

■ 강박스 거더(50.000m+60.000m+50.000m) 입력자료

1. BEFORE COMPOSITE SELF-WEIGHT LOAD

SYSTEM

LENGTH=M FORCE=KN

JOINT

1	X= 0.000	Y=0.000	Z=0.000
2	X= 4.599	Y=-0.169	Z=-0.116
3	X= 9.598	Y=-0.342	Z=-0.241
4	X= 14.598	Y=-0.503	Z=-0.366
5	X= 19.598	Y=-0.651	Z=-0.490
6	X= 24.598	Y=-0.788	Z=-0.614
7	X= 29.599	Y=-0.913	Z=-0.738
8	X= 34.600	Y=-1.026	Z=-0.860
9	X= 39.601	Y=-1.128	Z=-0.983
10	X= 44.602	Y=-1.217	Z=-1.105
11	X= 49.604	Y=-1.294	Z=-1.226
12	X= 54.606	Y=-1.360	Z=-1.347
13	X= 59.608	Y=-1.413	Z=-1.468
14	X= 64.610	Y=-1.455	Z=-1.588
15	X= 69.612	Y=-1.485	Z=-1.707
16	X= 74.614	Y=-1.503	Z=-1.826
17	X= 79.616	Y=-1.508	Z=-1.945
18	X= 84.618	Y=-1.502	Z=-2.063
19	X= 89.620	Y=-1.485	Z=-2.180
20	X= 94.623	Y=-1.455	Z=-2.297
21	X= 99.625	Y=-1.413	Z=-2.414
22	X= 104.627	Y=-1.359	Z=-2.530
23	X= 109.628	Y=-1.294	Z=-2.646
24	X= 114.630	Y=-1.216	Z=-2.761
25	X= 119.631	Y=-1.127	Z=-2.875
26	X= 124.632	Y=-1.026	Z=-2.989
27	X= 129.633	Y=-0.913	Z=-3.103
28	X= 134.634	Y=-0.787	Z=-3.216
29	X= 139.634	Y=-0.650	Z=-3.329
30	X= 144.634	Y=-0.502	Z=-3.441
31	X= 149.634	Y=-0.341	Z=-3.553
32	X= 154.633	Y=-0.168	Z=-3.664
33	X= 159.232	Y=0.001	Z=-3.766
34	X= -0.278	Y=-7.295	Z=0.146
35	X= 4.339	Y=-7.465	Z=0.030
36	X= 9.355	Y=-7.638	Z=-0.095
37	X= 14.372	Y=-7.799	Z=-0.220
38	X= 19.390	Y=-7.948	Z=-0.344

39	X=	24.407	Y=-8.086	Z=-0.468
40	X=	29.425	Y=-8.211	Z=-0.592
41	X=	34.444	Y=-8.325	Z=-0.714
42	X=	39.462	Y=-8.426	Z=-0.837
43	X=	44.481	Y=-8.516	Z=-0.959
44	X=	49.500	Y=-8.594	Z=-1.080
45	X=	54.519	Y=-8.659	Z=-1.201
46	X=	59.538	Y=-8.713	Z=-1.322
47	X=	64.558	Y=-8.755	Z=-1.442
48	X=	69.577	Y=-8.785	Z=-1.561
49	X=	74.597	Y=-8.803	Z=-1.680
50	X=	79.616	Y=-8.808	Z=-1.799
51	X=	84.636	Y=-8.802	Z=-1.917
52	X=	89.655	Y=-8.784	Z=-2.034
53	X=	94.675	Y=-8.755	Z=-2.151
54	X=	99.694	Y=-8.713	Z=-2.268
55	X=	104.714	Y=-8.659	Z=-2.384
56	X=	109.733	Y=-8.593	Z=-2.500
57	X=	114.752	Y=-8.515	Z=-2.615
58	X=	119.770	Y=-8.426	Z=-2.729
59	X=	124.789	Y=-8.324	Z=-2.843
60	X=	129.807	Y=-8.210	Z=-2.957
61	X=	134.825	Y=-8.085	Z=-3.070
62	X=	139.843	Y=-7.947	Z=-3.183
63	X=	144.860	Y=-7.798	Z=-3.295
64	X=	149.877	Y=-7.637	Z=-3.407
65	X=	154.894	Y=-7.463	Z=-3.518
66	X=	159.511	Y=-7.293	Z=-3.620
67	X=	-0.139	Y=-3.647	Z=0.073
68	X=	4.469	Y=-3.817	Z=-0.043
69	X=	9.477	Y=-3.990	Z=-0.168
70	X=	14.485	Y=-4.151	Z=-0.293
71	X=	19.494	Y=-4.300	Z=-0.417
72	X=	24.503	Y=-4.437	Z=-0.541
73	X=	29.512	Y=-4.562	Z=-0.665
74	X=	34.522	Y=-4.676	Z=-0.787
75	X=	39.532	Y=-4.777	Z=-0.910
76	X=	44.542	Y=-4.866	Z=-1.032
77	X=	49.552	Y=-4.944	Z=-1.153
78	X=	54.562	Y=-5.010	Z=-1.274
79	X=	59.573	Y=-5.063	Z=-1.395
80	X=	64.584	Y=-5.105	Z=-1.515
81	X=	69.594	Y=-5.135	Z=-1.634
82	X=	74.605	Y=-5.153	Z=-1.753
83	X=	79.616	Y=-5.158	Z=-1.872
84	X=	84.627	Y=-5.152	Z=-1.990

85	X= 89.638	Y=-5.134	Z=-2.107
86	X= 94.649	Y=-5.105	Z=-2.224
87	X= 99.659	Y=-5.063	Z=-2.341
88	X= 104.670	Y=-5.009	Z=-2.457
89	X= 109.680	Y=-4.943	Z=-2.573
90	X= 114.691	Y=-4.866	Z=-2.688
91	X= 119.701	Y=-4.776	Z=-2.802
92	X= 124.711	Y=-4.675	Z=-2.916
93	X= 129.720	Y=-4.562	Z=-3.030
94	X= 134.730	Y=-4.436	Z=-3.143
95	X= 139.739	Y=-4.299	Z=-3.256
96	X= 144.747	Y=-4.150	Z=-3.368
97	X= 149.756	Y=-3.989	Z=-3.480
98	X= 154.764	Y=-3.816	Z=-3.591
99	X= 159.371	Y=-3.646	Z=-3.693
100	X= 0.000	Y=0.000	Z=-1.400
101	X= 0.036	Y=0.949	Z=-1.400
102	X= -0.036	Y=-0.949	Z=-1.400
103	X= 49.604	Y=-1.294	Z=-2.726
104	X= 49.616	Y=-0.444	Z=-2.726
105	X= 49.592	Y=-2.144	Z=-2.726
106	X= 109.628	Y=-1.294	Z=-4.146
107	X= 109.616	Y=-0.444	Z=-4.146
108	X= 109.640	Y=-2.144	Z=-4.146
109	X= 159.232	Y=0.001	Z=-5.166
110	X= 159.196	Y=0.951	Z=-5.166
111	X= 159.268	Y=-0.948	Z=-5.166
112	X= -0.278	Y=-7.295	Z=-1.254
113	X= -0.242	Y=-6.345	Z=-1.254
114	X= -0.315	Y=-8.244	Z=-1.254
115	X= 49.500	Y=-8.594	Z=-2.580
116	X= 49.512	Y=-7.744	Z=-2.580
117	X= 49.488	Y=-9.443	Z=-2.580
118	X= 109.733	Y=-8.593	Z=-4.000
119	X= 109.721	Y=-7.743	Z=-4.000
120	X= 109.745	Y=-9.443	Z=-4.000
121	X= 159.511	Y=-7.293	Z=-5.020
122	X= 159.474	Y=-6.344	Z=-5.020
123	X= 159.547	Y=-8.243	Z=-5.020

LOCAL

ADD= 101 ANG=-1.616
 ADD= 102 ANG=-0.624
 ADD= 104 ANG=-1.622
 ADD= 105 ANG=0.000
 ADD= 107 ANG=0.819

ADD= 108 ANG=0.819
ADD= 110 ANG=3.573
ADD= 111 ANG=1.380
ADD= 113 ANG=2.190
ADD= 114 ANG=3.176
ADD= 116 ANG=5.321
ADD= 117 ANG=6.919
ADD= 119 ANG=0.819
ADD= 120 ANG=0.819
ADD= 122 ANG=-4.818
ADD= 123 ANG=-6.967

RESTRAINT

ADD= 101 DOF= U3,
ADD= 102 DOF= U2, U3,
ADD= 104 DOF= U3,
ADD= 105 DOF= U2, U3,
ADD= 107 DOF= U1, U3,
ADD= 108 DOF= U1, U2, U3,
ADD= 110 DOF= U3,
ADD= 111 DOF= U2, U3,
ADD= 113 DOF= U3,
ADD= 114 DOF= U3,
ADD= 116 DOF= U3,
ADD= 117 DOF= U3,
ADD= 119 DOF= U1, U3,
ADD= 120 DOF= U1, U3,
ADD= 122 DOF= U3,
ADD= 123 DOF= U3,

MATERIAL

Name=1
E=2.05e+008
Name=2
E=2.05e+008
Name=3
E=2.05e+008
Name=4
E=2.05e+008
Name=5
E=2.05e+008
Name=6
E=2.05e+008
Name=7
E=2.05e+008

FRAME SECTION

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Name= 1 Mat= 1 A=0.14712 I=0.19769571, 0.14939967 J=0.22492778 ; GIRDER
Name= 2 Mat= 2 A=0.15192 I=0.23073799, 0.15697191 J=0.24871775 ; GIRDER
Name= 3 Mat= 3 A=0.15192 I=0.23073799, 0.15924970 J=0.24871775 ; GIRDER
Name= 4 Mat= 4 A=0.18972 I=0.31666022, 0.17993541 J=0.29942089 ; GIRDER
Name= 5 Mat= 5 A=0.02020 I=0.00492934, 0.00005411 J=0.00000078 ; CROSSBEAM
Name= 6 Mat= 6 A=0.01520 I=0.00161357, 0.00005407 J=0.00000061 ; STRINGER
Name= 7 Mat= 7 A=10.00000 I=10.00000000, 10.00000000 J=10.00000000 ; SHOE
Name= 8 Type=Nonpr Sec= 1, 2 Eivar=2,1
Name= 9 Type=Nonpr Sec= 2, 1
Name= 10 Type=Nonpr Sec= 2, 3
Name= 11 Type=Nonpr Sec= 3, 2
Name= 12 Type=Nonpr Sec= 3, 4
Name= 13 Type=Nonpr Sec= 4, 3

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FRAME

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1 J= 1, 2 Sec= 8 Local=12 Pldir=+Z,+X NSEG=4
2 J= 2, 3 Sec= 2
3 J= 3, 4 Sec= 2
4 J= 4, 5 Sec= 2
5 J= 5, 6 Sec= 2
6 J= 6, 7 Sec= 2
7 J= 7, 8 Sec= 2
8 J= 8, 9 Sec=10
9 J= 9, 10 Sec=12
10 J= 10, 11 Sec= 4
11 J= 11, 12 Sec= 4
12 J= 12, 13 Sec=13
13 J= 13, 14 Sec=11
14 J= 14, 15 Sec= 2
15 J= 15, 16 Sec= 2
16 J= 16, 17 Sec= 2
17 J= 17, 18 Sec= 2
18 J= 18, 19 Sec= 2
19 J= 19, 20 Sec= 2
20 J= 20, 21 Sec=10
21 J= 21, 22 Sec=12
22 J= 22, 23 Sec= 4
23 J= 23, 24 Sec= 4
24 J= 24, 25 Sec=13
25 J= 25, 26 Sec=11
26 J= 26, 27 Sec= 2
27 J= 27, 28 Sec= 2
28 J= 28, 29 Sec= 2
29 J= 29, 30 Sec= 2
30 J= 30, 31 Sec= 2

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31	J= 31,	32	Sec= 2			
32	J= 32,	33	Sec= 9			
33	J= 34,	35	Sec= 8			
34	J= 35,	36	Sec= 2			
35	J= 36,	37	Sec= 2			
36	J= 37,	38	Sec= 2			
37	J= 38,	39	Sec= 2			
38	J= 39,	40	Sec= 2			
39	J= 40,	41	Sec= 2			
40	J= 41,	42	Sec=10			
41	J= 42,	43	Sec=12			
42	J= 43,	44	Sec= 4			
43	J= 44,	45	Sec= 4			
44	J= 45,	46	Sec=13			
45	J= 46,	47	Sec=11			
46	J= 47,	48	Sec= 2			
47	J= 48,	49	Sec= 2			
48	J= 49,	50	Sec= 2			
49	J= 50,	51	Sec= 2			
50	J= 51,	52	Sec= 2			
51	J= 52,	53	Sec= 2			
52	J= 53,	54	Sec=10			
53	J= 54,	55	Sec=12			
54	J= 55,	56	Sec= 4			
55	J= 56,	57	Sec= 4			
56	J= 57,	58	Sec=13			
57	J= 58,	59	Sec=11			
58	J= 59,	60	Sec= 2			
59	J= 60,	61	Sec= 2			
60	J= 61,	62	Sec= 2			
61	J= 62,	63	Sec= 2			
62	J= 63,	64	Sec= 2			
63	J= 64,	65	Sec= 2			
64	J= 65,	66	Sec= 9			
65	J= 1,	67	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
66	J= 67,	34	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
67	J= 2,	68	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
68	J= 68,	35	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
69	J= 3,	69	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
70	J= 69,	36	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
71	J= 4,	70	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
72	J= 70,	37	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
73	J= 5,	71	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
74	J= 71,	38	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
75	J= 6,	72	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
76	J= 72,	39	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0

77	J= 7,	73	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
78	J= 73,	40	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
79	J= 8,	74	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
80	J= 74,	41	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
81	J= 9,	75	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
82	J= 75,	42	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
83	J= 10,	76	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
84	J= 76,	43	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
85	J= 11,	77	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
86	J= 77,	44	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
87	J= 12,	78	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
88	J= 78,	45	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
89	J= 13,	79	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
90	J= 79,	46	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
91	J= 14,	80	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
92	J= 80,	47	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
93	J= 15,	81	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
94	J= 81,	48	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
95	J= 16,	82	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
96	J= 82,	49	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
97	J= 17,	83	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
98	J= 83,	50	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
99	J= 18,	84	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
100	J= 84,	51	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
101	J= 19,	85	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
102	J= 85,	52	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
103	J= 20,	86	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
104	J= 86,	53	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
105	J= 21,	87	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
106	J= 87,	54	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
107	J= 22,	88	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
108	J= 88,	55	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
109	J= 23,	89	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
110	J= 89,	56	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
111	J= 24,	90	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
112	J= 90,	57	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
113	J= 25,	91	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
114	J= 91,	58	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
115	J= 26,	92	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
116	J= 92,	59	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
117	J= 27,	93	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
118	J= 93,	60	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
119	J= 28,	94	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
120	J= 94,	61	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
121	J= 29,	95	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
122	J= 95,	62	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0

123	J= 30,	96	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
124	J= 96,	63	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
125	J= 31,	97	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
126	J= 97,	64	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
127	J= 32,	98	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
128	J= 98,	65	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
129	J= 33,	99	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
130	J= 99,	66	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
131	J= 67,	68	Sec= 6			
132	J= 68,	69	Sec= 6			
133	J= 69,	70	Sec= 6			
134	J= 70,	71	Sec= 6			
135	J= 71,	72	Sec= 6			
136	J= 72,	73	Sec= 6			
137	J= 73,	74	Sec= 6			
138	J= 74,	75	Sec= 6			
139	J= 75,	76	Sec= 6			
140	J= 76,	77	Sec= 6			
141	J= 77,	78	Sec= 6			
142	J= 78,	79	Sec= 6			
143	J= 79,	80	Sec= 6			
144	J= 80,	81	Sec= 6			
145	J= 81,	82	Sec= 6			
146	J= 82,	83	Sec= 6			
147	J= 83,	84	Sec= 6			
148	J= 84,	85	Sec= 6			
149	J= 85,	86	Sec= 6			
150	J= 86,	87	Sec= 6			
151	J= 87,	88	Sec= 6			
152	J= 88,	89	Sec= 6			
153	J= 89,	90	Sec= 6			
154	J= 90,	91	Sec= 6			
155	J= 91,	92	Sec= 6			
156	J= 92,	93	Sec= 6			
157	J= 93,	94	Sec= 6			
158	J= 94,	95	Sec= 6			
159	J= 95,	96	Sec= 6			
160	J= 96,	97	Sec= 6			
161	J= 97,	98	Sec= 6			
162	J= 98,	99	Sec= 6			
163	J= 1,	100	Sec= 7			
164	J=101,	100	Sec= 7			
165	J=100,	102	Sec= 7			
166	J= 11,	103	Sec= 7			
167	J=104,	103	Sec= 7			
168	J=103,	105	Sec= 7			

169 J= 23, 106 Sec= 7
 170 J=107, 106 Sec= 7
 171 J=106, 108 Sec= 7
 172 J= 33, 109 Sec= 7
 173 J=110, 109 Sec= 7
 174 J=109, 111 Sec= 7
 175 J= 34, 112 Sec= 7
 176 J=113, 112 Sec= 7
 177 J=112, 114 Sec= 7
 178 J= 44, 115 Sec= 7
 179 J=116, 115 Sec= 7
 180 J=115, 117 Sec= 7
 181 J= 56, 118 Sec= 7
 182 J=119, 118 Sec= 7
 183 J=118, 120 Sec= 7
 184 J= 66, 121 Sec= 7
 185 J=122, 121 Sec= 7
 186 J=121, 123 Sec= 7

LOAD

Name=STEEL ; STEEL SELF-WEIGHT LOAD

Type=Distributed Span

Add= 1 RD=0.000, 1.000 Uzp=-15.633, -16.143
 Add= 2 RD=0.000, 1.000 Uzp=-16.143, -16.143
 Add= 3 RD=0.000, 1.000 Uzp=-16.143, -16.143
 Add= 4 RD=0.000, 1.000 Uzp=-16.143, -16.143
 Add= 5 RD=0.000, 1.000 Uzp=-16.143, -16.143
 Add= 6 RD=0.000, 1.000 Uzp=-16.143, -16.143
 Add= 7 RD=0.000, 1.000 Uzp=-16.143, -16.143
 Add= 8 RD=0.000, 1.000 Uzp=-16.143, -16.143
 Add= 9 RD=0.000, 1.000 Uzp=-16.143, -20.159
 Add= 10 RD=0.000, 1.000 Uzp=-20.159, -20.159
 Add= 11 RD=0.000, 1.000 Uzp=-20.159, -20.159
 Add= 12 RD=0.000, 1.000 Uzp=-20.159, -16.143
 Add= 13 RD=0.000, 1.000 Uzp=-16.143, -16.143
 Add= 14 RD=0.000, 1.000 Uzp=-16.143, -16.143
 Add= 15 RD=0.000, 1.000 Uzp=-16.143, -16.143
 Add= 16 RD=0.000, 1.000 Uzp=-16.143, -16.143
 Add= 17 RD=0.000, 1.000 Uzp=-16.143, -16.143
 Add= 18 RD=0.000, 1.000 Uzp=-16.143, -16.143
 Add= 19 RD=0.000, 1.000 Uzp=-16.143, -16.143
 Add= 20 RD=0.000, 1.000 Uzp=-16.143, -16.143
 Add= 21 RD=0.000, 1.000 Uzp=-16.143, -20.159
 Add= 22 RD=0.000, 1.000 Uzp=-20.159, -20.159
 Add= 23 RD=0.000, 1.000 Uzp=-20.159, -20.159
 Add= 24 RD=0.000, 1.000 Uzp=-20.159, -16.143

Add=	25	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	26	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	27	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	28	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	29	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	30	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	31	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	32	RD=0.000, 1.000	Uzp=-16.143, -15.633
Add=	33	RD=0.000, 1.000	Uzp=-15.633, -16.143
Add=	34	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	35	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	36	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	37	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	38	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	39	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	40	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	41	RD=0.000, 1.000	Uzp=-16.143, -20.159
Add=	42	RD=0.000, 1.000	Uzp=-20.159, -20.159
Add=	43	RD=0.000, 1.000	Uzp=-20.159, -20.159
Add=	44	RD=0.000, 1.000	Uzp=-20.159, -16.143
Add=	45	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	46	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	47	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	48	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	49	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	50	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	51	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	52	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	53	RD=0.000, 1.000	Uzp=-16.143, -20.159
Add=	54	RD=0.000, 1.000	Uzp=-20.159, -20.159
Add=	55	RD=0.000, 1.000	Uzp=-20.159, -20.159
Add=	56	RD=0.000, 1.000	Uzp=-20.159, -16.143
Add=	57	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	58	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	59	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	60	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	61	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	62	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	63	RD=0.000, 1.000	Uzp=-16.143, -16.143
Add=	64	RD=0.000, 1.000	Uzp=-16.143, -15.633
Add=	65	RD=0.000, 1.000	Uzp=-2.146, -2.146
Add=	66	RD=0.000, 1.000	Uzp=-2.146, -2.146
Add=	67	RD=0.000, 1.000	Uzp=-2.146, -2.146
Add=	68	RD=0.000, 1.000	Uzp=-2.146, -2.146
Add=	69	RD=0.000, 1.000	Uzp=-2.146, -2.146
Add=	70	RD=0.000, 1.000	Uzp=-2.146, -2.146

[illegible]

[illegible]

Name=CONC ; SLAB SELF-WEIGHT LOAD

Type=Distributed Span

Add=	1	RD=0.000, 0.457	Uzp=-59.961, -59.961	R1=2.965, 2.965
Add=	1	RD=0.457, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	2	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	3	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	4	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	5	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	6	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	7	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	8	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	9	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	10	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	11	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	12	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	13	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	14	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	15	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	16	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	17	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	18	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	19	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	20	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	21	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	22	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	23	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	24	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	25	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	26	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	27	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	28	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	29	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	30	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	31	RD=0.000, 1.000	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	32	RD=0.000, 0.543	Uzp=-34.232, -34.232	R1=1.886, 1.886
Add=	32	RD=0.543, 1.000	Uzp=-59.961, -59.961	R1=2.965, 2.965
Add=	33	RD=0.000, 0.457	Uzp=-59.523, -59.523	R1=1.894, 1.894
Add=	33	RD=0.457, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add=	34	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add=	35	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add=	36	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add=	37	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add=	38	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add=	39	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add=	40	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645

Add= 41	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 42	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 43	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 44	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 45	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 46	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 47	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 48	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 49	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 50	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 51	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 52	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 53	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 54	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 55	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 56	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 57	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 58	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 59	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 60	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 61	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 62	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 63	RD=0.000, 1.000	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 64	RD=0.000, 0.543	Uzp=-34.675, -34.675	R1=1.645, 1.645
Add= 64	RD=0.543, 1.000	Uzp=-59.524, -59.524	R1=1.894, 1.894
Add=131	RD=0.000, 0.457	Uzp=-30.050, -30.050	
Add=131	RD=0.457, 1.000	Uzp=-15.137, -15.137	
Add=132	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=133	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=134	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=135	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=136	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=137	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=138	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=139	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=140	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=141	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=142	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=143	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=144	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=145	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=146	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=147	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=148	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=149	RD=0.000, 1.000	Uzp=-15.137, -15.137	
Add=150	RD=0.000, 1.000	Uzp=-15.137, -15.137	

Add=151	RD=0.000, 1.000	Uzp=-15.137, -15.137
Add=152	RD=0.000, 1.000	Uzp=-15.137, -15.137
Add=153	RD=0.000, 1.000	Uzp=-15.137, -15.137
Add=154	RD=0.000, 1.000	Uzp=-15.137, -15.137
Add=155	RD=0.000, 1.000	Uzp=-15.137, -15.137
Add=156	RD=0.000, 1.000	Uzp=-15.137, -15.137
Add=157	RD=0.000, 1.000	Uzp=-15.137, -15.137
Add=158	RD=0.000, 1.000	Uzp=-15.137, -15.137
Add=159	RD=0.000, 1.000	Uzp=-15.137, -15.137
Add=160	RD=0.000, 1.000	Uzp=-15.137, -15.137
Add=161	RD=0.000, 1.000	Uzp=-15.137, -15.137
Add=162	RD=0.000, 0.543	Uzp=-15.137, -15.137
Add=162	RD=0.543, 1.000	Uzp=-15.137, -0.000

Name=CR-HUNCH ; CROSSBEAM HUNCH SELF-WEIGHT LOAD

Type=Distributed Span

Add= 67	RD=0.342, 0.914	Uzp=-0.696, -0.696
Add= 68	RD=0.492, 0.658	Uzp=-1.019, -1.019
Add= 69	RD=0.342, 0.914	Uzp=-0.696, -0.696
Add= 70	RD=0.492, 0.658	Uzp=-1.019, -1.019
Add= 71	RD=0.342, 0.914	Uzp=-0.696, -0.696
Add= 72	RD=0.492, 0.658	Uzp=-1.019, -1.019
Add= 73	RD=0.342, 0.914	Uzp=-0.696, -0.696
Add= 74	RD=0.492, 0.658	Uzp=-1.019, -1.019
Add= 75	RD=0.342, 0.914	Uzp=-0.696, -0.696
Add= 76	RD=0.492, 0.658	Uzp=-1.019, -1.019
Add= 77	RD=0.342, 0.914	Uzp=-0.696, -0.696
Add= 78	RD=0.492, 0.658	Uzp=-1.019, -1.019
Add= 79	RD=0.342, 0.914	Uzp=-0.696, -0.696
Add= 80	RD=0.492, 0.658	Uzp=-1.019, -1.019
Add= 81	RD=0.342, 0.914	Uzp=-0.696, -0.696
Add= 82	RD=0.492, 0.658	Uzp=-1.019, -1.019
Add= 83	RD=0.342, 0.914	Uzp=-0.696, -0.696
Add= 84	RD=0.492, 0.658	Uzp=-1.019, -1.019
Add= 85	RD=0.342, 0.914	Uzp=-0.696, -0.696
Add= 86	RD=0.492, 0.658	Uzp=-1.019, -1.019
Add= 87	RD=0.342, 0.914	Uzp=-0.696, -0.696
Add= 88	RD=0.492, 0.658	Uzp=-1.019, -1.019
Add= 89	RD=0.342, 0.914	Uzp=-0.696, -0.696
Add= 90	RD=0.492, 0.658	Uzp=-1.019, -1.019
Add= 91	RD=0.342, 0.914	Uzp=-0.696, -0.696
Add= 92	RD=0.492, 0.658	Uzp=-1.019, -1.019
Add= 93	RD=0.342, 0.914	Uzp=-0.696, -0.696
Add= 94	RD=0.492, 0.658	Uzp=-1.019, -1.019
Add= 95	RD=0.342, 0.914	Uzp=-0.696, -0.696
Add= 96	RD=0.492, 0.658	Uzp=-1.019, -1.019

Add= 97 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add= 98 RD=0.492, 0.658 Uzp=-1.019, -1.019
Add= 99 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add=100 RD=0.492, 0.658 Uzp=-1.019, -1.019
Add=101 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add=102 RD=0.492, 0.658 Uzp=-1.019, -1.019
Add=103 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add=104 RD=0.492, 0.658 Uzp=-1.019, -1.019
Add=105 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add=106 RD=0.492, 0.658 Uzp=-1.019, -1.019
Add=107 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add=108 RD=0.492, 0.658 Uzp=-1.019, -1.019
Add=109 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add=110 RD=0.492, 0.658 Uzp=-1.019, -1.019
Add=111 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add=112 RD=0.492, 0.658 Uzp=-1.019, -1.019
Add=113 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add=114 RD=0.492, 0.658 Uzp=-1.019, -1.019
Add=115 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add=116 RD=0.492, 0.658 Uzp=-1.019, -1.019
Add=117 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add=118 RD=0.492, 0.658 Uzp=-1.019, -1.019
Add=119 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add=120 RD=0.492, 0.658 Uzp=-1.019, -1.019
Add=121 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add=122 RD=0.492, 0.658 Uzp=-1.019, -1.019
Add=123 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add=124 RD=0.492, 0.658 Uzp=-1.019, -1.019
Add=125 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add=126 RD=0.492, 0.658 Uzp=-1.019, -1.019
Add=127 RD=0.342, 0.914 Uzp=-0.696, -0.696
Add=128 RD=0.492, 0.658 Uzp=-1.019, -1.019

COMBO

Name=STEEL Type=ADD ;
LOAD=STEEL sf=1.000

Name=CONC Type=ADD ;
LOAD=CONC sf=1.000
LOAD=CR-HUNCH sf=1.000

OUTPUT

ELEM=JOINT TYPE=DISP,REAC LOAD=* COMB=*
ELEM=FRAME TYPE=FORCE LOAD=* COMB=*

2. AFTER COMPOSITE SELF-WEIGHT LOAD

SYSTEM

LENGTH=M FORCE=KN

JOINT

1	X= 0.000	Y=0.000	Z=0.000
2	X= 4.599	Y=-0.169	Z=-0.116
3	X= 9.598	Y=-0.342	Z=-0.241
4	X= 14.598	Y=-0.503	Z=-0.366
5	X= 19.598	Y=-0.651	Z=-0.490
6	X= 24.598	Y=-0.788	Z=-0.614
7	X= 29.599	Y=-0.913	Z=-0.738
8	X= 34.600	Y=-1.026	Z=-0.860
9	X= 39.601	Y=-1.128	Z=-0.983
10	X= 44.602	Y=-1.217	Z=-1.105
11	X= 49.604	Y=-1.294	Z=-1.226
12	X= 54.606	Y=-1.360	Z=-1.347
13	X= 59.608	Y=-1.413	Z=-1.468
14	X= 64.610	Y=-1.455	Z=-1.588
15	X= 69.612	Y=-1.485	Z=-1.707
16	X= 74.614	Y=-1.503	Z=-1.826
17	X= 79.616	Y=-1.508	Z=-1.945
18	X= 84.618	Y=-1.502	Z=-2.063
19	X= 89.620	Y=-1.485	Z=-2.180
20	X= 94.623	Y=-1.455	Z=-2.297
21	X= 99.625	Y=-1.413	Z=-2.414
22	X= 104.627	Y=-1.359	Z=-2.530
23	X= 109.628	Y=-1.294	Z=-2.646
24	X= 114.630	Y=-1.216	Z=-2.761
25	X= 119.631	Y=-1.127	Z=-2.875
26	X= 124.632	Y=-1.026	Z=-2.989
27	X= 129.633	Y=-0.913	Z=-3.103
28	X= 134.634	Y=-0.787	Z=-3.216
29	X= 139.634	Y=-0.650	Z=-3.329
30	X= 144.634	Y=-0.502	Z=-3.441
31	X= 149.634	Y=-0.341	Z=-3.553
32	X= 154.633	Y=-0.168	Z=-3.664
33	X= 159.232	Y=0.001	Z=-3.766
34	X= -0.278	Y=-7.295	Z=0.146
35	X= 4.339	Y=-7.465	Z=0.030
36	X= 9.355	Y=-7.638	Z=-0.095
37	X= 14.372	Y=-7.799	Z=-0.220
38	X= 19.390	Y=-7.948	Z=-0.344
39	X= 24.407	Y=-8.086	Z=-0.468

40	X=	29.425	Y=-8.211	Z=-0.592
41	X=	34.444	Y=-8.325	Z=-0.714
42	X=	39.462	Y=-8.426	Z=-0.837
43	X=	44.481	Y=-8.516	Z=-0.959
44	X=	49.500	Y=-8.594	Z=-1.080
45	X=	54.519	Y=-8.659	Z=-1.201
46	X=	59.538	Y=-8.713	Z=-1.322
47	X=	64.558	Y=-8.755	Z=-1.442
48	X=	69.577	Y=-8.785	Z=-1.561
49	X=	74.597	Y=-8.803	Z=-1.680
50	X=	79.616	Y=-8.808	Z=-1.799
51	X=	84.636	Y=-8.802	Z=-1.917
52	X=	89.655	Y=-8.784	Z=-2.034
53	X=	94.675	Y=-8.755	Z=-2.151
54	X=	99.694	Y=-8.713	Z=-2.268
55	X=	104.714	Y=-8.659	Z=-2.384
56	X=	109.733	Y=-8.593	Z=-2.500
57	X=	114.752	Y=-8.515	Z=-2.615
58	X=	119.770	Y=-8.426	Z=-2.729
59	X=	124.789	Y=-8.324	Z=-2.843
60	X=	129.807	Y=-8.210	Z=-2.957
61	X=	134.825	Y=-8.085	Z=-3.070
62	X=	139.843	Y=-7.947	Z=-3.183
63	X=	144.860	Y=-7.798	Z=-3.295
64	X=	149.877	Y=-7.637	Z=-3.407
65	X=	154.894	Y=-7.463	Z=-3.518
66	X=	159.511	Y=-7.293	Z=-3.620
67	X=	-0.139	Y=-3.647	Z=0.073
68	X=	4.469	Y=-3.817	Z=-0.043
69	X=	9.477	Y=-3.990	Z=-0.168
70	X=	14.485	Y=-4.151	Z=-0.293
71	X=	19.494	Y=-4.300	Z=-0.417
72	X=	24.503	Y=-4.437	Z=-0.541
73	X=	29.512	Y=-4.562	Z=-0.665
74	X=	34.522	Y=-4.676	Z=-0.787
75	X=	39.532	Y=-4.777	Z=-0.910
76	X=	44.542	Y=-4.866	Z=-1.032
77	X=	49.552	Y=-4.944	Z=-1.153
78	X=	54.562	Y=-5.010	Z=-1.274
79	X=	59.573	Y=-5.063	Z=-1.395
80	X=	64.584	Y=-5.105	Z=-1.515
81	X=	69.594	Y=-5.135	Z=-1.634
82	X=	74.605	Y=-5.153	Z=-1.753
83	X=	79.616	Y=-5.158	Z=-1.872
84	X=	84.627	Y=-5.152	Z=-1.990
85	X=	89.638	Y=-5.134	Z=-2.107

86	X=	94.649	Y=-5.105	Z=-2.224
87	X=	99.659	Y=-5.063	Z=-2.341
88	X=	104.670	Y=-5.009	Z=-2.457
89	X=	109.680	Y=-4.943	Z=-2.573
90	X=	114.691	Y=-4.866	Z=-2.688
91	X=	119.701	Y=-4.776	Z=-2.802
92	X=	124.711	Y=-4.675	Z=-2.916
93	X=	129.720	Y=-4.562	Z=-3.030
94	X=	134.730	Y=-4.436	Z=-3.143
95	X=	139.739	Y=-4.299	Z=-3.256
96	X=	144.747	Y=-4.150	Z=-3.368
97	X=	149.756	Y=-3.989	Z=-3.480
98	X=	154.764	Y=-3.816	Z=-3.591
99	X=	159.371	Y=-3.646	Z=-3.693
100	X=	0.000	Y=0.000	Z=-1.400
101	X=	0.036	Y=0.949	Z=-1.400
102	X=	-0.036	Y=-0.949	Z=-1.400
103	X=	49.604	Y=-1.294	Z=-2.726
104	X=	49.616	Y=-0.444	Z=-2.726
105	X=	49.592	Y=-2.144	Z=-2.726
106	X=	109.628	Y=-1.294	Z=-4.146
107	X=	109.616	Y=-0.444	Z=-4.146
108	X=	109.640	Y=-2.144	Z=-4.146
109	X=	159.232	Y=0.001	Z=-5.166
110	X=	159.196	Y=0.951	Z=-5.166
111	X=	159.268	Y=-0.948	Z=-5.166
112	X=	-0.278	Y=-7.295	Z=-1.254
113	X=	-0.242	Y=-6.345	Z=-1.254
114	X=	-0.315	Y=-8.244	Z=-1.254
115	X=	49.500	Y=-8.594	Z=-2.580
116	X=	49.512	Y=-7.744	Z=-2.580
117	X=	49.488	Y=-9.443	Z=-2.580
118	X=	109.733	Y=-8.593	Z=-4.000
119	X=	109.721	Y=-7.743	Z=-4.000
120	X=	109.745	Y=-9.443	Z=-4.000
121	X=	159.511	Y=-7.293	Z=-5.020
122	X=	159.474	Y=-6.344	Z=-5.020
123	X=	159.547	Y=-8.243	Z=-5.020

LOCAL

ADD=	101	ANG=-1.616
ADD=	102	ANG=-0.624
ADD=	104	ANG=-1.622
ADD=	105	ANG=0.000
ADD=	107	ANG=0.819
ADD=	108	ANG=0.819

ADD= 110 ANG=3.573
ADD= 111 ANG=1.380
ADD= 113 ANG=2.190
ADD= 114 ANG=3.176
ADD= 116 ANG=5.321
ADD= 117 ANG=6.919
ADD= 119 ANG=0.819
ADD= 120 ANG=0.819
ADD= 122 ANG=-4.818
ADD= 123 ANG=-6.967

RESTRAINT

ADD= 101 DOF= U3,
ADD= 102 DOF= U2, U3,
ADD= 104 DOF= U3,
ADD= 105 DOF= U2, U3,
ADD= 107 DOF= U1, U3,
ADD= 108 DOF= U1, U2, U3,
ADD= 110 DOF= U3,
ADD= 111 DOF= U2, U3,
ADD= 113 DOF= U3,
ADD= 114 DOF= U3,
ADD= 116 DOF= U3,
ADD= 117 DOF= U3,
ADD= 119 DOF= U1, U3,
ADD= 120 DOF= U1, U3,
ADD= 122 DOF= U3,
ADD= 123 DOF= U3,

MATERIAL

Name=1
E=2.05e+008
Name=2
E=2.05e+008
Name=3
E=2.05e+008
Name=4
E=2.05e+008
Name=5
E=2.05e+008
Name=6
E=2.05e+008
Name=7
E=2.05e+008

FRAME SECTION

Name= 1 Mat= 1 A=0.53753 I=0.47889766, 1.38951199 J=0.28504644 ; GIRDER
 Name= 2 Mat= 2 A=0.36881 I=0.46093207, 0.85720660 J=0.30211549 ; GIRDER
 Name= 3 Mat= 3 A=0.36881 I=0.48848108, 0.85948440 J=0.30211549 ; GIRDER
 Name= 4 Mat= 4 A=0.40661 I=0.62021147, 0.88463307 J=0.34307770 ; GIRDER
 Name= 5 Mat= 5 A=0.02020 I=0.00492934, 0.00005411 J=0.00000078 ; CROSSBEAM
 Name= 6 Mat= 6 A=0.01520 I=0.00161357, 0.00005407 J=0.00000061 ; STRINGER
 Name= 7 Mat= 7 A=10.00000 I=10.00000000, 10.00000000 J=10.00000000 ; SHOE
 Name= 8 Type=Nonpr Sec= 1, 2 Eivar=2,1
 Name= 9 Type=Nonpr Sec= 2, 1
 Name= 10 Type=Nonpr Sec= 2, 3
 Name= 11 Type=Nonpr Sec= 3, 2
 Name= 12 Type=Nonpr Sec= 3, 4
 Name= 13 Type=Nonpr Sec= 4, 3

FRAME

1 J= 1, 2 Sec= 8 Local=12 Pldir=+Z,+X NSEG=4
 2 J= 2, 3 Sec= 2
 3 J= 3, 4 Sec= 2
 4 J= 4, 5 Sec= 2
 5 J= 5, 6 Sec= 2
 6 J= 6, 7 Sec= 2
 7 J= 7, 8 Sec= 2
 8 J= 8, 9 Sec=10
 9 J= 9, 10 Sec=12
 10 J= 10, 11 Sec= 4
 11 J= 11, 12 Sec= 4
 12 J= 12, 13 Sec=13
 13 J= 13, 14 Sec=11
 14 J= 14, 15 Sec= 2
 15 J= 15, 16 Sec= 2
 16 J= 16, 17 Sec= 2
 17 J= 17, 18 Sec= 2
 18 J= 18, 19 Sec= 2
 19 J= 19, 20 Sec= 2
 20 J= 20, 21 Sec=10
 21 J= 21, 22 Sec=12
 22 J= 22, 23 Sec= 4
 23 J= 23, 24 Sec= 4
 24 J= 24, 25 Sec=13
 25 J= 25, 26 Sec=11
 26 J= 26, 27 Sec= 2
 27 J= 27, 28 Sec= 2
 28 J= 28, 29 Sec= 2
 29 J= 29, 30 Sec= 2
 30 J= 30, 31 Sec= 2
 31 J= 31, 32 Sec= 2

32 J= 32, 33 Sec= 9
33 J= 34, 35 Sec= 8
34 J= 35, 36 Sec= 2
35 J= 36, 37 Sec= 2
36 J= 37, 38 Sec= 2
37 J= 38, 39 Sec= 2
38 J= 39, 40 Sec= 2
39 J= 40, 41 Sec= 2
40 J= 41, 42 Sec=10
41 J= 42, 43 Sec=12
42 J= 43, 44 Sec= 4
43 J= 44, 45 Sec= 4
44 J= 45, 46 Sec=13
45 J= 46, 47 Sec=11
46 J= 47, 48 Sec= 2
47 J= 48, 49 Sec= 2
48 J= 49, 50 Sec= 2
49 J= 50, 51 Sec= 2
50 J= 51, 52 Sec= 2
51 J= 52, 53 Sec= 2
52 J= 53, 54 Sec=10
53 J= 54, 55 Sec=12
54 J= 55, 56 Sec= 4
55 J= 56, 57 Sec= 4
56 J= 57, 58 Sec=13
57 J= 58, 59 Sec=11
58 J= 59, 60 Sec= 2
59 J= 60, 61 Sec= 2
60 J= 61, 62 Sec= 2
61 J= 62, 63 Sec= 2
62 J= 63, 64 Sec= 2
63 J= 64, 65 Sec= 2
64 J= 65, 66 Sec= 9
65 J= 1, 67 Sec= 5 IOFF=1.250 JOFF=0.000 RIGID=1.0
66 J= 67, 34 Sec= 5 IOFF=0.000 JOFF=1.250 RIGID=1.0
67 J= 2, 68 Sec= 5 IOFF=1.250 JOFF=0.000 RIGID=1.0
68 J= 68, 35 Sec= 5 IOFF=0.000 JOFF=1.250 RIGID=1.0
69 J= 3, 69 Sec= 5 IOFF=1.250 JOFF=0.000 RIGID=1.0
70 J= 69, 36 Sec= 5 IOFF=0.000 JOFF=1.250 RIGID=1.0
71 J= 4, 70 Sec= 5 IOFF=1.250 JOFF=0.000 RIGID=1.0
72 J= 70, 37 Sec= 5 IOFF=0.000 JOFF=1.250 RIGID=1.0
73 J= 5, 71 Sec= 5 IOFF=1.250 JOFF=0.000 RIGID=1.0
74 J= 71, 38 Sec= 5 IOFF=0.000 JOFF=1.250 RIGID=1.0
75 J= 6, 72 Sec= 5 IOFF=1.250 JOFF=0.000 RIGID=1.0
76 J= 72, 39 Sec= 5 IOFF=0.000 JOFF=1.250 RIGID=1.0
77 J= 7, 73 Sec= 5 IOFF=1.250 JOFF=0.000 RIGID=1.0

78	J= 73,	40	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
79	J= 8,	74	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
80	J= 74,	41	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
81	J= 9,	75	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
82	J= 75,	42	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
83	J= 10,	76	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
84	J= 76,	43	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
85	J= 11,	77	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
86	J= 77,	44	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
87	J= 12,	78	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
88	J= 78,	45	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
89	J= 13,	79	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
90	J= 79,	46	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
91	J= 14,	80	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
92	J= 80,	47	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
93	J= 15,	81	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
94	J= 81,	48	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
95	J= 16,	82	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
96	J= 82,	49	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
97	J= 17,	83	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
98	J= 83,	50	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
99	J= 18,	84	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
100	J= 84,	51	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
101	J= 19,	85	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
102	J= 85,	52	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
103	J= 20,	86	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
104	J= 86,	53	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
105	J= 21,	87	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
106	J= 87,	54	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
107	J= 22,	88	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
108	J= 88,	55	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
109	J= 23,	89	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
110	J= 89,	56	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
111	J= 24,	90	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
112	J= 90,	57	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
113	J= 25,	91	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
114	J= 91,	58	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
115	J= 26,	92	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
116	J= 92,	59	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
117	J= 27,	93	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
118	J= 93,	60	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
119	J= 28,	94	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
120	J= 94,	61	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
121	J= 29,	95	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
122	J= 95,	62	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
123	J= 30,	96	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0

124	J= 96,	63	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
125	J= 31,	97	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
126	J= 97,	64	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
127	J= 32,	98	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
128	J= 98,	65	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
129	J= 33,	99	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
130	J= 99,	66	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
131	J= 67,	68	Sec= 6			
132	J= 68,	69	Sec= 6			
133	J= 69,	70	Sec= 6			
134	J= 70,	71	Sec= 6			
135	J= 71,	72	Sec= 6			
136	J= 72,	73	Sec= 6			
137	J= 73,	74	Sec= 6			
138	J= 74,	75	Sec= 6			
139	J= 75,	76	Sec= 6			
140	J= 76,	77	Sec= 6			
141	J= 77,	78	Sec= 6			
142	J= 78,	79	Sec= 6			
143	J= 79,	80	Sec= 6			
144	J= 80,	81	Sec= 6			
145	J= 81,	82	Sec= 6			
146	J= 82,	83	Sec= 6			
147	J= 83,	84	Sec= 6			
148	J= 84,	85	Sec= 6			
149	J= 85,	86	Sec= 6			
150	J= 86,	87	Sec= 6			
151	J= 87,	88	Sec= 6			
152	J= 88,	89	Sec= 6			
153	J= 89,	90	Sec= 6			
154	J= 90,	91	Sec= 6			
155	J= 91,	92	Sec= 6			
156	J= 92,	93	Sec= 6			
157	J= 93,	94	Sec= 6			
158	J= 94,	95	Sec= 6			
159	J= 95,	96	Sec= 6			
160	J= 96,	97	Sec= 6			
161	J= 97,	98	Sec= 6			
162	J= 98,	99	Sec= 6			
163	J= 1,	100	Sec= 7			
164	J=101,	100	Sec= 7			
165	J=100,	102	Sec= 7			
166	J= 11,	103	Sec= 7			
167	J=104,	103	Sec= 7			
168	J=103,	105	Sec= 7			
169	J= 23,	106	Sec= 7			

170 J=107, 106 Sec= 7
 171 J=106, 108 Sec= 7
 172 J= 33, 109 Sec= 7
 173 J=110, 109 Sec= 7
 174 J=109, 111 Sec= 7
 175 J= 34, 112 Sec= 7
 176 J=113, 112 Sec= 7
 177 J=112, 114 Sec= 7
 178 J= 44, 115 Sec= 7
 179 J=116, 115 Sec= 7
 180 J=115, 117 Sec= 7
 181 J= 56, 118 Sec= 7
 182 J=119, 118 Sec= 7
 183 J=118, 120 Sec= 7
 184 J= 66, 121 Sec= 7
 185 J=122, 121 Sec= 7
 186 J=121, 123 Sec= 7

LOAD

Name=AFTER ; AFTER SELF-WEIGHT LOAD (부속시설하중 포함)

Type=Distributed Span

Add= 1	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 2	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 3	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 4	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 5	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 6	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 7	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 8	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 9	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 10	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 11	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 12	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 13	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 14	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 15	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 16	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 17	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 18	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 19	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 20	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 21	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 22	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 23	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 24	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199
Add= 25	RD=0.000, 1.000	Uzp=-12.111, -12.111	R1=-12.199, -12.199

[illegible]

Add=138 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=139 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=140 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=141 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=142 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=143 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=144 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=145 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=146 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=147 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=148 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=149 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=150 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=151 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=152 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=153 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=154 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=155 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=156 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=157 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=158 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=159 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=160 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=161 RD=0.000, 1.000 Uzp=-6.545, -6.545
Add=162 RD=0.000, 1.000 Uzp=-6.545, -6.545

COMBO

Name=AFTER Type=ADD ;

LOAD=AFTER sf=1.000

OUTPUT

ELEM=JOINT TYPE=DISP,REAC LOAD=* COMB=*

ELEM=FRAME TYPE=FORCE LOAD=* COMB=*

3. MOVING LOAD

SYSTEM

LENGTH=M FORCE=KN

JOINT

1	X= 0.000	Y=0.000	Z=0.000
2	X= 4.599	Y=-0.169	Z=-0.116
3	X= 9.598	Y=-0.342	Z=-0.241
4	X= 14.598	Y=-0.503	Z=-0.366
5	X= 19.598	Y=-0.651	Z=-0.490
6	X= 24.598	Y=-0.788	Z=-0.614
7	X= 29.599	Y=-0.913	Z=-0.738
8	X= 34.600	Y=-1.026	Z=-0.860
9	X= 39.601	Y=-1.128	Z=-0.983
10	X= 44.602	Y=-1.217	Z=-1.105
11	X= 49.604	Y=-1.294	Z=-1.226
12	X= 54.606	Y=-1.360	Z=-1.347
13	X= 59.608	Y=-1.413	Z=-1.468
14	X= 64.610	Y=-1.455	Z=-1.588
15	X= 69.612	Y=-1.485	Z=-1.707
16	X= 74.614	Y=-1.503	Z=-1.826
17	X= 79.616	Y=-1.508	Z=-1.945
18	X= 84.618	Y=-1.502	Z=-2.063
19	X= 89.620	Y=-1.485	Z=-2.180
20	X= 94.623	Y=-1.455	Z=-2.297
21	X= 99.625	Y=-1.413	Z=-2.414
22	X= 104.627	Y=-1.359	Z=-2.530
23	X= 109.628	Y=-1.294	Z=-2.646
24	X= 114.630	Y=-1.216	Z=-2.761
25	X= 119.631	Y=-1.127	Z=-2.875
26	X= 124.632	Y=-1.026	Z=-2.989
27	X= 129.633	Y=-0.913	Z=-3.103
28	X= 134.634	Y=-0.787	Z=-3.216
29	X= 139.634	Y=-0.650	Z=-3.329
30	X= 144.634	Y=-0.502	Z=-3.441
31	X= 149.634	Y=-0.341	Z=-3.553
32	X= 154.633	Y=-0.168	Z=-3.664
33	X= 159.232	Y=0.001	Z=-3.766
34	X= -0.278	Y=-7.295	Z=0.146
35	X= 4.339	Y=-7.465	Z=0.030
36	X= 9.355	Y=-7.638	Z=-0.095
37	X= 14.372	Y=-7.799	Z=-0.220
38	X= 19.390	Y=-7.948	Z=-0.344
39	X= 24.407	Y=-8.086	Z=-0.468

40	X=	29.425	Y=-8.211	Z=-0.592
41	X=	34.444	Y=-8.325	Z=-0.714
42	X=	39.462	Y=-8.426	Z=-0.837
43	X=	44.481	Y=-8.516	Z=-0.959
44	X=	49.500	Y=-8.594	Z=-1.080
45	X=	54.519	Y=-8.659	Z=-1.201
46	X=	59.538	Y=-8.713	Z=-1.322
47	X=	64.558	Y=-8.755	Z=-1.442
48	X=	69.577	Y=-8.785	Z=-1.561
49	X=	74.597	Y=-8.803	Z=-1.680
50	X=	79.616	Y=-8.808	Z=-1.799
51	X=	84.636	Y=-8.802	Z=-1.917
52	X=	89.655	Y=-8.784	Z=-2.034
53	X=	94.675	Y=-8.755	Z=-2.151
54	X=	99.694	Y=-8.713	Z=-2.268
55	X=	104.714	Y=-8.659	Z=-2.384
56	X=	109.733	Y=-8.593	Z=-2.500
57	X=	114.752	Y=-8.515	Z=-2.615
58	X=	119.770	Y=-8.426	Z=-2.729
59	X=	124.789	Y=-8.324	Z=-2.843
60	X=	129.807	Y=-8.210	Z=-2.957
61	X=	134.825	Y=-8.085	Z=-3.070
62	X=	139.843	Y=-7.947	Z=-3.183
63	X=	144.860	Y=-7.798	Z=-3.295
64	X=	149.877	Y=-7.637	Z=-3.407
65	X=	154.894	Y=-7.463	Z=-3.518
66	X=	159.511	Y=-7.293	Z=-3.620
67	X=	-0.139	Y=-3.647	Z=0.073
68	X=	4.469	Y=-3.817	Z=-0.043
69	X=	9.477	Y=-3.990	Z=-0.168
70	X=	14.485	Y=-4.151	Z=-0.293
71	X=	19.494	Y=-4.300	Z=-0.417
72	X=	24.503	Y=-4.437	Z=-0.541
73	X=	29.512	Y=-4.562	Z=-0.665
74	X=	34.522	Y=-4.676	Z=-0.787
75	X=	39.532	Y=-4.777	Z=-0.910
76	X=	44.542	Y=-4.866	Z=-1.032
77	X=	49.552	Y=-4.944	Z=-1.153
78	X=	54.562	Y=-5.010	Z=-1.274
79	X=	59.573	Y=-5.063	Z=-1.395
80	X=	64.584	Y=-5.105	Z=-1.515
81	X=	69.594	Y=-5.135	Z=-1.634
82	X=	74.605	Y=-5.153	Z=-1.753
83	X=	79.616	Y=-5.158	Z=-1.872
84	X=	84.627	Y=-5.152	Z=-1.990
85	X=	89.638	Y=-5.134	Z=-2.107

86	X=	94.649	Y=-5.105	Z=-2.224
87	X=	99.659	Y=-5.063	Z=-2.341
88	X=	104.670	Y=-5.009	Z=-2.457
89	X=	109.680	Y=-4.943	Z=-2.573
90	X=	114.691	Y=-4.866	Z=-2.688
91	X=	119.701	Y=-4.776	Z=-2.802
92	X=	124.711	Y=-4.675	Z=-2.916
93	X=	129.720	Y=-4.562	Z=-3.030
94	X=	134.730	Y=-4.436	Z=-3.143
95	X=	139.739	Y=-4.299	Z=-3.256
96	X=	144.747	Y=-4.150	Z=-3.368
97	X=	149.756	Y=-3.989	Z=-3.480
98	X=	154.764	Y=-3.816	Z=-3.591
99	X=	159.371	Y=-3.646	Z=-3.693
100	X=	0.000	Y=0.000	Z=-1.400
101	X=	0.036	Y=0.949	Z=-1.400
102	X=	-0.036	Y=-0.949	Z=-1.400
103	X=	49.604	Y=-1.294	Z=-2.726
104	X=	49.616	Y=-0.444	Z=-2.726
105	X=	49.592	Y=-2.144	Z=-2.726
106	X=	109.628	Y=-1.294	Z=-4.146
107	X=	109.616	Y=-0.444	Z=-4.146
108	X=	109.640	Y=-2.144	Z=-4.146
109	X=	159.232	Y=0.001	Z=-5.166
110	X=	159.196	Y=0.951	Z=-5.166
111	X=	159.268	Y=-0.948	Z=-5.166
112	X=	-0.278	Y=-7.295	Z=-1.254
113	X=	-0.242	Y=-6.345	Z=-1.254
114	X=	-0.315	Y=-8.244	Z=-1.254
115	X=	49.500	Y=-8.594	Z=-2.580
116	X=	49.512	Y=-7.744	Z=-2.580
117	X=	49.488	Y=-9.443	Z=-2.580
118	X=	109.733	Y=-8.593	Z=-4.000
119	X=	109.721	Y=-7.743	Z=-4.000
120	X=	109.745	Y=-9.443	Z=-4.000
121	X=	159.511	Y=-7.293	Z=-5.020
122	X=	159.474	Y=-6.344	Z=-5.020
123	X=	159.547	Y=-8.243	Z=-5.020

LOCAL

ADD=	101	ANG=-1.616
ADD=	102	ANG=-0.624
ADD=	104	ANG=-1.622
ADD=	105	ANG=0.000
ADD=	107	ANG=0.819
ADD=	108	ANG=0.819

ADD= 110 ANG=3.573
ADD= 111 ANG=1.380
ADD= 113 ANG=2.190
ADD= 114 ANG=3.176
ADD= 116 ANG=5.321
ADD= 117 ANG=6.919
ADD= 119 ANG=0.819
ADD= 120 ANG=0.819
ADD= 122 ANG=-4.818
ADD= 123 ANG=-6.967

RESTRAINT

ADD= 101 DOF= U3,
ADD= 102 DOF= U2, U3,
ADD= 104 DOF= U3,
ADD= 105 DOF= U2, U3,
ADD= 107 DOF= U1, U3,
ADD= 108 DOF= U1, U2, U3,
ADD= 110 DOF= U3,
ADD= 111 DOF= U2, U3,
ADD= 113 DOF= U3,
ADD= 114 DOF= U3,
ADD= 116 DOF= U3,
ADD= 117 DOF= U3,
ADD= 119 DOF= U1, U3,
ADD= 120 DOF= U1, U3,
ADD= 122 DOF= U3,
ADD= 123 DOF= U3,

MATERIAL

Name=1
E=2.05e+008
Name=2
E=2.05e+008
Name=3
E=2.05e+008
Name=4
E=2.05e+008
Name=5
E=2.05e+008
Name=6
E=2.05e+008
Name=7
E=2.05e+008

FRAME SECTION

Name= 1 Mat= 1 A=0.53753 I=0.47889766, 1.38951199 J=0.28504644 ; GIRDER
 Name= 2 Mat= 2 A=0.36881 I=0.46093207, 0.85720660 J=0.30211549 ; GIRDER
 Name= 3 Mat= 3 A=0.36881 I=0.48848108, 0.85948440 J=0.30211549 ; GIRDER
 Name= 4 Mat= 4 A=0.40661 I=0.62021147, 0.88463307 J=0.34307770 ; GIRDER
 Name= 5 Mat= 5 A=0.02020 I=0.00492934, 0.00005411 J=0.00000078 ; CROSSBEAM
 Name= 6 Mat= 6 A=0.01520 I=0.00161357, 0.00005407 J=0.00000061 ; STRINGER
 Name= 7 Mat= 7 A=10.00000 I=10.00000000, 10.00000000 J=10.00000000 ; SHOE
 Name= 8 Type=Nonpr Sec= 1, 2 Eivar=2,1
 Name= 9 Type=Nonpr Sec= 2, 1
 Name= 10 Type=Nonpr Sec= 2, 3
 Name= 11 Type=Nonpr Sec= 3, 2
 Name= 12 Type=Nonpr Sec= 3, 4
 Name= 13 Type=Nonpr Sec= 4, 3

FRAME

1 J= 1, 2 Sec= 8 Local=12 Pldir=+Z,+X NSEG=4
 2 J= 2, 3 Sec= 2
 3 J= 3, 4 Sec= 2
 4 J= 4, 5 Sec= 2
 5 J= 5, 6 Sec= 2
 6 J= 6, 7 Sec= 2
 7 J= 7, 8 Sec= 2
 8 J= 8, 9 Sec=10
 9 J= 9, 10 Sec=12
 10 J= 10, 11 Sec= 4
 11 J= 11, 12 Sec= 4
 12 J= 12, 13 Sec=13
 13 J= 13, 14 Sec=11
 14 J= 14, 15 Sec= 2
 15 J= 15, 16 Sec= 2
 16 J= 16, 17 Sec= 2
 17 J= 17, 18 Sec= 2
 18 J= 18, 19 Sec= 2
 19 J= 19, 20 Sec= 2
 20 J= 20, 21 Sec=10
 21 J= 21, 22 Sec=12
 22 J= 22, 23 Sec= 4
 23 J= 23, 24 Sec= 4
 24 J= 24, 25 Sec=13
 25 J= 25, 26 Sec=11
 26 J= 26, 27 Sec= 2
 27 J= 27, 28 Sec= 2
 28 J= 28, 29 Sec= 2
 29 J= 29, 30 Sec= 2
 30 J= 30, 31 Sec= 2
 31 J= 31, 32 Sec= 2

32 J= 32, 33 Sec= 9
33 J= 34, 35 Sec= 8
34 J= 35, 36 Sec= 2
35 J= 36, 37 Sec= 2
36 J= 37, 38 Sec= 2
37 J= 38, 39 Sec= 2
38 J= 39, 40 Sec= 2
39 J= 40, 41 Sec= 2
40 J= 41, 42 Sec=10
41 J= 42, 43 Sec=12
42 J= 43, 44 Sec= 4
43 J= 44, 45 Sec= 4
44 J= 45, 46 Sec=13
45 J= 46, 47 Sec=11
46 J= 47, 48 Sec= 2
47 J= 48, 49 Sec= 2
48 J= 49, 50 Sec= 2
49 J= 50, 51 Sec= 2
50 J= 51, 52 Sec= 2
51 J= 52, 53 Sec= 2
52 J= 53, 54 Sec=10
53 J= 54, 55 Sec=12
54 J= 55, 56 Sec= 4
55 J= 56, 57 Sec= 4
56 J= 57, 58 Sec=13
57 J= 58, 59 Sec=11
58 J= 59, 60 Sec= 2
59 J= 60, 61 Sec= 2
60 J= 61, 62 Sec= 2
61 J= 62, 63 Sec= 2
62 J= 63, 64 Sec= 2
63 J= 64, 65 Sec= 2
64 J= 65, 66 Sec= 9
65 J= 1, 67 Sec= 5 IOFF=1.250 JOFF=0.000 RIGID=1.0
66 J= 67, 34 Sec= 5 IOFF=0.000 JOFF=1.250 RIGID=1.0
67 J= 2, 68 Sec= 5 IOFF=1.250 JOFF=0.000 RIGID=1.0
68 J= 68, 35 Sec= 5 IOFF=0.000 JOFF=1.250 RIGID=1.0
69 J= 3, 69 Sec= 5 IOFF=1.250 JOFF=0.000 RIGID=1.0
70 J= 69, 36 Sec= 5 IOFF=0.000 JOFF=1.250 RIGID=1.0
71 J= 4, 70 Sec= 5 IOFF=1.250 JOFF=0.000 RIGID=1.0
72 J= 70, 37 Sec= 5 IOFF=0.000 JOFF=1.250 RIGID=1.0
73 J= 5, 71 Sec= 5 IOFF=1.250 JOFF=0.000 RIGID=1.0
74 J= 71, 38 Sec= 5 IOFF=0.000 JOFF=1.250 RIGID=1.0
75 J= 6, 72 Sec= 5 IOFF=1.250 JOFF=0.000 RIGID=1.0
76 J= 72, 39 Sec= 5 IOFF=0.000 JOFF=1.250 RIGID=1.0
77 J= 7, 73 Sec= 5 IOFF=1.250 JOFF=0.000 RIGID=1.0

78	J= 73,	40	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
79	J= 8,	74	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
80	J= 74,	41	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
81	J= 9,	75	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
82	J= 75,	42	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
83	J= 10,	76	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
84	J= 76,	43	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
85	J= 11,	77	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
86	J= 77,	44	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
87	J= 12,	78	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
88	J= 78,	45	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
89	J= 13,	79	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
90	J= 79,	46	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
91	J= 14,	80	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
92	J= 80,	47	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
93	J= 15,	81	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
94	J= 81,	48	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
95	J= 16,	82	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
96	J= 82,	49	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
97	J= 17,	83	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
98	J= 83,	50	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
99	J= 18,	84	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
100	J= 84,	51	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
101	J= 19,	85	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
102	J= 85,	52	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
103	J= 20,	86	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
104	J= 86,	53	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
105	J= 21,	87	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
106	J= 87,	54	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
107	J= 22,	88	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
108	J= 88,	55	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
109	J= 23,	89	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
110	J= 89,	56	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
111	J= 24,	90	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
112	J= 90,	57	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
113	J= 25,	91	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
114	J= 91,	58	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
115	J= 26,	92	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
116	J= 92,	59	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
117	J= 27,	93	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
118	J= 93,	60	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
119	J= 28,	94	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
120	J= 94,	61	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
121	J= 29,	95	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
122	J= 95,	62	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
123	J= 30,	96	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0

124	J= 96,	63	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
125	J= 31,	97	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
126	J= 97,	64	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
127	J= 32,	98	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
128	J= 98,	65	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
129	J= 33,	99	Sec= 5	IOFF=1.250	JOFF=0.000	RIGID=1.0
130	J= 99,	66	Sec= 5	IOFF=0.000	JOFF=1.250	RIGID=1.0
131	J= 67,	68	Sec= 6			
132	J= 68,	69	Sec= 6			
133	J= 69,	70	Sec= 6			
134	J= 70,	71	Sec= 6			
135	J= 71,	72	Sec= 6			
136	J= 72,	73	Sec= 6			
137	J= 73,	74	Sec= 6			
138	J= 74,	75	Sec= 6			
139	J= 75,	76	Sec= 6			
140	J= 76,	77	Sec= 6			
141	J= 77,	78	Sec= 6			
142	J= 78,	79	Sec= 6			
143	J= 79,	80	Sec= 6			
144	J= 80,	81	Sec= 6			
145	J= 81,	82	Sec= 6			
146	J= 82,	83	Sec= 6			
147	J= 83,	84	Sec= 6			
148	J= 84,	85	Sec= 6			
149	J= 85,	86	Sec= 6			
150	J= 86,	87	Sec= 6			
151	J= 87,	88	Sec= 6			
152	J= 88,	89	Sec= 6			
153	J= 89,	90	Sec= 6			
154	J= 90,	91	Sec= 6			
155	J= 91,	92	Sec= 6			
156	J= 92,	93	Sec= 6			
157	J= 93,	94	Sec= 6			
158	J= 94,	95	Sec= 6			
159	J= 95,	96	Sec= 6			
160	J= 96,	97	Sec= 6			
161	J= 97,	98	Sec= 6			
162	J= 98,	99	Sec= 6			
163	J= 1,	100	Sec= 7			
164	J=101,	100	Sec= 7			
165	J=100,	102	Sec= 7			
166	J= 11,	103	Sec= 7			
167	J=104,	103	Sec= 7			
168	J=103,	105	Sec= 7			
169	J= 23,	106	Sec= 7			

170 J=107, 106 Sec= 7
 171 J=106, 108 Sec= 7
 172 J= 33, 109 Sec= 7
 173 J=110, 109 Sec= 7
 174 J=109, 111 Sec= 7
 175 J= 34, 112 Sec= 7
 176 J=113, 112 Sec= 7
 177 J=112, 114 Sec= 7
 178 J= 44, 115 Sec= 7
 179 J=116, 115 Sec= 7
 180 J=115, 117 Sec= 7
 181 J= 56, 118 Sec= 7
 182 J=119, 118 Sec= 7
 183 J=118, 120 Sec= 7
 184 J= 66, 121 Sec= 7
 185 J=122, 121 Sec= 7
 186 J=121, 123 Sec= 7

LANE

; Case = 1 ----- G1 Max DB 1선

Name=L1G1

Path= 1, 10, 1, Ecc=0.465

Path= 11, 22, 1, Ecc=0.465

Path= 23, 32, 1, Ecc=0.465

Name=L1G1S1

Path= 131, 140, 1, Ecc=0.000

Path= 141, 152, 1, Ecc=0.000

Path= 153, 162, 1, Ecc=0.000

Name=L1G2

Path= 33, 42, 1, Ecc=1.715

Path= 43, 54, 1, Ecc=1.715

Path= 55, 64, 1, Ecc=1.715

; Case = 2 ----- G1 Max DB 2선

Name=L2G1

Path= 1, 10, 1, Ecc=0.008

Path= 11, 22, 1, Ecc=0.008

Path= 23, 32, 1, Ecc=0.008

Name=L2G1S1

Path= 131, 140, 1, Ecc=0.000

Path= 141, 152, 1, Ecc=0.000

Path= 153, 162, 1, Ecc=0.000

Name=L2G2

Path= 33, 42, 1, Ecc=1.730

Path= 43, 54, 1, Ecc=1.730

Path= 55, 64, 1, Ecc=1.730

; Case = 3 ----- G1 Max DB 3선

Name=L3G1

Path= 1, 10, 1, Ecc=0.009

Path= 11, 22, 1, Ecc=0.009

Path= 23, 32, 1, Ecc=0.009

Name=L3G1S1

Path= 131, 140, 1, Ecc=0.000

Path= 141, 152, 1, Ecc=0.000

Path= 153, 162, 1, Ecc=0.000

Name=L3G2

Path= 33, 42, 1, Ecc=0.733

Path= 43, 54, 1, Ecc=0.733

Path= 55, 64, 1, Ecc=0.733

; Case = 4 ----- G2 Max DB 1선

Name=L4G1

Path= 1, 10, 1, Ecc=-1.715

Path= 11, 22, 1, Ecc=-1.715

Path= 23, 32, 1, Ecc=-1.715

Name=L4G1S1

Path= 131, 140, 1, Ecc=0.000

Path= 141, 152, 1, Ecc=0.000

Path= 153, 162, 1, Ecc=0.000

Name=L4G2

Path= 33, 42, 1, Ecc=-0.277

Path= 43, 54, 1, Ecc=-0.277

Path= 55, 64, 1, Ecc=-0.277

; Case = 5 ----- G2 Max DB 2선

Name=L5G1

Path= 1, 10, 1, Ecc=-1.702

Path= 11, 22, 1, Ecc=-1.702

Path= 23, 32, 1, Ecc=-1.702

Name=L5G1S1

Path= 131, 140, 1, Ecc=0.000

Path= 141, 152, 1, Ecc=0.000

Path= 153, 162, 1, Ecc=0.000

Name=L5G2

Path= 33, 42, 1, Ecc=0.085

Path= 43, 54, 1, Ecc=0.085

Path= 55, 64, 1, Ecc=0.085

; Case = 6 ----- G2 Max DB 3선

Name=L6G1

Path= 1, 10, 1, Ecc=-0.657

Path= 11, 22, 1, Ecc=-0.657
 Path= 23, 32, 1, Ecc=-0.657
 Name=L6G1S1
 Path= 131, 140, 1, Ecc=0.000
 Path= 141, 152, 1, Ecc=0.000
 Path= 153, 162, 1, Ecc=0.000
 Name=L6G2
 Path= 33, 42, 1, Ecc=0.092
 Path= 43, 54, 1, Ecc=0.092
 Path= 55, 64, 1, Ecc=0.092

; Case = 7 ----- G1 Max DL 1선

Name=L7G1
 Path= 1, 10, 1, Ecc=0.459
 Path= 11, 22, 1, Ecc=0.459
 Path= 23, 32, 1, Ecc=0.459
 Name=L7G1S1
 Path= 131, 140, 1, Ecc=0.000
 Path= 141, 152, 1, Ecc=0.000
 Path= 153, 162, 1, Ecc=0.000
 Name=L7G2
 Path= 33, 42, 1, Ecc=1.715
 Path= 43, 54, 1, Ecc=1.715
 Path= 55, 64, 1, Ecc=1.715

; Case = 8 ----- G1 Max DL 2선

Name=L8G1
 Path= 1, 10, 1, Ecc=0.011
 Path= 11, 22, 1, Ecc=0.011
 Path= 23, 32, 1, Ecc=0.011
 Name=L8G1S1
 Path= 131, 140, 1, Ecc=0.000
 Path= 141, 152, 1, Ecc=0.000
 Path= 153, 162, 1, Ecc=0.000
 Name=L8G2
 Path= 33, 42, 1, Ecc=2.209
 Path= 43, 54, 1, Ecc=2.209
 Path= 55, 64, 1, Ecc=2.209

; Case = 9 ----- G1 Max DL 3선

Name=L9G1
 Path= 1, 10, 1, Ecc=0.007
 Path= 11, 22, 1, Ecc=0.007
 Path= 23, 32, 1, Ecc=0.007
 Name=L9G1S1
 Path= 131, 140, 1, Ecc=0.000

Path= 141, 152, 1, Ecc=0.000
Path= 153, 162, 1, Ecc=0.000
Name=L9G2
Path= 33, 42, 1, Ecc=0.750
Path= 43, 54, 1, Ecc=0.750
Path= 55, 64, 1, Ecc=0.750

; Case = 10 ----- G2 Max DL 1선

Name=L10G1
Path= 1, 10, 1, Ecc=-1.715
Path= 11, 22, 1, Ecc=-1.715
Path= 23, 32, 1, Ecc=-1.715
Name=L10G1S1
Path= 131, 140, 1, Ecc=0.000
Path= 141, 152, 1, Ecc=0.000
Path= 153, 162, 1, Ecc=0.000
Name=L10G2
Path= 33, 42, 1, Ecc=-0.268
Path= 43, 54, 1, Ecc=-0.268
Path= 55, 64, 1, Ecc=-0.268

; Case = 11 ----- G2 Max DL 2선

Name=L11G1
Path= 1, 10, 1, Ecc=-1.611
Path= 11, 22, 1, Ecc=-1.611
Path= 23, 32, 1, Ecc=-1.611
Name=L11G1S1
Path= 131, 140, 1, Ecc=0.000
Path= 141, 152, 1, Ecc=0.000
Path= 153, 162, 1, Ecc=0.000
Name=L11G2
Path= 33, 42, 1, Ecc=0.080
Path= 43, 54, 1, Ecc=0.080
Path= 55, 64, 1, Ecc=0.080

; Case = 12 ----- G2 Max DL 3선

Name=L12G1
Path= 1, 10, 1, Ecc=-0.666
Path= 11, 22, 1, Ecc=-0.666
Path= 23, 32, 1, Ecc=-0.666
Name=L12G1S1
Path= 131, 140, 1, Ecc=0.000
Path= 141, 152, 1, Ecc=0.000
Path= 153, 162, 1, Ecc=0.000
Name=L12G2
Path= 33, 42, 1, Ecc=0.090

Path= 43, 54, 1, Ecc=0.090
Path= 55, 64, 1, Ecc=0.090

VEHICLES

Name=1 TYPE=Gen ; DB-24
P=24.000
D=4.200 P=96.000
D=4.200 9.000 P=96.000

Name=2 TYPE=Gen ; DL-24
W=4.233 PM=36.000 PXM=52.000

Vehicle Class

Name=1
Vehi=1
Name=2
Vehi=2

Bridge Response

Elem=Frame
Add=*
Elem=Joint Type=DISP
Add=*
Elem=Joint Type=REAC
Add=*

MOVING LOAD

Name= 1 Rf=1.000 ; G1 Max DB 1선
Lane= L1G1 Class=1 Lmin= 1 Lmax= 1 Sf=2.096
Lane= L1G2 Class=1 Lmin= 1 Lmax= 1 Sf=0.025

Name= 2 Rf=1.000 ; G1 Max DB 2선
Lane= L2G1 Class=1 Lmin= 1 Lmax= 1 Sf=2.728
Lane= L2G1S1 Class=1 Lmin= 1 Lmax= 1 Sf=1.257
Lane= L2G2 Class=1 Lmin= 1 Lmax= 1 Sf=0.014

Name= 3 Rf=0.900 ; G1 Max DB 3선
Lane= L3G1 Class=1 Lmin= 1 Lmax= 1 Sf=2.726
Lane= L3G1S1 Class=1 Lmin= 1 Lmax= 1 Sf=1.269
Lane= L3G2 Class=1 Lmin= 1 Lmax= 1 Sf=2.005

Name= 4 Rf=1.000 ; G2 Max DB 1선
Lane= L4G1 Class=1 Lmin= 1 Lmax= 1 Sf=0.029
Lane= L4G2 Class=1 Lmin= 1 Lmax= 1 Sf=2.114

Name= 5 Rf=1.000 ; G2 Max DB 2선
Lane= L5G1 Class=1 Lmin= 1 Lmax= 1 Sf=0.065
Lane= L5G1S1 Class=1 Lmin= 1 Lmax= 1 Sf=1.294
Lane= L5G2 Class=1 Lmin= 1 Lmax= 1 Sf=2.641

Name= 6 Rf=0.900 ; G2 Max DB 3선
Lane= L6G1 Class=1 Lmin= 1 Lmax= 1 Sf=2.106
Lane= L6G1S1 Class=1 Lmin= 1 Lmax= 1 Sf=1.242
Lane= L6G2 Class=1 Lmin= 1 Lmax= 1 Sf=2.651

Name= 7 Rf=1.000 ; G1 Max DL 1선
Lane= L7G1 Class=2 Lmin= 1 Lmax= 1 Sf=3.148
Lane= L7G2 Class=2 Lmin= 1 Lmax= 1 Sf=0.038

Name= 8 Rf=1.000 ; G1 Max DL 2선
Lane= L8G1 Class=2 Lmin= 1 Lmax= 1 Sf=4.075
Lane= L8G1S1 Class=2 Lmin= 1 Lmax= 1 Sf=1.931

Name= 9 Rf=0.900 ; G1 Max DL 3선
Lane= L9G1 Class=2 Lmin= 1 Lmax= 1 Sf=4.084
Lane= L9G1S1 Class=2 Lmin= 1 Lmax= 1 Sf=1.901
Lane= L9G2 Class=2 Lmin= 1 Lmax= 1 Sf=3.015

Name= 10 Rf=1.000 ; G2 Max DL 1선
Lane= L10G1 Class=2 Lmin= 1 Lmax= 1 Sf=0.046
Lane= L10G2 Class=2 Lmin= 1 Lmax= 1 Sf=3.179

Name= 11 Rf=1.000 ; G2 Max DL 2선
Lane= L11G1 Class=2 Lmin= 1 Lmax= 1 Sf=0.064
Lane= L11G1S1 Class=2 Lmin= 1 Lmax= 1 Sf=1.998
Lane= L11G2 Class=2 Lmin= 1 Lmax= 1 Sf=3.938

Name= 12 Rf=0.900 ; G2 Max DL 3선
Lane= L12G1 Class=2 Lmin= 1 Lmax= 1 Sf=3.154
Lane= L12G1S1 Class=2 Lmin= 1 Lmax= 1 Sf=1.882
Lane= L12G2 Class=2 Lmin= 1 Lmax= 1 Sf=3.963

COMBO

Name=G1XDB1 Type=ENVE ; G1 Max DB 1선
MOVE=1 sf=1.167

Name=G1XDB2 Type=ENVE ; G1 Max DB 2선
MOVE=2 sf=1.167

Name=G1XDB3 Type=ENVE ; G1 Max DB 3선
MOVE=3 sf=1.167

Name=G2XDB1 Type=ENVE ; G2 Max DB 1선
MOVE=4 sf=1.167

Name=G2XDB2 Type=ENVE ; G2 Max DB 2선
MOVE=5 sf=1.167

Name=G2XDB3 Type=ENVE ; G2 Max DB 3선
MOVE=6 sf=1.167

Name=G1XDL1 Type=ENVE ; G1 Max DL 1선
MOVE=7 sf=1.167

Name=G1XDL2 Type=ENVE ; G1 Max DL 2선
MOVE=8 sf=1.167

Name=G1XDL3 Type=ENVE ; G1 Max DL 3선
MOVE=9 sf=1.167

Name=G2XDL1 Type=ENVE ; G2 Max DL 1선
MOVE=10 sf=1.167

Name=G2XDL2 Type=ENVE ; G2 Max DL 2선
MOVE=11 sf=1.167

Name=G2XDL3 Type=ENVE ; G2 Max DL 3선
MOVE=12 sf=1.167

Name=DB Type=ENVE ;
COMB=G1XDB1 sf=1.000
COMB=G1XDB2 sf=1.000
COMB=G1XDB3 sf=1.000
COMB=G2XDB1 sf=1.000
COMB=G2XDB2 sf=1.000
COMB=G2XDB3 sf=1.000

Name=DL Type=ENVE ;
COMB=G1XDL1 sf=1.000
COMB=G1XDL2 sf=1.000
COMB=G1XDL3 sf=1.000
COMB=G2XDL1 sf=1.000
COMB=G2XDL2 sf=1.000
COMB=G2XDL3 sf=1.000

Name=CAR Type=ENVE ;
COMB=DB sf=1.000

COMB=DL sf=1.000

Name=DESIGN Type=ENVE ;
COMB=CAR sf=1.000

OUTPUT
ELEM=JOINT TYPE=DISP,REAC LOAD=* COMB=*
ELEM=FRAME TYPE=FORCE LOAD=* COMB=*