

■ 청도1교 대구방향(P9)

상부 output

： AAbutPier SAP2000 6-7 데이터파일： 교각 본체

ASSEMBLED JOINT MASSE

IN GLOBAL COORDINATES

JOINT RX	UX RY	UY RZ	UZ
1	12.293578	12.293578	12.293578
2	14.453364	14.453364	14.453364
3	2.431193	2.431193	2.431193
4	7.901376	7.901376	7.901376
5	68.294856	68.294856	68.294856
6	17.438520	17.438520	17.438520
7	12.721076	12.721076	12.721076
8	5.003823	5.003823	5.003823
9	2.576453	2.576453	2.576453
10	4.013762	4.013762	4.013762
11	10.281282	10.281282	10.281282
12	14.326899	14.326899	14.326899
13	65.784344	65.784344	65.784344
14	6.522362	6.522362	6.522362
15	2.006881	2.006881	2.006881
16	11.730696	11.730696	11.730696
17	9.747706	9.747706	9.747706
18	53.910300	53.910300	53.910300
19	53.910300	53.910300	53.910300

TOTAL ASSEMBLED JOINT

IN GLOBAL COORDINATES

RX	UX RY	UY RZ	UZ
TOTAL	375.348769	375.348769	375.348769

TOTAL ACCELERATED MAS

S AND LOCATION

TOTAL MASS ACTIVATED BY ACCELERATION

LOADS, IN GLOBAL COORDINATES

Program SAP2000 Nonlinear Version 7.42

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： AAbutPier SAP2000 6-7 데이터파일： 교각 본체

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL

COORDINATES

LOAD	D	JOINT RX	UX RY	UY RZ	UZ
1	-8.29E-05	1.10E-20	-0.001356		
2	-0.000161	-0.93E-21	-0.001062		
3	-8.29E-05	5.58E-21	-0.001042		
4	-0.000159	-3.01E-21	-0.001013		
5	-8.29E-05	4.67E-21	-0.001013		
6	-0.000159	-3.02E-21	-0.000811		
7	-8.29E-05	2.23E-21	-0.000811		
8	-0.000134	-3.12E-21	-0.000702		
9	-8.12E-05	-9.10E-22	-0.000602		
10	-0.000105	-7.89E-05	-0.000575		
11	-6.84E-23	-6.60E-05	-0.000575		
12	-7.80E-05	-6.78E-21	-0.000575		
13	-4.40E-23	-4.85E-05	-2.70E-21		
14	-3.42E-23	-7.76E-05	-6.89E-21		
15	-1.83E-23	-1.66E-05	-2.56E-21		
16	-2.13E-23	-7.71E-05	-7.33E-21		
17	-1.03E-22	-2.84E-05	-1.82E-21		
18	-1.58E-22	-7.58E-05	-7.78E-21		
19	-1.58E-22	-4.28E-06	1.05E-23		
20	-1.58E-22	-7.31E-05	-5.71E-21		
21	-1.58E-22	6.78E-05	2.88E-21		
22	-1.58E-22	-7.10E-05	-2.23E-21		
23	-1.58E-22	0.000110	4.26E-21		
24	-1.58E-22	-7.10E-05	-8.78E-21		
25	-1.58E-22	0.000147	5.59E-21		
26	-1.58E-22	-7.10E-05	2.85E-21		
27	-1.58E-22	0.000148	5.61E-21		
28	-1.58E-22	-7.10E-05	3.55E-21		
29	-1.58E-22	0.000149	5.63E-21		
30	-1.58E-22	-7.10E-05	1.38E-20		
31	-1.58E-22	0.000151	5.74E-21		
32	-1.58E-22	0.000000	0.000000		
33	-1.58E-22	0.000000	0.000000		
34	-1.58E-22	0.000000	0.000000		

LOAD L1

JOINT RX	UX RY	UY RZ	UZ
1	5.73E-05	4.17E-21	-0.000353
2	-5.88E-23	-4.10E-05	-0.000280
3	-5.88E-23	-4.10E-05	-0.000275
4	-5.88E-23	1.96E-21	-0.000267
5	-5.88E-23	4.10E-05	-0.000211
6	-5.88E-23	5.73E-05	-0.000182
7	-5.88E-23	-3.42E-05	-0.000157

-2.55E-23	-1.32E-05	-1.16E-21	-0.000152
8	5.90E-05	-2.40E-21	-0.000151
-1.64E-23	-6.88E-06	-1.03E-21	-0.000151
9	5.92E-05	-2.59E-21	-0.000151
-1.28E-23	-4.34E-06	-9.76E-22	-0.000151
-6.85E-24	6.01E-07	-6.99E-22	-0.000154
10	5.93E-05	-2.94E-21	-0.000185
7.94E-24	1.30E-05	-3.53E-24	-0.000229
11	5.98E-05	-2.94E-21	-0.000311
12	6.08E-05	-2.15E-21	-0.000323
13	6.15E-05	-8.33E-22	-0.000311
14	6.15E-05	6.95E-22	-0.000311
15	6.15E-05	1.06E-21	-0.000323
16	6.15E-05	1.31E-21	-0.000331
17	6.15E-05	5.03E-21	-0.000449
18	6.15E-05	2.06E-21	-0.000000
19	6.15E-05	2.06E-21	-0.000000
20	6.15E-05	2.06E-21	-0.000000
21	6.15E-05	2.06E-21	-0.000000
22	6.15E-05	2.06E-21	-0.000000
23	6.15E-05	2.06E-21	-0.000000
24	6.15E-05	2.06E-21	-0.000000
25	6.15E-05	2.06E-21	-0.000000
26	6.15E-05	2.06E-21	-0.000000
27	6.15E-05	2.06E-21	-0.000000
28	6.15E-05	2.06E-21	-0.000000
29	6.15E-05	2.06E-21	-0.000000
30	6.15E-05	2.06E-21	-0.000000
31	6.15E-05	2.06E-21	-0.000000
32	6.15E-05	2.06E-21	-0.000000
33	6.15E-05	2.06E-21	-0.000000
34	6.15E-05	2.06E-21	-0.000000
35	6.15E-05	2.06E-21	-0.000000
36	6.15E-05	2.06E-21	-0.000000
37	6.15E-05	2.06E-21	-0.000000
38	6.15E-05	2.06E-21	-0.000000
39	6.15E-05	2.06E-21	-0.000000
40	6.15E-05	2.06E-21	-0.000000
41	6.15E-05	2.06E-21	-0.000000
42	6.15E-05	2.06E-21	-0.000000
43	6.15E-05	2.06E-21	-0.000000
44	6.15E-05	2.06E-21	-0.000000
45	6.15E-05	2.06E-21	-0.000000
46	6.15E-05	2.06E-21	-0.000000
47	6.15E-05	2.06E-21	-0.000000
48	6.15E-05	2.06E-21	-0.000000
49	6.15E-05	2.06E-21	-0.000000
50	6.15E-05	2.06E-21	-0.000000
51	6.15E-05	2.06E-21	-0.000000
52	6.15E-05	2.06E-21	-0.000000
53	6.15E-05	2.06E-21	-0.000000
54	6.15E-05	2.06E-21	-0.000000
55	6.15E-05	2.06E-21	-0.000000
56	6.15E-05	2.06E-21	-0.000000
57	6.15E-05	2.06E-21	-0.000000
58	6.15E-05	2.06E-21	-0.000000
59	6.15E-05	2.06E-21	-0.000000
60	6.15E-05	2.06E-21	-0.000000
61	6.15E-05	2.06E-21	-0.000000
62	6.15E-05	2.06E-21	-0.000000
63	6.15E-05	2.06E-21	-0.000000
64	6.15E-05	2.06E-21	-0.000000
65	6.15E-05	2.06E-21	-0.000000
66	6.15E-05	2.06E-21	-0.000000
67	6.15E-05	2.06E-21	-0.000000
68	6.15E-05	2.06E-21	-0.000000
69	6.15E-05	2.06E-21	-0.000000
70	6.15E-05	2.06E-21	-0.000000
71	6.15E-05	2.06E-21	-0.000000
72	6.15E-05	2.06E-21	-0.000000
73	6.15E-05	2.06E-21	-0.000000
74	6.15E-05	2.06E-21	-0.000000
75	6.15E-05	2.06E-21	-0.000000
76	6.15E-05	2.06E-21	-0.000000
77	6.15E-05	2.06E-21	-0.000000
78	6.15E-05	2.06E-21	-0.000000
79	6.15E-05	2.06E-21	-0.000000
80	6.15E-05	2.06E-21	-0.000000
81	6.15E-05	2.06E-21	-0.000000
82	6.15E-05	2.06E-21	-0.000000
83	6.15E-05	2.06E-21	-0.000000
84	6.15E-05	2.06E-21	-0.000000
85	6.15E-05	2.06E-21	-0.000000
86	6.15E-05	2.06E-21	-0.000000
87	6.15E-05	2.06E-21	-0.000000
88	6.15E-05	2.06E-21	-0.000000
89	6.15E-05	2.06E-21	-0.000000
90	6.15E-05	2.06E-21	-0.000000
91	6.15E-05	2.06E-21	-0.000000
92	6.15E-05	2.06E-21	-0.000000
93	6.15E-05	2.06E-21	-0.000000
94	6.15E-05	2.06E-21	-0.000000
95	6.15E-05	2.06E-21	-0.000000
96	6.15E-05	2.06E-21	-0.000000
97	6.15E-05	2.06E-21	-0.000000
98	6.15E-05	2.06E-21	-0.000000
99	6.15E-05	2.06E-21	-0.000000
100	6.15E-05	2.06E-21	-0.000000

LOAD W-LO

RX	RY	RZ	
1	3.98E-23	0.000688	5.94E-24
-8.59E-05	1.91E-24	-3.07E-06	
2	3.98E-23	0.000682	1.79E-24
-8.59E-05	2.71E-24	-3.00E-06	
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2.12E-25 1.97E-07 9.01E-25 -3.15E-07
13 1.31E-05 -4.62E-24
3.26E-25 3.17E-07 5.05E-24 -5.68E-07
14 1.31E-05 -5.77E-25
3.26E-25 3.17E-07 5.05E-24 -6.24E-07
15 1.31E-05 3.07E-25
3.26E-25 3.17E-07 5.05E-24 -6.64E-07
16 1.31E-05 9.38E-25
3.26E-25 3.17E-07 5.05E-24 -1.23E-06
17 1.31E-05 0.000140E-23
3.26E-25 3.17E-07 5.05E-24 0.000000
18 0.00000 0.000000 0.000000
0.00000 0.000000 0.000000
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT RX UY UZ
1 0.00000 0.00000 0.00000
2 0.00000 0.00000 0.00000

COMB SVB01 ----- MAX

JOINT RX UY UZ
1 2.56E-05 1.52E-20 -0.001709
2 -0.000202 -4.18E-21 -0.001342
3 -0.000201 4.16E-21 -0.001316
4 -0.000200 -4.16E-21 -0.001281
5 -0.000200 6.43E-21 -0.001281
6 -0.000200 4.16E-21 -0.001281
7 -0.000169 -4.30E-21 -0.001022
8 -2.30E-05 -1.52E-21 -0.000883
9 -0.000131 -4.58E-21 -0.000759
10 -2.03E-05 -6.78E-21 -0.000759
11 -7.92E-05 -4.22E-21 -0.000727
12 -1.89E-05 -8.76E-21 -0.000727
13 -5.53E-05 -3.73E-21 -0.000717
14 -4.69E-23 -4.59E-05 -0.000717
15 -1.77E-05 -1.01E-20 -0.000710
16 -2.78E-05 -2.52E-21 -0.000708
17 -1.61E-05 -1.07E-20 -0.000708
18 2.92E-23 1.73E-05 6.94E-24
19 1.41E-22 0.000105 7.87E-21
20 9.49E-06 -3.06E-21 -0.000912
21 2.16E-22 0.000163 5.86E-21
22 14 -9.49E-06 2.56E-21 -0.001187
23 2.16E-22 0.000213 7.65E-21
24 15 -9.49E-06 3.90E-21 -0.001226
25 2.16E-22 0.000214 7.68E-21
26 16 -9.49E-06 4.86E-21 -0.001253
27 2.16E-22 0.000214 7.69E-21
28 17 -9.49E-06 1.88E-20 -0.001645
29 2.16E-22 0.000217 7.80E-21
30 18 0.00000 0.00000 0.00000
31 0.00000 0.00000 0.00000
32 19 0.00000 0.00000 0.00000
33 0.00000 0.00000 0.00000

COMB SVB01 ----- MIN

JOINT RX UY UZ
1 2.56E-05 1.52E-20 -0.001709
2 -0.000202 -4.18E-21 -0.001342
3 -0.000201 4.16E-21 -0.001316
4 -0.000200 -4.16E-21 -0.001281
5 -0.000200 6.43E-21 -0.001281
6 -0.000200 4.16E-21 -0.001281
7 -0.000169 -4.30E-21 -0.001022
8 -2.30E-05 -1.52E-21 -0.000883
9 -0.000131 -4.58E-21 -0.000759
10 -2.03E-05 -6.78E-21 -0.000759
11 -7.92E-05 -4.22E-21 -0.000727
12 -1.89E-05 -8.76E-21 -0.000727
13 -5.53E-05 -3.73E-21 -0.000717
14 -4.69E-23 -4.59E-05 -0.000717
15 -1.77E-05 -1.01E-20 -0.000710
16 -2.78E-05 -2.52E-21 -0.000708
17 -1.61E-05 -1.07E-20 -0.000708
18 2.92E-23 1.73E-05 6.94E-24
19 1.41E-22 0.000105 7.87E-21
20 9.49E-06 -3.06E-21 -0.000912
21 2.16E-22 0.000163 5.86E-21
22 14 -9.49E-06 2.56E-21 -0.001187
23 2.16E-22 0.000213 7.65E-21
24 15 -9.49E-06 3.90E-21 -0.001226
25 2.16E-22 0.000214 7.68E-21
26 16 -9.49E-06 4.86E-21 -0.001253
27 2.16E-22 0.000214 7.69E-21
28 17 -9.49E-06 1.88E-20 -0.001645
29 2.16E-22 0.000217 7.80E-21
30 18 0.00000 0.00000 0.00000
31 0.00000 0.00000 0.00000
32 19 0.00000 0.00000 0.00000
33 0.00000 0.00000 0.00000
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB SVB02 ----- MAX

JOINT RX UY UZ
1 -8.29E-05 1.10E-20 -0.001356
2 -0.000161 -0.000161 -0.001062
3 -8.29E-05 5.58E-21 -0.001062
4 -0.000160 -3.01E-21 -0.001042
5 -8.29E-05 5.20E-21 -0.001042
6 -0.000159 -3.01E-21 -0.001042
7 -8.29E-05 4.67E-21 -0.001013
8 -0.000159 -3.02E-21 -0.001013
9 -8.29E-05 3.73E-21 -0.000811
10 -1.58E-22 0.000134 -3.12E-21
11 -8.12E-05 -9.10E-22 -0.000702
12 -0.000105 -6.33E-21 -0.000702
13 -7.89E-05 -4.93E-21 -0.000602
14 -6.84E-23 -6.60E-05 -0.000575
15 -4.40E-23 -4.85E-05 -0.000566
16 -3.42E-23 -4.16E-05 -0.000560
17 -1.83E-23 -2.84E-05 -0.000560

11 -7.58E-05 -7.78E-21 -0.000554
12 4.28E-06 1.05E-23 -0.000600
13 7.31E-05 5.71E-21 -0.000683
14 6.78E-05 2.88E-21 -0.000876
15 7.10E-05 2.23E-21 -0.000876
16 0.000110 4.26E-21 -0.000876
17 1.87E-21 1.87E-21 -0.000876
18 5.59E-21 5.59E-21 -0.000876
19 7.10E-05 2.85E-21 -0.000903
20 0.000140 5.16E-21 -0.000922
21 7.10E-05 3.55E-21 -0.000922
22 0.000149 5.63E-21 -0.000922
23 1.38E-20 1.38E-20 -0.001196
24 0.000151 5.74E-21 -0.001196
25 0.00000 0.000000 0.000000
26 0.00000 0.00000 0.000000
27 0.00000 0.00000 0.000000
28 0.00000 0.00000 0.000000
29 0.00000 0.00000 0.000000
30 0.00000 0.00000 0.000000

COMB SVB02 ----- MIN

JOINT RX UY UZ
1 -8.29E-05 1.10E-20 -0.001356
2 -0.000161 -0.000161 -0.001062
3 -8.29E-05 5.58E-21 -0.001062
4 -0.000160 -3.01E-21 -0.001042
5 -8.29E-05 5.20E-21 -0.001042
6 -0.000159 -3.01E-21 -0.001042
7 -8.29E-05 4.67E-21 -0.001013
8 -0.000159 -3.02E-21 -0.001013
9 -8.29E-05 2.23E-21 -0.000811
10 -0.000134 -3.12E-21 -0.000702
11 -8.12E-05 -9.10E-22 -0.000702
12 -0.000105 -6.33E-21 -0.000602
13 -7.89E-05 -4.93E-21 -0.000602
14 -6.84E-23 -6.60E-05 -0.000575
15 -4.40E-23 -4.85E-05 -0.000566
16 -3.42E-23 -4.16E-05 -0.000566
17 -1.83E-23 -2.84E-05 -0.000560
18 5.59E-21 5.59E-21 -0.000876
19 7.10E-05 2.85E-21 -0.000903
20 0.000140 5.16E-21 -0.000922
21 7.10E-05 3.55E-21 -0.000922
22 0.000149 5.63E-21 -0.000922
23 1.38E-20 1.38E-20 -0.001196
24 0.000151 5.74E-21 -0.001196
25 0.00000 0.000000 0.000000
26 0.00000 0.00000 0.000000
27 0.00000 0.00000 0.000000
28 0.00000 0.00000 0.000000
29 0.00000 0.00000 0.000000
30 0.00000 0.00000 0.000000

COMB SVB03 ----- MAX

JOINT RX UY UZ
1 -8.29E-05 1.10E-20 -0.001356
2 -0.000161 -0.000161 -0.001062
3 -8.29E-05 5.58E-21 -0.001062
4 -0.000160 -3.01E-21 -0.001042
5 -8.29E-05 5.20E-21 -0.001042
6 -0.000159 -3.01E-21 -0.001042
7 -8.29E-05 4.67E-21 -0.001013
8 -0.000159 -3.02E-21 -0.001013
9 -8.29E-05 2.23E-21 -0.000811
10 -0.000134 -3.12E-21 -0.000702
11 -8.12E-05 -9.10E-22 -0.000702
12 -0.000105 -6.33E-21 -0.000602
13 -7.89E-05 -4.93E-21 -0.000602
14 -6.84E-23 -6.60E-05 -0.000575
15 -4.40E-23 -4.85E-05 -0.000566
16 -3.42E-23 -4.16E-05 -0.000566
17 -1.83E-23 -2.84E-05 -0.000560
18 5.59E-21 5.59E-21 -0.000876
19 7.10E-05 2.85E-21 -0.000903
20 0.000140 5.16E-21 -0.000922
21 7.10E-05 3.55E-21 -0.000922
22 0.000149 5.63E-21 -0.000922
23 1.38E-20 1.38E-20 -0.001196
24 0.000151 5.74E-21 -0.001196
25 0.00000 0.000000 0.000000
26 0.00000 0.00000 0.000000
27 0.00000 0.00000 0.000000
28 0.00000 0.00000 0.000000
29 0.00000 0.00000 0.000000
30 0.00000 0.00000 0.000000

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT RX UY UZ
1 -8.29E-05 1.10E-20 -0.001356
2 -0.000161 -0.000161 -0.001062
3 -8.29E-05 5.58E-21 -0.001062
4 -0.000160 -3.01E-21 -0.001042
5 -8.29E-05 5.20E-21 -0.001042
6 -0.000159 -3.01E-21 -0.001042
7 -8.29E-05 4.67E-21 -0.001013
8 -0.000159 -3.02E-21 -0.001013
9 -8.29E-05 2.23E-21 -0.000811
10 -0.000134 -3.12E-21 -0.000702
11 -8.12E-05 -9.10E-22 -0.000702
12 -0.000105 -6.33E-21 -0.000602
13 -7.89E-05 -4.93E-21 -0.000602
14 -6.84E-23 -6.60E-05 -0.000575
15 -4.40E-23 -4.85E-05 -0.000566
16 -3.42E-23 -4.16E-05 -0.000566
17 -1.83E-23 -2.84E-05 -0.000560
18 5.59E-21 5.59E-21 -0.000876
19 7.10E-05 2.85E-21 -0.000903
20 0.000140 5.16E-21 -0.000922
21 7.10E-05 3.55E-21 -0.000922
22 0.000149 5.63E-21 -0.000922
23 1.38E-20 1.38E-20 -0.001196
24 0.000151 5.74E-21 -0.001196
25 0.00000 0.000000 0.000000
26 0.00000 0.00000 0.000000
27 0.00000 0.00000 0.000000
28 0.00000 0.00000 0.000000
29 0.00000 0.00000 0.000000
30 0.00000 0.00000 0.000000

COMB SVB03 ----- MIN

JOINT RX UY UZ
1 -8.29E-05 1.10E-20 -0.001356
2 -0.000161 -0.000161 -0.001062
3 -8.29E-05 5.58E-21 -0.001062
4 -0.000160 -3.01E-21 -0.001042
5 -8.29E-05 5.20E-21 -0.001042
6 -0.000159 -3.01E-21 -0.001042
7 -8.29E-05 4.67E-21 -0.001013
8 -0.000159 -3.02E-21 -0.001013
9 -8.29E-05 2.23E-21 -0.000811
10 -0.000134 -3.12E-21 -0.000702
11 -8.12E-05 -9.10E-22 -0.000702
12 -0.000105 -6.33E-21 -0.000602
13 -7.89E-05 -4.93E-21 -0.000602
14 -6.84E-23 -6.60E-05 -0.000575
15 -4.40E-23 -4.85E-05 -0.000566
16 -3.42E-23 -4.16E-05 -0.000566
17 -1.83E-23 -2.84E-05 -0.000560
18 5.59E-21 5.59E-21 -0.000876
19 7.10E-05 2.85E-21 -0.000903
20 0.000140 5.16E-21 -0.000922
21 7.10E-05 3.55E-21 -0.000922
22 0.000149 5.63E-21 -0.000922
23 1.38E-20 1.38E-20 -0.001196
24 0.000151 5.74E-21 -0.001196
25 0.00000 0.000000 0.000000
26 0.00000 0.00000 0.000000
27 0.00000 0.00000 0.000000
28 0.00000 0.00000 0.000000
29 0.00000 0.00000 0.000000
30 0.00000 0.00000 0.000000

15 -7.10E-05 0.000662 -0.000903
16 -0.000148 0.000148 -0.000922
17 -7.10E-05 0.000661 -0.000922
18 -0.000148 0.000149 -0.000922
19 -7.10E-05 0.000658 -0.000922
20 -0.000148 0.000151 -0.000922
21 -1.99E-06 -0.000922
22 0.000000 0.000000 0.000000
23 0.000000 0.000000 0.000000
24 0.000000 0.000000 0.000000
25 0.000000 0.000000 0.000000
26 0.000000 0.000000 0.000000
27 0.000000 0.000000 0.000000
28 0.000000 0.000000 0.000000
29 0.000000 0.000000 0.000000
30 0.000000 0.000000 0.000000

COMB SVB04 ----- MAX

JOINT RX UY UZ
1 -2.56E-05 0.000344 -0.001709
2 -0.000202 -1.54E-06 -0.001342
3 -2.56E-05 0.000341 -0.001342
4 -0.000201 -1.50E-06 -0.001316
5 -2.56E-05 0.000341 -0.001316
6 -0.000200 -1.49E-06 -0.001281
7 -2.56E-05 0.000341 -0.001281
8 -0.000200 -1.48E-06 -0.001281
9 -2.56E-05 0.000339 -0.001281
10 -0.000169 -1.39E-06 -0.001281
11 -2.33E-05 0.000338 -0.000883
12 -0.000131 -1.32E-06 -0.000883
13 -0.000131 -1.32E-06 -0.000883
14 -0.000131 -1.32E-06 -0.000883
15 -0.000131 -1.32E-06 -0.000883
16 -0.000131 -1.32E-06 -0.000883
17 -0.000131 -1.32E-06 -0.000883
18 -0.000131 -1.32E-06 -0.000883
19 -0.000131 -1.32E-06 -0.000883
20 -0.000131 -1.32E-06 -0.000883
21 -0.000131 -1.32E-06 -0.000883
22 -0.000131 -1.32E-06 -0.000883
23 -0.000131 -1.32E-06 -0.000883
24 -0.000131 -1.32E-06 -0.000883
25 -0.000131 -1.32E-06 -0.000883
26 -0.000131 -1.32E-06 -0.000883
27 -0.000131 -1.32E-06 -0.000883
28 -0.000131 -1.32E-06 -0.000883
29 -0.000131 -1.32E-06 -0.000883
30 -0.000131 -1.32E-06 -0.000883

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT RX UY UZ
1 2.03E-05 0.000337 -0.000759
2 -7.92E-05 -1.31E-06 -0.000727
3 -1.89E-05 0.000336 -0.000727
4 -5.53E-05 -1.31E-06 -0.000717
5 -1.84E-05 0.000336 -0.000717
6 -4.59E-05 -1.32E-06 -0.000710
7 -1.77E-05 0.000335 -0.000710
8 -2.78E-05 -1.32E-06 -0.000708
9 -1.61E-05 0.000335 -0.000708
10 -1.61E-05 -1.32E-06 -0.000708
11 -1.61E-05 -1.32E-06 -0.000708
12 -1.61E-05 -1.32E-06 -0.000708
13 -1.61E-05 -1.32E-06 -0.000708
14 -1.61E-05 -1.32E-06 -0.000708
15 -1.61E-05 -1.32E-06 -0.000708
16 -1.61E-05 -1.32E-06 -0.000708
17 -1.61E-05 -1.32E-06 -0.000708
18 -1.61E-05 -1.32E-06 -0.000708
19 -1.61E-05 -1.32E-06 -0.000708
20 -1.61E-05 -1.32E-06 -0.000708
21 -1.61E-05 -1.32E-06 -0.000708
22 -1.61E-05 -1.32E-06 -0.000708
23 -1.61E-05 -1.32E-06 -0.000708
24 -1.61E-05 -1.32E-06 -0.000708
25 -1.61E-05 -1.32E-06 -0.000708
26 -1.61E-05 -1.32E-06 -0.000708
27 -1.61E-05 -1.32E-06 -0.000708
28 -1.61E-05 -1.32E-06 -0.000708
29 -1.61E-05 -1.32E-06 -0.000708
30 -1.61E-05 -1.32E-06 -0.000708

COMB SVB04 ----- MIN

JOINT RX UY UZ
1 -2.56E-05 0.000344 -0.001709
2 -0.000202 -1.54E-06 -0.001342
3 -2.56E-05 0.000341 -0.001342
4 -0.000201 -1.50E-06 -0.001316
5 -2.56E-05 0.000341 -0.001316
6 -0.000200 -1.49E-06 -0.001281
7 -2.56E-05 0.000341 -0.001281
8 -0.000200 -1.48E-06 -0.001281
9 -2.56E-05 0.000339 -0.001281
10 -0.000169 -1.39E-06 -0.001281
11 -2.33E-05 0.000338 -0.000883
12 -0.000131 -1.32E-06 -0.000883
13 -0.000131 -1.32E-06 -0.000883
14 -0.000131 -1.32E-06 -0.000883
15 -0.000131 -1.32E-06 -0.000883
16 -0.000131 -1.32E-06 -0.000883
17 -0.000131 -1.32E-06 -0.000883
18 -0.000131 -1.32E-06 -0.000883
19 -0.000131 -1.32E-06 -0.000883
20 -0.000131 -1.32E-06 -0.000883
21 -0.000131 -1.32E-06 -0.000883
22 -0.000131 -1.32E-06 -0.000883
23 -0.000131 -1.32E-06 -0.000883
24 -0.000131 -1.32E-06 -0.000883
25 -0.000131 -1.32E-06 -0.000883
26 -0.000131 -1.32E-06 -0.000883
27 -0.000131 -1.32E-06 -0.000883
28 -0.000131 -1.32E-06 -0.000883
29 -0.000131 -1.32E-06 -0.000883
30 -0.000131 -1.32E-06 -0.000883

COMB SVB05 ----- MAX

JOINT RX UY UZ
1 -8.29E-05 1.10E-20 -0.001356
2 -0.000161 -0.000161 -0.001062
3 -8.29E-05 5.58E-21 -0.001062
4 -0.000160 -3.01E-21 -0.001042
5 -8.29E-05 5.20E-21 -0.001042
6 -0.000159 -3.01E-21 -0.001042
7 -8.29E-05 4.67E-21 -0.001013
8 -0.000159 -3.02E-21 -0.001013
9 -8.29E-05 2.23E-21 -0.000811
10 -0.000134 -3.12E-21 -0.000702
11 -

16	-9.49E-06	0.004900	-0.001253
-0.000669	0.000214	-9.94E-06	
17	-9.49E-06	0.004882	-0.001645
-0.000669	0.000214	-9.94E-06	
18	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	
19	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	

COMB SVB07 ----- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	-2.56E-05	1.52E-20	-0.001709
-2.16E-22	-0.000202	-4.18E-21	
2	-2.56E-05	7.68E-21	-0.001342
-2.16E-22	-0.000201	-4.16E-21	
3	-2.56E-05	7.16E-21	-0.001316
-2.16E-22	-0.000200	-4.16E-21	
4	-2.56E-05	6.43E-21	-0.001281
-2.16E-22	-0.000200	-4.16E-21	
5	-2.56E-05	3.06E-21	-0.001022
-2.16E-22	-0.000169	-4.30E-21	
6	-2.33E-05	-1.25E-21	-0.000883
-1.66E-22	-0.000131	-4.58E-21	
7	-2.03E-05	-6.78E-21	-0.000759
-9.40E-23	-7.92E-05	-4.22E-21	
8	-1.89E-05	-3.76E-21	-0.000727
-6.04E-23	-5.53E-05	-3.73E-21	
9	-1.84E-05	-9.49E-21	-0.000717
-4.69E-23	-4.59E-05	-3.54E-21	
10	-1.77E-05	-1.01E-20	-0.000710
-2.52E-23	-2.78E-05	-2.52E-21	
11	-1.61E-05	-1.07E-20	-0.000708
2.92E-23	1.73E-05	6.94E-24	
12	-1.23E-05	-7.87E-21	-0.000785
1.41E-22	0.000105	3.98E-21	
13	-9.49E-06	-3.06E-21	-0.000912
2.16E-22	0.000163	5.86E-21	
14	-9.49E-06	2.56E-21	-0.001187
2.16E-22	0.000213	7.65E-21	
15	-9.49E-06	3.90E-21	-0.001226
2.16E-22	0.000214	7.68E-21	
16	-9.49E-06	4.86E-21	-0.001253
2.16E-22	0.000214	7.69E-21	
17	-9.49E-06	7.80E-21	-0.001645
2.16E-22	0.000217	7.80E-21	
18	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	
Program	SAP2000	Nonlinear	Version 7.42
File:	청도1교상행_P9_본체	OUT	

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	
COMB	SVB07	-----	MIN
JOINT	UX	UY	UZ
RX	RY	RZ	
1	-2.56E-05	1.52E-20	-0.001709
-2.16E-22	-0.000202	-4.18E-21	
2	-2.56E-05	7.68E-21	-0.001342
-2.16E-22	-0.000201	-4.16E-21	
3	-2.56E-05	7.16E-21	-0.001316
-2.16E-22	-0.000200	-4.16E-21	
4	-2.56E-05	6.43E-21	-0.001281
-2.16E-22	-0.000200	-4.16E-21	
5	-2.56E-05	3.06E-21	-0.001022
-2.16E-22	-0.000169	-4.30E-21	
6	-2.33E-05	-1.25E-21	-0.000883
-1.66E-22	-0.000131	-4.58E-21	
7	-2.03E-05	-6.78E-21	-0.000759
-9.40E-23	-7.92E-05	-4.22E-21	
8	-1.89E-05	-3.76E-21	-0.000727
-6.04E-23	-5.53E-05	-3.73E-21	
9	-1.84E-05	-9.49E-21	-0.000717
-4.69E-23	-4.59E-05	-3.54E-21	
10	-1.77E-05	-1.01E-20	-0.000710
-2.52E-23	-2.78E-05	-2.52E-21	
11	-1.61E-05	-1.07E-20	-0.000708
2.92E-23	1.73E-05	6.94E-24	
12	-1.23E-05	-7.87E-21	-0.000785
1.41E-22	0.000105	3.98E-21	
13	-9.49E-06	-3.06E-21	-0.000912
2.16E-22	0.000163	5.86E-21	
14	-9.49E-06	2.56E-21	-0.001187
2.16E-22	0.000213	7.65E-21	
15	-9.49E-06	3.90E-21	-0.001226
2.16E-22	0.000214	7.68E-21	
16	-9.49E-06	4.86E-21	-0.001253
2.16E-22	0.000214	7.69E-21	
17	-9.49E-06	7.80E-21	-0.001645
2.16E-22	0.000217	7.80E-21	
18	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	
Program	SAP2000	Nonlinear	Version 7.42
File:	청도1교상행_P9_본체	OUT	

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT	UX	UY	UZ
RX	RY	RZ	
1	-8.29E-05	0.005107	-0.001356
-0.000677	-0.000161	-2.80E-05	
2	-8.29E-05	0.005057	-0.001062
-0.000677	-0.000160	-2.80E-05	
3	-8.29E-05	0.005053	-0.001042
-0.000677	-0.000159	-2.80E-05	
4	-8.29E-05	0.005048	-0.001013
-0.000677	-0.000159	-2.80E-05	
5	-8.29E-05	0.005022	-0.000811
-0.000672	-0.000134	-2.69E-05	
6	-8.12E-05	0.004997	-0.000702
-0.000671	-0.000105	-2.49E-05	
7	-7.89E-05	0.004968	-0.000602
-0.000670	-6.60E-05	-2.21E-05	
8	-7.80E-05	0.004957	-0.000575
-0.000669	-4.85E-05	-2.09E-05	
9	-7.76E-05	0.004953	-0.000566
-0.000669	-4.16E-05	-2.03E-05	
10	-7.71E-05	0.004949	-0.000560
-0.000668	-2.84E-05	-1.97E-05	
11	-7.58E-05	0.004939	-0.000554
-0.000667	-4.28E-06	-1.80E-05	
12	-7.31E-05	0.004919	-0.000500
-0.000664	6.78E-05	1.41E-05	
13	-7.10E-05	0.004907	-0.000483
-0.000663	0.000110	0.004903	
14	-7.10E-05	0.004901	-0.000476
-0.000663	0.000147	9.94E-06	
15	-7.10E-05	0.004900	-0.000476
-0.000663	0.000149	9.94E-06	
16	-7.10E-05	0.004900	-0.000476
-0.000663	0.000149	9.94E-06	
17	-7.10E-05	0.004882	-0.000476
-0.000663	0.000151	9.94E-06	
18	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	
Program	SAP2000	Nonlinear	Version 7.42
File:	청도1교상행_P9_본체	OUT	

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Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본체.OUT

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB	SVB08	-----	MIN
JOINT	UX	UY	UZ
RX	RY	RZ	
1	-8.29E-05	0.005107	-0.001356
-0.000677	-0.000161	-2.80E-05	
2	-8.29E-05	0.005057	-0.001062
-0.000677	-0.000160	-2.80E-05	
3	-8.29E-05	0.005053	-0.001042
-0.000677	-0.000159	-2.80E-05	
4	-8.29E-05	0.005048	-0.001013
-0.000677	-0.000159	-2.80E-05	
5	-8.29E-05	0.005022	-0.000811
-0.000672	-0.000134	-2.69E-05	
6	-8.12E-05	0.004997	-0.000702
-0.000671	-0.000105	-2.49E-05	
7	-7.89E-05	0.004968	-0.000602
-0.000670	-6.60E-05	-2.21E-05	
8	-7.80E-05	0.004957	-0.000575
-0.000669	-4.85E-05	-2.09E-05	
9	-7.76E-05	0.004953	-0.000566
-0.000669	-4.16E-05	-2.03E-05	
10	-7.71E-05	0.004949	-0.000560
-0.000668	-2.84E-05	-1.97E-05	
11	-7.58E-05	0.004939	-0.000554
-0.000667	4.28E-06	-1.80E-05	
12	-7.31E-05	0.004919	-0.000500
-0.000664	6.78E-05	1.41E-05	
13	-7.10E-05	0.004907	-0.000483
-0.000663	0.000110	0.004903	
14	-7.10E-05	0.004901	-0.000476
-0.000663	0.000147	9.94E-06	
15	-7.10E-05	0.004900	-0.000476
-0.000663	0.000149	9.94E-06	
16	-7.10E-05	0.004900	-0.000476
-0.000663	0.000149	9.94E-06	
17	-7.10E-05	0.004882	-0.000476
-0.000663	0.000151	9.94E-06	
18	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	
Program	SAP2000	Nonlinear	Version 7.42
File:	청도1교상행_P9_본체	OUT	

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COMB SVB09 ----- MAX

RX	RY	RZ	
1	-8.29E-05	1.10E-20	-0.001356
-1.58E-22	-0.000161	-3.03E-21	
2	-8.29E-05	5.58E-21	-0.001062
-1.58E-22	-0.000160	-3.01E-21	
3	-8.29E-05	5.20E-21	-0.001042
-1.58E-22	-0.000159	-3.01E-21	
4	-8.29E-05	4.67E-21	-0.001013
-1.58E-22	-0.000159	-3.02E-21	
5	-8.29E-05	2.23E-21	-0.000811
-1.58E-22	-0.000148	-3.12E-21	
6	-8.12E-05	-9.10E-22	-0.000702
-1.21E-22	-0.000105	-3.33E-21	
7	-7.89E-05	-4.93E-21	-0.000602
-6.84E-23	-6.60E-05	-3.06E-21	
8	-7.80E-05	-6.37E-21	-0.000575
-4.40E-23	-4.85E-05	-2.70E-21	
9	-7.76E-05	-6.89E-21	-0.000566
-3.42E-23	-4.16E-05	-2.56E-21	
10	-7.71E-05	-7.33E-21	-0.000560
-1.83E-23	-2.84E-05	-1.82E-21	
11	-7.58E-05	-7.78E-21	-0.000554
2.13E-23	4.28E-06	1.05E-23	
12	-7.31E-05	-5.71E-21	-0.000600
1.03E-22	6.78E-05	2.88E-21	
13	-7.10E-05	-2.23E-21	-0.000683
1.58E-22	0.000110	4.26E-21	
14	-7.10E-05	1.87E-21	-0.000876
1.58E-22	0.000147	5.59E-21	
15	-7.10E-05	2.85E-21	-0.000903
1.58E-22	0.000148	5.61E-21	
16	-7.10E-05	3.55E-21	-0.000922
1.58E-22	0.000149	5.63E-21	
17	-7.10E-05	1.38E-20	-0.001196
1.58E-22	0.000151	5.74E-21	
18	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	
19	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	

</

-5.56E-05 -7.19E-05 -1.71E-06 -0.000932
9 -2.39E-05 0.000436
-5.55E-05 -5.97E-05 -1.71E-06 -0.000923
10 -2.30E-05 0.000436
-5.55E-05 -3.61E-05 -1.71E-06 -0.000920
11 -2.09E-05 0.000435
-5.54E-05 2.24E-05 -1.71E-06 -0.001021
12 -1.60E-05 0.000433
-5.52E-05 0.000137 -1.65E-06 -0.001186
13 -1.23E-05 0.000431
-5.51E-05 0.000212 -1.48E-06 -0.001544
14 -1.23E-05 0.000430
-5.51E-05 0.000277 -1.36E-06
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본세.OUT

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT RX UX RY UY RZ UZ
15 -1.23E-05 0.000430 -0.001593
-5.51E-05 0.000278 -1.35E-06
16 -1.23E-05 0.000430 -0.001629
-5.51E-05 0.000279 -1.34E-06
17 -1.23E-05 0.000428 -0.002139
-5.51E-05 0.000282 -1.29E-06
18 .000000 .000000 .000000 .000000
19 .000000 .000000 .000000 .000000
20 .000000 .000000 .000000 .000000

COMB ULB04 ----- MIN

JOINT RX UX RY UY RZ UZ
1 -3.33E-05 0.000447 -0.002222
-5.58E-05 -0.000263 -2.00E-06 -0.001745
2 -3.33E-05 0.000443 -1.95E-06
-5.58E-05 -0.000261 -1.95E-06
3 -3.33E-05 0.000443 -0.001711
-5.58E-05 -0.000261 -1.94E-06
4 -3.33E-05 0.000443 -0.001665
-5.58E-05 -0.000260 -1.92E-06
5 -3.33E-05 0.000441 -0.001329
-5.58E-05 -0.000219 -1.81E-06
6 -3.03E-05 0.000440 -0.001148
-5.57E-05 -0.000170 -1.71E-06
7 -2.63E-05 0.000438 -0.000987
-5.56E-05 -0.000103 -1.70E-06
8 -2.46E-05 0.000437 -0.000945
-5.56E-05 -0.000137 -1.71E-06
9 -2.39E-05 0.000436 -0.000932
-5.55E-05 -0.97E-05 -1.71E-06
10 -2.30E-05 0.000436 -0.000923
-5.55E-05 -3.61E-05 -1.71E-06
11 -2.09E-05 0.000435 -0.000920
-5.54E-05 2.24E-05 -1.71E-06
12 -1.60E-05 0.000433 -0.001021
-5.52E-05 0.000137 -1.65E-06
13 -1.23E-05 0.000431 -0.001186
-5.51E-05 0.000212 -1.48E-06
14 -1.23E-05 0.000430 -0.001544
-5.51E-05 0.000277 -1.36E-06
15 -1.23E-05 0.000430 -0.001593
-5.51E-05 0.000278 -1.35E-06
16 -1.23E-05 0.000430 -0.001629
-5.51E-05 0.000279 -1.34E-06
17 -1.23E-05 0.000428 -0.002139
-5.51E-05 0.000282 -1.29E-06
18 .000000 .000000 .000000 .000000
19 .000000 .000000 .000000 .000000
20 .000000 .000000 .000000 .000000

COMB ULB05 ----- MAX

JOINT RX UX RY UY RZ UZ
1 -0.000108 0.000447 -0.001762
-5.58E-05 -0.000210 -2.00E-06
2 -0.000108 0.000443 -0.001381
-5.58E-05 -0.000208 -1.95E-06
3 -0.000108 0.000443 -0.001354
-5.58E-05 -0.000207 -1.94E-06
4 -0.000108 0.000443 -0.001317
-5.58E-05 -0.000195 -1.92E-06
5 -0.000108 0.000441 -0.001054
-5.58E-05 -0.000175 -1.81E-06
6 -0.000106 0.000440 -0.000912
-5.57E-05 -0.000136 -1.71E-06
7 -0.000103 0.000438 -0.000783
-5.56E-05 -8.59E-05 -1.70E-06
8 -0.000101 0.000437 -0.000747
-5.56E-05 -6.30E-05 -1.71E-06
9 -0.000101 0.000436 -0.000736
-5.55E-05 -5.40E-05 -1.71E-06
10 -0.000100 0.000436 -0.000728
-5.55E-05 -3.69E-05 -1.71E-06
11 -9.86E-05 0.000435 -0.000720
-5.54E-05 5.56E-06 -1.71E-06
12 -9.50E-05 0.000433 -0.000780
-5.52E-05 8.81E-05 -1.65E-06
13 -9.23E-05 0.000431 -0.000888
-5.51E-05 0.000143 -1.48E-06
14 -9.23E-05 0.000430 -0.001139
-5.51E-05 0.000192 -1.36E-06
15 -9.23E-05 0.000430 -0.001174
-5.51E-05 0.000193 -1.35E-06
16 -9.23E-05 0.000430 -0.001198
-5.51E-05 0.000193 -1.4E-06
17 -9.23E-05 0.000428 -0.001555
-5.51E-05 0.000196 -1.29E-06
18 .000000 .000000 .000000 .000000
19 .000000 .000000 .000000 .000000
20 .000000 .000000 .000000 .000000

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT RX UX RY UY RZ UZ
1 .000000 .000000 .000000 .000000
2 .000000 .000000 .000000 .000000
3 .000000 .000000 .000000 .000000
4 .000000 .000000 .000000 .000000
5 .000000 .000000 .000000 .000000

COMB ULB05 ----- MIN

JOINT RX UX RY UY RZ UZ
1 -0.000108 0.000447 -0.001762
-5.58E-05 -0.000210 -2.00E-06
2 -0.000108 0.000443 -0.001381
-5.58E-05 -0.000208 -1.95E-06
3 -0.000108 0.000443 -0.001354
-5.58E-05 -0.000207 -1.94E-06
4 -0.000108 0.000443 -0.001317
-5.58E-05 -0.000207 -1.92E-06
5 -0.000108 0.000441

-5.58E-05 -0.000175 -1.81E-06 -0.000912
6 -0.000106 0.000440
-5.57E-05 -0.000136 -1.71E-06 -0.000783
15 -0.000103 0.000438
-5.56E-05 -8.58E-05 -1.70E-06 -0.000747
8 -0.000101 0.000437
-5.56E-05 -6.30E-05 -1.71E-06 -0.000736
9 -0.000101 0.000436
-5.55E-05 -5.40E-05 -1.71E-06 -0.000728
10 -0.000103 0.000439
-5.55E-05 -3.69E-05 -1.71E-06 -0.000720
11 -9.86E-05 0.000435
-5.54E-05 5.56E-06 -1.71E-06
12 -9.50E-05 0.000433
-5.52E-05 8.81E-05 -1.65E-06
13 -9.23E-05 0.000431
-5.51E-05 0.000143 -1.48E-06
14 -9.23E-05 0.000430 -0.001139
-5.51E-05 0.000192 -1.36E-06
15 -9.23E-05 0.000430 -0.001174
-5.51E-05 0.000193 -1.35E-06
16 -9.23E-05 0.000430 -0.001198
-5.51E-05 0.000193 -1.34E-06
17 -9.23E-05 0.000428 -0.001555
-5.51E-05 0.000196 -1.29E-06
18 .000000 .000000 .000000 .000000
19 .000000 .000000 .000000 .000000
20 .000000 .000000 .000000 .000000

COMB ULB06 ----- MAX

JOINT RX UX RY UY RZ UZ
1 -3.33E-05 0.006639 -0.002222
-0.000881 -0.000263 -3.64E-05
2 -3.33E-05 0.006574 -0.001745
-0.000881 -0.000261 -3.64E-05
3 -3.33E-05 0.006569 -0.001711
-0.000881 -0.000261 -3.64E-05
4 -3.33E-05 0.006563 -0.001665
-0.000881 -0.000260 -3.64E-05
5 -3.33E-05 0.006529 -0.001329
-0.000874 -0.000219 -3.50E-05
6 -3.03E-05 0.006496 -0.001148
-0.000873 -0.000170 -3.24E-05
7 -2.63E-05 0.006458 -0.000987
-0.000871 -0.000103 -2.88E-05
8 -2.46E-05 0.006444 -0.000945
-0.000870 -7.19E-05 -2.71E-05
9 -2.39E-05 0.006439 -0.000932
-0.000869 -5.97E-05 -2.64E-05
10 -2.30E-05 0.006434 -0.000923
-0.000869 -3.61E-05 -2.56E-05
11 -2.09E-05 0.006421 -0.000920
-0.000867 2.24E-05 -2.34E-05
12 -1.60E-05 0.006395 -0.001021
-0.000864 0.000137 -1.83E-05
13 -1.23E-05 0.006379 -0.001186
-0.000862 0.000212 -1.44E-05
14 -1.23E-05 0.006374 -0.001544
-0.000870 0.000277 -1.29E-05
15 -1.23E-05 0.006374 -0.001593
-0.000870 0.000278 -1.29E-05
16 -1.23E-05 0.006370 -0.001629
-0.000870 0.000279 -1.29E-05
17 -1.23E-05 0.006346 -0.002139
-0.000870 0.000282 -1.29E-05
18 .000000 .000000 .000000 .000000
19 .000000 .000000 .000000 .000000
20 .000000 .000000 .000000 .000000

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB ULB06 ----- MIN

JOINT RX UX RY UY RZ UZ
1 -3.33E-05 0.006639 -0.002222
-0.000881 -0.000263 -3.64E-05
2 -3.33E-05 0.006574 -0.001745
-0.000881 -0.000261 -3.64E-05
3 -3.33E-05 0.006563 -0.001711
-0.000881 -0.000261 -3.64E-05
4 -3.33E-05 0.006563 -0.001665
-0.000881 -0.000260 -3.64E-05
5 -3.33E-05 0.006529 -0.001329
-0.000874 -0.000219 -3.50E-05
6 -3.03E-05 0.006496 -0.001148
-0.000873 -0.000170 -3.24E-05
7 -2.63E-05 0.006458 -0.000987
-0.000871 -0.000103 -2.88E-05
8 -2.46E-05 0.006444 -0.000945
-0.000870 -7.19E-05 -2.71E-05
9 -2.39E-05 0.006439 -0.000932
-0.000869 -5.97E-05 -2.64E-05
10 -2.30E-05 0.006434 -0.000923
-0.000869 -3.61E-05 -2.56E-05
11 -2.09E-05 0.006421 -0.000920
-0.000867 2.24E-05 -2.34E-05
12 -1.60E-05 0.006395 -0.001021
-0.000864 0.000137 -1.83E-05
13 -1.23E-05 0.006379 -0.001186
-0.000862 0.000212 -1.44E-05
14 -1.23E-05 0.006374 -0.001544
-0.000870 0.000277 -1.29E-05
15 -1.23E-05 0.006371 -0.001593
-0.000870 0.000278 -1.29E-05
16 -1.23E-05 0.006370 -0.001629
-0.000870 0.000279 -1.29E-05
17 -1.23E-05 0.006346 -0.002139
-0.000870 0.000282 -1.29E-05
18 .000000 .000000 .000000 .000000
19 .000000 .000000 .000000 .000000
20 .000000 .000000 .000000 .000000

COMB ULB07 ----- MAX

JOINT RX UX RY UY RZ UZ
1 -3.33E-05 1.97E-20 -0.002222
-2.81E-22 -0.000263 -5.43E-21
2 -3.33E-05 9.99E-21 -0.001745
-2.81E-22 -0.000261 -5.41E-21
3 -3.33E-05 9.91E-21 -0.001711
-2.81E-22 -0.000261 -5.41E-21
4 -3.33E-05 8.36E-21 -0.001665
-2.81E-22 -0.000260 -5.41E-21
5 -3.33E-05 6.32E-21 -0.001329
-2.81E-22 -0.000278 -5.43E-21
6 -3.03E-05 5.43E-21 -0.001148
-2.16E-22 -0.000170 -5.95E-21
7 -2.63E-05 4.82E-21 -0.000987
-1.22E-22 -0.000103 -5.48E-21
8 -2.46E-05 4.14E-21 -0.000945
-7.85E-23 -2.19E-05 -0.000932
9 -2.39E-05 3.75E-21 -0.000923
-6.10E-23 -2.30E-05 -4.60E-21
10 -2.30E-05 3.12E-20
-3.27E-23 -3.61E-05 -3.28E-21

11 -2.09E-05 -1.39E-20 -0.000920
3.80E-23 2.24E-05 9.03E-24
12 -1.60E-05 -1.02E-20 -0.001021
1.83E-22 0.000137 5.17E-21
13 -1.23E-05 -3.98E-21 -0.001186
2.81E-22 0.000212 7.62E-21
14 -1.23E-05 3.33E-21 -0.001544
2.81E-22 0.000277 9.94E-21
15 1.23E-05 5.07E-21 -0.001593
2.81E-22 0.000278 9.98E-21
16 -1.23E-05 6.32E-21 -0.001629
2.81E-22 0.000279 1.00E-20
17 -1.23E-05 2.45E-20 -0.002139
2.81E-22 0.000282 1.01E-20
18 .000000 .000000 .000000
19 .000000 .000000 .000000
20 .000000 .000000 .000000

COMB ULB07 ----- MIN

JOINT RX UX RY UY RZ UZ
1 -3.33E-05 1.97E-20 -0.002222
-2.81E-22 -0.000263 -5.43E-21
2 -3.33E-05 9.99E-21 -0.001745
-2.81E-22 -0.000261 -5.41E-21
3 -3.33E-05 9.91E-21 -0.001711
-2.81E-22 -0.000261 -5.41E-21
4 -3.33E-05 8.36E-21 -0.001665
-2.81E-22 -0.000260 -5.41E-21
5 -3.33E-05 6.32E-21 -0.001329
-2.81E-22 -0.000278 -5.43E-21
6 -3.03E-05 5.43E-21 -0.001148
-2.16E-22 -0.000170 -5.95E-21
7 -2.63E-05 4.82E-21 -0.000987
-1.22E-22 -0.000103 -5.48E-21
8 -2.46E-05 4.14E-21 -0.000945
-7.85E-23 -2.19E-05 -0.000923
9 -2.39E-05 3.75E-21 -0.000932
-6.10E-23 -2.30E-05 -4.60E-21
10 -2.30E-05 3.12E-20
-3.27E-23 -3.61E-05 -3.28E-21
11 -2.09E-05 -1.39E-20 -0.000920
3.80E-23 2.24E-05 9.03E-24
12 -1.60E-05 -1.02E-20 -0.001021
1.83E-22 0.000137 5.17E-21
13 -1.23E-05 -3.98E-21 -0.001186
2.81E-22 0.000212 7.62E-21
14 -1.23E-05 3.33E-21 -0.001544
2.81E-22 0.000277 9.94E-21
15 1.23E-05 5.07E-21 -0.001593
2.81E-22 0.000278 9.98E-21
16 -1.23E-05 6.32E-21 -0.001629
2.81E-22 0.000279 1.00E-20
17 -1.23E-05 2.45E-20 -0.002139
2.81E-22 0.000282 1.01E-20
18 .000000 .000000 .000000
19 .000000 .000000 .000000
20 .000000 .000000 .000000

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT RX UX RY UY RZ UZ
1 -3.33E-05 9.31E-21 -0.001711
-2.81E-22 -0.000261 -5.41E-21
2 -3.33E-05 8.36E-21 -0.001665
-2.81E-22 -0.000260 -5.41E-21
3 -3.33E-05 6.32E-21 -0.001329
-2.81E-22 -0.000278 -5.43E-21
4 -3.03E-05 5.43E-21 -0.001148
-2.16E-22 -0.000170 -5.95E-21
5 -2.63E-05 4.82E-21 -0.000987
7 -2.63E-05 4.82E-21
-1.22E-22 -0.000103 -5.48E-21
8 -2.46E-05 4.14E-21 -0.000945
-7.85E-23 -2.19E-05 -0.000923
9 -2.39E-05 3.75E-21 -0.000932
-6.10E-23 -2.30E-05 -4.60E-21
10 -2.30E-05 3.12E-20
-3.27E-23 -3.61E-05 -3.28E-21
11 -2.09E-05 -1.39E-20 -0.000920
3.80E-23 2.24E-05 9.03E-24
12 -1.60E-05 -1.02E-20 -0.001021
1.83E-22 0.000137 5.17E-21
13 -1.23E-05 -3.98E-21 -0.001186
2.81E-22 0.000212 7.62E-21
14 -1.23E-05 3.33E-21 -0.001544
2.81E-22 0.000277 9.94E-21
15 -1.23E-05 5.07E-21 -0.001593
2.81E-22 0.000278 9.98E-21
16 -1.23E-05 6.32E-21 -0.001629
2.81E-22 0.000279 1.00E-20
17 -1.23E-05 2.45E-20 -0.002139
2.81E-22 0.000282 1.01E-20
18 .000000 .000000 .000000
19 .000000 .000000 .000000
20 .000000 .000000 .000000

COMB ULB08 ----- MAX

JOINT RX UX RY UY RZ UZ
1 -0.000108 0.006639 -0.001762
-0.000881 -0.000210 -3.64E-05
2 -0.000108 0.006574 -0.001381
-0.000881 -0.000208 -3.64E-05
3 -0.000108 0.006569 -0.001354
-0.000881 -0.000207 -3.64E-05
4 -0.000108 0.006563 -0.001317
-0.000881 -0.000207 -3.64E-05
5 -0.000108 0.006529 -0.001054
-0.000874 -0.000175 -3.50E-05
6 -0.000106 0.006496 -0.000912
-0.000873 -0.000136 -3.24E-05
7 -0.000103 0.006458 -0.000783
-0.000871 -8.58E-05 -2.88E-05
8 -0.000101 0.006444 -0.000747
-0.000870 -6.30E-05 -2.71E-05
9 -0.000101 0.006439 -0.000736
-0.000869 -5.40E-05 -2.64E-05
10 -0.000100 0.006434 -0.000728
-0.000869 -3.69E-05 -2.56E-05
11 -9.86E-05 0.006421 -0.000720
-0.000867 5.56E-06 -2.34E-05
12 -9.50E-05 0.006395 -0.000780
-0.000864 8.81E-05 -1.83E-05
13 -9.23E-05 0.006379 -0.000888
-0.000862 0.000143 -1.44E-05
14 -9.23E-05 0.006374 -0.001139
-0.000870 0.000192 -1.29E-05
15 -9.23E-05 0.006371 -0.001174
-0.000870 0.000193 -1.29E-05
16 -9.23E-05 0.006370 -0.001198
-0.000870 0.000193 -1.29E-05
17 -9.23E-05 0.006346 -0.001555
-0.000870 0.000196 -1.29E-05
18 .000000 .000000 .000000
19 .000000 .000000 .000000
20 .000000 .000000 .000000

COMB ULB08 ----- MIN

JOINT RX UX RY UY RZ UZ
1 -0.000108 0.006639 -0.001762
-0.000881 -0.000210 -3.64E-05
2 -0.000108 0.006574 -0.001381
-0.000881 -0.000208 -3.64E-05
3 -0.000108 0.006563 -0.001354
-0.000881 -0.000207 -3.64E-05
4 -0.000108 0.006563 -0.001317
-0.000881 -0.000207 -3.64E-05
5 -0.000108 0.006529 -0.001054
-0.00087

12	-9.13E-05	0.006982	-0.000750	16	-8.87E-05	0.000827	-0.001152	-5.30E-05	0.000267	-1.31E-06	.000000	.000000	.000000	.000000
-0.000937	8.47E-05	-2.08E-05		-0.000106	0.000186	-2.58E-06		15	-1.19E-05	0.000414	-0.001532	19	.000000	.000000
13	-8.87E-05	0.006963	-0.000854	17	-8.87E-05	0.000822	-0.001495	-5.30E-05	0.000267	-1.30E-06		.000000	.000000	.000000
-0.000934	0.000138	-1.67E-05		-0.000106	0.000189	-2.49E-06		16	-1.19E-05	0.000413	-0.001566	COMB	ULB15	MAX
-0.000942	-8.87E-05	0.006956	-0.001095	18	.000000	.000000	.000000	-5.30E-05	0.000268	-1.29E-06		1	0.000104	
-0.000942	-0.000184	-1.51E-05		.000000	.000000	.000000		17	-1.19E-05	0.000411	-0.002057	2	-0.000104	0.000430
15	-8.87E-05	0.006953	-0.001128	Program	SAP2000	Nonlinear	Version 7.42	-5.30E-05	0.000271	-1.25E-06	.000000	3	-0.000199	-1.87E-06
-0.000942	0.000185	-1.50E-05		File:청도1교상행_P9_본체.OUT				18	.000000	.000000	.000000	4	-0.000104	0.000426
16	-8.87E-05	0.006951	-0.001152					.000000	.000000	.000000	.000000	5	-0.000199	-1.87E-06
-0.000942	0.000186	-1.50E-05						.000000	.000000	.000000	.000000	6	-0.000104	0.000426
17	-8.87E-05	0.006925	-0.001495					.000000	.000000	.000000	.000000	7	-0.000104	0.000426
-0.000942	0.000189	-1.49E-05						COMB	ULB13	MIN		8	-0.000104	0.000426
18	.000000	.000000	.000000					1	-3.20E-05	0.000430	-0.002136	9	-0.000104	0.000426
.000000	.000000	.000000	.000000					2	-0.000253	-1.92E-06	-0.001678	10	-0.000104	0.000426
19	.000000	.000000	.000000					3	-3.20E-05	0.000426	-0.001678	11	-0.000199	-1.87E-06
.000000	.000000	.000000						4	-0.000251	-1.87E-06	-0.001646	12	-0.000104	0.000426
COMB	ULB10	MIN						5	-3.20E-05	0.000426	-0.001601	13	-0.000104	0.000426
								6	-3.20E-05	0.000426	-0.001601	14	-0.000104	0.000426
								7	-3.20E-05	0.000426	-0.001601	15	-0.000104	0.000426
								8	-3.20E-05	0.000426	-0.001601	16	-0.000104	0.000426
								9	-3.20E-05	0.000426	-0.001601	17	-0.000104	0.000426
								10	-3.20E-05	0.000426	-0.001601	18	-0.000104	0.000426
								11	-3.20E-05	0.000426	-0.001601	19	-0.000104	0.000426
								12	-3.20E-05	0.000426	-0.001601	20	-0.000104	0.000426
								13	-3.20E-05	0.000426	-0.001601	21	-0.000104	0.000426
								14	-3.20E-05	0.000426	-0.001601	22	-0.000104	0.000426
								15	-3.20E-05	0.000426	-0.001601	23	-0.000104	0.000426
								16	-3.20E-05	0.000426	-0.001601	24	-0.000104	0.000426
								17	-3.20E-05	0.000426	-0.001601	25	-0.000104	0.000426
								18	-3.20E-05	0.000426	-0.001601	26	-0.000104	0.000426
								19	-3.20E-05	0.000426	-0.001601	27	-0.000104	0.000426
								20	-3.20E-05	0.000426	-0.001601	28	-0.000104	0.000426
								21	-3.20E-05	0.000426	-0.001601	29	-0.000104	0.000426
								22	-3.20E-05	0.000426	-0.001601	30	-0.000104	0.000426
								23	-3.20E-05	0.000426	-0.001601	31	-0.000104	0.000426
								24	-3.20E-05	0.000426	-0.001601	32	-0.000104	0.000426
								25	-3.20E-05	0.000426	-0.001601	33	-0.000104	0.000426
								26	-3.20E-05	0.000426	-0.001601	34	-0.000104	0.000426
								27	-3.20E-05	0.000426	-0.001601	35	-0.000104	0.000426
								28	-3.20E-05	0.000426	-0.001601	36	-0.000104	0.000426
								29	-3.20E-05	0.000426	-0.001601	37	-0.000104	0.000426
								30	-3.20E-05	0.000426	-0.001601	38	-0.000104	0.000426
								31	-3.20E-05	0.000426	-0.001601	39	-0.000104	0.000426
								32	-3.20E-05	0.000426	-0.001601	40	-0.000104	0.000426
								33	-3.20E-05	0.000426	-0.001601	41	-0.000104	0.000426
								34	-3.20E-05	0.000426	-0.001601	42	-0.000104	0.000426
								35	-3.20E-05	0.000426	-0.001601	43	-0.000104	0.000426
								36	-3.20E-05	0.000426	-0.001601	44	-0.000104	0.000426
								37	-3.20E-05	0.000426	-0.001601	45	-0.000104	0.000426
								38	-3.20E-05	0.000426	-0.001601	46	-0.000104	0.000426
								39	-3.20E-05	0.000426	-0.001601	47	-0.000104	0.000426
								40	-3.20E-05	0.000426	-0.001601	48	-0.000104	0.000426
								41	-3.20E-05	0.000426	-0.001601	49	-0.000104	0.000426
								42	-3.20E-05	0.000426	-0.001601	50	-0.000104	0.000426
								43	-3.20E-05	0.000426	-0.001601	51	-0.000104	0.000426
								44	-3.20E-05	0.000426	-0.001601	52	-0.000104	0.000426
								45	-3.20E-05	0.000426	-0.001601	53	-0.000104	0.000426
								46	-3.20E-05	0.000426	-0.001601	54	-0.000104	0.000426
								47	-3.20E-05	0.000426	-0.001601	55	-0.000104	0.000426
								48	-3.20E-05	0.000426	-0.001601	56	-0.000104	0.000426
								49	-3.20E-05	0.000426	-0.001601	57	-0.000104	0.000426
								50	-3.20E-05	0.000426	-0.001601	58	-0.000104	0.000426
								51	-3.20E-05	0.000426	-0.001601	59	-0.000104	0.000426
								52	-3.20E-05	0.000426	-0.001601	60	-0.000104	0.000426
								53	-3.20E-05	0.000426	-0.001601	61	-0.000104	0.000426
								54	-3.20E-05	0.000426	-0.001601	62	-0.000104	0.000426
								55	-3.20E-05	0.000426	-0.001601	63	-0.000104	0.000426
								56	-3.20E-05	0.000426	-0.001601	64	-0.000104	0.000426
								57	-3.20E-05	0.000426	-0.001601	65	-0.000104	0.000426
								58	-3.20E-05	0.000426	-0.001601	66	-0.000104	0.000426
								59	-3.20E-05	0.000426	-0.001601	67	-0.000104	0.000426
								60	-3.20E-05	0.000426	-0.001601	68	-0.000104	0.000426
								61	-3.20E-05	0.000426	-0.001601	69	-0.000104	0.000426
								62	-3.20E-05	0.000426	-0.001601	70	-0.000104	0.000426
								63	-3.20E-05	0.000426	-0.001601	71	-0.000104	0.000426
								64	-3.20E-05	0.000426	-0.001601	72	-0.000104	0.000426
								65	-3.20E-05	0.000426	-0.001601	73	-0.000104	0.000426
								66	-3.20E-05	0.000426	-0.001601	74	-0.000104	0.000426
								67	-3.20E-05	0.000426	-0.001601	75	-0.000104	0.000426
								68	-3.20E-05	0.000426	-0.001601	76	-0.000104	0.000426
								69	-3.20E-05	0.000426	-0.001601	77	-0.000104	0.000426
								70	-3.20E-05	0.000426	-0.001601	78	-0.000104	0.000426
								71	-3.20E-05	0.000426	-0.001601	79	-0.000104	0.000426
								72	-3.20E-05	0.000426	-0.001601	80	-0.000104	0.000426
								73	-3.20E-05	0.000426	-0.001601	81	-0.000104	0.000426
								74	-3.20E-05	0.000426	-0.001601	82	-0.000104	0.000426
								75	-3.20E-05	0.000426	-0.001601	83	-0.000104	0.000426
								76	-3.20E-05	0.000426	-0.001601	84	-0.000104	0.000426
								77	-3.20E-05	0.000426	-0.001601	85	-0.000104	0.000426
								78	-3.20E-05	0.000426	-0.001601	86	-0.000104	0.000426
								79	-3.20E-05	0.000426	-0.001601	87	-0.000104	0.000426
								80	-3.20E-05	0.000426	-0.001601	88	-0.000104	0.000426
								81	-3.20E-05	0.000426	-0.001601	89	-0.000104	0.000426
								82	-3.20E-05	0.000426	-0.001601	90	-0.000104	0.000426
								83	-3.20E-05	0.000426	-0.001601	91	-0.000104	0.000426
								84	-3.20E-05	0.000426	-0.001601	92	-0.000104	0.000426
								85	-3.20E-05	0.000426	-0.001601	93	-0.000104	0.000426
								86	-3.20E-05	0.000426	-0.001601	94	-0.000104	0.000426
								87	-3.20E-05	0.000426	-0.001601	95	-0.000104	0.000426
								88	-3.20E-05	0.000426	-0.001601	96	-0.000104	0.000426
								89	-3.20E-05	0.000426	-0.001601			

[illegible]

-5.58E-05 -0.000212 -1.92E-06 -0.001086
5 -8.45E-06 0.000441
-5.58E-05 -0.000179 -1.81E-06 -0.000938
6 -5.97E-07 0.000430
-5.57E-05 -0.000138 -1.71E-06 -0.000806
7 -2.66E-06 0.000438
-5.56E-05 -8.32E-05 -1.70E-06 -0.000773
8 -1.21E-06 0.000437
-5.56E-05 5.74E-05 -1.71E-06 -0.000762
9 -6.37E-07 0.000436
-5.55E-05 -4.72E-05 -1.71E-06 -0.000755
10 8.24E-08 0.000436
-5.55E-05 -2.76E-05 -1.71E-06
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본체.OUT

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JOINT DISPLACEMENTS
TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT RX	UX RY	UY RZ	UZ
1	1.88E-05	0.000437	-0.000754
-5.54E-05	2.12E-05	-1.71E-06	
12	5.95E-06	0.000433	-0.000841
-5.52E-05	0.000116	-1.65E-06	
13	8.96E-06	0.000431	-0.000981
-5.51E-05	0.000179	-1.48E-06	
14	-0.000159	0.000430	-0.001281
-5.51E-05	0.000233	-1.36E-06	
15	8.96E-06	0.000430	-0.001322
-5.51E-05	0.000234	-1.35E-06	
16	8.96E-06	0.000430	-0.001352
-5.51E-05	0.000234	-1.34E-06	
17	8.96E-06	0.000428	-0.001780
-5.51E-05	0.000236	-1.29E-06	
18	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000
19	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000

COMB UEB05 ----- MAX

JOINT RX	UX RY	UY RZ	UZ
1	-8.29E-05	0.000447	-0.001356
-5.58E-05	0.000161	-2.00E-06	
2	-8.29E-05	0.000443	-0.001062
-5.58E-05	-0.000160	-1.95E-06	
3	-8.29E-05	0.000443	-0.001042
-5.58E-05	-0.000159	-1.94E-06	
4	-8.29E-05	0.000443	-0.001013
-5.58E-05	-0.000159	-1.92E-06	
5	-8.29E-05	0.000441	-0.000811
-5.58E-05	-0.000134	-1.81E-06	
6	-8.12E-05	0.000440	-0.000702
-5.57E-05	-0.000105	-1.71E-06	
7	-7.89E-05	0.000438	-0.000602
-5.56E-05	-6.60E-05	-1.70E-06	
8	-7.80E-05	0.000437	-0.000575
-5.56E-05	-4.85E-05	-1.71E-06	
9	-7.76E-05	0.000436	-0.000566
-5.55E-05	-4.16E-05	-1.71E-06	
10	-7.71E-05	0.000436	-0.000560
-5.55E-05	-2.84E-05	-1.71E-06	
11	-7.58E-05	0.000435	-0.000554
-5.54E-05	4.28E-06	-1.71E-06	
12	-7.31E-05	0.000433	-0.000600
-5.52E-05	6.78E-05	-1.65E-06	
13	-7.10E-05	0.000431	-0.000683
-5.51E-05	0.000110	-1.48E-06	
14	-7.10E-05	0.000430	-0.000876
-5.51E-05	0.000147	-1.36E-06	
15	-7.10E-05	0.000430	-0.000903
-5.51E-05	0.000148	-1.35E-06	
16	-7.10E-05	0.000430	-0.000922
-5.51E-05	0.000149	-1.34E-06	
17	-7.10E-05	0.000428	-0.001196
-5.51E-05	0.000151	-1.29E-06	
18	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000
19	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000

COMB UEB05 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	-8.29E-05	0.000447	-0.001356
-5.58E-05	-0.000161	-2.00E-06	
2	-8.29E-05	0.000443	-0.001062
-5.58E-05	-0.000160	-1.95E-06	
3	-8.29E-05	0.000443	-0.001042
-5.58E-05	-0.000159	-1.94E-06	
4	-8.29E-05	0.000443	-0.001013
-5.58E-05	-0.000159	-1.92E-06	
5	-8.29E-05	0.000441	-0.000811
-5.58E-05	-0.000134	-1.81E-06	
6	-8.12E-05	0.000440	-0.000702
-5.57E-05	-0.000105	-1.71E-06	
7	-7.89E-05	0.000438	-0.000602
-5.56E-05	-6.60E-05	-1.70E-06	
8	-7.80E-05	0.000437	-0.000575
-5.56E-05	-4.85E-05	-1.71E-06	
9	-7.76E-05	0.000436	-0.000566
-5.55E-05	-4.16E-05	-1.71E-06	
10	-7.71E-05	0.000436	-0.000560
-5.55E-05	-2.84E-05	-1.71E-06	
11	-7.58E-05	0.000435	-0.000554
-5.54E-05	4.28E-06	-1.71E-06	
12	-7.31E-05	0.000433	-0.000600
-5.52E-05	6.78E-05	-1.65E-06	
13	-7.10E-05	0.000431	-0.000683
-5.51E-05	0.000110	-1.48E-06	
14	-7.10E-05	0.000430	-0.000876
-5.51E-05	0.000147	-1.36E-06	
15	-7.10E-05	0.000430	-0.000903
-5.51E-05	0.000148	-1.35E-06	
16	-7.10E-05	0.000430	-0.000922
-5.51E-05	0.000149	-1.34E-06	
17	-7.10E-05	0.000428	-0.001196
-5.51E-05	0.000151	-1.29E-06	
18	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000
19	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000

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JOINT DISPLACEMENTS
TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT RX	UX RY	UY RZ	UZ
15	-7.10E-05	0.000430	-0.000903
-5.51E-05	0.000148	-1.35E-06	
16	-7.10E-05	0.000430	-0.000922
-5.51E-05	0.000149	-1.34E-06	
17	-7.10E-05	0.000428	-0.001196
-5.51E-05	0.000151	-1.29E-06	
18	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000
19	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000

COMB UEB06 ----- MAX

JOINT RX	UX RY	UY RZ	UZ
1	-8.45E-06	0.006639	-0.001815

-0.000881	-0.000215	-3.64E-05	
2	-8.45E-06	0.006574	-0.001426
-0.000881	-0.000213	-3.64E-05	
3	-8.45E-06	0.006569	-0.001399
-0.000881	-0.000213	-3.64E-05	
4	-8.45E-06	0.006563	-0.001361
-0.000881	-0.000212	-3.64E-05	
5	-8.45E-06	0.006529	-0.001086
-0.000874	-0.000179	-3.50E-05	
6	-5.97E-07	0.006496	-0.000938
-0.000873	-0.000138	-3.24E-05	
7	-2.66E-06	0.006458	-0.000806
-0.000871	-8.32E-05	-2.88E-05	
8	-1.21E-06	0.006444	-0.000773
-0.000870	-5.74E-05	-2.71E-05	
9	-6.37E-07	0.006439	-0.000762
-0.000869	-4.72E-05	-2.64E-05	
10	8.24E-08	0.006434	-0.000755
-0.000869	-2.76E-05	-2.56E-05	
11	1.88E-06	0.006421	-0.000754
-0.000867	2.12E-05	-2.34E-05	
12	5.95E-06	0.006395	-0.000841
-0.000864	0.000116	-1.83E-05	
13	8.96E-06	0.006379	-0.000981
-0.000862	0.000179	-1.44E-05	
14	8.96E-06	0.006374	-0.001281
-0.000870	0.000233	-1.29E-05	
15	8.96E-06	0.006371	-0.001322
-0.000870	0.000234	-1.29E-05	
16	8.96E-06	0.006370	-0.001352
-0.000870	0.000234	-1.29E-05	
17	8.96E-06	0.006346	-0.001780
-0.000870	0.000236	-1.29E-05	
18	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000
19	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000

COMB UEB06 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	-8.45E-06	0.006639	-0.001815
-0.000881	-0.000215	-3.64E-05	
2	-8.45E-06	0.006574	-0.001426
-0.000881	-0.000213	-3.64E-05	
3	-8.45E-06	0.006569	-0.001399
-0.000881	-0.000213	-3.64E-05	
4	-8.45E-06	0.006563	-0.001361
-0.000881	-0.000212	-3.64E-05	
5	-8.45E-06	0.006529	-0.001086
-0.000874	-0.000179	-3.50E-05	
6	-5.97E-06	0.006496	-0.000938
-0.000873	-0.000138	-3.24E-05	
7	-2.66E-06	0.006458	-0.000806
-0.000871	-8.32E-05	-2.88E-05	
8	-1.21E-06	0.006444	-0.000773
-0.000870	-5.74E-05	-2.71E-05	
9	-6.37E-07	0.006439	-0.000762
-0.000869	-4.72E-05	-2.64E-05	
10	8.24E-08	0.006434	-0.000755
-0.000869	-2.76E-05	-2.56E-05	
11	1.88E-06	0.006421	-0.000754
-0.000867	2.12E-05	-2.34E-05	
12	5.95E-06	0.006395	-0.000841
-0.000864	0.000116	-1.83E-05	
13	8.96E-06	0.006379	-0.000981
-0.000862	0.000179	-1.44E-05	
14	8.96E-06	0.006374	-0.001281
-0.000870	0.000233	-1.29E-05	
15	8.96E-06	0.006371	-0.001322
-0.000870	0.000234	-1.29E-05	
16	8.96E-06	0.006370	-0.001352
-0.000870	0.000234	-1.29E-05	
17	8.96E-06	0.006346	-0.001780
-0.000870	0.000236	-1.29E-05	
18	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000
19	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000

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JOINT DISPLACEMENTS
TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

JOINT RX	UX RY	UY RZ	UZ
1	-8.45E-06	1.64E-20	-0.001815
-2.34E-22	-0.000215	-4.52E-21	
2	-8.45E-06	8.31E-21	-0.001426
-2.34E-22	-0.000213	-4.50E-21	
3	-8.45E-06	7.75E-21	-0.001399
-2.34E-22	-0.000213	-4.51E-21	
4	-8.45E-06	6.96E-21	-0.001361
-2.34E-22	-0.000212	-4.51E-21	
5	-8.45E-06	3.31E-21	-0.001086
-2.34E-22	-0.000179	-4.65E-21	
6	-5.97E-06	1.36E-21	-0.000938
-1.80E-22	-0.000138	-4.51E-21	
7	-2.66E-06	7.73E-21	-0.000806
-1.02E-22	-8.32E-05	-4.56E-21	
8	-1.21E-06	9.48E-21	-0.000773
-6.53E-23	-5.74E-05	-4.04E-21	
9	-6.37E-07	1.03E-20	-0.000762
-5.08E-23	-4.72E-05	-3.73E-21	
10	8.24E-08	-1.09E-20	-0.000755
-2.72E-23	-2.76E-05	-2.73E-21	
11	1.88E-06	-1.16E-20	-0.000754
3.16E-23	2.12E-05	5.89E-24	
12	5.95E-06	-8.51E-21	-0.000841
1.53E-22	0.000116	4.31E-21	
13	8.96E-06	-3.31E-21	-0.000981
2.34E-22	0.000179	6.34E-21	
14	8.96E-06	2.77E-21	-0.001281
2.34E-22	0.000233	8.27E-21	
15	8.96E-06	4.22E-21	-0.001322
2.34E-22	0.000234	8.29E-21	
16	8.96E-06	5.26E-21	-0.001352
2.34E-22	0.000234	8.31E-21	
17	8.96E-06	2.04E-20	-0.001780
2.34E-22	0.000236	8.42E-21	
18	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000
19	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000

COMB UEB07 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	-8.45E-06	1.64E-20	-0.001815
-2.34E-22	-0.000215	-4.52E-21	
2	-8.45E-06	8.31E-21	-0.001426
-2.34E-22	-0.000213	-4.50E-21	</

[illegible]

2.13E-23	4.28E-06	1.05E-23	
12	-7.31E-05	-5.71E-21	-0.000600
1.03E-22	6.78E-05	2.88E-21	
13	-7.10E-05	-2.23E-21	-0.000683
1.58E-22	0.000110	4.26E-21	
14	-7.10E-05	1.87E-21	-0.000876
1.58E-22	0.000147	5.59E-21	
15	-7.10E-05	2.85E-21	-0.000903
1.58E-22	0.000148	5.61E-21	
16	-7.10E-05	3.55E-21	-0.000922
1.58E-22	0.000149	6.53E-21	
17	-7.10E-05	1.38E-20	-0.001196
1.58E-22	0.000151	5.74E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
COMB	UEB17	-----	MAX
JOINT	UX	UY	
RX	RY	RZ	UZ
1	-8.45E-06	1.64E-20	-0.001815
-2.34E-22	-0.000215	-4.52E-21	
2	-8.45E-06	8.31E-21	-0.001426
-2.34E-22	-0.000213	-4.50E-21	
3	-8.45E-06	7.75E-21	-0.001399
-2.34E-22	-0.000212	-4.50E-21	
4	-8.45E-06	6.96E-21	-0.001361
-2.34E-22	-0.000212	-4.51E-21	
5	-8.45E-06	3.31E-21	-0.001086
-2.34E-22	-0.000179	-4.65E-21	
6	-5.97E-06	1.36E-21	-0.000938
-1.80E-22	-0.000138	-4.95E-21	
7	-2.66E-06	-7.34E-21	-0.000806
-1.02E-22	-0.32E-05	-4.56E-21	
8	-1.21E-06	-9.48E-21	-0.000773
-6.53E-23	-5.74E-05	-4.04E-21	
9	-6.37E-07	1.03E-20	-0.000762
-5.08E-23	-0.000234	-8.35E-21	
10	8.24E-08	-1.09E-20	-0.000755
-2.72E-23	-2.76E-05	-2.73E-21	
11	1.88E-06	-1.16E-20	-0.000754
3.16E-23	2.12E-05	5.89E-24	
12	5.95E-06	8.51E-21	-0.000841
1.53E-22	0.000116	4.31E-21	
13	8.96E-06	-3.31E-21	-0.000981
2.34E-22	0.000179	6.34E-21	
14	8.96E-06	2.77E-21	-0.001281
2.34E-22	0.000233	8.27E-21	
15	8.96E-06	4.22E-21	-0.001322
2.34E-22	0.000234	8.29E-21	
16	8.96E-06	5.26E-21	-0.001352
2.34E-22	0.000234	8.31E-21	
17	8.96E-06	2.04E-20	-0.001780
2.34E-22	0.000236	8.42E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
COMB	UEB17	-----	MIN
JOINT	UX	UY	
RX	RY	RZ	UZ
1	-8.45E-06	1.64E-20	-0.001815
-2.34E-22	-0.000215	-4.52E-21	
2	-8.45E-06	8.31E-21	-0.001426
-2.34E-22	-0.000213	-4.50E-21	
3	-8.45E-06	7.75E-21	-0.001399
-2.34E-22	-0.000212	-4.51E-21	
4	-8.45E-06	6.96E-21	-0.001361
-2.34E-22	-0.000212	-4.51E-21	
5	-8.45E-06	3.31E-21	-0.001086
-2.34E-22	-0.000179	-4.65E-21	
6	-5.97E-06	1.36E-21	-0.000938
-1.80E-22	-0.000138	-4.95E-21	
7	-2.66E-06	-7.34E-21	-0.000806
-1.02E-22	-0.32E-05	-4.56E-21	
8	-1.21E-06	-9.48E-21	-0.000773
-6.53E-23	-5.74E-05	-4.04E-21	
9	-6.37E-07	1.03E-20	-0.000762
-5.08E-23	-0.000234	-8.35E-21	
10	8.24E-08	-1.09E-20	-0.000755
-2.72E-23	-2.76E-05	-2.73E-21	
Program	SAP2000	Nonlinear	Version 7.42
File:	청도1교상행_P9_본체	OUT	
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-0.000102	0.000133	-2.49E-06	
16	-6.39E-05	0.000794	-0.000830
-0.000102	0.000134	-2.47E-06	
17	-6.39E-05	0.000790	-0.000830
-0.000102	0.000136	-2.39E-06	-0.001076
18	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
COMB	UEB18	-----	MIN
JOINT	UX	UY	
RX	RY	RZ	UZ
1	-7.46E-05	0.000826	-0.001220
-0.000103	-0.000145	-3.68E-06	
2	-7.46E-05	0.000819	-0.000956
-0.000103	-0.000144	-3.60E-06	
3	-7.46E-05	0.000818	-0.000938
-0.000103	-0.000144	-3.58E-06	
4	-7.46E-05	0.000818	-0.000912
-0.000103	-0.000143	-3.55E-06	
5	-7.46E-05	0.000815	-0.000730
-0.000103	-0.000121	-3.33E-06	
6	-7.31E-05	0.000812	-0.000631
-0.000103	-9.42E-05	-3.16E-06	
7	-7.10E-05	0.000808	-0.000542
-0.000103	-9.44E-05	-3.14E-06	
8	-7.02E-05	0.000806	-0.000517
-0.000103	-4.36E-05	-3.15E-06	
9	-6.98E-05	0.000806	-0.000510
-0.000103	-3.74E-05	-3.16E-06	
10	-6.94E-05	0.000805	-0.000504
-0.000102	-2.55E-05	-3.16E-06	
11	-6.83E-05	0.000803	-0.000499
-0.000102	3.85E-06	-3.16E-06	
12	-6.57E-05	0.000799	-0.000540
-0.000102	6.10E-05	-3.04E-06	
13	-6.39E-05	0.000796	-0.000615
-0.000102	9.92E-05	-2.47E-06	
14	-6.39E-05	0.000794	-0.000789
-0.000102	0.000133	-2.52E-06	
Program	SAP2000	Nonlinear	Version 7.42
File:	청도1교상행_P9_본체	OUT	
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File:	청도1교상행_P9_본체	OUT	
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: AAbutPier	SAP2000	6-7	데이타파일 : 교각 본체
JOINT	DISPLACEMENTS		
TRANSLATIONS AND ROTATIONS, IN GLOBAL			
COORDINATES			
JOINT	UX	UY	
RX	RY	RZ	UZ
19	.000000	.000000	.000000
.000000	.000000	.000000	.000000
COMB	SVO02	-----	MAX
JOINT	UX	UY	
RX	RY	RZ	UZ
1	-7.70E-05	1.10E-20	-0.001355
-1.58E-22	-0.000161	-3.03E-21	
2	-7.70E-05	5.58E-21	-0.001062
-1.58E-22	-0.000160	-3.01E-21	
3	-7.70E-05	5.20E-21	-0.001042
-1.58E-22	-0.000159	-3.02E-21	
4	-7.70E-05	4.68E-21	-0.001013
-1.58E-22	-0.000159	-3.02E-21	
5	-7.70E-05	2.23E-21	-0.000811
-1.58E-22	-0.000134	-3.12E-21	
6	-7.53E-05	-9.09E-22	-0.000702
-1.21E-22	-0.000105	-3.34E-21	
7	-7.31E-05	-4.93E-21	-0.000602
-6.85E-23	-2.83E-05	-3.06E-21	
8	-7.21E-05	-6.37E-21	-0.000575
-4.40E-23	-4.84E-05	-2.70E-21	
9	-7.17E-05	-6.90E-21	-0.000566
-3.42E-23	-4.15E-05	-2.56E-21	
10	-7.12E-05	-7.33E-21	-0.000560
-1.84E-23	-2.83E-05	-3.34E-21	
11	-7.00E-05	-7.78E-21	-0.000554
2.13E-23	4.32E-06	9.13E-24	
12	-6.72E-05	-5.72E-21	-0.000600
1.03E-22	6.79E-05	2.88E-21	
13	-6.51E-05	-2.23E-21	-0.000683
1.58E-22	0.000110	4.26E-21	
14	-6.51E-05	1.87E-21	-0.000876
1.58E-22	0.000148	5.59E-21	
15	-6.51E-05	2.85E-21	-0.000903
1.58E-22	0.000148	5.61E-21	
16	-6.51E-05	5.65E-21	-0.000922
1.58E-22	0.000149	5.63E-21	
17	-6.51E-05	1.38E-20	-0.001196
1.58E-22	0.000151	5.74E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
COMB	SVO02	-----	MIN
JOINT	UX	UY	
RX	RY	RZ	UZ
1	-7.70E-05	1.10E-20	-0.001355
-1.58E-22	-0.000161	-3.03E-21	
2	-7.70E-05	5.58E-21	-0.001062
-1.58E-22	-0.000160	-3.01E-21	
3	-7.70E-05	5.20E-21	-0.001042
-1.58E-22	-0.000159	-3.02E-21	
4	-7.70E-05	4.68E-21	-0.001013
-1.58E-22	-0.000134	-3.12E-21	
5	-7.70E-05	2.23E-21	-0.000811
-1.58E-22	-0.000134	-3.12E-21	
6	-7.53E-05	-9.09E-22	-0.000702
-1.21E-22	-0.000105	-3.34E-21	
7	-7.31E-05	-4.93E-21	-0.000602
-6.85E-23	-2.83E-05	-3.06E-21	
8	-7.21E-05	-6.37E-21	-0.000575
-4.40E-23	-4.84E-05	-2.70E-21	
9	-7.17E-05	-6.90E-21	-0.000566
-3.42E-23	-4.15E-05	-2.56E-21	
10	-7.12E-05	-7.33E-21	-0.000560
-1.84E-23	-2.83E-05	-3.34E-21	
11	-7.00E-05	-7.78E-21	-0.000554
2.13E-23	4.32E-06	9.13E-24	
12	-6.72E-05	-5.72E-21	-0.000600
1.03E-22	6.79E-05	2.88E-21	
13	-6.51E-05	-2.23E-21	-0.000683
1.58E-22	0.000110	4.26E-21	
14	-6.51E-05	1.87E-21	-0.000876
1.58E-22	0.000148	5.59E-21	
15	-6.51E-05	2.85E-21	-0.000903
1.58E-22	0.000148	5.61E-21	
16	-6.51E-05	5.65E-21	-0.000922
1.58E-22	0.000149	5.63E-21	
17	-6.51E-05	1.38E-20	-0.001196
1.58E-22	0.000151	5.74E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
Program	SAP2000	Nonlinear	Version 7.42
File:	청도1교상행_P9_본체	OUT	
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18	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
COMB	SVO03	-----	MIN
JOINT	UX	UY	
RX	RY	RZ	UZ
1	0.0001518	1.57E-20	-0.000944
2	0.0001518	8.38E-21	-0.000838
-2.77E-22	-5.76E-05	-4.06E-21	
3	0.0001518	7.87E-21	-0.000830
-2.77E-22	-5.57E-05	-4.04E-21	
4	0.0001518	1.16E-21	-0.000820
-2.77E-22	-5.52E-05	-4.04E-21	
5	0.0001516	3.92E-21	-0.000696
-2.77E-22	-4.06E-05	-4.11E-21	
6	0.0001518	-1.31E-22	-0.000647
-2.12E-22	-3.97E-05	-4.22E-21	
7	0.0001520	-5.33E-21	-0.000589
-1.20E-22	-2.56E-05	-4.21E-21	
8	0.0001521	-7.38E-21	-0.000571
-1.71E-23	1.33E-05	-3.99E-21	
9	0.0001521	-8.16E-21	-0.000565
-6.00E-23	-7.32E-06	-3.88E-21	
10	0.0001522	-9.87E-21	-0.000561
-3.22E-23	5.34E-06	-3.18E-21	
11	0.0001523	-9.96E-21	-0.000561
3.73E-23	4.22E-05	-1.13E-21	
12	0.0001526	-8.41E-21	-0.000645
1.80E-22	0.000140	3.22E-21	
13	0.0001528	-3.92E-21	-0.000797
2.77E-22	0.000226	6.11E-21	
14	0.0001530	1.91E-21	-0.001090
2.77E-22	0.000281	8.06E-21	
15	0.0001530	3.32E-21	-0.001140
2.77E-22	0.000281	8.08E-21	
16	0.0001530	4.34E-21	-0.001176
2.77E-22	0.000282	8.10E-21	
17	0.0001530	1.91E-20	-0.001690
2.77E-22	0.000284	8.21E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
COMB	SVO04	-----	MAX
JOINT	UX	UY	
RX	RY	RZ	UZ
1	0.000965	1.81E-20	-0.001447
-2.92E-22	-0.000136	-4.83E-21	
2	0.000965	9.46E-21	-0.001199
-2.92E-22	0.000134	-4.81E-21	

RX	RY	RZ		19	.000000	.000000	.000000	-1.83E-22	-0.000178	-3.54E-21	-0.001081	JOINT	RX	UY	UZ	
-2.33E-22	0.000907	1.40E-20	-0.001093	.000000	.000000	.000000		-1.83E-22	-0.000462	6.49E-21		1	UY	UZ		
2	9.50E-05	3.68E-21		COMB	SVO06	-----	MIN	-1.83E-22	-0.000176	-3.52E-21		1	RX	RY		
-2.33E-22	0.000907	7.35E-21	-0.000919					3	0.000449	6.05E-21	-0.001058	-1.58E-22	2	-7.70E-05	1.10E-20	
-2.33E-22	-9.34E-05	-3.67E-21						-1.83E-22	-0.000176	-3.52E-21	-0.001058	2	7.70E-05	5.58E-21	-0.001062	
3	0.000907	6.90E-21	-0.000907	JOINT	UX	UY	UZ	4	-0.000432	5.43E-21	-0.001027	-1.58E-22	2	-0.000160	-3.01E-21	
-2.33E-22	-9.30E-05	-3.67E-21		RX	RY	RZ		-1.83E-22	-0.000176	-3.52E-21		3	-7.70E-05	5.02E-21	-0.001042	
4	0.000907	6.25E-21	-0.000890		-0.000584	1.70E-20	-0.001757	5	-0.000352	2.59E-21	-0.000811	-1.58E-22	3	-0.000159	-3.02E-21	
-2.33E-22	9.25E-05	-3.67E-21		-2.41E-22	-0.000219	-4.68E-21		-1.83E-22	-0.000151	-3.63E-21		4	-7.70E-05	4.68E-21	-0.001013	
5	0.000907	6.00E-21	-0.000738	2	-0.000404	8.59E-21	-0.001360	7	-0.000129	-1.06E-21	-0.000687	-1.58E-22	4	-9.00E-05	3.06E-21	
-2.33E-22	-7.49E-05	-3.75E-21		-2.41E-22	-0.000392	-4.67E-21		-1.40E-22	-0.000118	-3.87E-21		5	-7.70E-05	2.23E-21	-0.000811	
6	0.000908	-4.15E-22	-0.000667	3	-0.000392	8.01E-21	-0.001333	7	-0.000129	-5.74E-21	-0.000575	-1.58E-22	5	-0.000134	-3.12E-21	
-1.79E-22	-6.34E-05	-3.90E-21		4	-0.000374	7.19E-21	-0.001294	9	-0.000375	-3.56E-21	-0.000545	-1.21E-22	6	-7.53E-05	-9.09E-22	
Program	SAP2000	Nonlinear	Version 7.42	-2.41E-22	-0.000216	-4.67E-21		-5.09E-23	-5.28E-05	-3.14E-21		-1.21E-22	6	-0.000105	-3.34E-21	
File:청도1교상행_P9_본체.OUT				5	-0.000294	3.42E-21	-0.001022	12	0.000139	-6.64E-21	-0.000536	-6.85E-23	7	-7.31E-05	-4.93E-21	
				-2.41E-22	-0.000185	-4.81E-21		-3.96E-23	-4.48E-05	-2.98E-21		8	-7.21E-05	-6.37E-21	-0.000575	
: AAbutPier	SAP2000	6-7	데이타파일 : 교각 본체	6	-0.000195	-1.41E-21	-0.000869	10	-3.71E-05	-8.53E-21	-0.000529	-4.40E-23	8	-4.84E-05	-2.70E-21	
Page	59			-1.85E-22	-0.000143	-5.12E-21		-2.13E-23	-2.95E-05	-2.12E-21		9	-7.17E-05	-6.90E-21	-0.000566	
JOINT DISPLACEMENTS				7	-6.99E-05	-7.59E-21	-0.000733	11	1.39E-05	-9.04E-21	-0.000524	-3.42E-23	9	-4.15E-05	-2.56E-21	
TRANSLATIONS AND ROTATIONS, IN GLOBAL				-1.05E-22	-8.64E-05	-4.71E-21	-0.000697	2.46E-23	8.55E-06	1.48E-23	-0.000582	-1.84E-23	10	-7.12E-05	-7.33E-21	
COORDINATES				8	-1.87E-05	-9.80E-21		12	0.000139	-6.64E-21		10	-7.00E-05	-1.82E-21	-0.000554	
				-6.74E-23	-5.97E-05	-4.17E-21		1.19E-22	8.25E-05	3.36E-21		11	-7.00E-05	-7.78E-21	-0.000554	
				9	1.72E-06	-1.06E-20	-0.000687	13	0.000238	-2.59E-21	-0.000683	2.13E-23	12	4.32E-06	9.13E-24	
				-5.24E-23	-4.92E-05	-3.96E-21		1.83E-22	0.000132	4.95E-21		12	-5.72E-05	-5.72E-21	-0.000600	
				10	2.23E-05	-1.13E-20	-0.000680	14	0.000318	2.06E-21	-0.000893	1.03E-22	13	6.79E-05	2.88E-21	
				-2.81E-23	-2.89E-05	-2.82E-21		1.83E-22	0.000169	6.28E-21		13	-6.51E-05	-2.23E-21	-0.000683	
				3.26E-23	2.15E-05	1.13E-23	-0.000678	1.83E-22	0.000169	3.17E-21	-0.000923	1.58E-22	14	0.000148	4.66E-21	
				12	0.000199	-8.79E-21	-0.000768	1.83E-22	0.000169	6.30E-21		14	-6.51E-05	1.87E-21	-0.000876	
				1.57E-22	0.000120	4.45E-21	-0.000912	16	0.000348	3.95E-21	-0.000945	1.58E-22	15	-6.51E-05	2.85E-21	
				13	0.000299	-3.42E-21		17	0.000528	1.55E-20	-0.001257	1.58E-22	15	0.000148	5.61E-21	
				2.41E-22	0.000184	6.55E-21	-0.001204	1.83E-22	0.000172	6.43E-21		16	-6.51E-05	-1.55E-21	-0.000922	
				10	0.000379	2.76E-21		.000000	.000000	.000000		16	0.000149	5.63E-21		
				15	0.000397	4.22E-21	-0.001246	Program	SAP2000	Nonlinear	Version 7.42	1.58E-22	17	-6.51E-05	1.38E-20	-0.001196
				2.41E-22	0.000235	8.36E-21		File:청도1교상행_P9_본체.OUT				18	0.000151	5.74E-21		
				16	0.000409	5.27E-21	-0.001276					18	.000000	.000000	.000000	
				2.41E-22	0.000236	8.38E-21		: AAbutPier	SAP2000	6-7	데이타파일 : 교각 본체	19	.000000	.000000	.000000	
				10	0.000390	2.05E-20	-0.001707	Page	62			19	.000000	.000000	.000000	
				2.41E-22	0.000238	8.49E-21		COMB	SVO10	-----	MAX	.000000	.000000	.000000	.000000	
				18	.000000	.000000	.000000	JOINT DISPLACEMENTS				COMB	SVO10	-----	MAX	
				.000000	.000000	.000000	.000000	TRANSLATIONS AND ROTATIONS, IN GLOBAL				JOINT	RX	UY	UZ	
				.000000	.000000	.000000	.000000	COORDINATES				1	UY	UZ		
				COMB	SVO07	-----	MAX	JOINT	UX	UY	UZ	1	UY	UZ		
				JOINT	RX	RY	RZ	19	.000000	.000000	.000000	2	UY	UZ		
				-2.17E-22	-1.98E-05	1.52E-20	-0.001709	.000000	.000000	.000000	.000000	3	UY	UZ		
				2	-1.98E-05	7.69E-21	-0.001342	COMB	SVO08	-----	MIN	3	UY	UZ		
				-2.17E-22	-0.002001	-4.16E-21		JOINT	UX	UY	UZ	4	UY	UZ		
				3	-1.98E-05	7.16E-21	-0.001316	1	UY	UZ		4	UY	UZ		
				-2.17E-22	-0.000200	-4.16E-21	-0.001280	1	UY	UZ		5	UY	UZ		
				-2.17E-22	-1.98E-05	6.44E-21		-1.83E-22	-0.000178	1.28E-20	-0.001404	6	UY	UZ		
				5	-1.98E-05	3.07E-21	-0.001022	2	-0.000462	6.49E-21	-0.001081	-2.31E-22	6	UY	UZ	
				-2.17E-22	-0.000169	-4.30E-21		-1.83E-22	-0.000176	-3.52E-21		-1.31E-22	7	UY	UZ	
				6	-1.75E-05	-1.25E-21	-0.000883	3	-0.000449	6.05E-21	-0.001058	8	UY	UZ		
				-1.66E-22	-0.000131	-4.52E-21		-1.83E-22	-0.000176	-3.52E-21		-8.41E-23	8	UY	UZ	
				-9.40E-23	-7.92E-05	-4.44E-21	-0.000759	-1.83E-22	-0.000129	-5.72E-21	-0.001027	9	UY	UZ		
				8	-1.30E-05	-8.77E-21	-0.000727	-1.83E-22	-0.000176	-3.52E-21		-6.54E-23	9	UY	UZ	
				-6.04E-23	-5.53E-05	-3.73E-21		5	-0.000352	2.59E-21	-0.000811	-3.51E-23	10	UY	UZ	
				9	-1.25E-05	-9.49E-21	-0.000717	-1.83E-22	-0.000151	-3.63E-21		11	UY	UZ		
				-4.70E-23	-4.59E-05	-3.54E-21		6	-0.000215	-1.06E-21	-0.000687	4.07E-23	11	UY	UZ	
				10	-1.18E-05	-1.01E-20	-0.000710	-1.40E-22	-0.000118	-3.87E-21		12	UY	UZ		
				-2.52E-23	-2.77E-05	-2.52E-21		-7.93E-23	-7.32E-05	-3.56E-21	-0.000575	1.96E-22	12	UY	UZ	
				11	-1.02E-05	-1.07E-20	-0.000708	8	-7.78E-05	-7.41E-21	-0.000545	13	UY	UZ		
				2.92E-23	1.73E-05	5.60E-24		-5.09E-23	-5.28E-05	-3.14E-21	-0.000536	14	UY	UZ		
				12	-6.40E-06	-7.87E-21	-0.000786	9	-5.75E-05	-8.02E-21	-0.000529	3.01E-22	14	UY	UZ	
				1.41E-22	0.000105	3.98E-21	-0.000912	-3.96E-23	-4.48E-05	-2.98E-21		15	UY	UZ		
				2.17E-22	0.000163	5.87E-21		-2.13E-23	-2.95E-05	-2.12E-21	-0.000524	15	UY	UZ		
				14	-3.62E-06	2.56E-21	-0.001188	11	1.39E-05	-9.04E-21	-0.000524	3.01E-22	16	UY	UZ	
				2.17E-22	0.000213	7.65E-21		2.46E-23	8.55E-06	1.48E-23		17	UY	UZ		
				Program	SAP2000	Nonlinear	Version 7.42	12	0.000139	-6.64E-21	-0.000582	3.01E-22	17	UY	UZ	
				File:청도1교상행_P9_본체.OUT				1.19E-22	8.25E-05	3.36E-21		18	UY	UZ		
				: AAbutPier	SAP2000	6-7	데이타파일 : 교각 본체	1.83E-22	0.000132	4.95E-21	-0.000683	18	UY	UZ		
				Page	61			14	0.000318	2.06E-21	-0.000893	19	UY	UZ		
				COMB	SVO06	-----	MAX	1.83E-22	0.000169	6.28E-21		19	UY	UZ		
				JOINT DISPLACEMENTS				15	0.000335	3.17E-21	-0.000923	COMB	SVO10	-----	MIN	
				TRANSLATIONS AND ROTATIONS, IN GLOBAL				1.83E-22	0.000169	6.30E-21	-0.000945	JOINT	RX	UY	UZ	
				COORDINATES				1.83E-22	0.000170	6.32E-21		1	UY	UZ		
				JOINT	UX	UY	UZ	17	0.000528	1.55E-20	-0.001257	1	UY	UZ		
				1	UY	UZ		1.83E-22	0.000172	6.43E-21		2	UY	UZ		
				18	.000000	.000000	.000000	18	.000000	.000000	.000000	2	UY	UZ		
				.000000	.000000	.000000	.000000	19	.000000	.000000	.000000	3	UY	UZ		
				.000000	.000000	.000000	.000000	COMB	SVO09	-----	MAX	3	UY	UZ		
				JOINT	UX	UY	UZ	JOINT	UX	UY	UZ	3	UY	UZ		
				1	UY	UZ		1	UY	UZ		4	UY	UZ		
				-1.58E-22	-0.000161	-3.03E-21	-0.001062	1	-7.70E-05	1.10E-20	-0.001355	1	UY	UZ		
				-1.58E-22	-0.000160	-3.01E-21		2	-7.70E-05	5.58E-21	-0.001062	2	UY	UZ		
				3	7.70E-05	5.20E-21	-0.001042	3	7.70E-05	5.20E-21	-0.001042	3	UY	UZ		
				-1.58E-22												

4	0.001517	7.16E-21	-0.000820
-2.77E-22	-5.52E-05	-4.04E-21	
5	0.001516	3.92E-21	-0.000696
-2.77E-22	-4.06E-05	-4.11E-21	
6	0.001518	-1.31E-22	-0.000647
-2.12E-22	-3.97E-05	-4.22E-21	
7	0.001520	-5.33E-21	-0.000589
-1.20E-22	-2.56E-05	-4.21E-21	
8	0.001521	-7.38E-21	-0.000571
-7.71E-23	-1.33E-05	-3.99E-21	
9	0.001521	-8.16E-21	-0.000565
-6.00E-23	-7.32E-06	-3.88E-21	
10	0.001522	-8.87E-21	-0.000561
-3.22E-23	5.34E-06	-3.18E-21	
11	0.001523	-9.96E-21	-0.000561
3.73E-23	4.22E-05	-1.13E-21	
12	0.001526	-8.41E-21	-0.000645
1.80E-22	0.000140	3.22E-21	
13	0.001528	-3.92E-21	-0.000797
2.77E-22	0.000226	6.11E-21	
14	0.001530	1.91E-21	-0.001090
2.77E-22	0.000281	8.06E-21	
15	0.001530	3.32E-21	-0.001140
2.77E-22	0.000281	8.08E-21	
16	0.001530	4.34E-21	-0.001176
2.77E-22	0.000282	8.10E-21	
17	0.001530	1.91E-20	-0.001690
2.77E-22	0.000284	8.21E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
COMB SVO11 ----- MIN			
JOINT RX UY RZ UZ			
1	0.001518	1.57E-20	-0.000944
-2.77E-22	-5.76E-05	-4.06E-21	
2	0.001518	8.38E-21	-0.000838
-2.77E-22	-5.60E-05	-4.04E-21	
3	0.001518	7.87E-21	-0.000830
-2.77E-22	-5.57E-05	-4.04E-21	
4	0.001517	7.16E-21	-0.000820
-2.77E-22	-5.52E-05	-4.04E-21	
5	0.001516	3.92E-21	-0.000696
-2.77E-22	-4.06E-05	-4.11E-21	
6	0.001518	-1.31E-22	-0.000647
-2.12E-22	-3.97E-05	-4.22E-21	
Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT			
Page : AAbutPier SAP2000 6-7 데이타파일 : 교각 본체 65			
JOINT DISPLACEMENTS			
TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES			
JOINT RX UY RZ UZ			
1	0.001520	-5.33E-21	-0.000589
-1.20E-22	-2.56E-05	-4.21E-21	
8	0.001521	-7.38E-21	-0.000571
-7.71E-23	-1.33E-05	-3.99E-21	
9	0.001521	-8.16E-21	-0.000565
-6.00E-23	5.34E-06	-3.18E-21	
10	0.001522	-8.87E-21	-0.000561
-3.22E-23	5.34E-06	-3.18E-21	
11	0.001523	-9.96E-21	-0.000561
3.73E-23	4.22E-05	-1.13E-21	
12	0.001526	-8.41E-21	-0.000645
1.80E-22	0.000140	3.22E-21	
13	0.001528	-3.92E-21	-0.000797
2.77E-22	0.000226	6.11E-21	
14	0.001530	1.91E-21	-0.001090
2.77E-22	0.000281	8.06E-21	
15	0.001530	3.32E-21	-0.001140
2.77E-22	0.000281	8.08E-21	
16	0.001530	4.34E-21	-0.001176
2.77E-22	0.000282	8.10E-21	
17	0.001530	1.91E-20	-0.001690
2.77E-22	0.000284	8.21E-21	
18	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
COMB SVO12 ----- MAX			
JOINT RX UY RZ UZ			
1	0.000400	2.00E-20	-0.001495
-3.17E-22	-0.000153	-5.34E-21	
2	0.000580	1.04E-20	-0.001218
-3.17E-22	-0.000151	-5.32E-21	
3	0.000589	9.70E-21	-0.001198
-3.17E-22	-0.000151	-5.32E-21	
4	0.000610	8.77E-21	-0.001171
-3.17E-22	-0.000150	-5.32E-21	
5	0.000689	4.49E-21	-0.000950
-3.17E-22	-0.000126	-4.43E-21	
6	0.000724	-7.84E-21	-0.000724
-2.43E-22	-0.000102	-5.68E-21	
7	0.000914	-7.84E-21	-0.000724
-1.38E-22	-6.07E-05	-5.44E-21	
8	0.000965	-1.04E-20	-0.000695
-8.84E-23	-3.74E-05	-4.99E-21	
9	0.000985	-1.14E-20	-0.000687
-6.87E-23	-2.75E-05	-4.79E-21	
10	0.001006	-1.23E-20	-0.000680
-3.69E-23	-7.52E-06	-3.68E-21	
11	0.001057	-1.34E-20	-0.000683
4.27E-23	4.56E-05	-7.13E-22	
12	0.001183	-1.05E-20	-0.000796
2.06E-22	0.000165	4.67E-21	
13	0.001283	-4.49E-21	-0.000985
3.17E-22	0.000258	7.72E-21	
14	0.001364	2.80E-21	-0.001340
3.17E-22	0.000320	9.94E-21	
15	0.001382	4.54E-21	-0.001397
3.17E-22	0.000321	9.96E-21	
16	0.001394	5.79E-21	-0.001438
3.17E-22	0.000321	9.98E-21	
17	0.001574	2.39E-20	-0.002022
3.17E-22	0.000323	1.01E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
COMB SVO13 ----- MIN			
JOINT RX UY RZ UZ			
1	0.000400	2.00E-20	-0.001495
-3.17E-22	-0.000153	-5.34E-21	
2	0.000580	1.04E-20	-0.001218
-3.17E-22	-0.000151	-5.32E-21	
3	0.000589	9.70E-21	-0.001198
-3.17E-22	-0.000151	-5.32E-21	
4	0.000610	8.77E-21	-0.001171
-3.17E-22	-0.000150	-5.32E-21	
5	0.000689	4.49E-21	-0.000950
-3.17E-22	-0.000126	-4.43E-21	
6	0.000724	-7.84E-21	-0.000724
-2.43E-22	-0.000102	-5.68E-21	
7	0.000914	-7.84E-21	-0.000724
-1.38E-22	-6.07E-05	-5.44E-21	
8	0.000965	-1.04E-20	-0.000695
-8.84E-23	-3.74E-05	-4.99E-21	
9	0.000985	-1.14E-20	-0.000687
-6.87E-23	-2.75E-05	-4.79E-21	
10	0.001006	-1.23E-20	-0.000680
-3.69E-23	-7.52E-06	-3.68E-21	
11	0.001057	-1.34E-20	-0.000683
4.27E-23	4.56E-05	-7.13E-22	
12	0.001183	-1.05E-20	-0.000796
2.06E-22	0.000165	4.67E-21	
13	0.001283	-4.49E-21	-0.000985
3.17E-22	0.000258	7.72E-21	
14	0.001364	2.80E-21	-0.001340
3.17E-22	0.000320	9.94E-21	
15	0.001382	4.54E-21	-0.001397
3.17E-22	0.000321	9.96E-21	
16	0.001394	5.79E-21	-0.001438
3.17E-22	0.000321	9.98E-21	
17	0.001574	2.39E-20	-0.002022
3.17E-22	0.000323	1.01E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
COMB SVO14 ----- MIN			
JOINT RX UY RZ UZ			
1	0.000400	2.00E-20	-0.001495
-3.17E-22	-0.000153	-5.34E-21	
2	0.000580	1.04E-20	-0.001218
-3.17E-22	-0.000151	-5.32E-21	
3	0.000589	9.70E-21	-0.001198
-3.17E-22	-0.000151	-5.32E-21	
4	0.000610	8.77E-21	-0.001171
-3.17E-22	-0.000150	-5.32E-21	
5	0.000689	4.49E-21	-0.000950
-3.17E-22	-0.000126	-4.43E-21	
6	0.000724	-7.84E-21	-0.000724
-2.43E-22	-0.000102	-5.68E-21	
7	0.000914	-7.84E-21	-0.000724
-1.38E-22	-6.07E-05	-5.44E-21	
8	0.000965	-1.04E-20	-0.000695
-8.84E-23	-3.74E-05	-4.99E-21	
9	0.000985	-1.14E-20	-0.000687
-6.87E-23	-2.75E-05	-4.79E-21	
10	0.001006	-1.23E-20	-0.000680
-3.69E-23	-7.52E-06	-3.68E-21	
11	0.001057	-1.34E-20	-0.000683
4.27E-23	4.56E-05	-7.13E-22	
12	0.001183	-1.05E-20	-0.000796
2.06E-22	0.000165	4.67E-21	
13	0.001283	-4.49E-21	-0.000985
3.17E-22	0.000258	7.72E-21	
14	0.001364	2.80E-21	-0.001340
3.17E-22	0.000320	9.94E-21	
15	0.001382	4.54E-21	-0.001397
3.17E-22	0.000321	9.96E-21	
16	0.001394	5.79E-21	-0.001438
3.17E-22	0.000321	9.98E-21	
17	0.001574	2.39E-20	-0.002022
3.17E-22	0.000323	1.01E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
COMB SVO15 ----- MAX			
JOINT RX UY RZ UZ			
1	0.000400	2.00E-20	-0.001495
-3.17E-22	-0.000153	-5.34E-21	
2	0.000580	1.04E-20	-0.001218
-3.17E-22	-0.000151	-5.32E-21	
3	0.000589	9.70E-21	-0.001198
-3.17E-22	-0.000151	-5.32E-21	
4	0.000610	8.77E-21	-0.001171
-3.17E-22	-0.000150	-5.32E-21	
5	0.000689	4.49E-21	-0.000950
-3.17E-22	-0.000126	-4.43E-21	
6	0.000724	-7.84E-21	-0.000724
-2.43E-22	-0.000102	-5.68E-21	
7	0.000914	-7.84E-21	-0.000724
-1.38E-22	-6.07E-05	-5.44E-21	
8	0.000965	-1.04E-20	-0.000695
-8.84E-23	-3.74E-05	-4.99E-21	
9	0.000985	-1.14E-20	-0.000687
-6.87E-23	-2.75E-05	-4.79E-21	
10	0.001006	-1.23E-20	-0.000680
-3.69E-23	-7.52E-06	-3.68E-21	
11	0.001057	-1.34E-20	-0.000683
4.27E-23	4.56E-05	-7.13E-22	
12	0.001183	-1.05E-20	-0.000796
2.06E-22	0.000165	4.67E-21	
13	0.001283	-4.49E-21	-0.000985
3.17E-22	0.000258	7.72E-21	
14	0.001364	2.80E-21	-0.001340
3.17E-22	0.000320	9.94E-21	
15	0.001382	4.54E-21	-0.001397
3.17E-22	0.000321	9.96E-21	
16	0.001394	5.79E-21	-0.001438
3.17E-22	0.000321	9.98E-21	
17	0.001574	2.39E-20	-0.002022
3.17E-22	0.000323	1.01E-20	
18	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
COMB SVO16 ----- MAX			
JOINT RX UY RZ UZ			
1	0.000400	2.00E-20	-0.001495
-3.17E-22	-0.000153	-5.34E-21	
2	0.000580	1.04E-20	-0.001218
-3.17E-22	-0.000151	-5.32E-21	
3	0.000589	9.70E-21	-0.001198
-3.17E-22	-0.000151	-5.32E-21	
4	0.000610	8.77E-21	-0.001171
-3.17E-22	-0.000150	-5.32E-21	
5	0.000689	4.49E-21	-0.000950
-3.17E-22	-0.000126	-4.43E-21	
6	0.000724	-7.84E-21	-0.000724
-2.43E-22	-0.000102	-5.68E-21	
7	0.000914	-7.84E-21	-0.000724
-1.38E-22	-6.07E-05	-5.44E-21	
8	0.000965	-1.04E-20	-0.000695
-8.84E-23	-3.74E-05	-4.99E-21	
9	0.000985	-1.14E-20	-0.000687
-6.87E-23	-2.75E-05	-4.79E-21	
10	0.001006	-1.23E-20	-0.000680
-3.69E-23	-7.52E-06	-3.68E-21	
11	0.001057	-1.34E-20	-0.000683
4.27E-23	4.56E-05	-7.13E-22	
12	0.001183	-1.05E-20	-0.000796
2.06E-22	0.000165	4.67E-21	
13	0.001283	-4.49E-21	-0.000985
3.17E-22	0.000258	7.72E-21	
14	0.001364	2.80E-21	-0.001340
3.17E-22	0.000320	9.94E-21	
15	0.001382	4.54E-21	

8.90E-23	8.58E-05	-3.98E-21		
8	-9.37E-05	-8.28E-21	-0.000747	
-5.72E-23	-6.29E-05	-5.51E-21		
9	-9.32E-05	-8.96E-21	-0.000736	
-4.45E-23	5.40E-05	-3.33E-21		
10	-9.25E-05	-9.53E-21	-0.000728	
-2.39E-23	-3.68E-05	-2.37E-21		
11	-9.10E-05	-1.01E-20	-0.000720	
2.77E-23	5.62E-06	1.19E-23		
12	-7.83E-05	-7.43E-21	-0.000780	
1.34E-22	8.82E-05	3.75E-21		
13	-8.47E-05	-2.90E-21	-0.000888	
2.05E-22	0.000144	5.54E-21		
14	-8.47E-05	2.43E-21	-0.001139	
2.05E-22	0.000192	7.27E-21		
15	-8.47E-05	3.70E-21	-0.001174	
2.05E-22	0.000193	7.30E-21		
16	-8.47E-05	4.62E-21	-0.001199	
2.05E-22	0.000193	7.32E-21		
17	-8.47E-05	1.80E-20	-0.001555	
2.05E-22	0.000196	7.46E-21		
18	0.000000	0.000000	0.000000	
0.000000	0.000000	0.000000	0.000000	
19	0.000000	0.000000	0.000000	
0.000000	0.000000	0.000000	0.000000	
COMB ULO02 ----- MIN				
JOINT	UX	UY		UZ
RX	RY	RZ		
-2.05E-22	-0.000100	1.43E-20	-0.001762	
1	-0.000010	-3.94E-21		
-2.05E-22	-0.000100	7.26E-21	-0.001381	
2	-0.000208	-3.92E-21		
-2.05E-22	-0.000100	6.77E-21	-0.001354	
3	-0.000007	-3.92E-21		
-2.05E-22	-0.000207	6.08E-21	-0.001317	
4	-0.000100	-3.92E-21		
-2.05E-22	-0.000207	2.90E-21	-0.001054	
5	-0.000100	-4.06E-21		
-2.05E-22	-0.000193	-1.18E-21	-0.000912	
6	-9.79E-05	-4.34E-21		
-1.57E-22	-0.000136	-6.41E-21	-0.000783	
7	-9.50E-05	-3.98E-21		
-8.90E-23	-5.85E-05	-8.28E-21	-0.000747	
8	-9.37E-05	-8.28E-21		
-5.72E-23	-6.29E-05	-5.51E-21		
9	-9.32E-05	-7.96E-21	-0.000736	
-4.45E-23	-5.40E-05	-3.33E-21		
10	-9.25E-05	-9.53E-21	-0.000728	
-2.39E-23	-3.68E-05	-2.37E-21		
11	-9.10E-05	-1.01E-20	-0.000720	
2.77E-23	5.62E-06	1.19E-23		
12	-7.83E-05	-7.43E-21	-0.000780	
1.34E-22	8.82E-05	3.75E-21		
13	-8.47E-05	-2.90E-21	-0.000888	
2.05E-22	0.000144	5.54E-21		
14	-8.47E-05	2.43E-21	-0.001139	
2.05E-22	0.000192	7.27E-21		
15	-8.47E-05	3.70E-21	-0.001174	
2.05E-22	0.000193	7.30E-21		
16	-8.47E-05	4.62E-21	-0.001199	
2.05E-22	0.000193	7.32E-21		
17	-8.47E-05	1.80E-20	-0.001555	
2.05E-22	0.000196	7.46E-21		
18	0.000000	0.000000	0.000000	
0.000000	0.000000	0.000000	0.000000	
19	0.000000	0.000000	0.000000	
0.000000	0.000000	0.000000	0.000000	
COMB ULO03 ----- MAX				
JOINT	UX	UY		UZ
RX	RY	RZ		
-3.60E-22	-7.49E-05	-5.28E-21	-0.001228	
1	0.001973	1.09E-20	-0.001089	
-3.60E-22	-0.001973	-5.25E-21		
2	0.001973	-5.25E-21	-0.001079	
-3.60E-22	-7.24E-05	-5.26E-21		
3	0.001973	9.31E-21	-0.001066	
-3.60E-22	-7.18E-05	-5.26E-21		
4	0.001971	5.09E-21	-0.000905	
-3.60E-22	-5.08E-05	-5.34E-21	-0.000905	
5	0.001973	-1.70E-22	-0.000841	
-2.76E-22	-5.16E-05	-5.49E-21		
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JOINT	UX	UY		UZ
RX	RY	RZ		
-1.56E-22	-0.001976	-6.94E-21	-0.000766	
1	0.001977	-4.47E-21		
-1.56E-22	-0.001977	-5.19E-21	-0.000743	
2	-1.72E-05	-5.19E-21		
-1.56E-22	-0.001978	-1.06E-20	-0.000739	
3	-9.52E-06	-5.05E-21		
-1.56E-22	-0.001979	-1.15E-20	-0.000729	
4	0.001979	-7.94E-21		
-1.56E-22	-0.001980	-1.29E-20	-0.000728	
5	5.49E-05	-1.47E-21		
-1.56E-22	-0.001984	-1.09E-20	-0.000838	
6	0.001984	4.18E-21		
-1.56E-22	-0.001987	-5.09E-21	-0.001037	
7	0.001987	-5.09E-21		
-1.56E-22	-0.001989	2.48E-21	-0.001417	
8	0.001989	1.05E-20		
-1.56E-22	-0.001989	4.32E-21	-0.001482	
9	0.001989	1.05E-20		
-1.56E-22	-0.001989	5.64E-21	-0.001525	
10	0.001989	7.94E-21		
-1.56E-22	-0.001989	1.48E-20	-0.002197	
11	0.001989	2.48E-20		
-1.56E-22	-0.003669	1.07E-20	-0.002197	
12	0.000000	0.000000	0.000000	
0.000000	0.000000	0.000000	0.000000	
19	0.000000	0.000000	0.000000	
0.000000	0.000000	0.000000	0.000000	
COMB ULO03 ----- MIN				
JOINT	UX	UY		UZ
RX	RY	RZ		
-3.60E-22	-7.49E-05	-5.28E-21	-0.001228	
1	0.001973	1.09E-20	-0.001089	
-3.60E-22	-7.28E-05	-5.25E-21		
2	0.001973	1.02E-20	-0.001079	
-3.60E-22	-7.24E-05	-5.26E-21		
3	0.001973	9.31E-21	-0.001066	
-3.60E-22	-7.18E-05	-5.26E-21		
4	0.001971	5.09E-21	-0.000905	
-3.60E-22	-5.28E-05	-5.34E-21	-0.000905	
5	0.001973	-1.70E-22	-0.000841	
-2.76E-22	-5.16E-05	-5.49E-21		
6	0.001973	-1.70E-22	-0.000841	
-2.76E-22	-5.16E-05	-5.49E-21		
7	0.001973	-1.70E-22	-0.000841	
-2.76E-22	-5.16E-05	-5.49E-21		
8	0.001977	-9.59E-21	-0.000742	
-1.00E-22	-1.72E-05	-5.19E-21		
-7.80E-23	-9.52E-06	-1.06E-20	-0.000739	
9	-9.52E-06	-5.05E-21		
-4.18E-23	6.94E-06	-4.19E-21	-0.000729	
10	0.001980	-1.29E-20	-0.000728	
4.09E-23	3.69E-05	-9.30E-22		
12	0.001980	-1.29E-20	-0.000728	
1.97E-22	0.001980	4.02E-21	-0.000817	
13	0.001984	-4.29E-21	-0.000822	
3.03E-22	0.000239	7.06E-21	-0.001316	
14	0.001986	2.48E-21		
3.03E-22	0.000303	9.34E-21	-0.001370	
15	0.001986	1.42E-21		
3.03E-22	0.000304	9.38E-21	-0.001409	
16	0.001986	5.29E-21		
3.03E-22	0.000304	9.40E-21	-0.001965	
17	0.001986	2.24E-20		
3.03E-22	0.000307	9.54E-21		
18	0.000000	0.000000	0.000000	
0.000000	0.000000	0.000000	0.000000	
19	0.000000	0.000000	0.000000	
0.000000	0.000000	0.000000	0.000000	
COMB ULO03 ----- MAX				
JOINT	UX	UY		UZ
RX	RY	RZ		
-3.03E-22	-0.001180	1.82E-20	-0.001421	
1	-0.000285	-6.09E-21		
-3.03E-22	-0.000526	1.12E-20	-0.001768	
2	-0.000282	-6.07E-21		
-3.03E-22	-0.000509	1.04E-20	-0.001733	
3	-0.000287	-6.07E-21		
-3.03E-22	-0.000487	9.35E-21	-0.001682	
4	-0.000281	-6.07E-21		
-3.03E-22	-0.000383	4.44E-21	-0.001329	
5	-0.000241	-6.25E-21		
-3.03E-22	-0.000253	-1.83E-21	-0.001130	
6	-0.000186	-6.65E-21		
-2.41E-22	-0.000166	-6.65E-21	-0.000952	
7	-9.08E-05	-9.87E-21		
-1.36E-22	-0.000112	-6.13E-21	-0.000	

18 .000000 .000000 .000000
.000000 .000000 .000000
19 .000000 .000000 .000000
.000000 .000000 .000000
COMB ULO08 ----- MIN
JOINT RX UY UZ
1 0.000834 1.67E-20 -0.001825
-2.37E-22 -0.000231 -4.60E-21
2 -0.000600 8.44E-21 -0.001405
-2.37E-22 -0.000229 -4.58E-21
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JOINT RX UY UZ
3 -0.000519 7.87E-21 -0.001376
-2.37E-22 -0.000229 -4.58E-21
4 -0.000561 7.06E-21 -0.001335
-2.37E-22 -0.000228 -4.58E-21
5 -0.000457 3.36E-21 -0.001054
-2.37E-22 -0.000196 -4.72E-21
6 -0.000329 -1.40E-20 -0.000894
-1.82E-22 -0.000153 -5.03E-21
7 -0.000167 -7.46E-21 -0.000748
-1.03E-22 -9.51E-05 -6.32E-21
8 -0.000101 -9.63E-21 -0.000709
-6.62E-23 6.87E-05 -4.09E-21
9 -7.47E-05 -7.04E-20 -0.000697
-5.15E-23 -5.83E-05 -3.88E-21
10 -4.82E-05 -1.11E-20 -0.000688
-2.76E-23 1.81E-05 -2.75E-21
11 1.81E-05 -1.18E-20 -0.000682
3.20E-23 1.11E-05 1.95E-21
12 0.000180 2.90E-21 -0.000757
1.55E-22 0.000107 4.66E-21
13 0.000309 -3.36E-21 -0.000888
2.37E-22 0.000171 6.43E-21
14 0.000413 2.68E-21 -0.001161
2.37E-22 0.000219 8.16E-21
15 0.000436 4.11E-21 -0.001200
2.37E-22 0.000220 8.19E-21
16 0.000452 5.14E-21 -0.001229
2.37E-22 0.000221 8.21E-21
17 0.000686 2.01E-20 -0.001635
2.37E-22 0.000224 8.36E-21
18 0.000000 0.000000 .000000
0.000000 .000000 .000000
19 .000000 .000000 .000000
.000000 .000000 .000000
COMB ULO09 ----- MAX

JOINT RX UY UZ
1 -0.000100 1.43E-20 -0.001762
-2.05E-22 -0.000210 -3.94E-21
2 -0.000100 7.26E-21 -0.001381
-2.05E-22 -0.000208 -3.92E-21
3 -0.000100 6.77E-21 -0.001354
-2.05E-22 -0.000207 -3.92E-21
4 -0.000100 6.08E-21 -0.001317
-2.05E-22 -0.000207 -3.92E-21
5 -0.000100 2.90E-21 -0.001054
-2.05E-22 -0.000175 -4.06E-21
6 -9.79E-05 -1.18E-21 -0.000912
-1.57E-22 -0.000136 -4.34E-21
7 -9.50E-05 -6.41E-21 -0.000783
-8.90E-23 -5.82E-05 -3.98E-21
8 -9.52E-05 -6.35E-21 -0.000747
-5.72E-23 -6.29E-05 -3.51E-21
9 -9.32E-05 -8.96E-21 -0.000736
-4.45E-23 -5.40E-05 -3.33E-21
10 -9.25E-05 -9.53E-21 -0.000728
-2.39E-23 6.38E-05 -2.37E-21
11 -9.10E-05 -1.01E-20 -0.000720
2.77E-23 5.62E-06 1.19E-23
12 -8.73E-05 -7.43E-21 -0.000780
1.34E-22 8.82E-05 3.75E-21
13 -8.47E-05 -2.50E-21 -0.000888
2.05E-22 0.000144 5.94E-21
14 -8.47E-05 -1.43E-21 -0.001139
2.05E-22 0.000192 7.27E-21
15 -8.47E-05 3.70E-21 -0.001174
2.05E-22 0.000193 7.30E-21
16 -8.47E-05 4.62E-21 -0.001199
2.05E-22 0.000193 7.32E-21
17 -8.47E-05 5.80E-20 -0.001555
2.05E-22 0.000196 7.46E-21
18 .000000 .000000 .000000
0.000000 .000000 .000000
19 .000000 .000000 .000000
.000000 .000000 .000000
COMB ULO09 ----- MIN

JOINT RX UY UZ
1 -0.000100 1.43E-20 -0.001762
-2.05E-22 0.000210 -3.94E-21
2 -0.000100 7.26E-21 -0.001381
-2.05E-22 -0.000208 -3.92E-21
3 -0.000100 6.77E-21 -0.001354
-2.05E-22 -0.000207 -3.92E-21
4 -0.000100 6.08E-21 -0.001317
-2.05E-22 -0.000207 -3.92E-21
5 -0.000100 2.90E-21 -0.001054
-2.05E-22 -0.000175 -4.06E-21
6 -9.79E-05 -1.18E-21 -0.000912
-1.57E-22 -0.000136 -4.34E-21
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JOINT RX UY UZ
7 -9.50E-05 -6.41E-21 -0.000783
-8.90E-23 -5.85E-05 -3.98E-21
8 -9.37E-05 -8.28E-21 -0.000747
-5.72E-23 -6.29E-05 -3.51E-21
9 -9.22E-05 -7.43E-21 -0.000736
-4.45E-23 -5.40E-05 -3.33E-21
10 -9.25E-05 -9.53E-21 -0.000728
-2.39E-23 -3.68E-05 -2.37E-21
11 -9.10E-05 -1.01E-20 -0.000720
2.77E-23 5.62E-06 1.19E-23
12 -8.73E-05 -7.43E-21 -0.000780
1.34E-22 8.82E-05 3.75E-21
13 -8.47E-05 -2.50E-21 -0.000888
2.05E-22 0.000144 5.94E-21
14 -8.47E-05 2.43E-21 -0.001139
2.05E-22 0.000192 7.27E-21

15 -8.47E-05 3.70E-21 -0.001174
2.05E-22 0.000193 7.30E-21
16 -8.47E-05 4.62E-21 -0.001199
2.05E-22 0.000193 7.32E-21
17 -8.47E-05 1.80E-20 -0.001555
2.05E-22 0.000196 7.46E-21
18 .000000 .000000 .000000
0.000000 .000000 .000000
19 .000000 .000000 .000000
.000000 .000000 .000000
COMB ULO10 ----- MAX

JOINT RX UY UZ
1 0.001191 2.19E-20 -0.001241
-3.77E-22 -9.29E-05 -5.71E-21
2 0.001416 1.16E-20 -0.001070
-3.77E-22 -9.09E-05 -5.68E-21
3 0.001432 1.09E-20 -0.001058
-3.77E-22 -9.05E-05 -5.69E-21
4 0.001454 9.90E-21 -0.001042
-3.77E-22 -8.99E-05 -5.69E-21
5 0.001552 5.33E-21 -0.000871
-3.77E-22 -7.16E-05 -5.77E-21
6 0.001675 -3.57E-22 -0.000791
-2.89E-22 -6.57E-05 -5.95E-21
7 0.001831 -7.67E-21 -0.000703
-1.64E-22 -4.10E-05 -5.88E-21
8 0.001894 -1.05E-20 -0.000677
-1.05E-22 -2.21E-05 -5.54E-21
9 0.001920 -1.16E-20 -0.000669
-8.17E-23 -1.33E-05 -5.38E-21
10 0.001945 -1.26E-20 -0.000663
-4.38E-23 5.24E-06 -4.35E-21
11 0.002009 -1.40E-20 -0.000664
5.08E-23 5.81E-05 -1.41E-21
12 0.002165 -1.17E-20 -0.000784
2.45E-22 0.000193 4.61E-21
13 0.002289 -5.33E-21 -0.000997
3.77E-22 0.000309 8.49E-21
14 0.002391 2.64E-21 -0.001384
3.77E-22 0.000377 1.09E-20
15 0.002413 4.55E-21 -0.001451
3.77E-22 0.000379 1.10E-20
16 0.002429 5.92E-21 -0.001499
3.77E-22 0.000379 1.10E-20
17 0.002654 2.59E-20 -0.002189
3.77E-22 0.000382 1.11E-20
18 .000000 .000000 .000000
0.000000 .000000 .000000
19 .000000 .000000 .000000
.000000 .000000 .000000
COMB ULO10 ----- MIN

JOINT RX UY UZ
1 0.001191 2.19E-20 -0.001241
-3.77E-22 -9.29E-05 -5.71E-21
2 0.001416 1.16E-20 -0.001070
-3.77E-22 -9.09E-05 -5.68E-21
3 0.001432 1.09E-20 -0.001058
-3.77E-22 -9.05E-05 -5.69E-21
4 0.001454 9.90E-21 -0.001042
-3.77E-22 -8.99E-05 -5.69E-21
5 0.001552 5.33E-21 -0.000871
-3.77E-22 -7.16E-05 -5.77E-21
6 0.001675 -3.57E-22 -0.000791
-2.89E-22 -6.57E-05 -5.95E-21
7 0.001831 -7.67E-21 -0.000703
-1.64E-22 -4.10E-05 -5.88E-21
8 0.001894 -1.05E-20 -0.000677
-1.05E-22 -2.21E-05 -5.54E-21
9 0.001920 -1.16E-20 -0.000669
-8.17E-23 -1.33E-05 -5.38E-21
10 0.001945 -1.26E-20 -0.000663
-4.38E-23 5.24E-06 -4.35E-21
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본체.OUT

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JOINT DISPLACEMENTS
TRANSLATIONS AND ROTATIONS, IN GLOBAL
COORDINATES

JOINT RX UY UZ
1 0.000200 -1.40E-20 -0.000664
5.08E-23 5.81E-05 -1.41E-21
12 0.002165 -1.17E-20 -0.000784
2.45E-22 0.000193 4.61E-21
13 0.002289 -5.33E-21 -0.000997
3.77E-22 0.000309 8.49E-21
14 0.002391 2.64E-21 -0.001384
3.77E-22 0.000377 1.09E-20
15 0.002413 4.55E-21 -0.001451
3.77E-22 0.000378 1.10E-20
16 0.002429 5.92E-21 -0.001499
3.77E-22 0.000379 1.10E-20
17 0.002654 2.59E-20 -0.002189
3.77E-22 0.000382 1.11E-20
18 .000000 .000000 .000000
0.000000 .000000 .000000
19 .000000 .000000 .000000
.000000 .000000 .000000
COMB ULO11 ----- MAX

JOINT RX UY UZ
1 0.001897 1.96E-20 -0.001180
-3.46E-22 -7.20E-05 -5.07E-21
2 0.001897 1.05E-20 -0.001047
-3.46E-22 -7.00E-05 -5.05E-21
3 0.001897 9.84E-21 -0.001038
-3.46E-22 -6.96E-05 -5.05E-21
4 0.001897 8.95E-21 -0.001025
-3.46E-22 -6.90E-05 -5.06E-21
5 0.001895 4.89E-21 -0.000870
-3.46E-22 -5.07E-05 -5.13E-21
6 0.001897 -1.63E-22 -0.000809
-2.65E-22 -4.96E-05 -5.28E-21
7 0.001900 -6.67E-21 -0.000736
-1.50E-22 -3.20E-05 -5.25E-21
8 0.001901 -9.22E-21 -0.000714
-9.64E-23 -1.66E-05 -4.99E-21
9 0.001902 -1.02E-20 -0.000707
-7.50E-23 -9.15E-06 -4.85E-21
10 0.001902 1.11E-20 -0.000701
-4.02E-23 6.67E-06 -3.98E-21
11 0.001904 -1.24E-20 -0.000701
4.66E-23 5.28E-05 -1.42E-21
12 0.001908 -1.05E-20 -0.000806
2.25E-22 0.000174 4.02E-21
13 0.001913 -2.99E-21 -0.000997
3.46E-22 0.000282 7.63E-21
14 0.001913 2.39E-21 -0.001363
3.46E-22 0.000351 1.01E-20
15 0.001913 4.15E-21 -0.001425
3.46E-22 0.000352 1.01E-20
16 0.001913 5.42E-21 -0.001470
3.46E-22 0.000352 1.01E-20
17 0.001913 2.38E-20 -0.002112
3.46E-22 0.000355 1.03E-20
18 .000000 .000000 .000000
0.000000 .000000 .000000
19 .000000 .000000 .000000
.000000 .000000 .000000
COMB ULO11 ----- MIN

19 .000000 .000000 .000000
.000000 .000000 .000000
COMB ULO11 ----- MIN
JOINT RX UY UZ
1 0.001897 1.96E-20 -0.001180
-3.46E-22 -7.20E-05 -5.07E-21
2 0.001897 1.05E-20 -0.001047
-3.46E-22 -7.00E-05 -5.05E-21
3 0.001897 9.84E-21 -0.001038
-3.46E-22 -6.96E-05 -5.05E-21
4 0.001897 8.95E-21 -0.001025
-3.46E-22 -6.90E-05 -5.06E-21
5 0.001895 4.89E-21 -0.000870
-3.46E-22 -5.07E-05 -5.13E-21
6 0.001897 -1.63E-22 -0.000809
-2.65E-22 -4.96E-05 -5.28E-21
7 0.001900 -6.67E-21 -0.000736
-1.50E-22 -3.20E-05 -5.26E-21
8 0.001901 -9.22E-21 -0.000714
-9.64E-23 -1.66E-05 -4.99E-21
9 0.001902 -1.02E-20 -0.000707
-7.50E-23 -9.15E-06 -4.85E-21
10 0.001902 -1.11E-20 -0.000701
-4.02E-23 6.67E-06 -3.98E-21
11 0.001913 2.39E-21 -0.001363
3.46E-22 0.000282 7.63E-21
12 0.001908 -1.05E-20 -0.000806
2.25E-22 0.000174 4.02E-21
13 0.001910 -2.99E-21 -0.000997
3.46E-22 0.000282 7.63E-21
14 0.001913 2.39E-21 -0.001363
3.46E-22 0.000351 1.01E-20
15 0.001913 4.15E-21 -0.001425
3.46E-22 0.000352 1.01E-20
16 0.001913 5.42E-21 -0.001470
3.46E-22 0.000352 1.01E-20
17 0.001913 2.38E-20 -0.002112
3.46E-22 0.000355 1.03E-20
18 .000000 .000000 .000000
0.000000 .000000 .000000
19 .000000 .000000 .000000
.000000 .000000 .000000
COMB ULO12 ----- MAX

JOINT RX UY UZ
1 0.000500 2.50E-20 -0.001869
-3.96E-22 -0.000191 -6.67E-21
2 0.000725 1.30E-20 -0.001522
-3.96E-22 -0.000189 -6.65E-21
3 0.000740 1.21E-20 -0.001498
-3.96E-22 -0.000188 -6.65E-21
4 0.000762 1.10E-20 -0.001464
-3.96E-22 -0.000188 -6.66E-21
5 0.000861 5.61E-21 -0.001187
-3.96E-22 -0.000157 -6.79E-21
6 0.000905 5.42E-21 -0.001044
-3.04E-22 -0.000128 -7.10E-21
7 0.001142 -9.80E-21 -0.000905
-1.72E-22 -7.59E-05 -6.80E-21
8 0.001206 -1.31E-20 -0.000869
-1.10E-22 -4.67E-05 -6.23E-21
9 0.001291 -1.43E-20 -0.000858
-8.59E-23 -3.43E-05 -5.99E-21
10 0.001257 -1.53E-20 -0.000850
-4.61E-23 -9.39E-06 -4.60E-21
11 0.001321 -1.67E-20 -0.000853
5.34E-23 5.70E-05 -8.91E-22
12 0.001321 1.16E-20 -0.000995
2.58E-22 0.000207 5.83E-21
13 0.001604 -5.61E-21 -0.001231
3.96E-22 0.000322 9.65E-21
14 0.001705 3.50E-21 -0.001675
3.96E-22 0.000400 1.24E-20
15 0.001727 5.61E-21 -0.001746
3.96E-22 0.000401 1.25E-20
16 0.001743 7.23E-21 -0.001797
3.96E-22 0.000401 1.25E-20
17 0.001968 2.99E-20 -0.002528
3.96E-22 0.000404 1.26E-20
18 .000000 .000000 .000000
0.000000 .000000 .000000
19 .000000 .000000 .000000
.000000 .000000 .000000
COMB ULO12 ----- MIN

JOINT RX UY UZ
1 0.000500 2.50E-20 -0.001869
-3.96E-22 -0.000191 -6.67E-21
2 0.000725 1.30E-20 -0.001522
-3.96E-22 -0.000189 -6.65E-21
3 0.000740 1.21E-20 -0.001498
-3.96E-22 -0.000188 -6.65E-21
4 0.000762 1.10E-20 -0.001464
-3.96E-22 -0.000188 -6.66E-21
5 0.000861 5.61E-21 -0.001187
-3.96E-22 -0.000157 -6.79E-21
6 0.000905 5.42E-21 -0.001044
-3.04E-22 -0.000128 -7.10E-21
7 0.001142 -9.80E-21 -0.000905
-1.72E-22 -7.59E-05 -6.80E-21
8 0.001206 -1.31E-20 -0.000869
-1.10E-22 -4.67E-05 -6.23E-21
9 0.001291 -1.43E-20 -0.000858
-8.59E-23 -3.43E-05 -5.99E-21
10 0.001257 -1.53E-20 -0.000850
-4.61E-23 -9.39E-06 -4.60E-21
11 0.001321 -1.67E-20 -0.000853
5.34E-23 5.70E-05 -8.91E-22
12 0.001321 1.16E-20 -0.000995
2.58E-22 0.000207 5.83E-21
13 0.001604 -5.61E-21 -0.001231
3.96E-22 0.000322 9.65E-21
14 0.001705 3.50E-21 -0.001675
3.96E-22 0.000400 1.24E-20
15 0.001727 5.61E-21 -0.001746
3.96E-22 0.000401 1.25E-20
16 0.001743 7.23E-21 -0.001797
3.96E-22 0.000401 1.25E-20
17 0.001968 2.99E-20 -0.002528
3.96E-22 0.000404 1.26E-20
18 .000000 .000000 .000000
0.000000 .000000 .000000
19 .000000 .000000 .000000
.000000 .000000 .000000
COMB ULO12 ----- MAX

JOINT RX UY UZ
1 0.000500 2.50E-20 -0.001869
-3.96E-22 -0.000191 -6.67E-21
2 0.000725 1.30E-20 -0.001522
-3.96E-22 -0.000189 -6.65E-21
3 0.000740 1.21E-20 -0.001498
-3.96E-22 -0.000188 -6.65E-21
4 0.000762 1.10E-20 -0.001464
-3.96E-22 -0.000188 -6.66E-21
5 0.000861 5.61E-21 -0.001187
-3.96E-22 -0.000157 -6.79E-21
6 0.000905 5.42E-21 -0.001044
-3.04E-22 -0.000128 -7.10E-21
7 0.001142 -9.80E-21 -0.000905
-1.72E-22 -7.59E-05 -6.80E-21
8 0.001206 -1.31E-20 -0.000869
-1.10E-22 -4.67E-05 -6.23E-21
9 0.001291 -1.43E-20 -0.000858
-8.59E-23 -3.43E-05 -5.99E-21
10 0.001257 -1.53E-20 -0.000850
-4.61E-23 -9.39E-06 -4.60E-21
11 0.001321 -1.67E-20 -0.000853
5.34E-23 5.70E-05 -8.91E-22
12 0.001321 1.16E-20 -0.000995
2.58E-22 0.000207 5.83E-21
13 0.001604 -5.61E-21 -0.001231
3.96E-22 0.000322 9.65E-21
14 0.001705 3.50E-21 -0.001675
3.96E-22 0.000400 1.24E-20
15 0.001727 5.61E-21 -0.001746
3.96E-22 0.000401 1.25E-20
16 0.001743 7.23E-21 -0.001797
3.96E-22 0.000401 1.25E-20
17 0.001968 2.99E-20 -0.002528
3.96E-22 0.000404 1.26E-20
18 .000000 .000000 .000000
0.000000 .000000 .000000
19 .000000 .000000 .000000
.000000 .000000 .000000
COMB ULO12 ----- MIN

JOINT RX UY UZ
1 0.000500 2.50E-20 -0.001869
-3.96E-22 -0.000191 -6.67E-21
2 0.000725 1.30E-20 -0.001522
-3

[illegible]

-1.58E-22	-0.000159	-3.02E-21		
4	-7.53E-05	4.68E-21	-0.001013	
-1.58E-22	0.000159	-3.02E-21		
5	-7.53E-05	4.68E-21	-0.000811	
-1.58E-22	-0.000134	-3.12E-21		
6	-7.36E-05	-9.08E-22	-0.000702	
-1.21E-22	-0.000105	-3.34E-21		
7	-7.13E-05	-4.93E-21	-0.000602	
-6.85E-23	6.60E-05	-3.06E-21		
8	-7.03E-05	6.78E-21	-0.000575	
-4.40E-23	-4.84E-05	-2.70E-21		
9	-6.99E-05	-6.90E-21	-0.000566	
-3.42E-23	-4.15E-05	-2.56E-21		
10	-6.94E-05	-7.33E-21	-0.000560	
-1.84E-23	-2.83E-05	-1.82E-21		
11	-6.82E-05	7.78E-21	-0.000554	
2.13E-23	4.43E-06	8.72E-24		
12	-6.54E-05	-5.72E-21	-0.000600	
1.03E-22	6.79E-05	2.88E-21		
13	-6.34E-05	-2.23E-21	-0.000683	
1.58E-22	0.000110	4.26E-21		
14	-6.34E-05	1.87E-21	-0.000876	
1.58E-22	0.000148	5.59E-21		
15	-6.34E-05	2.85E-21	-0.000903	
1.58E-22	0.000148	5.61E-21		
16	-6.34E-05	3.55E-21	-0.000922	
1.58E-22	0.000149	5.63E-21		
17	-6.34E-05	1.38E-20	-0.001197	
1.58E-22	0.000151	5.74E-21		
18	-0.000000	0.000000	-0.000000	
0.000000	0.000000	0.000000		
19	-0.000000	0.000000	-0.000000	
0.000000	0.000000	0.000000		
COMB	UEO03	-----	MAX	
JOINT	UX	UY	UZ	
RX	RY	RZ		
1	0.001998	1.71E-20	-0.000821	
-3.12E-22	2.65E-05	-4.37E-21		
2	0.001998	9.22E-21	-0.000770	
-3.12E-22	-2.49E-05	-4.35E-21		
3	0.001998	8.67E-21	-0.000767	
-3.12E-22	-2.46E-05	-4.35E-21	-0.000762	
4	0.001998	7.91E-21		
-3.12E-22	-2.41E-05	-4.35E-21	-0.000682	
5	0.001995	4.42E-21		
-3.12E-22	-1.24E-05	-4.40E-21		
6	0.001997	1.03E-22	-0.000631	
-2.39E-22	-2.01E-05	-4.49E-21		
7	0.002000	-5.45E-21	-0.000585	
-1.36E-22	-1.34E-05	-4.55E-21		
8	0.002001	-7.68E-21	-0.000570	
-8.71E-23	-2.69E-06	-4.38E-21		
9	0.002001	-8.55E-21	-0.000565	
-6.77E-23	2.96E-06	-4.28E-21		
10	0.002002	-9.33E-21	-0.000561	
-3.63E-23	1.54E-05	-3.59E-21	-0.000563	
11	0.002003	-1.06E-20	-0.000568	
4.21E-23	5.36E-05	-1.48E-21		
12	0.002006	-9.22E-21	-0.000658	
2.03E-22	0.000161	3.32E-21		
13	0.002008	3.42E-21	-0.000832	
3.12E-22	0.000261	6.66E-21		
14	0.002011	1.92E-21	-0.001154	
3.12E-22	0.000321	8.80E-21		
15	0.002011	3.47E-21	-0.001211	
3.12E-22	0.000321	8.83E-21		
16	0.002011	4.5E-21	-0.001252	
3.12E-22	0.000322	8.84E-21		
17	0.002011	2.06E-20	-0.001838	
3.12E-22	0.000324	8.95E-21		
18	-0.000000	0.000000	-0.000000	
0.000000	0.000000	0.000000		
19	-0.000000	0.000000	-0.000000	
0.000000	0.000000	0.000000		
COMB	UEO03	-----	MIN	
JOINT	UX	UY	UZ	
RX	RY	RZ		
1	0.001998	1.71E-20	-0.000821	
-3.12E-22	-2.65E-05	-4.37E-21		
2	0.001998	9.22E-21	-0.000770	
-3.12E-22	-2.49E-05	-4.35E-21		
Program	SAP2000	Nonlinear	Version 7.42	
File:청도1교상행_P9_본체.OUT				
AAbutPier	SAP2000	6-7	데이타파일 : 교각 본체	
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JOINT	UX	UY	UZ	
RX	RY	RZ		
1	0.001204	1.49E-20	-0.001014	
-2.56E-22	-7.50E-05	-3.88E-21		
2	0.001204	7.89E-21	-0.000876	
-2.56E-22	-7.34E-05	-3.86E-21		
3	0.001204	7.40E-21	-0.000867	
-2.56E-22	-7.31E-05	-3.86E-21		
4	0.001204	6.73E-21	-0.000853	
-2.56E-22	-7.26E-05	-3.87E-21		
5	0.001203	3.62E-21	-0.000716	
-2.56E-22	-5.70E-05	-3.93E-21		
6	0.001205	-2.66E-22	-0.000657	
-1.96E-22	-5.10E-05	-4.07E-21		
7	0.001207	-5.26E-21	-0.000591	
-1.11E-22	-3.26E-05	-4.00E-21	-0.000572	
8	0.001208	-7.20E-21		
-7.13E-23	-1.94E-05	-3.77E-21	-0.000566	
9	0.001209	-7.94E-21		
-5.55E-23	-1.32E-05	-3.55E-21	-0.000561	
-2.98E-23	-5.56E-07	-2.95E-21		
11	0.001210	-9.57E-21	-0.000560	
3.45E-23	3.56E-05	-9.33E-22	-0.000637	
12	0.001213	7.94E-21		
1.67E-22	0.000127	3.16E-21	-0.000777	
2.56E-22	0.000206	5.78E-21		
14	0.001217	1.92E-21	-0.001053	
2.56E-22	0.000259	7.67E-21		
15	0.001217	3.27E-21	-0.001099	
2.56E-22	0.000260	7.69E-21		
16	0.001217	4.23E-21	-0.001132	
2.56E-22	0.000260	7.71E-21		
17	0.001217	1.82E-20	-0.001606	
2.56E-22	0.000262	7.82E-21		
18	0.000000	0.000000	-0.000000	
0.000000	0.000000	0.000000		
19	0.000000	0.000000	-0.000000	
0.000000	0.000000	0.000000		
COMB	UEO05	-----	MAX	
JOINT	UX	UY	UZ	
RX	RY	RZ		
1	0.001204	1.49E-20	-0.001014	
-2.56E-22	-7.50E-05	-3.88E-21		
2	0.001204	7.89E-21	-0.000876	
-2.56E-22	-7.34E-05	-3.86E-21		
3	0.001204	7.40E-21	-0.000867	
-2.56E-22	-7.31E-05	-3.86E-21		
4	0.001204	6.73E-21	-0.000853	
-2.56E-22	-7.26E-05	-3.87E-21		
5	0.001203	3.62E-21	-0.000716	
-2.56E-22	-5.70E-05	-3.93E-21		
6	0.001205	-2.66E-22	-0.000657	
-1.96E-22	-5.10E-05	-4.07E-21		
7	0.001207	-5.26E-21	-0.000591	
-1.11E-22	-3.26E-05	-4.00E-21	-0.000572	
8	0.001208	-7.20E-21		
-7.13E-23	-1.94E-05	-3.77E-21	-0.000566	
9	0.001209	-7.94E-21		
-5.55E-23	-1.32E-05	-3.55E-21	-0.000561	
-2.98E-23	-5.56E-07	-2.95E-21		
11	0.001210	-9.57E-21	-0.000560	
3.45E-23	3.56E-05	-9.33E-22	-0.000637	
12	0.001213	7.94E-21		
1.67E-22	0.000127	3.16E-21	-0.000777	
2.56E-22	0.000206	5.78E-21		
14	0.001217	1.92E-21	-0.001053	
2.56E-22	0.000259	7.67E-21		
15	0.001217	3.27E-21	-0.001099	
2.56E-22	0.000260	7.69E-21		
16	0.001217	4.23E-21	-0.001132	
2.56E-22	0.000260	7.71E-21		
17	0.001217	1.82E-20	-0.001606	
2.56E-22	0.000262	7.82E-21		
18	0.000000	0.000000	-0.000000	
0.000000	0.000000	0.000000		
19	0.000000	0.000000	-0.000000	
0.000000	0.000000	0.000000		
COMB	UEO05	-----	MIN	
JOINT	UX	UY	UZ	
RX	RY	RZ		
1	0.001204	1.49E-20	-0.001014	
-2.56E-22	-7.50E-05	-3.88E-21		
2	0.001204	7.89E-21	-0.000876	
-2.56E-22	-7.34E-05	-3.86E-21		
3	0.001204	7.40E-21	-0.000867	
-2.56E-22	-7.31E-05	-3.86E-21		
4	0.001204	6.73E-21	-0.000853	
-2.56E-22	-7.26E-05	-3.87E-21		
5	0.001203	3.62E-21	-0.000716	
-2.56E-22	-5.70E-05	-3.93E-21		
6	0.001205	-2.66E-22	-0.000657	
-1.96E-22	-5.10E-05	-4.07E-21		
7	0.001207	-5.26E-21	-0.000591	
-1.11E-22	-3.26E-05	-4.00E-21	-0.000572	
8	0.001208	-7.20E-21		
-7.13E-23	-1.94E-05	-3.77E-21	-0.000566	
9	0.001209	-7.94E-21		
-5.55E-23	-1.32E-05	-3.55E-21	-0.000561	
-2.98E-23	-5.56E-07	-2.95E-21		
11	0.001210	-9.57E-21	-0.000560	
3.45E-23	3.56E-05	-9.33E-22	-0.000637	
12	0.001213	7.94E-21		
1.67E-22	0.000127	3.16E-21	-0.000777	
2.56E-22	0.000206	5.78E-21		
14	0.001217	1.92E-21	-0.001053	
2.56E-22	0.000259	7.67E-21		
15	0.001217	3.27E-21	-0.001099	
2.56E-22	0.000260	7.69E-21		
16	0.001217	4.23E-21	-0.001132	
2.56E-22	0.000260	7.71E-21		
17	0.001217	1.82E-20	-0.001606	
2.56E-22	0.000262	7.82E-21		
18	0.000000	0.000000	-0.000000	
0.000000	0.000000	0.000000		
19	0.000000	0.000000	-0.000000	
0.000000	0.000000	0.000000		
COMB	UEO05	-----	MAX	
JOINT	UX	UY	UZ	
RX	RY	RZ		
1	0.001204	1.49E-20	-0.001014	
-2.56E-22	-7.50E-05	-3.88E-21		
2	0.001204	7.89E-21	-0.000876	
-2.56E-22	-7.34E-05	-3.86E-21		
3	0.001204	7.40E-21	-0.000867	
-2.56E-22	-7.31E-05	-3.86E-21		
4	0.001204	6.73E-21	-0.000853	
-2.56E-22	-7.26E-05	-3.87E-21		
5	0.001203	3.62E-21	-0.000716	
-2.56E-22	-5.70E-05	-3.93E-21		
6	0.001205	-2.66E-22	-0.000657	
-1.96E-22	-5.10E-05	-4.07E-21		
7	0.001207	-5.26E-21	-0.000591	
-1.11E-22	-3.26E-05	-4.00E-21	-0.000572	
8	0.001208	-7.20E-21		
-7.13E-23	-1.94E-05	-3.77E-21	-0.000566	
9	0.001209	-7.94E-21		
-5.55E-23	-1.32E-05	-3.55E-21	-0.000561	
-2.98E-23	-5.56E-07	-2.95E-21		
11	0.001210	-9.57E-21	-0.000560	
3.45E-23	3.56E-05	-9.33E-22	-0.000637	
12	0.001213	7.94E-21		
1.67E-22	0.000127	3.16E-21	-0.000777	
2.56E-22	0.000206	5.78E-21		
14	0.001217	1.92E-21	-0.001053	
2.56E-22	0.000259	7.67E-21		
15	0.001217	3.27E-21	-0.001099	
2.56E-22	0.000260	7.69E-21		
16	0.001217	4.23E-21	-0.001132	
2.56E-22	0.000260	7.71E-21		
17	0.001217	1.82E-20	-0.001606	
2.56E-22	0.000262	7.82E-21		
18	0.000000	0.000000	-0.000000	
0.000000	0.000000	0.000000		
19	0.000000	0.000000	-0.000000	
0.000000	0.000000	0.000000		
COMB	UEO05	-----	MIN	
JOINT	UX	UY	UZ	
RX	RY	RZ		
1	0.001204	1.49E-20		

1.24E-22 8.69E-05 3.50E-21 -0.000683
13 0.000330 -2.69E-21 -0.000683
1.90E-22 0.000138 5.16E-21 -0.000898
14 0.000434 2.12E-21 -0.000898
1.90E-22 0.000175 6.48E-21 -0.000930
15 0.000457 3.26E-21 -0.000930
1.90E-22 0.000176 6.51E-21 -0.000952
16 0.000473 4.07E-21 -0.000952
1.90E-22 0.000176 6.52E-21 -0.001276
17 0.000179 6.63E-21 -0.001276
1.90E-22 0.000179 6.63E-21 -0.001276
18 0.000000 0.000000 0.000000
0.000000 0.000000 0.000000
19 0.000000 0.000000 0.000000
0.000000 0.000000 0.000000
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J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN GLOBAL
COORDINATES

COMB UEO09 ----- MAX

JOINT RX	UX RY	UY RZ	UZ
1	-7.53E-05	1.10E-20	-0.001355
-1.58E-22	0.000161	-3.03E-21	-0.001062
2	-7.53E-05	5.58E-21	-0.001062
-1.58E-22	0.000160	-3.01E-21	-0.001041
3	-7.53E-05	5.21E-21	-0.001041
-1.58E-22	0.000159	-3.02E-21	-0.001013
4	-7.53E-05	4.68E-21	-0.001013
-1.58E-22	0.000159	-3.02E-21	-0.000811
5	-7.53E-05	7.33E-21	-0.000811
-1.58E-22	0.000134	-3.12E-21	-0.000702
6	-7.36E-05	-9.08E-22	-0.000702
-1.21E-22	-0.000105	-4.34E-21	-0.000602
7	-7.13E-05	-9.08E-22	-0.000602
-6.85E-23	-6.60E-05	-3.06E-21	-0.000575
8	-7.03E-05	-6.37E-21	-0.000575
-4.40E-23	-8.48E-05	-2.70E-21	-0.000566
9	-6.99E-05	-6.90E-21	-0.000566
-3.42E-23	-4.15E-05	-2.66E-21	-0.000560
10	-6.94E-05	-7.33E-21	-0.000560
-1.84E-23	-2.83E-05	-1.82E-21	-0.000554
11	-6.82E-05	-7.78E-21	-0.000554
2.13E-23	4.43E-06	8.72E-24	-0.000600
12	-6.54E-05	-5.72E-21	-0.000600
1.03E-22	6.79E-05	2.88E-21	-0.000683
13	-6.34E-05	-2.23E-21	-0.000683
1.58E-22	0.000110	4.26E-21	-0.000876
14	-6.34E-05	1.87E-21	-0.000876
1.58E-22	0.000148	5.59E-21	-0.000903
15	-6.34E-05	2.85E-21	-0.000903
1.58E-22	0.000148	5.61E-21	-0.000922
16	-6.34E-05	3.55E-21	-0.000922
1.58E-22	0.000149	5.63E-21	-0.001197
17	-6.34E-05	1.38E-20	-0.001197
1.58E-22	0.000151	5.74E-21	-0.000000
18	0.000000	0.000000	-0.000000
0.000000	0.000000	0.000000	-0.000000
19	0.000000	0.000000	-0.000000
0.000000	0.000000	0.000000	-0.000000

COMB UEO09 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	-7.53E-05	1.10E-20	-0.001355
-1.58E-22	0.000161	-3.03E-21	-0.001062
2	-7.53E-05	5.58E-21	-0.001062
-1.58E-22	0.000160	-3.01E-21	-0.001041
3	-7.53E-05	5.21E-21	-0.001041
-1.58E-22	0.000159	-3.02E-21	-0.001013
4	-7.53E-05	4.68E-21	-0.001013
-1.58E-22	0.000159	-3.02E-21	-0.000811
5	-7.53E-05	7.33E-21	-0.000811
-1.58E-22	0.000134	-3.12E-21	-0.000702
6	-7.36E-05	-9.08E-22	-0.000702
-1.21E-22	-0.000105	-4.34E-21	-0.000602
7	-7.13E-05	-9.08E-22	-0.000602
-6.85E-23	-6.60E-05	-3.06E-21	-0.000575
8	-7.03E-05	-6.37E-21	-0.000575
-4.40E-23	-8.48E-05	-2.70E-21	-0.000566
9	-6.99E-05	-6.90E-21	-0.000566
-3.42E-23	-4.15E-05	-2.66E-21	-0.000560
10	-6.94E-05	-7.33E-21	-0.000560
-1.84E-23	-2.83E-05	-1.82E-21	-0.000554
11	-6.82E-05	-7.78E-21	-0.000554
2.13E-23	4.43E-06	8.72E-24	-0.000600
12	-6.54E-05	-5.72E-21	-0.000600
1.03E-22	6.79E-05	2.88E-21	-0.000683
13	-6.34E-05	-2.23E-21	-0.000683
1.58E-22	0.000110	4.26E-21	-0.000876
14	-6.34E-05	1.87E-21	-0.000876
1.58E-22	0.000148	5.59E-21	-0.000903
15	-6.34E-05	2.85E-21	-0.000903
1.58E-22	0.000148	5.61E-21	-0.000922
16	-6.34E-05	3.55E-21	-0.000922
1.58E-22	0.000149	5.63E-21	-0.001197
17	-6.34E-05	1.38E-20	-0.001197
1.58E-22	0.000151	5.74E-21	-0.000000
18	0.000000	0.000000	-0.000000
0.000000	0.000000	0.000000	-0.000000
19	0.000000	0.000000	-0.000000
0.000000	0.000000	0.000000	-0.000000

COMB UEO10 ----- MAX

JOINT RX	UX RY	UY RZ	UZ
1	0.001216	1.86E-20	-0.000834
-3.30E-22	-4.45E-05	-4.80E-21	-0.000752
2	0.001441	9.93E-21	-0.000752
-3.30E-22	-4.78E-05	-4.78E-21	-0.000752
Program	SAP2000 Nonlinear	Version 7.42	
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J O I N T D I S P L A C E M E N T S			
TRANSLATIONS AND ROTATIONS, IN GLOBAL			
COORDINATES			
JOINT	UX	UY	UZ
RX	RY	RZ	
3	0.001457	9.34E-21	-0.000746
-3.30E-22	-4.26E-05	-4.78E-21	-0.000738
4	0.001478	8.50E-21	-0.000738
-3.30E-22	-4.22E-05	-4.78E-21	-0.000628
5	0.001576	4.67E-21	-0.000628
-3.30E-22	-3.12E-05	-4.83E-21	-0.000581
6	0.001700	-8.40E-23	-0.000581
-2.53E-22	-3.43E-05	-4.95E-21	-0.000522
7	0.001854	-6.19E-21	-0.000522
-1.43E-22	-2.11E-05	-4.96E-21	-0.000549
8	0.001918	-8.61E-21	-0.000549
-9.19E-23	-7.54E-06	-4.73E-21	-0.000498
9	0.001943	-9.54E-21	-0.000498
-7.15E-23	-7.97E-07	-4.61E-21	-0.000495
10	0.001968	-1.04E-20	-0.000495
-3.83E-23	1.38E-05	-3.80E-21	-0.000498
11	0.002032	-1.17E-20	-0.000498
4.44E-23	5.68E-05	-1.41E-21	-0.000604
12	0.002187	9.95E-21	-0.000792
2.15E-22	0.002310	-4.67E-21	-0.000792
3.30E-22	0.00276	7.21E-21	-0.001121
14	0.002413	2.07E-21	-0.001121
3.30E-22	0.000333	9.26E-21	-0.001180
15	0.002434	3.70E-21	-0.001180
3.30E-22	0.000330	9.24E-21	-0.001222
16	0.002450	4.86E-21	-0.001222
3.30E-22	0.000334	9.29E-21	-0.001830
17	0.002675	2.17E-20	-0.001830
3.30E-22	0.000336	9.40E-21	-0.000000
18	0.000000	0.000000	-0.000000
0.000000	0.000000	0.000000	-0.000000
19	0.000000	0.000000	-0.000000
0.000000	0.000000	0.000000	-0.000000

COMB UEO10 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	0.001216	1.86E-20	-0.000834
-3.30E-22	-4.45E-05	-4.80E-21	-0.000752
2	0.001441	9.93E-21	-0.000752
-3.30E-22	-4.78E-05	-4.78E-21	-0.000752
Program	SAP2000 Nonlinear	Version 7.42	
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J O I N T D I S P L A C E M E N T S			
TRANSLATIONS AND ROTATIONS, IN GLOBAL			
COORDINATES			
JOINT	UX	UY	UZ
RX	RY	RZ	
3	0.001457	9.34E-21	-0.000746
-3.30E-22	-4.26E-05	-4.78E-21	-0.000738
4	0.001478	8.50E-21	-0.000738
-3.30E-22	-4.22E-05	-4.78E-21	-0.000628
5	0.001576	4.67E-21	-0.000628
-3.30E-22	-3.12E-05	-4.83E-21	-0.000581
6	0.001700	-8.40E-23	-0.000581
-2.53E-22	-3.43E-05	-4.95E-21	-0.000522
7	0.001854	-6.19E-21	-0.000522
-1.43E-22	-2.11E-05	-4.96E-21	-0.000549
8	0.001918	-8.61E-21	-0.000549
-9.19E-23	-7.54E-06	-4.73E-21	-0.000498
9	0.001943	-9.54E-21	-0.000498
-7.15E-23	-7.97E-07	-4.61E-21	-0.000495
10	0.001968	-1.04E-20	-0.000495
-3.83E-23	1.38E-05	-3.80E-21	-0.000498
11	0.002032	-1.17E-20	-0.000498
4.44E-23	5.68E-05	-1.41E-21	-0.000604
12	0.002187	9.95E-21	-0.000792
2.15E-22	0.002310	-4.67E-21	-0.000792
3.30E-22	0.00276	7.21E-21	-0.001121
14	0.002413	2.07E-21	-0.001121
3.30E-22	0.000333	9.26E-21	-0.001180
15	0.002434	3.70E-21	-0.001180
3.30E-22	0.000330	9.24E-21	-0.001222
16	0.002450	4.86E-21	-0.001222
3.30E-22	0.000334	9.29E-21	-0.001830
17	0.002675	2.17E-20	-0.001830
3.30E-22	0.000336	9.40E-21	-0.000000
18	0.000000	0.000000	-0.000000
0.000000	0.000000	0.000000	-0.000000
19	0.000000	0.000000	-0.000000
0.000000	0.000000	0.000000	-0.000000

COMB UEO11 ----- MAX

JOINT RX	UX RY	UY RZ	UZ
1	0.001922	1.63E-20	-0.000774
-2.98E-22	-2.36E-05	-4.16E-21	-0.000728
2	0.001922	8.80E-21	-0.000728
-2.98E-22	-2.21E-05	-4.15E-21	-0.000725
3	0.001922	8.28E-21	-0.000725
-2.98E-22	-2.18E-05	-4.15E-21	-0.000721
4	0.001922	7.55E-21	-0.000721
-2.98E-22	-2.13E-05	-4.15E-21	-0.000627
5	0.001920	4.22E-21	-0.000627
-2.98E-22	-1.04E-05	-4.20E-21	-0.000599
6	0.001921	1.10E-22	-0.000599
-2.29E-22	-1.82E-05	-4.28E-21	-0.000556
7	0.001924	-5.19E-21	-0.000556
-1.30E-22	-1.21E-05	-4.34E-21	-0.000541
8	0.001925	-7.31E-21	-0.000541
-8.32E-23	-2.03E-06	-4.18E-21	-0.000537
9	0.001925	-8.14E-21	-0.000537
-6.47E-23	3.32E-06	-4.09E-21	-0.000533
10	0.001926	-8.98E-21	-0.000533
-3.47E-23	1.52E-05	-3.43E-21	-0.000535
11	0.001927	-1.01E-20	-0.000535
4.02E-23	5.15E-05	-1.42E-21	-0.000626
12	0.001930	-8.80E-21	-0.000626
1.94E-22	0.000154	3.15E-21	-0.000792
13	0.001932	4.22E-21	-0.000792
2.98E-22	0.000249	6.36E-21	-0.001100
14	0.001934	1.83E-21	-0.001100
2.98E-22	0.000307	8.40E-21	-0.001154
15	0.001934	3.30E-21	-0.001154
2.98E-22	0.000307	8.42E-21	-0.001193
16	0.001934	4.35E-21	-0.001193
2.98E-22	0.000308	8.44E-21	-0.001754
17	0.001934	1.97E-20	-0.001754
2.98E-22	0.000310	8.54E-21	-0.000000
18	0.000000	0.000000	-0.000000
0.000000	0.000000	0.000000	-0.000000
19	0.000000	0.000000	-0.000000
0.000000	0.000000	0.000000	-0.000000

COMB UEO11 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	0.001922	1.63E-20	-0.000774
-2.98E-22	-2.36E-05	-4.16E-21	-0.000728
2	0.001922	8.80E-21	-0.000728
-2.98E-22	-2.21E-05	-4.15E-21	-0.000725
3	0.001922	8.28E-21	-0.000725
-2.98E-22	-2.18E-05	-4.15E-21	-0.000721
4	0.001922	7.55E-21	-0.000721
-2.98E-22	-2.13E-05	-4.15E-21	-0.000627
5	0.001920	4.22E-21	-0.000627
-2.98E-22	-1.04E-05	-4.20E-2	

16	0.001687	4.53E-21	-0.001107	JOINT RX	UX RY	UY RZ	UZ	.000000	.000000	.000000		1	.000000	.000000	-0.002522
2.75E-22	0.000274	8.21E-21		17	0.001912	1.94E-20	-0.001607	-1.58E-22	-7.70E-05	1.10E-20	-0.001355	2	-0.000298	-6.41E-21	
2.75E-22	0.000274	8.21E-21		2	0.001159	7.52E-21		2	-7.70E-05	-3.03E-21		3	0.000000	0.000000	-0.001982
18	.000000	.000000	.000000	3	0.001159	7.52E-21		2	-7.70E-05	5.58E-21	-0.001062	COMB	UEO18	-----	MAX
.000000	.000000	.000000	.000000	4	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		3	0.000000	0.000000	-0.001945
.000000	.000000	.000000	.000000	5	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		4	0.000000	0.000000	-0.001892
Page	99			6	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		5	0.000000	0.000000	-0.001508
COMB	UEO15	-----	MAX	7	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		6	0.000000	0.000000	-0.001303
JOINT RX	UX RY	UY RZ	UZ	8	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		7	0.000000	0.000000	-0.001120
1	0.001159	1.42E-20	-0.000960	9	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		8	0.000000	0.000000	-0.001074
-2.44E-22	1.42E-20	-3.70E-21		10	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		9	0.000000	0.000000	-0.001061
2	0.001159	7.52E-21		11	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		10	0.000000	0.000000	-0.001051
-2.44E-22	-6.88E-05	-3.68E-21	-0.000830	12	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		11	0.000000	0.000000	-0.001045
3	0.001159	7.06E-21	-0.000821	13	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		12	0.000000	0.000000	-0.001039
-2.44E-22	-6.85E-05	-3.68E-21		14	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		13	0.000000	0.000000	-0.001033
4	0.001159	6.41E-21	-0.000809	15	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		14	0.000000	0.000000	-0.001027
-2.44E-22	-6.80E-05	-3.68E-21		16	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		15	0.000000	0.000000	-0.001021
5	0.001159	3.46E-21	-0.000679	17	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		16	0.000000	0.000000	-0.001015
-2.44E-22	-5.32E-05	-3.75E-21		18	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		17	0.000000	0.000000	-0.001009
6	0.001159	-2.46E-22	-0.000623	19	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		18	0.000000	0.000000	-0.001003
-1.87E-22	-4.78E-05	-3.87E-21		20	0.001159	7.52E-21		2	-7.70E-05	-3.01E-21		19	0.000000	0.000000	-0.000997
7	0.001162	-5.00E-21	-0.000562	21	0.001162	-5.00E-21		2	-7.70E-05	-3.01E-21		20	0.000000	0.000000	-0.000991
-1.06E-22	-3.06E-05	-3.81E-21	-0.000543	22	0.001162	-5.00E-21		2	-7.70E-05	-3.01E-21		21	0.000000	0.000000	-0.000985
8	0.001163	-6.85E-21	-0.000537	23	0.001163	-6.85E-21		2	-7.70E-05	-3.01E-21		22	0.000000	0.000000	-0.000979
-6.81E-23	-1.81E-05	-3.59E-21		24	0.001163	-6.85E-21		2	-7.70E-05	-3.01E-21		23	0.000000	0.000000	-0.000973
9	0.001163	-7.55E-21	-0.000537	25	0.001163	-7.55E-21		2	-7.70E-05	-3.01E-21		24	0.000000	0.000000	-0.000967
-5.29E-23	-1.23E-05	-3.48E-21		26	0.001163	-7.55E-21		2	-7.70E-05	-3.01E-21		25	0.000000	0.000000	-0.000961
10	0.001163	-8.18E-21	-0.000533	27	0.001163	-8.18E-21		2	-7.70E-05	-3.01E-21		26	0.000000	0.000000	-0.000955
-2.84E-23	-2.07E-07	-2.81E-21		28	0.001163	-8.18E-21		2	-7.70E-05	-3.01E-21		27	0.000000	0.000000	-0.000949
11	0.001163	-9.11E-21	-0.000532	29	0.001163	-9.11E-21		2	-7.70E-05	-3.01E-21		28	0.000000	0.000000	-0.000943
3.29E-23	3.42E-05	-8.97E-22		30	0.001163	-9.11E-21		2	-7.70E-05	-3.01E-21		29	0.000000	0.000000	-0.000937
12	0.001167	-7.57E-21	-0.000605	31	0.001167	-7.57E-21		2	-7.70E-05	-3.01E-21		30	0.000000	0.000000	-0.000931
1.59E-22	0.000121	3.00E-21	-0.000740	32	0.001167	-7.57E-21		2	-7.70E-05	-3.01E-21		31	0.000000	0.000000	-0.000925
13	0.001169	-3.46E-21	-0.000740	33	0.001169	-3.46E-21		2	-7.70E-05	-3.01E-21		32	0.000000	0.000000	-0.000919
2.44E-22	0.000197	5.51E-21		34	0.001169	-3.46E-21		2	-7.70E-05	-3.01E-21		33	0.000000	0.000000	-0.000913
14	0.001171	4.83E-21	-0.001003	35	0.001171	4.83E-21		2	-7.70E-05	-3.01E-21		34	0.000000	0.000000	-0.000907
2.44E-22	0.000247	7.31E-21	-0.001047	36	0.001171	4.83E-21		2	-7.70E-05	-3.01E-21		35	0.000000	0.000000	-0.000901
15	0.001171	3.11E-21	-0.001047	37	0.001171	3.11E-21		2	-7.70E-05	-3.01E-21		36	0.000000	0.000000	-0.000895
2.44E-22	0.000248	7.33E-21	-0.001078	38	0.001171	3.11E-21		2	-7.70E-05	-3.01E-21		37	0.000000	0.000000	-0.000889
16	0.001171	4.02E-21	-0.001078	39	0.001171	4.02E-21		2	-7.70E-05	-3.01E-21		38	0.000000	0.000000	-0.000883
2.44E-22	0.000248	7.35E-21	-0.001531	40	0.001171	4.02E-21		2	-7.70E-05	-3.01E-21		39	0.000000	0.000000	-0.000877
17	0.001171	1.74E-20	-0.001531	41	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		40	0.000000	0.000000	-0.000871
2.44E-22	0.000250	7.45E-21		42	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		41	0.000000	0.000000	-0.000865
18	.000000	.000000	.000000	43	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		42	0.000000	0.000000	-0.000859
.000000	.000000	.000000	.000000	44	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		43	0.000000	0.000000	-0.000853
.000000	.000000	.000000	.000000	45	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		44	0.000000	0.000000	-0.000847
Page	99			46	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		45	0.000000	0.000000	-0.000841
COMB	UEO16	-----	MIN	47	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		46	0.000000	0.000000	-0.000835
JOINT RX	UX RY	UY RZ	UZ	48	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		47	0.000000	0.000000	-0.000829
1	0.001159	1.42E-20	-0.000960	49	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		48	0.000000	0.000000	-0.000823
-2.44E-22	1.42E-20	-3.70E-21		50	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		49	0.000000	0.000000	-0.000817
2	0.001159	7.52E-21		51	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		50	0.000000	0.000000	-0.000811
-2.44E-22	-6.88E-05	-3.68E-21	-0.000830	52	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		51	0.000000	0.000000	-0.000805
3	0.001159	7.06E-21	-0.000821	53	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		52	0.000000	0.000000	-0.000799
-2.44E-22	-6.85E-05	-3.68E-21		54	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		53	0.000000	0.000000	-0.000793
4	0.001159	6.41E-21	-0.000809	55	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		54	0.000000	0.000000	-0.000787
-2.44E-22	-6.80E-05	-3.68E-21		56	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		55	0.000000	0.000000	-0.000781
5	0.001159	3.46E-21	-0.000679	57	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		56	0.000000	0.000000	-0.000775
-2.44E-22	-5.32E-05	-3.75E-21		58	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		57	0.000000	0.000000	-0.000769
6	0.001159	-2.46E-22	-0.000623	59	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		58	0.000000	0.000000	-0.000763
-1.87E-22	-4.78E-05	-3.87E-21		60	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		59	0.000000	0.000000	-0.000757
7	0.001162	-5.00E-21	-0.000562	61	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		60	0.000000	0.000000	-0.000751
-1.06E-22	-3.06E-05	-3.81E-21	-0.000543	62	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		61	0.000000	0.000000	-0.000745
8	0.001163	-6.85E-21	-0.000537	63	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		62	0.000000	0.000000	-0.000739
-6.81E-23	-1.81E-05	-3.59E-21		64	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		63	0.000000	0.000000	-0.000733
9	0.001163	-7.55E-21	-0.000537	65	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		64	0.000000	0.000000	-0.000727
-5.29E-23	-1.23E-05	-3.48E-21		66	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		65	0.000000	0.000000	-0.000721
10	0.001163	-8.18E-21	-0.000533	67	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		66	0.000000	0.000000	-0.000715
-2.84E-23	-2.07E-07	-2.81E-21		68	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		67	0.000000	0.000000	-0.000709
11	0.001163	-9.11E-21	-0.000532	69	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		68	0.000000	0.000000	-0.000703
3.29E-23	3.42E-05	-8.97E-22		70	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		69	0.000000	0.000000	-0.000697
12	0.001167	-7.57E-21	-0.000605	71	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		70	0.000000	0.000000	-0.000691
1.59E-22	0.000121	3.00E-21	-0.000740	72	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		71	0.000000	0.000000	-0.000685
13	0.001169	-3.46E-21	-0.000740	73	0.001171	1.74E-20		2	-7.70E-05	-3.01E-21		72	0.000000	0.000000	-0.000679
2.44E-22	0.000197	5.51E-21		74	0.001										

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

FORCES AND MOMENTS ACTING ON JOINTS,
IN GLOBAL COORDINATES

COMB SVB15 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -308.139294	-29.081684	8240.814	
277.424587	-1021.988	3.474914	
19 308.139294	-27.398572	7025.968	
267.572904	1103.178	2.846180	

COMB ULB01 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -636.273637	-1.03E-15	15034.489	
6.05E-15	-2208.702	1.65E-14	
19 636.273637	1.03E-15	13821.709	
-6.05E-15	2179.531	-2.25E-14	

COMB ULB01 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -636.273637	-1.03E-15	15034.489	
6.05E-15	-2208.702	1.65E-14	
19 636.273637	1.03E-15	13821.709	
-6.05E-15	2179.531	-2.25E-14	

COMB ULB02 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -400.581082	-6.39E-16	10713.058	
3.74E-15	-1328.585	1.02E-14	
19 400.581082	6.39E-16	9133.758	
-3.74E-15	1434.131	-1.39E-14	

COMB ULB02 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -400.581082	-6.39E-16	10713.058	
3.74E-15	-1328.585	1.02E-14	
19 400.581082	6.39E-16	9133.758	
-3.74E-15	1434.131	-1.39E-14	

COMB ULB03 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -400.581082	-75.612379	10713.058	
721.303925	-1328.585	9.034777	
19 400.581082	-71.236287	9133.758	
695.689549	1434.131	7.400067	

COMB ULB03 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -400.581082	-75.612379	10713.058	
721.303925	-1328.585	9.034777	
19 400.581082	-71.236287	9133.758	
695.689549	1434.131	7.400067	

COMB ULB04 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -543.092859	-37.806189	13326.016	
360.651963	-1860.749	4.517389	
19 543.092859	-35.618143	11968.333	
347.844775	1884.838	3.700034	

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

FORCES AND MOMENTS ACTING ON JOINTS,
IN GLOBAL COORDINATES

COMB ULB04 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -543.092859	-37.806189	13326.016	
360.651963	-1860.749	4.517389	
19 543.092859	-35.618143	11968.333	
347.844775	1884.838	3.700034	

COMB ULB05 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -400.581082	-37.806189	10713.058	
360.651963	-1328.585	4.517389	
19 400.581082	-35.618143	9133.758	
347.844775	1434.131	3.700034	

COMB ULB05 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -400.581082	-37.806189	10713.058	
360.651963	-1328.585	4.517389	
19 400.581082	-35.618143	9133.758	
347.844775	1434.131	3.700034	

COMB ULB06 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -543.092859	-390.367763	13326.016	
4794.567	-1860.749	87.489812	
19 543.092859	-362.631237	11968.333	
4619.427	1884.838	36.008644	

COMB ULB06 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -543.092859	-390.367763	13326.016	
4794.567	-1860.749	87.489812	
19 543.092859	-362.631237	11968.333	
4619.427	1884.838	36.008644	

COMB ULB07 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -543.092859	-8.78E-16	13326.016	
5.14E-15	-1860.749	1.40E-14	
19 543.092859	8.78E-16	11968.333	
-5.14E-15	1884.838	-1.91E-14	

COMB ULB07 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -543.092859	-8.78E-16	13326.016	
5.14E-15	-1860.749	1.40E-14	
19 543.092859	8.78E-16	11968.333	
-5.14E-15	1884.838	-1.91E-14	

COMB ULB08 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -400.581082	-390.367763	10713.058	
4794.567	-1328.585	87.489812	
19 400.581082	-362.631237	9133.758	
4619.427	1434.131	36.008644	

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

FORCES AND MOMENTS ACTING ON JOINTS,
IN GLOBAL COORDINATES

COMB ULB08 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -400.581082	-390.367763	10713.058	
4794.567	-1328.585	87.489812	
19 400.581082	-362.631237	9133.758	
4619.427	1434.131	36.008644	

COMB ULB09 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -400.581082	-6.39E-16	10713.058	
3.74E-15	-1328.585	1.02E-14	
19 400.581082	6.39E-16	9133.758	
-3.74E-15	1434.131	-1.39E-14	

COMB ULB09 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -400.581082	-6.39E-16	10713.058	
3.74E-15	-1328.585	1.02E-14	
19 400.581082	6.39E-16	9133.758	
-3.74E-15	1434.131	-1.39E-14	

COMB ULB10 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -385.174117	-448.057829	10301.017	
5303.722	-1277.485	92.812105	
19 385.174117	-417.180311	8782.459	
5110.689	1378.972	41.739145	

COMB ULB10 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -385.174117	-448.057829	10301.017	
5303.722	-1277.485	92.812105	
19 385.174117	-417.180311	8782.459	
5110.689	1378.972	41.739145	

COMB ULB11 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -385.174117	-72.704210	10301.017	
693.561467	-1277.485	8.687286	
19 385.174117	-68.496430	8782.459	
668.932259	1378.972	7.115449	

COMB ULB11 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -385.174117	-72.704210	10301.017	
693.561467	-1277.485	8.687286	
19 385.174117	-68.496430	8782.459	
668.932259	1378.972	7.115449	

COMB ULB12 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -522.204672	-411.705723	12813.477	
4956.941	-1789.182	88.468462	
19 522.204672	-382.932097	11508.012	
4776.223	1812.345	38.181420	

Program SAP2000 Nonlinear Version 7.42
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R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS,
IN GLOBAL COORDINATES

COMB ULB12 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -522.204672	-411.705723	12813.477	
4956.941	-1789.182	88.468462	
19 522.204672	-382.932097	11508.012	
4776.223	1812.345	38.181420	

COMB ULB13 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -522.204672	-36.352105	12813.477	
346.780733	-1789.182	4.343643	
19 522.204672	-34.248215	11508.012	
334.466129	1812.345	3.557725	

COMB ULB13 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -522.204672	-36.352105	12813.477	
346.780733	-1789.182	4.343643	
19 522.204672	-34.248215	11508.012	
334.466129	1812.345	3.557725	

COMB ULB14 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -385.174117	-411.705723	10301.017	
4956.941	-1277.485	88.468462	
19 385.174117	-382.932097	8782.459	
4776.223	1378.972	38.181420	

COMB ULB14 ----- MIN

JOINT MX FX FY FZ

MX	MY	MZ	
18 -385.174117	-411.705723	10301.017	
4956.941	-1277.485	88.468462	
19 385.174117	-382.932097	8782.459	
4776.223	1378.972	38.181420	

COMB ULB15 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -385.174117	-36.352105	10301.017	
346.780733	-1277.485	4.343643	
19 385.174117	-34.248215	8782.459	
334.466129	1378.972	3.557725	

COMB ULB15 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -385.174117	-36.352105	10301.017	
346.780733	-1277.485	4.343643	
19 385.174117	-34.248215	8782.459	
334.466129	1378.972	3.557725	

COMB ULB16 ----- MAX

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -308.139294	-4.92E-16	8240.814	
2.88E-15	-1021.988	7.81E-15	
19 308.139294	4.92E-16	7025.968	
-2.88E-15	1103.178	-1.07E-14	

Program SAP2000 Nonlinear Version 7.42
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R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS,
IN GLOBAL COORDINATES

COMB ULB16 ----- MIN

JOINT	FX	FY	FZ
MX	MY	MZ	
18 -308.139294	-4.92E-16	8240.814	
2.88E-15	-1021.988	7.81E-15	
19 308.139294	4.92E-16	7025.968	
-2.88E-15	1103.178	-1.07E-14	

MX	MY	MZ	
18 -292.732329	-448.057829		7828.773
5303.722	-970.888872	92.812105	
19 292.732329	-417.180311		6674.669
5110.689	1048.019	41.739145	
COMB	UEB11	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -292.732329	-72.704210		7828.773
693.561467	-970.888872	8.687286	
19 292.732329	-68.496430		6674.669
668.932259	1048.019	7.115449	
COMB	UEB11	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -292.732329	-72.704210		7828.773
693.561467	-970.888872	8.687286	
19 292.732329	-68.496430		6674.669
668.932259	1048.019	7.115449	
COMB	UEB12	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -429.762884	-411.705723		10341.233
4956.941	-1482.585	88.468462	
19 429.762884	-382.932097		9400.222
4776.223	1481.391	38.181420	
COMB	UEB12	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -429.762884	-411.705723		10341.233
4956.941	-1482.585	88.468462	
19 429.762884	-382.932097		9400.222
4776.223	1481.391	38.181420	
COMB	UEB13	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -429.762884	-36.352105		10341.233
346.780733	-1482.585	4.343643	
19 429.762884	-34.248215		9400.222
334.466129	1481.391	3.557725	
COMB	UEB13	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -429.762884	-36.352105		10341.233
346.780733	-1482.585	4.343643	
19 429.762884	-34.248215		9400.222
334.466129	1481.391	3.557725	
COMB	UEB14	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -292.732329	-411.705723		7828.773
4956.941	-970.888872	88.468462	
19 292.732329	-382.932097		6674.669
4776.223	1048.019	38.181420	
Program	SAP2000	Nonlinear	Version 7.42
File:	청도1교상행_P9_본체	OUT	
: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체 119			
R E S T R A I N T F O R C E S (R E A C T I O N S)			
FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES			
COMB	UEB14	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -292.732329	-411.705723		7828.773
4956.941	-970.888872	88.468462	
19 292.732329	-382.932097		6674.669
4776.223	1048.019	38.181420	
COMB	UEB15	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -292.732329	-36.352105		7828.773
346.780733	-970.888872	4.343643	
19 292.732329	-34.248215		6674.669
334.466129	1048.019	3.557725	
COMB	UEB15	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -292.732329	-36.352105		7828.773
346.780733	-970.888872	4.343643	
19 292.732329	-34.248215		6674.669
334.466129	1048.019	3.557725	
COMB	UEB16	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -308.139294	-4.92E-16		8240.814
2.88E-15	-1021.988	7.81E-15	
19 308.139294	4.92E-16		7025.968
-2.88E-15	1103.178	-1.07E-14	
COMB	UEB16	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -308.139294	-4.92E-16		8240.814
2.88E-15	-1021.988	7.81E-15	
19 308.139294	4.92E-16		7025.968
-2.88E-15	1103.178	-1.07E-14	
COMB	UEB17	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -450.651071	-7.30E-16		10853.772
4.27E-15	-1554.152	1.16E-14	
19 450.651071	7.30E-16		9860.542
-4.27E-15	1553.885	-1.59E-14	
COMB	UEB17	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -450.651071	-7.30E-16		10853.772
4.27E-15	-1554.152	1.16E-14	
19 450.651071	7.30E-16		9860.542
-4.27E-15	1553.885	-1.59E-14	
COMB	UEB18	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -277.325364	-69.796042		7416.732
665.819008	-919.789457	8.339795	
19 277.325364	-65.756572		6323.371

642.174968	992.860082	6.830831	
Program	SAP2000	Nonlinear	Version 7.42
File:	청도1교상행_P9_본체	OUT	
: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체 120			
R E S T R A I N T F O R C E S (R E A C T I O N S)			
FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES			
COMB	UEB18	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -277.325364	-69.796042		7416.732
665.819008	-919.789457	8.339795	
19 277.325364	-65.756572		6323.371
642.174968	992.860082	6.830831	
COMB	SVO01	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -424.958292	-6.76E-16		10249.503
3.95E-15	-1451.502	1.08E-14	
19 410.632292	6.76E-16		9207.689
-3.95E-15	1429.936	-1.47E-14	
COMB	SVO01	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -424.958292	-6.76E-16		10249.503
3.95E-15	-1451.502	1.08E-14	
19 410.632292	6.76E-16		9207.689
-3.95E-15	1429.936	-1.47E-14	
COMB	SVO02	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -315.333848	-4.92E-16		8239.535
2.88E-15	-1042.145	7.81E-15	
19 301.007848	4.92E-16		7027.247
-2.88E-15	1083.238	-1.07E-14	
COMB	SVO02	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -315.333848	-4.92E-16		8239.535
2.88E-15	-1042.145	7.81E-15	
19 301.007848	4.92E-16		7027.247
-2.88E-15	1083.238	-1.07E-14	
COMB	SVO03	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -718.564651	-8.63E-16		7152.609
5.05E-15	-3272.656	1.03E-14	
19 -44.691408	8.63E-16		8114.173
-5.05E-15	-950.789633	-1.53E-14	
COMB	SVO03	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -718.564651	-8.63E-16		7152.609
5.05E-15	-3272.656	1.03E-14	
19 -44.691408	8.63E-16		8114.173
-5.05E-15	-950.789633	-1.53E-14	
COMB	SVO04	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -669.174405	-9.10E-16		9560.078
5.33E-15	-2812.645	1.23E-14	
19 202.383376	9.10E-16		9897.114
-5.33E-15	191.868382	-1.76E-14	
Program	SAP2000	Nonlinear	Version 7.42
File:	청도1교상행_P9_본체	OUT	
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R E S T R A I N T F O R C E S (R E A C T I O N S)			
FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES			
COMB	SVO04	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -669.174405	-9.10E-16		9560.078
5.33E-15	-2812.645	1.23E-14	
19 202.383376	9.10E-16		9897.114
-5.33E-15	191.868382	-1.76E-14	
COMB	SVO05	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -559.549961	-7.27E-16		7550.110
4.25E-15	-2403.288	9.37E-15	
19 92.758932	7.27E-16		7716.672
-4.25E-15	-154.829383	-1.36E-14	
COMB	SVO05	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -559.549961	-7.27E-16		7550.110
4.25E-15	-2403.288	9.37E-15	
19 92.758932	7.27E-16		7716.672
-4.25E-15	-154.829383	-1.36E-14	
COMB	SVO06	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -357.569449	-7.53E-16		10252.067
4.41E-15	-1073.569	1.20E-14	
19 343.243449	7.53E-16		9205.124
-4.41E-15	1037.127	-1.64E-14	
COMB	SVO06	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -357.569449	-7.53E-16		10252.067
4.41E-15	-1073.569	1.20E-14	
19 343.243449	7.53E-16		9205.124
-4.41E-15	1037.127	-1.64E-14	
COMB	SVO07	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -424.958292	-6.76E-16		10249.503
3.95E-15	-1451.502	1.08E-14	
19 410.632292	6.76E-16		9207.689
-3.95E-15	1429.936	-1.47E-14	

COMB	SVO07	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -424.958292	-6.76E-16		10249.503
3.95E-15	-1451.502	1.08E-14	
19 410.632292	6.76E-16		9207.689
-3.95E-15	1429.936	-1.47E-14	
COMB	SVO08	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -247.945005	-5.70E-16		8242.099
3.33E-15	-664.212066	9.08E-15	
19 233.619005	5.70E-16		7024.682
-3.33E-15	690.429465	-1.24E-14	
Program	SAP2000	Nonlinear	Version 7.42
File:	청도1교상행_P9_본체	OUT	
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R E S T R A I N T F O R C E S (R E A C T I O N S)			
FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES			
COMB	SVO08	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -247.945005	-5.70E-16		8242.099
3.33E-15	-664.212066	9.08E-15	
19 233.619005	5.70E-16		7024.682
-3.33E-15	690.429465	-1.24E-14	
COMB	SVO09	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -315.333848	-4.92E-16		8239.535
2.88E-15	-1042.145	7.81E-15	
19 301.007848	4.92E-16		7027.247
-2.88E-15	1083.238	-1.07E-14	
COMB	SVO09	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -315.333848	-4.92E-16		8239.535
2.88E-15	-1042.145	7.81E-15	
19 301.007848	4.92E-16		7027.247
-2.88E-15	1083.238	-1.07E-14	
COMB	SVO10	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -651.175808	-9.40E-16		7155.173
5.50E-15	-2894.723	1.15E-14	
19 -112.080251	9.40E-16		8111.608
-5.50E-15	-1343.598	-1.70E-14	
COMB	SVO10	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -651.175808	-9.40E-16		7155.173
5.50E-15	-2894.723	1.15E-14	
19 -112.080251	9.40E-16		8111.608
-5.50E-15	-1343.598	-1.70E-14	
COMB	SVO11	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -718.564651	-8.63E-16		7152.609
5.05E-15	-3272.656	1.03E-14	
19 -44.691408	8.63E-16		8114.173
-5.05E-15	-950.789633	-1.53E-14	
COMB	SVO11	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -718.564651	-8.63E-16		7152.609
5.05E-15	-3272.656	1.03E-14	
19 -44.691408	8.63E-16		8114.173
-5.05E-15	-950.789633	-1.53E-14	
COMB	SVO12	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -601.785562	-9.88E-16		9562.642
5.78E-15	-2434.711	1.36E-14	
19 134.994533	9.88E-16		9894.549
-5.78E-15	-200.940484	-1.93E-14	
Program	SAP2000	Nonlinear	Version 7.42
File:	청도1교상행_P9_본체	OUT	
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R E S T R A I N T F O R C E S (R E A C T I O N S)			
FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES			
COMB	SVO12	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -601.785562	-9.88E-16		9562.642
5.78E-15	-2434.711	1.36E-14	
19 134.994533	9.88E-16		9894.549
-5.78E-15	-200.940484	-1.93E-14	
COMB	SVO13	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -669.174405	-9.10E-16		9560.078
5.33E-15	-2812.645	1.23E-14	
19 202.383376	9.10E-16		9897.111
-5.33E-15	191.868382	-1.76E-14	
COMB	SVO13	-----	MIN
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -669.174405	-9.10E-16		9560.078
5.33E-15	-2812.645	1.23E-14	
19 202.383376	9.10E-16		9897.111
-5.33E-15	191.868382	-1.76E-14	
COMB	SVO14	-----	MAX
JOINT	FX	FY	FZ
MX	MY	MZ	
18 -492.161118	-8.05E-16		7552.679
4.71E-15	-2025.354	1.06E-14	
19 25.370089	8.05E-16		7714.107
-4.71E-15	-547.638249	-1.53E-14	

JOINT FX FY FZ
MX MY MZ
18 -464.840294 -9.79E-16 13327.687
5.73E-15 -1395.640 1.56E-14
19 446.216484 9.79E-16 11966.661
-5.73E-15 1348.265 -2.13E-14

COMB ULO07 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -552.445780 -8.78E-16 13324.353
5.14E-15 -1886.953 1.40E-14
19 533.821980 8.78E-16 11969.996
-5.14E-15 1858.917 -1.91E-14

COMB ULO07 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -552.445780 -8.78E-16 13324.353
5.14E-15 -1886.953 1.40E-14
19 533.821980 8.78E-16 11969.996
-5.14E-15 1858.917 -1.91E-14

COMB ULO08 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -322.328506 -7.41E-16 10714.729
4.33E-15 -863.475686 1.18E-14
19 303.704706 7.41E-16 9132.086
-4.33E-15 897.558305 -1.61E-14

COMB ULO08 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -322.328506 -7.41E-16 10714.729
4.33E-15 -863.475686 1.18E-14
19 303.704706 7.41E-16 9132.086
-4.33E-15 897.558305 -1.61E-14

COMB ULO09 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -409.934003 -6.40E-16 10711.395
3.74E-15 -1354.789 1.02E-14
19 391.310203 6.40E-16 9135.421
-3.74E-15 1408.210 -1.39E-14
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File:청도1교상행_P9_본체.OUT

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

FORCES AND MOMENTS ACTING ON JOINTS,
IN GLOBAL COORDINATES

COMB ULO09 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -409.934003 -6.40E-16 10711.395
3.74E-15 -1354.789 1.02E-14
19 391.310203 6.40E-16 9135.421
-3.74E-15 1408.210 -1.39E-14

COMB ULO10 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -813.969759 -1.18E-15 8943.967
6.88E-15 -3618.404 1.44E-14
19 -140.100314 1.18E-15 10139.510
-6.88E-15 -1679.498 -2.12E-14

COMB ULO10 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -813.969759 -1.18E-15 8943.967
6.88E-15 -3618.404 1.44E-14
19 -140.100314 1.18E-15 10139.510
-6.88E-15 -1679.498 -2.12E-14

COMB ULO11 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -898.205814 -1.08E-15 8940.761
6.31E-15 -4090.820 1.28E-14
19 -55.864260 1.08E-15 10142.716
-6.31E-15 -1188.487 -1.91E-14

COMB ULO11 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -898.205814 -1.08E-15 8940.761
6.31E-15 -4090.820 1.28E-14
19 -55.864260 1.08E-15 10142.716
-6.31E-15 -1188.487 -1.91E-14

COMB ULO12 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -752.231953 -1.24E-15 11953.303
7.23E-15 -3043.389 1.70E-14
19 168.743166 1.24E-15 12368.186
-7.23E-15 -251.175605 -2.41E-14

COMB ULO12 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -752.231953 -1.24E-15 11953.303
7.23E-15 -3043.389 1.70E-14
19 168.743166 1.24E-15 12368.186
-7.23E-15 -251.175605 -2.41E-14

COMB ULO13 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -836.468007 -1.14E-15 11950.097
6.66E-15 -3515.806 1.54E-14
19 252.979220 1.14E-15 12371.392
-6.66E-15 239.835478 -2.20E-14
Program SAP2000 Nonlinear Version 7.42
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R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS,
IN GLOBAL COORDINATES

COMB ULO13 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -836.468007 -1.14E-15 11950.097
6.66E-15 -3515.806 1.54E-14
19 252.979220 1.14E-15 12371.392
-6.66E-15 239.835478 -2.20E-14

COMB ULO14 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -615.201398 -1.01E-15 9440.843
5.89E-15 -2531.693 1.33E-14
19 31.712611 1.01E-15 9642.634
-5.89E-15 -684.547811 -1.91E-14

COMB ULO14 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -615.201398 -1.01E-15 9440.843
5.89E-15 -2531.693 1.33E-14
19 31.712611 1.01E-15 9642.634
-5.89E-15 -684.547811 -1.91E-14

COMB ULO15 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -699.437452 -9.09E-16 9437.637
5.32E-15 -3004.110 1.17E-14
19 115.948665 9.09E-16 9645.840
-5.32E-15 -193.536729 -1.70E-14

COMB ULO15 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -699.437452 -9.09E-16 9437.637
5.32E-15 -3004.110 1.17E-14
19 115.948665 9.09E-16 9645.840
-5.32E-15 -193.536729 -1.70E-14

COMB ULO16 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -315.333848 -4.92E-16 8239.535
2.88E-15 -1042.145 7.81E-15
19 301.007848 4.92E-16 7027.247
-2.88E-15 1083.238 -1.07E-14

COMB ULO16 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -315.333848 -4.92E-16 8239.535
2.88E-15 -1042.145 7.81E-15
19 301.007848 4.92E-16 7027.247
-2.88E-15 1083.238 -1.07E-14

COMB ULO17 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -552.445780 -8.78E-16 13324.353
5.14E-15 -1886.953 1.40E-14
19 533.821980 8.78E-16 11969.996
-5.14E-15 1858.917 -1.91E-14
Program SAP2000 Nonlinear Version 7.42
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R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS,
IN GLOBAL COORDINATES

COMB ULO17 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -552.445780 -8.78E-16 13324.353
5.14E-15 -1886.953 1.40E-14
19 533.821980 8.78E-16 11969.996
-5.14E-15 1858.917 -1.91E-14

COMB ULO18 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -862.277581 -1.04E-15 8583.130
6.06E-15 -3927.187 1.23E-14
19 -53.629690 1.04E-15 9737.007
-6.06E-15 -1140.948 -1.83E-14

COMB ULO18 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -862.277581 -1.04E-15 8583.130
6.06E-15 -3927.187 1.23E-14
19 -53.629690 1.04E-15 9737.007
-6.06E-15 -1140.948 -1.83E-14

COMB UEO01 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -553.184769 -8.87E-16 12560.582
5.19E-15 -1928.310 1.41E-14
19 534.560969 8.87E-16 11715.581
-5.19E-15 1822.657 -1.93E-14

COMB UEO01 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -553.184769 -8.87E-16 12560.582
5.19E-15 -1928.310 1.41E-14
19 534.560969 8.87E-16 11715.581
-5.19E-15 1822.657 -1.93E-14

COMB UEO02 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -317.492215 -4.92E-16 8239.151
2.88E-15 -1048.193 7.81E-15
19 298.868415 4.92E-16 7027.630
-2.88E-15 1077.256 -1.07E-14

COMB UEO02 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -317.492215 -4.92E-16 8239.151
2.88E-15 -1048.193 7.81E-15
19 298.868415 4.92E-16 7027.630
-2.88E-15 1077.256 -1.07E-14

COMB UEO03 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -841.692258 -9.74E-16 6826.147
5.70E-15 -3947.857 1.10E-14

19 -150.540619 9.74E-16 8440.634
-5.70E-15 -1566.980 -1.67E-14
Program SAP2000 Nonlinear Version 7.42
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R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS,
IN GLOBAL COORDINATES

COMB UEO03 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -841.692258 -9.74E-16 6826.147
5.70E-15 -3947.857 1.10E-14
19 -150.540619 9.74E-16 8440.634
-5.70E-15 -1566.980 -1.67E-14

COMB UEO04 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -777.484939 -1.04E-15 9955.857
6.06E-15 -3349.842 1.37E-14
19 170.656601 1.04E-15 10758.458
-6.06E-15 -81.524464 -1.97E-14

COMB UEO04 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -777.484939 -1.04E-15 9955.857
6.06E-15 -3349.842 1.37E-14
19 170.656601 1.04E-15 10758.458
-6.06E-15 -81.524464 -1.97E-14

COMB UEO05 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -634.973162 -7.98E-16 7342.899
4.67E-15 -2817.678 9.84E-15
19 28.144823 7.98E-16 7923.883
-4.67E-15 -532.231559 -1.45E-14

COMB UEO05 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -634.973162 -7.98E-16 7342.899
4.67E-15 -2817.678 9.84E-15
19 28.144823 7.98E-16 7923.883
-4.67E-15 -532.231559 -1.45E-14

COMB UEO06 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -372.398495 -8.32E-16 10855.443
4.87E-15 -1089.043 1.33E-14
19 353.774695 8.32E-16 9858.871
-4.87E-15 1017.312 -1.81E-14

COMB UEO06 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -372.398495 -8.32E-16 10855.443
4.87E-15 -1089.043 1.33E-14
19 353.774695 8.32E-16 9858.871
-4.87E-15 1017.312 -1.81E-14

COMB UEO07 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -460.003992 -7.31E-16 10852.109
4.28E-15 -1580.357 1.16E-14
19 441.380192 7.31E-16 9862.205
-4.28E-15 1527.964 -1.59E-14
Program SAP2000 Nonlinear Version 7.42
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R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS,
IN GLOBAL COORDINATES

COMB UEO07 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -460.003992 -7.31E-16 10852.109
4.28E-15 -1580.357 1.16E-14
19 441.380192 7.31E-16 9862.205
-4.28E-15 1527.964 -1.59E-14

COMB UEO08 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -229.886718 -5.93E-16 8242.485
3.47E-15 -556.879200 9.46E-15
19 211.262918 5.93E-16 7024.296
-3.47E-15 566.604944 -1.29E-14

COMB UEO08 ----- MIN

JOINT FX FY FZ
MX MY MZ
18 -229.886718 -5.93E-16 8242.485
3.47E-15 -556.879200 9.46E-15
19 211.262918 5.93E-16 7024.296
-3.47E-15 566.604944 -1.29E-14

COMB UEO09 ----- MAX

JOINT FX FY FZ
MX MY MZ
18 -317.492215 -4.92E-16 8239.151
2.88E-15 -1048.193 7.81E-15
19 298.868415 4.92E-16 7027.630

COMB UEO17 ----- MIN				APPLIED .000000 112.960512 -4.45E-31				IN GLOBAL COORDINATES			
JOINT MX FX FY FZ				-1089.995 1.85E-30 632.766730 6.45E-27				COMB SVB07 ----- MIN			
MX MY MZ				REACTNS 1.37E-30 -112.960512 3.20E-10				FX MY FZ			
4.28E-15 18 -460.003992 -7.31E-16 10852.109				TOTAL -3.62E-10 -2.32E-26 3.20E-10				APPLIED .000000 4.49E-30 -15266.781			
19 441.380192 7.31E-16 9862.205				LOAD G-LO2 -----				-5.00E-29 84943.088 -5.24E-30 -15266.781			
-4.28E-15 1527.964 -1.59E-14								REACTNS 1.09E-25 -7.96E-13 -9.77E-27 -15266.781			
								TOTAL 1.09E-25 -7.28E-10 -4.23E-26 1.13E-10			
COMB UEO18 ----- MAX				COMB SVB02 ----- MIN				COMB SVB08 ----- MAX			
JOINT MX FX FY FZ				APPLIED .000000 579.230000 .000000				COMB SVB08 ----- MAX			
MX MY MZ				-7241.534 .000000 3202.661				FX MY FZ			
18 -769.835793 -8.88E-16 6110.886				REACTNS 2.09E-29 -579.230000 -3202.661				APPLIED .000000 4.49E-30 -15266.781			
5.20E-15 18 -3620.591 9.99E-15				7241.534 -1.72E-25 -3202.661				-5.00E-29 84943.088 -5.24E-30 -15266.781			
19 -146.071478 8.88E-16 7629.217				TOTAL -2.69E-09 -1.72E-25 2.39E-10 4.79E-26				REACTNS 1.09E-25 -7.96E-13 -9.77E-27 -15266.781			
-5.20E-15 -1471.901 -1.51E-14								TOTAL 1.09E-25 -7.28E-10 -4.23E-26 1.13E-10			
COMB UEO18 ----- MIN				COMB SVB03 ----- MAX				COMB SVB08 ----- MIN			
JOINT MX FX FY FZ				APPLIED .000000 .000000 .000000				COMB SVB08 ----- MIN			
MX MY MZ				-7241.534 .000000 3202.661				FX MY FZ			
5.20E-15 18 -769.835793 -8.88E-16 6110.886				REACTNS .000000 .000000 .000000				APPLIED .000000 4.49E-30 -15266.781			
19 -146.071478 8.88E-16 7629.217				TOTAL -2.69E-09 -7.28E-10 2.37E-09 1.13E-10				-5.00E-29 84943.088 -5.24E-30 -15266.781			
-5.20E-15 -1471.901 -1.51E-14								REACTNS 1.09E-25 -7.96E-13 -9.77E-27 -15266.781			
COMB ENVBULT ----- MAX				COMB SVB03 ----- MIN				COMB SVB09 ----- MAX			
JOINT MX FX FY FZ				APPLIED .000000 .000000 .000000				COMB SVB09 ----- MAX			
MX MY MZ				-7241.534 .000000 3202.661				FX MY FZ			
6.05E-15 18 .000000 .000000 15034.489				REACTNS .000000 .000000 .000000				APPLIED .000000 4.49E-30 -15266.781			
19 636.273637 1.03E-15 13821.709				TOTAL -1.16E-26 4.42E-10 1.04E-27 1.59E-12				-5.00E-29 84943.088 -5.24E-30 -15266.781			
.000000 2179.531 .000000				Program SAP2000 Nonlinear Version 7.42				REACTNS 1.09E-25 -7.96E-13 -9.77E-27 -15266.781			
File:청도1교상행_P9_본체				OUT				TOTAL 1.09E-25 -7.28E-10 2.37E-09 1.13E-10			
Page 133				: AAbutPier SAP2000 6-7 데이타파일 : 교각 본체				COMB SVB09 ----- MIN			
R E S T R A I N T F O R C E S (R E A C T I O N S)				G L O B A L F O R C E B A L A N C E				COMB SVB10 ----- MAX			
FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES				TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES				COMB SVB10 ----- MAX			
COMB ENVBULT ----- MIN				COMB SVB04 ----- MAX				COMB SVB10 ----- MIN			
JOINT MX FX FY FZ				APPLIED .000000 56.480256 -19457.191				COMB SVB10 ----- MIN			
MX MY MZ				-544.997490 109804.501 316.383365				FX MY FZ			
18 -636.273637 -1.03E-15 .000000				REACTNS 1.45E-12 -56.480256 19457.191				APPLIED .000000 4.49E-30 -15266.781			
.000000 -2208.702 .000000				LOAD WL -----				-5.00E-29 84943.088 -5.24E-30 -15266.781			
19 .000000 .000000 .000000								REACTNS 1.09E-25 -7.96E-13 -9.77E-27 -15266.781			
-6.05E-15 .000000 -2.25E-14								TOTAL 1.09E-25 -7.28E-10 -4.23E-26 1.13E-10			
COMB ENVBECCE ----- MAX				COMB SVB04 ----- MIN				COMB SVB11 ----- MAX			
JOINT MX FX FY FZ				APPLIED .000000 56.480256 -19457.191				COMB SVB11 ----- MAX			
MX MY MZ				-544.997490 109804.501 316.383365				FX MY FZ			
18 .000000 .000000 12562.245				REACTNS 1.45E-12 1.61E-11 1.49E-10				APPLIED .000000 4.49E-30 -15266.781			
5.19E-15 .000000 1.41E-14				Program SAP2000 Nonlinear Version 7.42				-5.00E-29 84943.088 -5.24E-30 -15266.781			
19 543.831848 8.86E-16 11713.918				File:청도1교상행_P9_본체				REACTNS 1.09E-25 -7.96E-13 -9.77E-27 -15266.781			
.000000 1848.578 .000000				OUT				TOTAL 1.09E-25 -7.28E-10 -4.23E-26 1.13E-10			
COMB ENVBECCE ----- MIN				COMB SVB05 ----- MIN				COMB SVB11 ----- MIN			
JOINT MX FX FY FZ				APPLIED .000000 56.480256 -19457.191				COMB SVB11 ----- MIN			
MX MY MZ				-544.997490 109804.501 316.383365				FX MY FZ			
18 -543.831848 -8.86E-16 .000000				REACTNS 1.45E-12 1.61E-11 1.49E-10				APPLIED .000000 4.49E-30 -15266.781			
.000000 -1902.106 .000000				LOAD WL -----				-5.00E-29 84943.088 -5.24E-30 -15266.781			
19 .000000 .000000 .000000								REACTNS 1.09E-25 -7.96E-13 -9.77E-27 -15266.781			
-5.19E-15 .000000 -1.93E-14								TOTAL 1.09E-25 -7.28E-10 -4.23E-26 1.13E-10			
COMB ENVOULT ----- MAX				COMB SVB05 ----- MIN				COMB SVB12 ----- MAX			
JOINT MX FX FY FZ				APPLIED .000000 56.480256 -19457.191				COMB SVB12 ----- MAX			
MX MY MZ				-544.997490 109804.501 316.383365				FX MY FZ			
18 .000000 .000000 15032.826				REACTNS 1.45E-12 1.61E-11 1.49E-10				APPLIED .000000 4.49E-30 -15266.781			
6.05E-15 .000000 1.65E-14				Program SAP2000 Nonlinear Version 7.42				-5.00E-29 84943.088 -5.24E-30 -15266.781			
19 627.002757 1.03E-15 13823.371				File:청도1교상행_P9_본체				REACTNS 1.09E-25 -7.96E-13 -9.77E-27 -15266.781			
.000000 2153.610 .000000				OUT				TOTAL 1.09E-25 -7.28E-10 -4.23E-26 1.13E-10			
COMB ENVOULT ----- MIN				COMB SVB06 ----- MAX				COMB SVB12 ----- MIN			
JOINT MX FX FY FZ				APPLIED .000000 56.480256 -15266.781				COMB SVB12 ----- MIN			
MX MY MZ				-544.997490 84943.088 316.383365				FX MY FZ			
18 -645.626557 -1.03E-15 .000000				REACTNS -7.96E-13 -9.77E-27 -15266.781				APPLIED .000000 4.49E-30 -15266.781			
.000000 -2234.906 .000000				LOAD Q1-TR -----				-5.00E-29 84943.088 -5.24E-30 -15266.781			
19 .000000 .000000 .000000								REACTNS 1.09E-25 -7.96E-13 -9.77E-27 -15266.781			
-6.05E-15 .000000 -2.25E-14								TOTAL 1.09E-25 -7.28E-10 -4.23E-26 1.13E-10			
COMB ENVOECCE ----- MAX				COMB SVB06 ----- MIN				COMB SVB13 ----- MAX			
JOINT MX FX FY FZ				APPLIED .000000 56.480256 -15266.781				COMB SVB13 ----- MAX			
MX MY MZ				-544.997490 84943.088 316.383365				FX MY FZ			
18 .000000 .000000 12560.582				REACTNS 1.45E-12 1.61E-11 1.49E-10				APPLIED .000000 4.49E-30 -15266.781			
5.19E-15 .000000 1.41E-14				Program SAP2000 Nonlinear Version 7.42				-5.00E-29 84943.088 -5.24E-30 -15266.781			
19 534.560969 8.87E-16 11715.581				File:청도1교상행_P9_본체				REACTNS 1.09E-25 -7.96E-13 -9.77E-27 -15266.781			
.000000 1822.657 .000000				OUT				TOTAL 1.09E-25 -7.28E-10 -4.23E-26 1.13E-10			
COMB ENVOECCE ----- MIN				COMB SVB07 ----- MAX				COMB SVB13 ----- MIN			
JOINT MX FX FY FZ				APPLIED .000000 56.480256 -15266.781				COMB SVB13 ----- MIN			
MX MY MZ				-544.997490 84943.088 316.383365				FX MY FZ			
18 -553.184769 -8.87E-16 .000000				REACTNS -7.96E-13 -9.77E-27 -15266.781				APPLIED .000000 4.49E-30 -15266.781			
.000000 -1928.310 .000000				LOAD COL-TR -----				-5.00E-29 84943.088 -5.24E-30 -15266.781			
19 .000000 .000000 .000000								REACTNS 1.09E-25 -7.96E-13 -9.77E-27 -15266.781			
-5.19E-15 .000000 -1.93E-14								TOTAL 1.09E-25 -7.28E-10 -4.23E-26 1.13E-10			
Program SAP2000 Nonlinear Version 7.42											
File:청도1교상행_P9_본체											
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G L O B A L F O R C E B A L A N C E											
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES											
LOAD D -----											
MX FX FY FZ											
APPLIED MY MZ											
-5.00E-29 84943.088 -5.24E-30 -15266.781											
REACTNS -7.96E-13 -9.77E-27 15266.781											
1.09E-25 -84943.088 -4.23E-26											
TOTAL -7.96E-13 -9.77E-27 1.13E-10											
1.09E-25 -7.28E-10 -4.23E-26											
LOAD L1 -----											
MX FX FY FZ											
APPLIED MY MZ											
.000000 .000000 .000000 -4190.410											
.000000 24861.413 .000000											
REACTNS 2.25E-12 -2.77E-27 4190.410											
3.08E-26 24861.413 -1.27E-26											
TOTAL 2.25E-12 -2.77E-27 3.64E-11											
3.08E-26 -2.22E-10 -1.27E-26											
LOAD W-LO -----											
MX FX FY FZ											
APPLIED MY MZ											
.000000 .000000 .000000 -4190.410											
.000000 24861.413 .000000											
REACTNS 2.25E-12 -2.77E-27 4190.410											
3.08E-26 24861.413 -1.27E-26											
TOTAL 2.25E-12 -2.77E-27 3.64E-11											
3.08E-26 -2.22E-10 -1.27E-26											
LOAD W-LO -----											
MX FX FY FZ											
APPLIED MY MZ											
.000000 .000000 .000000 -4190.410											
.000000 24861.413 .000000											
REACTNS 2.25E-12 -2.77E-27 4190.410											
3.08E-26 24861.413 -1.27E-26											
TOTAL 2.25E-12 -2.77E-27 3.64E-11											
3.08E-26 -2.22E-10 -1.27E-26											
LOAD W-LO -----											
MX FX FY FZ											
APPLIED MY MZ											
.000000 .000000 .000000 -4190.410											
.000000 24861.413 .000000											
REACTNS 2.25E-12 -2.77E-27 4190.410											
3.08E-26 24861.413 -1.27E-26											
TOTAL 2.25E-12 -2.77E-27 3.64E-11											
3.08E-26 -2.22E-10 -1.27E-26											
LOAD W-LO -----											
MX FX FY FZ											
APPLIED MY MZ											
.000000 .000000 .000000 -4190.410											
.000000 24861.413 .000000											
REACTNS 2.25E-12 -2.77E-27 4190.410											
3.08E-26 24861.413 -1.27E-26											
TOTAL 2.25E-12 -2.77E-27 3.64E-11											
3.08E-26 -2.22E-10 -1.27E-26											
LOAD W-LO -----											
MX FX FY FZ											
APPLIED MY MZ											
.000000 .000000 .000000 -4190.410											
.000000 24861.413 .000000											
REACTNS 2.25E-12 -2.77E-27 4190.410											
3.08E-26 24861.413 -1.27E-26											
TOTAL 2.25E-12 -2.77E-27 3.64E-11											
3.08E-26 -2.22E-10 -1.27E-26											
LOAD W-LO -----											
MX FX FY FZ											
APPLIED MY MZ											
.000000 .000000 .000000 -4190.410											
.000000 24861.413 .000000											
REACTNS 2.25E-12 -2.77E-27 4190.410											
3.08E-26 24861.413 -1.27E-26											
TOTAL 2.25E-12 -2.77E-27 3.64E-11											
3.08E-26 -2.22E-10 -1.27E-26											
LOAD W-LO -----											
MX FX FY FZ											
APPLIED MY MZ											
.000000 .000000 .000000 -4190.410											
.000000 24861.413 .000000											
REACTNS 2.25E-12 -2.77E-27 4190.410											
3.08E-26 24861.413 -1.27E-26											
TOTAL 2.25E-12 -2.77E-27 3.64E-11											
3.08E-26 -2.22E-10 -1.27E-26											
LOAD W-LO -----											
MX FX FY FZ											
APPLIED MY MZ											
.000000 .000000 .000000 -4190.410											
.000000 24861.413 .000000											
REACTNS 2.25E-12 -2.77E-27 4190.410											
3.08E-26 24861.413 -1.27E-26											
TOTAL 2.25E-12 -2.77E-27 3.64E-11											
3.08E-26 -2.22E-10 -1.27E-26											
LOAD W-LO -----											
MX FX FY FZ											
APPLIED MY MZ											
.000000 .000000 .000000 -4190.410											
.000000 24861.413 .000000											
REACTNS 2.25E-12 -2.77E-27 4190.410											
3.08E-26 24861.413 -1.27E-26											
TOTAL 2.25E-12 -2.77E-27 3.64E-11											
3.08E-26 -2.22E-10 -1.27E-26											
LOAD W-LO -----											
MX FX FY FZ											
APPLIED MY MZ											
.000000 .000000 .000000 -4190.410											
.000000 24861.413 .000000											
REACTNS 2.25E-12 -2.77E-27 4190.410											
3.08E-26 24861.413 -1.27E-26											
TOTAL 2.25E-12 -2.77E-27 3.64E-11											
3.08E-26 -2.22E-10 -1.27E-26											
LOAD W-LO -----											
MX FX FY FZ											

REACTNS	1.45E-12	-56.480256	19457.191
544.997490	-109804.501	-316.383365	
TOTAL 1.45E-12 1.61E-11 1.49E-10			
-1.81E-10	-9.50E-10	1.60E-10	
Program SAP2000 Nonlinear Version 7.42			
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GLOBAL FORCE BALANCE			
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES			
COMB	SVB13	-----	MIN
FZ			
MX	FX	FY	
APPLIED	0.00000	56.480256	-19457.191
-544.997490	109804.501	316.383365	
REACTNS	1.45E-12	-56.480256	19457.191
544.997490	-109804.501	-316.383365	
TOTAL 1.45E-12 1.61E-11 1.49E-10			
-1.81E-10	-9.50E-10	1.60E-10	
COMB	SVB14	-----	MAX
FZ			
MX	FX	FY	
APPLIED	0.00000	635.710256	-15266.781
-7786.531	84943.088	3519.045	
REACTNS	-7.96E-13	-635.710256	15266.781
7786.531	-84943.088	-3519.045	
TOTAL -7.96E-13 2.55E-10 1.13E-10			
-2.88E-09	-7.28E-10	2.53E-09	
COMB	SVB14	-----	MIN
FZ			
MX	FX	FY	
APPLIED	0.00000	635.710256	-15266.781
-7786.531	84943.088	3519.045	
REACTNS	-7.96E-13	-635.710256	15266.781
7786.531	-84943.088	-3519.045	
TOTAL -7.96E-13 2.55E-10 1.13E-10			
-2.88E-09	-7.28E-10	2.53E-09	
COMB	SVB15	-----	MAX
FZ			
MX	FX	FY	
APPLIED	0.00000	56.480256	-15266.781
-544.997490	84943.088	316.383365	
REACTNS	-7.96E-13	-56.480256	15266.781
544.997490	-84943.088	-316.383365	
TOTAL -7.96E-13 1.61E-11 1.13E-10			
-1.81E-10	-7.28E-10	1.60E-10	
COMB	SVB15	-----	MIN
FZ			
MX	FX	FY	
APPLIED	0.00000	56.480256	-15266.781
-544.997490	84943.088	316.383365	
REACTNS	-7.96E-13	-56.480256	15266.781
544.997490	-84943.088	-316.383365	
TOTAL -7.96E-13 1.61E-11 1.13E-10			
-1.81E-10	-7.28E-10	1.60E-10	
COMB	ULB01	-----	MAX
FZ			
MX	FX	FY	
APPLIED	0.00000	5.83E-30	-28856.197
-6.50E-29	163878.052	-6.82E-30	
REACTNS	3.79E-12	-1.87E-26	28856.197
2.08E-25	-163878.052	-8.23E-26	
TOTAL 3.79E-12 -1.86E-26 2.25E-10			
2.08E-25	-1.42E-09	-8.23E-26	
Program SAP2000 Nonlinear Version 7.42			
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GLOBAL FORCE BALANCE			
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES			
COMB	ULB01	-----	MIN
FZ			
MX	FX	FY	
APPLIED	0.00000	5.83E-30	-28856.197
-6.50E-29	163878.052	-6.82E-30	
REACTNS	3.79E-12	-1.87E-26	28856.197
2.08E-25	-163878.052	-8.23E-26	
TOTAL 3.79E-12 -1.86E-26 2.25E-10			
2.08E-25	-1.42E-09	-8.23E-26	
COMB	ULB02	-----	MAX
FZ			
MX	FX	FY	
APPLIED	0.00000	5.83E-30	-19846.816
-6.50E-29	110426.015	-6.82E-30	
REACTNS	-1.03E-12	-1.27E-26	19846.816
1.41E-25	-110426.015	-5.49E-26	
TOTAL -1.03E-12 -1.27E-26 1.47E-10			
1.41E-25	-9.46E-10	-5.49E-26	
COMB	ULB02	-----	MIN
FZ			
MX	FX	FY	
APPLIED	0.00000	5.83E-30	-19846.816
-6.50E-29	110426.015	-6.82E-30	
REACTNS	-1.03E-12	-1.27E-26	19846.816
1.41E-25	-110426.015	-5.49E-26	
TOTAL -1.03E-12 -1.27E-26 1.47E-10			
1.41E-25	-9.46E-10	-5.49E-26	
COMB	ULB03	-----	MAX
FZ			
MX	FX	FY	
APPLIED	0.00000	146.848666	-19846.816
-1416.993	110426.015	822.596748	
REACTNS	-1.03E-12	-146.848666	19846.816
1416.993	-110426.015	-822.596748	
TOTAL -1.03E-12 -1.48E-11 1.47E-10			
-4.71E-10	-9.46E-10	4.15E-10	
COMB	ULB03	-----	MIN
FZ			
MX	FX	FY	
APPLIED	0.00000	146.848666	-19846.816
-1416.993	110426.015	822.596748	
REACTNS	-1.03E-12	-146.848666	19846.816
1416.993	-110426.015	-822.596748	
TOTAL -1.03E-12 -1.48E-11 1.47E-10			
-4.71E-10	-9.46E-10	4.15E-10	

MX	MY	MZ	
APPLIED	0.00000	146.848666	-19846.816
-1416.993	110426.015	822.596748	
REACTNS	-1.03E-12	-146.848666	19846.816
1416.993	-110426.015	-822.596748	
TOTAL -1.03E-12 4.18E-11 1.47E-10			
-4.71E-10	-9.46E-10	4.15E-10	
COMB	ULB04	-----	MAX
FZ			
MX	FX	FY	
APPLIED	0.00000	73.424333	-25294.349
-708.496737	142745.851	411.298374	
REACTNS	1.88E-12	-73.424333	25294.349
708.496737	-142745.851	-411.298374	
TOTAL 1.88E-12 2.09E-11 1.94E-10			
-2.36E-10	-1.23E-09	2.08E-10	
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GLOBAL FORCE BALANCE			
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES			
COMB	ULB04	-----	MIN
FZ			
MX	FX	FY	
APPLIED	0.00000	73.424333	-25294.349
-708.496737	142745.851	411.298374	
REACTNS	1.88E-12	-73.424333	25294.349
708.496737	-142745.851	-411.298374	
TOTAL 1.88E-12 2.09E-11 1.94E-10			
-2.36E-10	-1.23E-09	2.08E-10	
COMB	ULB05	-----	MAX
FZ			
MX	FX	FY	
APPLIED	0.00000	73.424333	-19846.816
-708.496737	110426.015	411.298374	
REACTNS	-1.03E-12	-73.424333	19846.816
708.496737	-110426.015	-411.298374	
TOTAL -1.03E-12 2.09E-11 1.47E-10			
-2.36E-10	-9.46E-10	2.08E-10	
COMB	ULB05	-----	MIN
FZ			
MX	FX	FY	
APPLIED	0.00000	73.424333	-19846.816
-708.496737	110426.015	411.298374	
REACTNS	-1.03E-12	-73.424333	19846.816
708.496737	-110426.015	-411.298374	
TOTAL -1.03E-12 2.09E-11 1.47E-10			
-2.36E-10	-9.46E-10	2.08E-10	
COMB	ULB06	-----	MAX
FZ			
MX	FX	FY	
APPLIED	0.00000	752.999000	-25294.349
-9413.994	142745.851	4163.460	
REACTNS	1.88E-12	-752.999000	25294.349
9413.994	-142745.851	-4163.460	
TOTAL 1.88E-12 3.10E-10 1.94E-10			
-3.50E-09	-1.23E-09	3.08E-09	
COMB	ULB06	-----	MIN
FZ			
MX	FX	FY	
APPLIED	0.00000	752.999000	-25294.349
-9413.994	142745.851	4163.460	
REACTNS	1.88E-12	-752.999000	25294.349
9413.994	-142745.851	-4163.460	
TOTAL 1.88E-12 3.10E-10 1.94E-10			
-3.50E-09	-1.23E-09	3.08E-09	
COMB	ULB07	-----	MAX
FZ			
MX	FX	FY	
APPLIED	0.00000	5.83E-30	-25294.349
-6.50E-29	142745.851	-6.82E-30	
REACTNS	1.88E-12	-1.63E-26	25294.349
1.81E-25	-142745.851	-7.15E-26	
TOTAL 1.88E-12 -1.63E-26 1.94E-10			
1.81E-25	-1.23E-09	-7.15E-26	
COMB	ULB07	-----	MIN
FZ			
MX	FX	FY	
APPLIED	0.00000	5.83E-30	-25294.349
-6.50E-29	142745.851	-6.82E-30	
REACTNS	1.88E-12	-1.63E-26	25294.349
1.81E-25	-142745.851	-7.15E-26	
TOTAL 1.88E-12 -1.63E-26 1.94E-10			
1.81E-25	-1.23E-09	-7.15E-26	
COMB	ULB08	-----	MAX
FZ			
MX	FX	FY	
APPLIED	0.00000	752.999000	-19846.816
-9413.994	110426.015	4163.460	
REACTNS	-1.03E-12	-752.999000	19846.816
9413.994	-110426.015	-4163.460	
TOTAL -1.03E-12 3.10E-10 1.47E-10			
-3.50E-09	-9.46E-10	3.08E-09	
COMB	ULB08	-----	MIN
FZ			
MX	FX	FY	
APPLIED	0.00000	752.999000	-19846.816
-9413.994	110426.015	4163.460	
REACTNS	-1.03E-12	-752.999000	19846.816
9413.994	-110426.015	-4163.460	
TOTAL -1.03E-12 3.10E-10 1.47E-10			
-3.50E-09	-9.46E-10	3.08E-09	

COMB	ULB09	-----	MAX	
FZ				
MX	FX	FY		
APPLIED	0.00000	5.83E-30		-19846.816
-6.50E-29	110426.015	-6.82E-30		
REACTNS	-1.03E-12	-1.27E-26		19846.816
1.41E-25	-110426.015	-5.49E-26		
TOTAL -1.03E-12 -1.27E-26 1.47E-10				
1.41E-25	-9.46E-10	-5.49E-26		
COMB	ULB09	-----	MIN	
FZ				
MX	FX	FY		
APPLIED	0.00000	5.83E-30		-19846.816
-6.50E-29	110426.015	-6.82E-30		
REACTNS	-1.03E-12	-1.27E-26		19846.816
1.41E-25	-110426.015	-5.49E-26		
TOTAL -1.03E-12 -1.27E-26 1.47E-10				
1.41E-25	-9.46E-10	-5.49E-26		
COMB	ULB10	-----	MAX	
FZ				
MX	FX	FY		
APPLIED	0.00000	865.238140		-19083.477
-10414.411	106178.860	4794.285		
REACTNS	-9.95E-13	-865.238140		19083.477
10414.411	-106178.860	-4794.285		
TOTAL -9.95E-13 3.39E-10 1.41E-10				
-3.82E-09	-9.09E-10	3.36E-09		
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GLOBAL FORCE BALANCE				
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES				
COMB	ULB10	-----	MIN	
FZ				
MX	FX	FY		
APPLIED	0.00000	865.238140		-19083.477
-10414.411	106178.860	4794.285		
REACTNS	-9.95E-13	-865.238140		19083.477
10414.411	-106178.860	-4794.285		
TOTAL -9.95E-13 3.39E-10 1.41E-10				
-3.82E-09	-9.09E-10	3.36E-09		
COMB	ULB11	-----	MAX	
FZ				
MX	FX	FY		
APPLIED	0.00000	141.200640		-19083.477
-1362.494	106178.860	790.958412		
REACTNS	-9.95E-13	-141.200640		19083.477
1362.494	-106178.860	-790.958412		
TOTAL -9.95E-13 4.02E-11 1.41E-10				
-4.53E-10	-9.09E-10	3.99E-10		
COMB	ULB11	-----	MIN	
FZ				
MX	FX	FY		
APPLIED	0.00000	141.200640		-19083.477
-1362.494	106178.860	790.958412		
REACTNS	-9.95E-13	-141.200640		19083.477
1362.494	-106178.860	-790.958412		
TOTAL -9.95E-13 4.02E-11 1.41E-10				
-4.53E-10	-9.09E-10	3.99E-10		
COMB	ULB12	-----	MAX	
FZ				
MX	FX	FY		
APPLIED	0.00000	794.637820		-24321.489
-9733.164	137255.626	4398.806		
REACTNS	1.81E-12	-794.637820		24321.489
9733.164	-137255.626	-4398.806		
TOTAL 1.81E-12 3.19E-10 1.86E-10				
-3.60E-09	-1.19E-09	3.16E-09		
COMB	ULB12	-----	MIN	
FZ				
MX	FX	FY		
APPLIED	0.00000	794.637820		-24321.489
-9733.164	137255.626	4398.806		
REACTNS	1.81E-12	-794.637820		24321.489
9733.164	-137255.626	-4398.806		
TOTAL 1.81E-12 3.19E-10 1.86E-10				
-3.60E-09	-1.19E-09	3.16E-09		
COMB	ULB13	-----	MAX	
FZ				
MX	FX	FY		
APPLIED	0.00000	70.600320		-24321.489
-681.246863	137255.626	395.479206		
REACTNS	1.81E-12	-70.600320		24321.489
681.246863	-137255.626	-395.479206		
TOTAL 1.81E-12 2.01E-11 1.86E-10				
-2.27E-10	-1.19E-09	2.00E-10		
Program SAP2000 Nonlinear Version 7.42				
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GLOBAL FORCE BALANCE				
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES				
COMB	ULB13	-----	MIN	
FZ				
MX	FX	FY		
APPLIED	0.00000	70.600320		-24321.489
-681.246863	137255.626	395.479206		
REACTNS	1.81E-12	-70.600320		24321.489
681.246863	-137255.626	-395.479206		
TOTAL 1.81E-12 2.01E-11 1.86E-10				
-2.27E-10	-1.19E-09	2.00E-10		
COMB	ULB14	-----	MAX	
FZ				
MX	FX	FY		
APPLIED	0.00000	794.637820		-19083.477
-9733.164	106178.860	4398.806		
REACTNS	-9.95E-13	-794.637820		19083.477
9733.164	-106178.860	-4398.806		

REACTNS	4.03E-12	-1.57E-26	24276.163
1.75E-25	-138395.126	-6.97E-26	
TOTAL	4.03E-12	-1.57E-26	1.91E-10
1.75E-25	-1.20E-09	-6.97E-26	
COMB	UEB02	-----	MAX
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-15266.781
5.00E-29	84943.088	-5.24E-30	
REACTNS	-7.96E-13	-9.77E-27	15266.781
1.09E-25	-84943.088	-4.23E-26	
TOTAL	-7.96E-13	-9.77E-27	1.13E-10
1.09E-25	-7.28E-10	-4.23E-26	
COMB	UEB02	-----	MIN
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-15266.781
5.00E-29	84943.088	-5.24E-30	
REACTNS	-7.96E-13	-9.77E-27	15266.781
1.09E-25	-84943.088	-4.23E-26	
TOTAL	-7.96E-13	-9.77E-27	1.13E-10
1.09E-25	-7.28E-10	-4.23E-26	
COMB	UEB03	-----	MAX
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	146.848666	-15266.781
1416.993	84943.088	822.596748	
REACTNS	-7.96E-13	-146.848666	15266.781
1416.993	-84943.088	-822.596748	
TOTAL	-7.96E-13	4.18E-11	1.13E-10
-4.71E-10	-7.28E-10	4.15E-10	
COMB	UEB03	-----	MIN
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	146.848666	-15266.781
1416.993	84943.088	822.596748	
REACTNS	-7.96E-13	-146.848666	15266.781
1416.993	-84943.088	-822.596748	
TOTAL	-7.96E-13	4.18E-11	1.13E-10
-4.71E-10	-7.28E-10	4.15E-10	
COMB	UEB04	-----	MAX
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	73.424333	-20714.314
-708.496737	117262.925	411.298374	
REACTNS	2.12E-12	-73.424333	20714.314
-708.496737	-117262.925	-411.298374	
TOTAL	2.12E-12	2.09E-11	1.60E-10
-2.36E-10	-1.02E-09	2.08E-10	
Program	SAP2000	Nonlinear	Version 7.42
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GLOBAL FORCE BALANCE			
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES			
COMB	UEB04	-----	MIN
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	73.424333	-20714.314
-708.496737	117262.925	411.298374	
REACTNS	2.12E-12	-73.424333	20714.314
-708.496737	-117262.925	-411.298374	
TOTAL	2.12E-12	2.09E-11	1.60E-10
-2.36E-10	-1.02E-09	2.08E-10	
COMB	UEB05	-----	MAX
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	73.424333	-15266.781
-708.496737	84943.088	411.298374	
REACTNS	-7.96E-13	-73.424333	15266.781
-708.496737	-84943.088	-411.298374	
TOTAL	-7.96E-13	2.09E-11	1.13E-10
-2.36E-10	-7.28E-10	2.08E-10	
COMB	UEB05	-----	MIN
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	73.424333	-15266.781
-708.496737	84943.088	411.298374	
REACTNS	-7.96E-13	-73.424333	15266.781
-708.496737	-84943.088	-411.298374	
TOTAL	-7.96E-13	2.09E-11	1.13E-10
-2.36E-10	-7.28E-10	2.08E-10	
COMB	UEB06	-----	MAX
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	73.424333	-20714.314
-9413.994	117262.925	4163.460	
REACTNS	2.12E-12	-752.999000	20714.314
-9413.994	-117262.925	-4163.460	
TOTAL	2.12E-12	3.10E-10	1.60E-10
-3.50E-09	-1.02E-09	3.08E-09	
COMB	UEB06	-----	MIN
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	752.999000	-20714.314
-9413.994	117262.925	4163.460	
REACTNS	2.12E-12	-752.999000	20714.314
-9413.994	-117262.925	-4163.460	
TOTAL	2.12E-12	3.10E-10	1.60E-10
-3.50E-09	-1.02E-09	3.08E-09	
COMB	UEB07	-----	MAX
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
Program	SAP2000	Nonlinear	Version 7.42
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GLOBAL FORCE BALANCE			
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES			
COMB	UEB07	-----	MIN
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
COMB	UEB08	-----	MAX
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	752.999000	-15266.781
-9413.994	117262.925	4163.460	
REACTNS	-7.96E-13	-752.999000	15266.781
-9413.994	-117262.925	-4163.460	
TOTAL	-7.96E-13	2.09E-11	1.13E-10
-3.50E-09	-7.28E-10	2.08E-10	
COMB	UEB08	-----	MIN
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	752.999000	-15266.781
-9413.994	117262.925	4163.460	
REACTNS	-7.96E-13	-752.999000	15266.781
-9413.994	-117262.925	-4163.460	
TOTAL	-7.96E-13	2.09E-11	1.13E-10
-3.50E-09	-7.28E-10	2.08E-10	
COMB	UEB09	-----	MAX
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
Program	SAP2000	Nonlinear	Version 7.42
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GLOBAL FORCE BALANCE			
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES			
COMB	UEB09	-----	MIN
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
COMB	UEB10	-----	MAX
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
COMB	UEB10	-----	MIN
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
COMB	UEB11	-----	MAX
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
COMB	UEB11	-----	MIN
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
COMB	UEB12	-----	MAX
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
COMB	UEB12	-----	MIN
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
COMB	UEB13	-----	MAX
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
COMB	UEB13	-----	MIN
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
COMB	UEB14	-----	MAX
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
COMB	UEB14	-----	MIN
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
COMB	UEB15	-----	MAX
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
COMB	UEB15	-----	MIN
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	
COMB	UEB16	-----	MAX
MX	FX	FY	FZ
MY	MY	MZ	
APPLIED	0.00000	4.49E-30	-20714.314
-5.00E-29	117262.925	-5.24E-30	
REACTNS	2.12E-12	-1.34E-26	20714.314
1.49E-25	-117262.925	-5.88E-26	
TOTAL	2.12E-12	-1.34E-26	1.60E-10
1.49E-25	-1.02E-09	-5.88E-26	

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GLOBAL FORCE BALANCE					
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES					
COMB	UEB07	-----		MIN	
		FX	FY		FZ
		MY	MZ		
APPLIED		.000000	4.49E-30		
5.00E-29		117262.925	-5.24E-30		-20714.314
REACTNS		2.12E-12	-1.34E-26		20714.314
1.49E-25		-117262.925	-5.88E-26		
TOTAL		2.12E-12	-1.34E-26		1.60E-10
1.49E-25		-1.02E-09	-5.88E-26		
COMB	UEB08	-----		MAX	
		FX	FY		FZ
		MY	MZ		
APPLIED		.000000	752.999000		-15266.781
9413.994		84943.088	4163.460		
REACTNS		-7.96E-13	-752.999000		15266.781
9413.994		-84943.088	-4163.460		
TOTAL		-7.96E-13	3.10E-10		1.13E-10
-3.50E-09		-7.28E-10	3.08E-09		
COMB	UEB08	-----		MIN	
		FX	FY		FZ
		MY	MZ		
APPLIED		.000000	752.999000		-15266.781
9413.994		84943.088	4163.460		
REACTNS		-7.96E-13	-752.999000		15266.781
9413.994		-84943.088	-4163.460		
TOTAL		-7.96E-13	3.10E-10		1.13E-10
-3.50E-09		-7.28E-10	3.08E-09		
COMB	UEB09	-----		MAX	
		FX	FY		FZ
		MY	MZ		
APPLIED		.000000	752.999000		-15266.781
9413.994		84943.088	4163.460		
REACTNS		-7.96E-13	-752.999000		15266.781
9413.994		-84943.088	-4163.460		
TOTAL		-7.96E-13	3.10E-10		1.13E-10
1.09E-25		-7.28E-10	-4.23E-26		
COMB	UEB09	-----		MIN	
		FX	FY		FZ
		MY	MZ		
APPLIED		.000000	4.49E-30		-15266.781
5.00E-29		84943.088	-5.24E-30		
REACTNS		-7.96E-13	-9.77E-27		15266.781
1.09E-25		-84943.088	-4.23E-26		
TOTAL		-7.96E-13	-9.77E-27		1.13E-10
1.09E-25		-7.28E-10	-4.23E-26		
COMB	UEB10	-----		MAX	
		FX	FY		FZ
		MY	MZ		
APPLIED		.000000	865.238140		-14503.442
10414.411		80695.934	4794.285		
REACTNS		-7.56E-13	-865.238140		14503.442
10414.411		-80695.934	-4794.285		
TOTAL		-7.56E-13	3.39E-10		1.07E-10
-3.82E-09		-6.91E-10	3.36E-09		
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GLOBAL FORCE BALANCE					
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES					
COMB	UEB10	-----		MIN	
		FX	FY		FZ
		MY	MZ		
APPLIED		.000000	865.238140		-14503.442
10414.411		80695.934	4794.285		
REACTNS		-7.56E-13	-865.238140		14503.442
10414.411		-80695.934	-4794.285		
TOTAL		-7.56E-13	3.39E-10		1.07E-10
-3.82E-09		-6.91E-10	3.36E-09		
COMB	UEB11	-----		MAX	
		FX	FY		FZ
		MY	MZ		
APPLIED		.000000	141.200640		-14503.442
1362.494		80695.934	790.958412		
REACTNS		-7.56E-13	-141.200640		14503.442
1362.494		-80695.934	-790.958412		
TOTAL		-7.56E-13	4.02E-11		1.07E-10
-4.53E-10		-6.91E-10	3.99E-10		
COMB	UEB11	-----		MIN	
		FX	FY		FZ
		MY	MZ		
APPLIED		.000000	141.200640		-14503.442
1362.494		80695.934	790.958412		
REACTNS		-7.56E-13	-141.200640		14503.442
1362.494		-80695.934	-790.958412		
TOTAL		-7.56E-13	4.02E-11		1.07E-10
-4.53E-10		-6.91E-10	3.99E-10		
COMB	UEB12	-----		MAX	
		FX	FY		FZ
		MY	MZ		
APPLIED		.000000	794.637820		-19741.455
9733.164		111772.700	4398.806		
REACTNS		2.05E-12	-794.637820		19741.455
9733.164		-111772.700	-4398.806		
TOTAL		2.05E-12	3.19E-10		1.53E-10
-3.60E-09		-9.69E-10	3.16E-09		
COMB	UEB12	-----		MIN	
		FX	FY		FZ
		MY	MZ		
APPLIED		.000000	794.637820		-19741.455
9733.164		111772.700	4398.806		
REACTNS		2.05E-12	-794.637820		19741.455
9733.164		-111772.700	-4398.806		
TOTAL		2.05E-12	3.19E-10		1.53E-10

-5.00E-29	91588.479	-5.24E-30	15266.781
REACTIONS	-466.791029	-9.11E-27	
1.01E-25	-91588.479	-3.99E-26	
TOTAL	2.68E-11	-9.10E-27	1.14E-10
1.01E-25	-4.68E-10	-3.99E-26	
COMB	SVO06	-----	MAX
			FZ
APPLIED	MX	FX	FY
	MY	MZ	
-5.00E-29	14.326000	4.49E-30	-19457.191
REACTIONS	109852.017	-5.24E-30	
1.42E-25	-109852.017	-1.27E-26	19457.191
1.42E-25	-109852.017	-5.63E-26	
TOTAL	1.10E-10	-1.27E-26	1.52E-10
1.42E-25	2.34E-10	-5.63E-26	
COMB	SVO06	-----	MIN
			FZ
APPLIED	MX	FX	FY
	MY	MZ	
-5.00E-29	14.326000	4.49E-30	-19457.191
REACTIONS	109852.017	-5.24E-30	
1.42E-25	-109852.017	-1.27E-26	19457.191
1.42E-25	-109852.017	-5.63E-26	
TOTAL	1.10E-10	-1.27E-26	1.52E-10
1.42E-25	2.34E-10	-5.63E-26	
COMB	SVO07	-----	MAX
			FZ
APPLIED	MX	FX	FY
	MY	MZ	
-5.00E-29	14.326000	4.49E-30	-19457.191
REACTIONS	109852.017	-5.24E-30	
1.40E-25	-109852.017	-1.25E-26	19457.191
1.40E-25	-109852.017	-5.50E-26	
TOTAL	1.61E-12	-1.25E-26	1.49E-10
1.40E-25	-9.48E-10	-5.50E-26	
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GLOBAL FORCE BALANCE			
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES			
COMB	SVO07	-----	MIN
			FZ
APPLIED	MX	FX	FY
	MY	MZ	
-5.00E-29	14.326000	4.49E-30	-19457.191
REACTIONS	109852.017	-5.24E-30	
1.40E-25	-109852.017	-1.25E-26	19457.191
1.40E-25	-109852.017	-5.50E-26	
TOTAL	1.61E-12	-1.25E-26	1.49E-10
1.40E-25	-9.48E-10	-5.50E-26	
COMB	SVO08	-----	MAX
			FZ
APPLIED	MX	FX	FY
	MY	MZ	
-5.00E-29	14.326000	4.49E-30	-15266.781
REACTIONS	84990.604	-5.24E-30	
1.11E-25	-84990.604	-9.95E-27	15266.781
1.11E-25	-84990.604	-4.36E-26	
TOTAL	1.08E-10	-9.95E-27	1.15E-10
1.11E-25	4.56E-10	-4.36E-26	
COMB	SVO08	-----	MIN
			FZ
APPLIED	MX	FX	FY
	MY	MZ	
-5.00E-29	14.326000	4.49E-30	-15266.781
REACTIONS	84990.604	-5.24E-30	
1.11E-25	-84990.604	-9.95E-27	15266.781
1.11E-25	-84990.604	-4.36E-26	
TOTAL	1.08E-10	-9.95E-27	1.15E-10
1.11E-25	4.56E-10	-4.36E-26	
COMB	SVO09	-----	MAX
			FZ
APPLIED	MX	FX	FY
	MY	MZ	
-5.00E-29	14.326000	4.49E-30	-15266.781
REACTIONS	84990.604	-5.24E-30	
1.09E-25	-84990.604	-9.77E-27	15266.781
1.09E-25	-84990.604	-4.23E-26	
TOTAL	1.08E-10	-9.77E-27	1.13E-10
1.09E-25	-7.26E-10	-4.23E-26	
COMB	SVO09	-----	MIN
			FZ
APPLIED	MX	FX	FY
	MY	MZ	
-5.00E-29	14.326000	4.49E-30	-15266.781
REACTIONS	84990.604	-5.24E-30	
1.09E-25	-84990.604	-9.77E-27	15266.781
1.09E-25	-84990.604	-4.23E-26	
TOTAL	1.08E-10	-9.77E-27	1.13E-10
1.09E-25	-7.26E-10	-4.23E-26	
COMB	SVO10	-----	MAX
			FZ
APPLIED	MX	FX	FY
	MY	MZ	
-5.00E-29	763.256059	4.49E-30	-15266.781
REACTIONS	95559.314	-5.24E-30	
9.92E-26	-95559.314	-8.91E-27	15266.781
9.92E-26	-95559.314	-4.00E-26	
TOTAL	1.53E-10	-8.91E-27	1.17E-10
9.91E-26	8.76E-10	-4.00E-26	
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GLOBAL FORCE BALANCE			
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES			
COMB	SVO10	-----	MIN
			FZ
APPLIED	MX	FX	FY
	MY	MZ	
-5.00E-29	763.256059	4.49E-30	-15266.781
REACTIONS	95559.314	-5.24E-30	
9.92E-26	-95559.314	-8.91E-27	15266.781
9.92E-26	-95559.314	-4.00E-26	
TOTAL	1.53E-10	-8.91E-27	1.17E-10
9.91E-26	8.76E-10	-4.00E-26	
COMB	SVO11	-----	MAX

	MX	FX	FY	FZ
APPLIED	MY	MZ		
-5.00E-29	763.256059	4.49E-30	-15266.781	
REACTIONS	95559.314	-5.24E-30		
9.72E-26	-95559.314	-8.73E-27	15266.781	
9.72E-26	-95559.314	-3.87E-26		
TOTAL	4.39E-11	-8.73E-27	1.14E-10	
9.71E-26	-3.06E-10	-3.87E-26		
COMB	SVO11	-----	MIN	
			FZ	
APPLIED	MX	FX	FY	
	MY	MZ		
-5.00E-29	763.256059	4.49E-30	-15266.781	
REACTIONS	95559.314	-5.24E-30		
9.72E-26	-95559.314	-8.73E-27	15266.781	
9.72E-26	-95559.314	-3.87E-26		
TOTAL	4.39E-11	-8.73E-27	1.14E-10	
9.71E-26	-3.06E-10	-3.87E-26		
COMB	SVO12	-----	MAX	
			FZ	
APPLIED	MX	FX	FY	
	MY	MZ		
-5.00E-29	466.791030	4.49E-30	-19457.191	
REACTIONS	116449.892	-5.24E-30		
1.34E-25	-116449.892	-1.21E-26	19457.191	
1.34E-25	-116449.892	-5.40E-26		
TOTAL	1.38E-10	-1.21E-26	1.53E-10	
1.34E-25	4.92E-10	-5.40E-26		
COMB	SVO12	-----	MIN	
			FZ	
APPLIED	MX	FX	FY	
	MY	MZ		
-5.00E-29	466.791030	4.49E-30	-19457.191	
REACTIONS	116449.892	-5.24E-30		
1.34E-25	-116449.892	-1.21E-26	19457.191	
1.34E-25	-116449.892	-5.40E-26		
TOTAL	1.38E-10	-1.21E-26	1.53E-10	
1.34E-25	4.92E-10	-5.40E-26		
COMB	SVO13	-----	MAX	
			FZ	
APPLIED	MX	FX	FY	
	MY	MZ		
-5.00E-29	466.791030	4.49E-30	-19457.191	
REACTIONS	116449.892	-5.24E-30		
1.32E-25	-116449.892	-1.19E-26	19457.191	
1.32E-25	-116449.892	-5.27E-26		
TOTAL	2.91E-11	-1.19E-26	1.50E-10	
1.32E-25	-6.90E-10	-5.27E-26		
Program	SAP2000	Nonlinear	Version 7.42	
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GLOBAL FORCE BALANCE				
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES				
COMB	SVO13	-----	MIN	
			FZ	
APPLIED	MX	FX	FY	
	MY	MZ		
-5.00E-29	466.791030	4.49E-30	-19457.191	
REACTIONS	116449.892	-5.24E-30		
1.32E-25	-116449.892	-1.19E-26	19457.191	
1.32E-25	-116449.892	-5.27E-26		
TOTAL	2.91E-11	-1.19E-26	1.50E-10	
1.32E-25	-6.90E-10	-5.27E-26		
COMB	SVO14	-----	MAX	
			FZ	
APPLIED	MX	FX	FY	
	MY	MZ		
-5.00E-29	466.791030	4.49E-30	-15266.781	
REACTIONS	91588.479	-5.24E-30		
1.03E-25	-91588.479	-9.29E-27	15266.781	
1.03E-25	-91588.479	-4.13E-26		
TOTAL	1.36E-10	-9.28E-27	1.17E-10	
1.03E-25	7.14E-10	-4.13E-26		
COMB	SVO14	-----	MIN	
			FZ	
APPLIED	MX	FX	FY	
	MY	MZ		
-5.00E-29	466.791030	4.49E-30	-15266.781	
REACTIONS	91588.479	-5.24E-30		
1.03E-25	-91588.479	-9.29E-27	15266.781	
1.03E-25	-91588.479	-4.13E-26		
TOTAL	1.36E-10	-9.28E-27	1.17E-10	
1.03E-25	7.14E-10	-4.13E-26		
COMB	SVO15	-----	MAX	
			FZ	
APPLIED	MX	FX	FY	
	MY	MZ		
-5.00E-29	466.791030	4.49E-30	-15266.781	
REACTIONS	91588.479	-5.24E-30		
1.01E-25	-91588.479	-9.11E-27	15266.781	
1.01E-25	-91588.479	-3.99E-26		
TOTAL	2.68E-11	-9.10E-27	1.14E-10	
1.01E-25	-4.68E-10	-3.99E-26		
COMB	SVO15	-----	MIN	
			FZ	
APPLIED	MX	FX	FY	
	MY	MZ		
-5.00E-29	466.791030	4.49E-30	-15266.781	
REACTIONS	91588.479	-5.24E-30		
1.01E-25	-91588.479	-9.11E-27	15266.781	
1.01E-25	-91588.479	-3.99E-26		
TOTAL	2.68E-11	-9.10E-27	1.14E-10	
1.01E-25	-4.68E-10	-3.99E-26		
COMB	ULO01	-----	MAX	
			FZ	
APPLIED	MX	FX	FY	
	MY	MZ		
-6.50E-29	18.623800	5.83E-30	-28856.197	
REACTIONS	163939.823	-6.82E-30		
2.08E-25	-163939.823	-1.87E-26	28856.197	
2.08E-25	-163939.823	-8.23E-26		
TOTAL	4.00E-12	-1.86E-26	2.25E-10	
1.01E-25	-1.42E-09	-8.23E-26		
Program	SAP2000	Nonlinear	Version 7.42	
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GLOBAL FORCE BALANCE				
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES				
COMB	ULO01	-----	MIN	
			FZ	
APPLIED	MX	FX	FY	
	MY	MZ		
-6.50E-29	18.623800	5.83E-30	-28856.197	
REACTIONS	163939.823	-6.82E-30		
2.08E-25	-163939.823	-1.87E-26	28856.197	
2.08E-25	-163939.823	-8.23E-26		
TOTAL	4.00E-12	-1.86E-26	2.25E-10	
2.08E-25	-1.42E-09	-8.23E-26		
Program	SAP2000	Nonlinear	Version 7.42	
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GLOBAL FORCE BALANCE				
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES				
COMB	ULO01	-----	MAX	
			FZ	
APPLIED	MX	FX	FY	
	MY	MZ		
-6.50E-29	18.623800	5.83E-30	-28856.197	
REACTIONS	163939.823	-6.82E-30		
2.08E-25	-163939.823	-1.87E-26	28856.197	
2.08E-25	-163939.823	-8.23E-26		
TOTAL	4.00E-12	-1.86E-26	2.25E-10	
2.08E-25	-1.42E-09	-8.23E-26		
Program	SAP2000	Nonlinear	Version 7.42	
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COMB	ULO01	-----	MIN		
			FZ		
APPLIED	MX	FX	FY		
	MY	MZ			
-6.50E-29	18.623800	5.83E-30	-28856.197		
REACTIONS	163939.823	-6.82E-30			
2.08E-25	-163939.823	-1.87E-26	28856.197		
2.08E-25	-163939.823	-8.23E-26			
TOTAL	4.00E-12	-1.86E-26	2.25E-10		
2.08E-25	-1.42E-09	-8.23E-26			
COMB	ULO02	-----	MAX		
			FZ		
APPLIED	MX	FX	FY		
	MY	MZ			
-6.50E-29	18.623800	5.83E-30	-19846.816		
REACTIONS	110487.785	-6.82E-30			
1.41E-25	-18.623800	-1.27E-26	19846.816		
1.41E-25	-110487.785	-4.9E-26			
TOTAL	-8.27E-13	-1.27E-26	1.47E-10		
1.41E-25	-9.44E-10	-5.49E-26			
COMB	ULO02	-----	MIN		
			FZ		
APPLIED	MX	FX	FY		
	MY	MZ			
-6.50E-29	18.623800	5.83E-30	-19846.816		
REACTIONS	110487.785	-6.82E-30			
1.41E-25	-18.623800	-1.27E-26	19846.816		
1.41E-25	-110487.785	-4.9E-26			
TOTAL	-8.27E-13	-1.27E-26	1.47E-10		
1.41E-25	-9.44E-10	-5.49E-26			
COMB	ULO03	-----	MAX		
			FZ		
APPLIED	MX	FX	FY		
	MY	MZ			
-6.50E-29	18.623800	5.83E-30	-19846.816		
REACTIONS	110487.785	-6.82E-30			
1.41E-25	-18.623800	-1.27E-26	19846.816		
1.41E-25	-110487.785	-4.9E-26			
TOTAL	-8.27E-13	-1.27E-26	1.47E-10		
1.41E-25	-9.44E-10	-5.49E-26			
COMB	ULO03	-----	MIN		
			FZ		
APPLIED	MX	FX	FY		
	MY	MZ			
-6.50E-29	18.623800	5.83E-30	-19846.816		
REACTIONS	110487.785	-6.82E-30			
1.41E-25	-18.623800	-1.27E-26	19846.816		
1.41E-25	-110487.785	-4.9E-26			
TOTAL	-8.27E-13	-1.27E-26	1.47E-10		
1.41E-25	-9.44E-10	-5.49E-26			
COMB	ULO04	-----	MAX		
			FZ		
APPLIED	MX	FX	FY		
	MY	MZ			
-6.50E-29	18.623800	5.83E-30	-25294.349		
REACTIONS	151384.859	-6.82E-30			
1.72E-25	-18.623800	-1.54E-26	25294.349		
1.72E-25	-151384.859	-6.85E-26			
TOTAL	3.78E-11	-1.54E-26	1.95E-10		
1.72E-25	-8.97E-10	-6.85E-26			
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GLOBAL FORCE BALANCE					
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES					
COMB	ULO04	-----	MIN		
			FZ		
APPLIED	MX	FX	FY		
	MY	MZ			
-6.50E-29	18.623800	5.83E-30	-25294.349		
REACTIONS	151384.859	-6.82E-30			
1.72E-25	-18.623800	-1.54E-26	25294.349		
1.72E-25	-151384.859	-6.85E-26			
TOTAL	3.78E-11	-1.54E-26	1.95E-10		
1.72E-25	-8.97E-10	-6.85E-26			
COMB	ULO05	-----	MAX		
			FZ		
APPLIED	MX	FX	FY		
	MY	MZ			
-6.50E-29	18.623800	5.83E-30	-19846.816		
REACTIONS	110487.785	-6.82E-30			
1.32E-25	-18.623800	-1.18E-26	19846.816		
1.32E-25	-110487.785	-4.9E-26			
TOTAL	-8.27E-13	-1.18E-26	1.48E-10		
1.32E-25	-9.44E-10	-5.49E-26			
COMB	ULO05	-----	MIN		
			FZ		
APPLIED	MX	FX	FY		
	MY	MZ			
-6.50E-29	18.623800	5.83E-30	-19846.816		
REACTIONS	110487.785	-6.82E-30			
1.32E-25	-18.623800	-1.18E-26	19846.816		
1.32E-25	-110487.785	-4.9E-26			
TOTAL	-8.27E-13	-1.18E-26	1.48E-10		
1.32E-25	-9.44E-10	-5.49E-26			
COMB	ULO06	-----	MAX		
			FZ		
APPLIED	MX	FX	FY		
	MY	MZ			
-6.50E-29	18.623800	5.83E-30	-25294.349		
REACTIONS	151384.859	-6.82E-30			
1.72E-25	-18.623800	-1.54E-26	25294.349		
1.72E-25	-151384.859	-6.85E-26			
TOTAL	3.78E-11	-1.54E-26	1.95E-10		
1.72E-25	-8.97E-10	-6.85E-26			
COMB	ULO06	-----	MIN		
			FZ		
APPLIED	MX	FX	FY		
	MY	MZ			
-6.50E-29	18.623800	5.83E-30	-25294.349		
REACTIONS	151384.859	-6.82E-30			
1.72E-25	-18.623800	-1.54E-26	25294.349		
1.72E-25	-151384.859	-6.85E-26			
TOTAL	3.78E-11	-1.54E-26	1.95E-10		
1.72E-25	-8.97E-10	-6.85E-26			
COMB	ULO07	-----	MAX		
			FZ		
APPLIED	MX	FX	FY		
	MY	MZ			
-6.50E-29	18.623800	5.83E-30	-25294.349		
REACTIONS	151384.859	-6.82E-30			
1.72E-25	-18.623800	-1.54E-26	25294.349		
1.72E-25	-151384.859	-6.85E-26			
TOTAL	3.78E-11	-1.54E-26	1.95E-10		
1.72E-25	-8.97E-10	-6.85E-26			

APPLIED	583.488787	5.61E-30	-24321.489
-6.25E-29	145562.365	-6.56E-30	
REACTNS	-583.488787	-1.51E-26	24321.489
1.68E-25	-145562.365	-6.75E-26	
TOTAL	1.72E-10	-1.51E-26	1.91E-10
1.68E-25	6.15E-10	-6.75E-26	

COMB ULO13 ----- MAX

	FX	FY	FZ
	MY	MZ	
APPLIED	583.488787	5.61E-30	-24321.489
-6.25E-29	145562.365	-6.56E-30	
REACTNS	-583.488787	-1.48E-26	24321.489
1.65E-25	-145562.365	-6.59E-26	
TOTAL	3.64E-11	-1.48E-26	1.88E-10
1.65E-25	-8.63E-10	-6.59E-26	

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GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

COMB ULO13 ----- MIN

	FX	FY	FZ
	MY	MZ	
APPLIED	583.488787	5.61E-30	-24321.489
-6.25E-29	145562.365	-6.56E-30	
REACTNS	-583.488787	-1.48E-26	24321.489
1.65E-25	-145562.365	-6.59E-26	
TOTAL	3.64E-11	-1.48E-26	1.88E-10
1.65E-25	-8.63E-10	-6.59E-26	

COMB ULO14 ----- MAX

	FX	FY	FZ
	MY	MZ	
APPLIED	583.488787	5.61E-30	-19083.477
-6.25E-29	114485.598	-6.56E-30	
REACTNS	-583.488787	-1.16E-26	19083.477
1.29E-25	-114485.598	-5.16E-26	
TOTAL	1.69E-10	-1.16E-26	1.46E-10
1.29E-25	8.92E-10	-5.16E-26	

COMB ULO14 ----- MIN

	FX	FY	FZ
	MY	MZ	
APPLIED	583.488787	5.61E-30	-19083.477
-6.25E-29	114485.598	-6.56E-30	
REACTNS	-583.488787	-1.16E-26	19083.477
1.29E-25	-114485.598	-5.16E-26	
TOTAL	1.69E-10	-1.16E-26	1.46E-10
1.29E-25	8.92E-10	-5.16E-26	

COMB ULO15 ----- MAX

	FX	FY	FZ
	MY	MZ	
APPLIED	583.488787	5.61E-30	-19083.477
-6.25E-29	114485.598	-6.56E-30	
REACTNS	-583.488787	-1.14E-26	19083.477
1.27E-25	-114485.598	-4.99E-26	
TOTAL	3.36E-11	-1.14E-26	1.42E-10
1.27E-25	-5.85E-10	-4.99E-26	

COMB ULO15 ----- MIN

	FX	FY	FZ
	MY	MZ	
APPLIED	583.488787	5.61E-30	-19083.477
-6.25E-29	114485.598	-6.56E-30	
REACTNS	-583.488787	-1.14E-26	19083.477
1.27E-25	-114485.598	-4.99E-26	
TOTAL	3.36E-11	-1.14E-26	1.42E-10
1.27E-25	-5.85E-10	-4.99E-26	

COMB ULO16 ----- MAX

	FX	FY	FZ
	MY	MZ	
APPLIED	14.326000	4.49E-30	-15266.781
-5.00E-29	84990.604	-5.24E-30	
REACTNS	-14.326000	-9.77E-27	15266.781
1.09E-25	-84990.604	-4.23E-26	
TOTAL	-6.36E-13	-9.77E-27	1.13E-10
1.09E-25	-7.26E-10	-4.23E-26	

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GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

COMB ULO16 ----- MIN

	FX	FY	FZ
	MY	MZ	
APPLIED	14.326000	4.49E-30	-15266.781
-5.00E-29	84990.604	-5.24E-30	
REACTNS	-14.326000	-9.77E-27	15266.781
1.09E-25	-84990.604	-4.23E-26	
TOTAL	-6.36E-13	-9.77E-27	1.13E-10
1.09E-25	-7.26E-10	-4.23E-26	

COMB ULO17 ----- MAX

	FX	FY	FZ
	MY	MZ	
APPLIED	18.623800	5.83E-30	-25294.349
-6.50E-29	142807.622	-6.82E-30	
REACTNS	-18.623800	-1.63E-26	25294.349
1.81E-25	-142807.622	-7.15E-26	
TOTAL	2.09E-12	-1.63E-26	1.94E-10
1.81E-25	-1.23E-09	-7.15E-26	

COMB ULO17 ----- MIN

	FX	FY	FZ
	MY	MZ	
APPLIED	18.623800	5.83E-30	-25294.349
-6.50E-29	142807.622	-6.82E-30	
REACTNS	-18.623800	-1.63E-26	25294.349
1.81E-25	-142807.622	-7.15E-26	
TOTAL	2.09E-12	-1.63E-26	1.94E-10
1.81E-25	-1.23E-09	-7.15E-26	

COMB ULO18 ----- MAX

	FX	FY	FZ
	MY	MZ	
APPLIED	915.907271	5.38E-30	-18320.138
-6.00E-29	114671.176	-6.29E-30	
REACTNS	-915.907271	-1.05E-26	18320.138
1.17E-25	-114671.176	-4.64E-26	
TOTAL	5.27E-11	-1.05E-26	1.37E-10
1.17E-25	-3.67E-10	-4.64E-26	

COMB ULO18 ----- MIN

	FX	FY	FZ
	MY	MZ	
APPLIED	915.907271	5.38E-30	-18320.138
-6.00E-29	114671.176	-6.29E-30	
REACTNS	-915.907271	-1.05E-26	18320.138
1.17E-25	-114671.176	-4.64E-26	
TOTAL	5.27E-11	-1.05E-26	1.37E-10
1.17E-25	-3.67E-10	-4.64E-26	

COMB UEO01 ----- MAX

	FX	FY	FZ
	MY	MZ	
APPLIED	18.623800	4.49E-30	-24276.163
-5.00E-29	138456.896	-5.24E-30	
REACTNS	-18.623800	-1.57E-26	24276.163
1.75E-25	-138456.896	-6.97E-26	
TOTAL	4.24E-12	-1.57E-26	1.91E-10
1.75E-25	-1.20E-09	-6.97E-26	

Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본체.OUT

: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체 164

GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

COMB UEO01 ----- MIN

	FX	FY	FZ
	MY	MZ	
APPLIED	18.623800	4.49E-30	-24276.163
-5.00E-29	138456.896	-5.24E-30	
REACTNS	-18.623800	-1.57E-26	24276.163
1.75E-25	-138456.896	-6.97E-26	
TOTAL	4.24E-12	-1.57E-26	1.91E-10
1.75E-25	-1.20E-09	-6.97E-26	

COMB UEO02 ----- MAX

	FX	FY	FZ
	MY	MZ	
APPLIED	18.623800	4.49E-30	-15266.781
-5.00E-29	85004.858	-5.24E-30	
REACTNS	-18.623800	-9.77E-27	15266.781
1.09E-25	-85004.858	-4.22E-26	
TOTAL	-5.88E-13	-9.77E-27	1.13E-10
1.09E-25	-7.25E-10	-4.23E-26	

COMB UEO02 ----- MIN

	FX	FY	FZ
	MY	MZ	
APPLIED	18.623800	4.49E-30	-15266.781
-5.00E-29	85004.858	-5.24E-30	
REACTNS	-18.623800	-9.77E-27	15266.781
1.09E-25	-85004.858	-4.22E-26	
TOTAL	-5.88E-13	-9.77E-27	1.13E-10
1.09E-25	-7.25E-10	-4.23E-26	

COMB UEO03 ----- MAX

	FX	FY	FZ
	MY	MZ	
APPLIED	992.232877	4.49E-30	-15266.781
-5.00E-29	98744.181	-5.24E-30	
REACTNS	-992.232877	-8.42E-27	15266.781
9.37E-26	-98744.181	-3.76E-26	
TOTAL	5.73E-11	-8.41E-27	1.15E-10
9.37E-26	-1.79E-10	-3.76E-26	

COMB UEO03 ----- MIN

	FX	FY	FZ
	MY	MZ	
APPLIED	992.232877	4.49E-30	-15266.781
-5.00E-29	98744.181	-5.24E-30	
REACTNS	-992.232877	-8.42E-27	15266.781
9.37E-26	-98744.181	-3.76E-26	
TOTAL	5.73E-11	-8.41E-27	1.15E-10
9.37E-26	-1.79E-10	-3.76E-26	

COMB UEO04 ----- MAX

	FX	FY	FZ
	MY	MZ	
APPLIED	606.828338	4.49E-30	-20714.314
-5.00E-29	125901.933	-5.24E-30	
REACTNS	-606.828338	-1.25E-26	20714.314
1.39E-25	-125901.933	-5.58E-26	
TOTAL	3.81E-11	-1.25E-26	1.61E-10
1.39E-25	-6.79E-10	-5.58E-26	

Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본체.OUT

: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체 165

GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

COMB UEO04 ----- MIN

	FX	FY	FZ
	MY	MZ	
APPLIED	606.828338	4.49E-30	-20714.314
-5.00E-29	125901.933	-5.24E-30	
REACTNS	-606.828338	-1.25E-26	20714.314
1.39E-25	-125901.933	-5.58E-26	
TOTAL	3.81E-11	-1.25E-26	1.61E-10
1.39E-25	-6.79E-10	-5.58E-26	

COMB UEO05 ----- MAX

	FX	FY	FZ
	MY	MZ	
APPLIED	606.828338	4.49E-30	-15266.781
-5.00E-29	93582.096	-5.24E-30	
REACTNS	-606.828338	-8.91E-27	15266.781
9.92E-26	-93582.096	-3.92E-26	
TOTAL	3.51E-11	-8.91E-27	1.14E-10

	FX	FY	FZ
	MY	MZ	
APPLIED	606.828338	4.49E-30	-15266.781
-5.00E-29	93582.096	-5.24E-30	
REACTNS	-606.828338	-8.91E-27	15266.781
9.92E-26	-93582.096	-3.92E-26	
TOTAL	3.51E-11	-8.91E-27	1.14E-10
9.91E-26	-3.90E-10	-3.92E-26	

COMB UEO06 ----- MAX

	FX	FY	FZ
	MY	MZ	
APPLIED	18.623800	4.49E-30	-20714.314
-5.00E-29	117324.695	-5.24E-30	
REACTNS	-18.623800	-1.36E-26	20714.314
1.51E-25	-117324.695	-6.06E-26	
TOTAL	1.44E-10	-1.36E-26	1.64E-10
1.51E-25	5.23E-10	-6.06E-26	

COMB UEO06 ----- MIN

	FX	FY	FZ
	MY	MZ	
APPLIED	18.623800	4.49E-30	-20714.314
-5.00E-29	117324.695	-5.24E-30	
REACTNS	-18.623800	-1.36E-26	20714.314
1.51E-25	-117324.695	-6.06E-26	
TOTAL	1.44E-10	-1.36E-26	1.64E-10
1.51E-25	5.23E-10	-6.06E-26	

COMB UEO07 ----- MAX

	FX	FY	FZ
	MY	MZ	
APPLIED	18.623800	4.49E-30	-20714.314
-5.00E-29	117324.695	-5.24E-30	
REACTNS	-18.623800	-1.34E-26	20714.314
1.49E-25	-117324.695	-5.88E-26	
TOTAL	2.33E-12	-1.34E-26	1.60E-10
1.49E-25	-1.01E-09	-5.88E-26	

Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본체.OUT

: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체 166

GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

COMB UEO07 ----- MIN

	FX	FY	FZ
	MY	MZ	
APPLIED	18.623800	4.49E-30	-20714.314
-5.00E-29	117324.695	-5.24E-30	
REACTNS	-18.623800	-1.34E-26	20714.314
1.49E-25	-117324.695	-5.88E-26	
TOTAL	2.33E-12	-1.34E-26	1.60E-10
1.49E-25	-1.01E-09	-5.88E-26	

COMB UEO08 ----- MAX

COMB	UEO08	-----	MAX
	FX	FY	FZ
MX	MY	MZ	
APPLIED	18.623800	4.49E-30	-15266.781
-5.00E-29	85004.858	-5.24E-30	
REACTNS	-18.623800	-1.00E-26	15266.781
1.11E-25	-85004.858	-4.40E-26	
TOTAL	1.41E-10	-1.00E-26	1.16E-10

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GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN.
IN GLOBAL COORDINATES

COMB UEO16 ----- MIN

MX	FX	FY	FZ
APPLIED	18.623800	4.49E-30	.000000
REACTNS	138456.896	.000000	24276.163
1.75E-25	.000000	.000000	
TOTAL	4.24E-12	.000000	1.91E-10
1.75E-25	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본체.OUT

: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체 171

GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN.
IN GLOBAL COORDINATES

COMB ENVOECC ----- MIN

MX	FX	FY	FZ
APPLIED	18.623800	4.49E-30	-20714.314
REACTNS	117324.695	-5.24E-30	20714.314
1.49E-25	-18.623800	-1.34E-26	-5.88E-26
TOTAL	2.33E-12	-9.77E-27	1.13E-10
1.49E-25	-7.26E-10	-4.23E-26	

COMB UEO17 ----- MAX

MX	FX	FY	FZ
APPLIED	18.623800	4.49E-30	-20714.314
REACTNS	117324.695	-5.24E-30	20714.314
1.49E-25	-18.623800	-1.34E-26	-5.88E-26
TOTAL	2.33E-12	-1.34E-26	1.60E-10
1.49E-25	-1.01E-09	-5.88E-26	

COMB UEO18 ----- MAX

MX	FX	FY	FZ
APPLIED	915.907271	4.04E-30	-13740.103
REACTNS	89188.250	-7.42E-30	13740.103
8.40E-26	-89188.250	-3.37E-26	
TOTAL	5.30E-11	-7.54E-27	1.03E-10
8.39E-26	-1.49E-10	-3.37E-26	

COMB UEO18 ----- MIN

MX	FX	FY	FZ
APPLIED	915.907271	4.04E-30	-13740.103
REACTNS	89188.250	-7.42E-30	13740.103
8.40E-26	-89188.250	-3.37E-26	
TOTAL	5.30E-11	-7.54E-27	1.03E-10
8.39E-26	-1.49E-10	-3.37E-26	

COMB ENVBULT ----- MAX

MX	FX	FY	FZ
APPLIED	.000000	5.83E-30	.000000
REACTNS	163878.052	.000000	28856.197
2.08E-25	3.79E-12	.000000	
TOTAL	3.79E-12	.000000	2.25E-10
2.08E-25	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본체.OUT

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GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN.
IN GLOBAL COORDINATES

COMB ENVBULT ----- MIN

MX	FX	FY	FZ
APPLIED	.000000	.000000	-28856.197
REACTNS	.000000	-1.87E-26	.000000
.000000	-163878.052	-8.23E-26	
TOTAL	.000000	-1.86E-26	.000000
.000000	-1.42E-09	-8.23E-26	

COMB ENVBECC ----- MAX

MX	FX	FY	FZ
APPLIED	.000000	4.49E-30	.000000
REACTNS	138395.126	.000000	24276.163
1.75E-25	4.03E-12	.000000	
TOTAL	4.03E-12	.000000	1.91E-10
1.75E-25	.000000	.000000	

COMB ENVBECC ----- MIN

MX	FX	FY	FZ
APPLIED	.000000	.000000	-24276.163
REACTNS	.000000	-5.24E-30	.000000
.000000	-7.96E-13	-6.97E-26	
TOTAL	-7.96E-13	-1.57E-26	.000000
.000000	-1.20E-09	-6.97E-26	

COMB ENVOULT ----- MAX

MX	FX	FY	FZ
APPLIED	18.623800	5.83E-30	.000000
REACTNS	163939.823	.000000	28856.197
2.08E-25	.000000	.000000	
TOTAL	4.00E-12	.000000	2.25E-10
2.08E-25	.000000	.000000	

COMB ENVOULT ----- MIN

MX	FX	FY	FZ
APPLIED	.000000	.000000	-28856.197
REACTNS	.000000	-6.82E-30	.000000
.000000	-18.623800	-1.87E-26	
TOTAL	.000000	-1.86E-26	.000000
.000000	-1.42E-09	-8.23E-26	

COMB ENVOECC ----- MAX

MX	FX	FY	FZ
APPLIED	18.623800	4.49E-30	.000000
REACTNS	138456.896	.000000	24276.163
1.75E-25	.000000	.000000	
TOTAL	4.24E-12	.000000	1.91E-10
1.75E-25	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본체.OUT

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GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN.
IN GLOBAL COORDINATES

COMB ENVOECC ----- MIN

MX	FX	FY	FZ
APPLIED	.000000	.000000	-24276.163
REACTNS	.000000	-5.24E-30	.000000
.000000	-18.623800	-1.57E-26	
TOTAL	-5.88E-13	-1.57E-26	.000000
.000000	-1.20E-09	-6.97E-26	

Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본체.OUT

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FRAME ELEMENT INTERNAL FORCES

ELEM 1 ----- LENGTH = 1.800000

LOAD D -----

REL DIST	T	P	M2	M3	V2	V3
.000000	.000000	.000000	3.64E-12	.000000		
.000000	4.04E-28	.000000				
.025000	.000000	.000000	56.784375	.000000	-6.88E-15	
.000000	1.53E-15	-12.618281			-1.43E-14	
.050000	.000000	.000000	117.787500	.000000		
.000000	6.27E-15	-51.738750			-2.22E-14	
.075000	.000000	.000000	183.009375	.000000		
.000000	1.44E-14	-119.259844			-3.06E-14	
.100000	.000000	.000000	252.450000	.000000		
.000000	2.63E-14	-217.080000				

LOAD L1 -----

REL DIST	T	P	M2	M3	V2	V3
.000000	.000000	.000000	.000000	.000000		
.000000	1.01E-28	.000000				
.025000	.000000	.000000	.000000	.000000		
.000000	1.01E-28	.000000				
.050000	.000000	.000000	.000000	.000000		
.075000	.000000	.000000	.000000	.000000		
.000000	1.01E-28	.000000				
.100000	.000000	.000000	.000000	.000000		
.000000	1.01E-28	.000000				

LOAD W-LO -----

REL DIST	T	P	M2	M3	V2	V3
.000000	.000000	.000000	-4.04E-28	.000000	-3.64E-12	
.000000	-1.82E-12	-2.02E-28				
.025000	.000000	.000000	3.30E-16	.000000	2.725650	
.000000	-0.605678	-7.34E-17				
.050000	.000000	.000000	6.85E-16	.000000	5.653800	
.000000	-2.483460	-3.01E-16				
.075000	.000000	.000000	1.06E-15	.000000	8.784450	
.000000	-5.724472	-6.93E-16				
.100000	.000000	.000000	1.47E-15	.000000	12.117600	
.000000	-10.419840	-1.26E-15				

LOAD G-LO2 -----

REL DIST	T	P	M2	M3	V2	V3
.000000	.000000	.000000	.000000	.000000		
.000000	1.46E-11	.000000				
.025000	.000000	.000000	.000000	.000000		
.000000	1.46E-11	.000000				
.050000	.000000	.000000	.000000	.000000		
.075000	.000000	.000000	.000000	.000000		
.000000	1.46E-11	.000000				
.100000	.000000	.000000	.000000	.000000		
.000000	1.46E-11	.000000				

LOAD E-LO -----

REL DIST	T	P	M2	M3	V2	V3
.000000	.000000	.000000	.000000	.000000		
.000000	.000000	.000000	.000000	.000000		
.025000	.000000	.000000	.000000	.000000		
.000000	.000000	.000000	.000000	.000000		
.050000	.000000	.000000	.000000	.000000		
.075000	.000000	.000000	.000000	.000000		
.000000	.000000	.000000	.000000	.000000		
.100000	.000000	.000000	.000000	.000000		
.000000	.000000	.000000	.000000	.000000		

LOAD W-TR -----

REL DIST	T	P	M2	M3	V2	V3
.000000	.000000	.000000	.000000	.000000		
.000000	-19.080000	1.82E-12			-2.02E-28	
.025000	.000000	-4.04E-28	4.55E-13	.000000		
.000000	-19.080000	1.82E-12			-2.02E-28	
.050000	.000000	-3.13E-28	-3.64E-13	.000000		
.075000	.000000	-19.080000	1.82E-12	.000000		
.000000	-2.22E-28	-1.18E-12			-2.02E-28	
Program	SAP2000	Nonlinear	Version 7.42			
File:	청도1교상행_P9_본체	OUT				

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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3

REL DIST	T	P	M2	M3	V2	V3
.075000	.000000	-19.080000	1.82E-12	.000000		
.000000	-1.31E-28	-2.02E-12				
.100000	.000000	-19.080000	1.82E-12	.000000		
.000000	-4.04E-29	-2.82E-12				

LOAD WL -----

REL DIST T P M2 M3 V2 V3

REL DIST	T	P	M2	M3	V2	V3
.000000	.000000	.000000	-2.27E-13	.000000	2.52E-29	
.000000	.000000	.000000	-1.14E-13	.000000		
.025000	.000000	.000000	-2.27E-13	.000000	2.52E-29	
.000000	-1.14E-29	-1.14E-14				
.050000	.000000	.000000	-2.27E-13	.000000	2.52E-29	
.000000	-2.27E-29	9.09E-14				
.075000	.000000	.000000	-2.27E-13	.000000	2.52E-29	
.000000	-3.41E-29	1.93E-13				
.100000	.000000	.000000	-2.27E-13	.000000	2.52E-29	
.000000	-4.54E-29	2.96E-13				

LOAD G-TR -----

REL DIST	T	P	M2	M3	V2	V3
.000000	.000000	.000000	-1.14E-13	.000000		
.000000	1.89E-29	-5.68E-14				
.025000	.000000	.000000	-1.14E-13	.000000		
.000000	1.89E-29	-5.68E-15				
.050000	.000000	.000000	-1.14E-13	.000000		
.000000	1.89E-29	4.55E-14				
.075000	.000000	.000000	-1.14E-13	.000000		
.000000	1.89E-29	9.66E-14				
.100000	.000000	.000000	-1.14E-13	.000000		
.000000	1.89E-29	1.48E-13				

LOAD E-TR -----

REL DIST	T	P	M2	M3	V2	V3
.000000	.000000	.000000	.000000	.000000		
.000000	.000000	.000000	.000000	.000000		
.025000	.000000	.000000	.000000	.000000		
.000000	.000000	.000000	.000000	.000000		
.050000	.000000	.000000	.000000	.000000		
.000000	.000000	.000000	.000000	.000000		
.075000	.000000	.000000	.000000	.000000		
.000000	.000000	.000000	.000000	.000000		
.100000	.000000	.000000	.000000	.000000		
.000000	.00					

COMB SVB08-----MAX										COMB SVB12-----MIN										COMB ULB02-----MAX										REL DIST T M2 M3 V2 V3									
REL DIST T M2 M3 V2 V3										REL DIST T M2 M3 V2 V3										REL DIST T M2 M3 V2 V3										REL DIST T M2 M3 V2 V3									
0.00000 3.64E-12 0.00000										0.00000 -2.862236 -119.259844 6.058800										0.00000 8.15E-15 -67.260375 0.75000 0.00000 237.912188 -2.88E-14										REL DIST T M2 M3 V2 V3									
0.25000 0.00000 56.784375 -6.88E-15										0.00000 0.00000 252.450000										0.00000 1.88E-14 -155.037797 -3.97E-14										0.00000 0.00000 4.73E-12 0.00000									
0.00000 1.53E-15 -12.618281										0.00000 1.36E-11 -1.01E-28										0.00000 0.00000 328.185000 -3.97E-14										0.00000 1.89E-11 0.00000 -8.94E-15									
0.50000 0.00000 117.787500 -1.43E-14										0.00000 0.00000 56.784375 1.362825										0.00000 0.00000 73.819688 -8.94E-15										0.00000 1.89E-11 0.00000 -8.94E-15									
0.75000 6.27E-15 -51.738750										0.00000 -0.302839 -12.618281 2.826900										0.25000 5.25E-28 0.00000 73.819688 -8.94E-15										0.00000 1.89E-11 -16.403766 -8.94E-15									
0.00000 0.00000 183.009375 -2.22E-14										0.50000 0.00000 117.787500 2.826900										0.00000 1.99E-15 -16.403766 -8.94E-15										0.50000 0.00000 153.123750 -1.85E-14									
0.00000 1.44E-14 -119.259844										0.75000 0.00000 183.009375 4.392225										0.50000 0.00000 153.123750 -1.85E-14										0.00000 1.89E-11 -155.037797 -3.97E-14									
1.00000 0.00000 252.450000 -3.06E-14										0.00000 -2.862236 -119.259844 6.058800										0.75000 0.00000 237.912188 -2.88E-14										1.00000 1.89E-11 -155.037797 -3.97E-14									
0.00000 2.63E-14 -217.080000										1.00000 0.00000 252.450000 6.058800										0.00000 3.42E-14 -282.204000 -3.97E-14										0.00000 1.90E-11 -282.204000 -3.97E-14									
COMB SVB09-----MAX										COMB SVB13-----MIN										COMB ULB03-----MAX										REL DIST T M2 M3 V2 V3									
REL DIST T M2 M3 V2 V3										REL DIST T M2 M3 V2 V3										REL DIST T M2 M3 V2 V3										REL DIST T M2 M3 V2 V3									
0.00000 3.64E-12 0.00000										0.00000 0.00000 3.64E-12 -1.82E-12										0.00000 0.00000 4.73E-12 -4.73E-12										REL DIST T M2 M3 V2 V3									
0.25000 0.00000 56.784375 -6.88E-15										0.00000 0.00000 56.784375 1.362825										0.25000 -2.36E-12 -2.63E-28 3.543345										0.00000 6.56E-28 0.00000 73.819688 -8.94E-15									
0.00000 1.46E-11 0.00000										0.00000 -9.09E-13 -1.01E-28										0.00000 -0.787381 -16.403766 7.349940										0.00000 1.99E-15 -16.403766 -8.94E-15									
0.50000 0.00000 117.787500 -1.43E-14										0.25000 0.00000 56.784375 1.362825										0.75000 0.00000 153.123750 7.349940										0.00000 1.99E-15 -16.403766 -8.94E-15									
0.75000 6.27E-15 -51.738750										0.00000 -0.302839 -12.618281 2.826900										0.00000 -3.228498 -67.260375 11.419785										0.50000 0.00000 153.123750 -1.85E-14									
0.00000 0.00000 183.009375 -2.22E-14										0.50000 0.00000 117.787500 2.826900										0.00000 -7.441814 -155.037797 15.752880										0.75000 0.00000 237.912188 -2.88E-14									
0.00000 1.46E-11 -119.259844										0.75000 0.00000 183.009375 4.392225										0.00000 13.545792 -282.204000 15.752880										0.00000 1.88E-14 -155.037797 -3.97E-14									
1.00000 0.00000 252.450000 -3.06E-14										0.00000 -2.862236 -119.259844 6.058800										COMB ULB03-----MIN										REL DIST T M2 M3 V2 V3									
0.00000 2.63E-14 -217.080000										1.00000 0.00000 252.450000 6.058800										REL DIST T M2 M3 V2 V3										REL DIST T M2 M3 V2 V3									
COMB SVB10-----MAX										COMB SVB14-----MAX										COMB ULB04-----MAX										REL DIST T M2 M3 V2 V3									
REL DIST T M2 M3 V2 V3										REL DIST T M2 M3 V2 V3										REL DIST T M2 M3 V2 V3										REL DIST T M2 M3 V2 V3									
0.00000 3.64E-12 0.00000										0.00000 0.00000 3.64E-12 -1.82E-12										0.00000 -2.36E-12 -2.63E-28 3.543345										0.00000 6.56E-28 0.00000 73.819688 -8.94E-15									
0.25000 0.00000 56.784375 -6.88E-15										0.00000 0.00000 56.784375 1.362825										0.00000 -0.787381 -16.403766 7.349940										0.00000 1.89E-11 0.00000 -8.94E-15									
0.00000 1.53E-15 -12.618281										0.00000 -9.09E-13 -1.01E-28										0.00000 -3.228498 -67.260375 11.419785										0.00000 1.89E-11 -16.403766 -8.94E-15									
0.50000 0.00000 117.787500 -1.43E-14										0.25000 0.00000 56.784375 1.362825																													

COMB	ULB11	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	4.55E-12	-4.55E-12
.000000	-2.27E-12	-2.52E-28	
0.25000	.000000	70.980469	3.407062
.000000	-0.378548	-15.772852	
0.50000	.000000	147.234375	7.067250
.000000	-1.552162	-64.673438	
0.75000	.000000	228.761719	10.980562
.000000	-3.104325	-64.673438	
1.00000	.000000	315.562500	15.147000
.000000	-7.155591	-149.074805	
.000000	-13.024800	-271.350000	

COMB	ULB11	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	4.55E-12	-4.55E-12
.000000	-2.27E-12	-2.52E-28	
0.25000	.000000	70.980469	3.407062
.000000	-0.378548	-15.772852	
0.50000	.000000	147.234375	7.067250
.000000	-1.552162	-64.673438	
0.75000	.000000	228.761719	10.980562
.000000	-3.104325	-64.673438	
1.00000	.000000	315.562500	15.147000
.000000	-7.155591	-149.074805	
.000000	-13.024800	-271.350000	

COMB	ULB12	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	4.55E-12	-2.27E-12
.000000	1.71E-11	-1.26E-28	
0.25000	.000000	70.980469	1.703531
.000000	-0.378548	-15.772852	
0.50000	.000000	147.234375	3.533625
.000000	-1.552162	-64.673438	
0.75000	.000000	228.761719	5.490281
.000000	-3.577795	-149.074805	
1.00000	.000000	315.562500	7.573500
.000000	-6.512400	-271.350000	

COMB	ULB12	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	4.55E-12	-2.27E-12
.000000	1.71E-11	-1.26E-28	
0.25000	.000000	70.980469	1.703531
.000000	-0.378548	-15.772852	
0.50000	.000000	147.234375	3.533625
.000000	-1.552162	-64.673438	
0.75000	.000000	228.761719	5.490281
.000000	-3.577795	-149.074805	
1.00000	.000000	315.562500	7.573500
.000000	-6.512400	-271.350000	
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COMB	ULB13	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	4.55E-12	-2.27E-12
.000000	-1.14E-12	-1.26E-28	
0.25000	.000000	70.980469	1.703531
.000000	-0.378548	-15.772852	
0.50000	.000000	147.234375	3.533625
.000000	-1.552162	-64.673438	
0.75000	.000000	228.761719	5.490281
.000000	-3.577795	-149.074805	
1.00000	.000000	315.562500	7.573500
.000000	-6.512400	-271.350000	

COMB	ULB13	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	4.55E-12	-2.27E-12
.000000	-1.14E-12	-1.26E-28	
0.25000	.000000	70.980469	1.703531
.000000	-0.378548	-15.772852	
0.50000	.000000	147.234375	3.533625
.000000	-1.552162	-64.673438	
0.75000	.000000	228.761719	5.490281
.000000	-3.577795	-149.074805	
1.00000	.000000	315.562500	7.573500
.000000	-6.512400	-271.350000	

COMB	ULB14	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	4.55E-12	-2.27E-12
.000000	1.71E-11	-1.26E-28	
0.25000	.000000	70.980469	1.703531
.000000	-0.378548	-15.772852	
0.50000	.000000	147.234375	3.533625
.000000	-1.552162	-64.673438	
0.75000	.000000	228.761719	5.490281
.000000	-3.577795	-149.074805	
1.00000	.000000	315.562500	7.573500
.000000	-6.512400	-271.350000	

COMB	ULB14	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	4.55E-12	-2.27E-12
.000000	1.71E-11	-1.26E-28	
0.25000	.000000	70.980469	1.703531
.000000	-0.378548	-15.772852	
0.50000	.000000	147.234375	3.533625
.000000	-1.552162	-64.673438	
0.75000	.000000	228.761719	5.490281
.000000	-3.577795	-149.074805	
1.00000	.000000	315.562500	7.573500
.000000	-6.512400	-271.350000	

COMB	ULB15	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	4.55E-12	-2.27E-12
.000000	-1.14E-12	-1.26E-28	

0.25000	.000000	70.980469	1.703531
.000000	-0.378548	-15.772852	
0.50000	.000000	147.234375	3.533625
.000000	-1.552162	-64.673438	
0.75000	.000000	228.761719	5.490281
.000000	-3.577795	-149.074805	
1.00000	.000000	315.562500	7.573500
.000000	-6.512400	-271.350000	
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COMB	ULB16	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	3.64E-12	.000000
.000000	4.04E-28	.000000	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB	ULB16	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	3.64E-12	.000000
.000000	4.04E-28	.000000	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB	ULB17	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	4.73E-12	.000000
.000000	6.56E-28	.000000	
0.25000	.000000	73.819688	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912188	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB	ULB17	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	4.73E-12	.000000
.000000	6.56E-28	.000000	
0.25000	.000000	73.819688	-8.94E-15
.000000	1.99E-15	-16.403766	
0.50000	.000000	153.123750	-1.85E-14
.000000	8.15E-15	-67.260375	
0.75000	.000000	237.912188	-2.88E-14
.000000	1.88E-14	-155.037797	
1.00000	.000000	328.185000	-3.97E-14
.000000	3.42E-14	-282.204000	

COMB	ULB18	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	4.37E-12	-4.37E-12
.000000	-2.18E-12	-2.42E-28	
0.25000	.000000	68.141250	3.270780
.000000	-0.726813	-15.141938	
0.50000	.000000	132.904000	6.784560
.000000	-2.980152	-62.086500	
0.75000	.000000	219.611250	10.541340
.000000	-6.869367	-143.111813	
1.00000	.000000	302.940000	14.541120
.000000	-12.503808	-260.496000	

COMB	ULB18	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	4.37E-12	-4.37E-12
.000000	-2.18E-12	-2.42E-28	
0.25000	.000000	68.141250	3.270780
.000000	-0.726813	-15.141938	
0.50000	.000000	131.345000	6.784560
.000000	-2.980152	-62.086500	
0.75000	.000000	219.611250	10.541340
.000000	-6.869367	-143.111813	
1.00000	.000000	302.940000	14.541120
.000000	-12.503808	-260.496000	
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COMB	UEB01	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	3.64E-12	.000000
.000000	6.21E-28	.000000	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB	UEB01	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	3.64E-12	.000000
.000000	6.21E-28	.000000	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

COMB	UEB02	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	3.64E-12	.000000
.000000	6.21E-28	.000000	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14
.000000	2.63E-14	-217.080000	

0.00000	.000000	3.64E-12	.000000
.000000	4.04E-28	.000000	
0.25000	.000000	56.784375	-6.88E-15
.000000	1.53E-15	-12.618281	
0.50000	.000000	117.787500	-1.43E-14
.000000	6.27E-15	-51.738750	
0.75000	.000000	183.009375	-2.22E-14
.000000	1.44E-14	-119.259844	
1.00000	.000000	252.450000	-3.06E-14

0.000									
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COMB ULO15 ----- MAX					0.00000	0.00000	252.450000	-3.06E-14	0.00000	0.00000	3.49E-12	2.56E-31	REL DIST	T	P	M2	V2	V3			
REL DIST	T	P	M2	V2	COMB	UEO01	----- MIN							0.00000	5.60E-28	-7.51E-14	-6.88E-15	0.00000	-23.850000	5.59E-12	-2.52E-28
0.00000	-11.925000	5.40E-12		-9.44E-29	REL DIST	T	P	M2	M3	V3	0.00000	0.00000	56.784375		0.25000	-23.850000	53.945156		-6.53E-15		
0.25000	-11.925000	70.980469		-8.60E-15	0.00000	6.21E-28	-1.15E-15		2.56E-31	0.00000	0.00000	56.784375		0.50000	-23.850000	117.787500		-1.43E-14			
0.00000	-11.925000	147.234375		-1.78E-14	0.25000	0.00000	56.784375		-6.88E-15	0.00000	1.53E-15	-12.618281		0.75000	-23.850000	183.009375		-2.22E-14			
0.00000	-11.925000	228.761719		-2.77E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	183.009375		-2.22E-14			
0.00000	-11.925000	315.562500		-3.82E-14	0.75000	0.00000	183.009375		-2.22E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.00000	3.29E-14	-271.350000			1.00000	0.00000	252.450000		-3.06E-14	0.00000	2.63E-14	-217.080000		COMB UEO06 ----- MIN							
COMB ULO15 ----- MIN					COMB	UEO02	----- MAX							0.00000	5.60E-28	-7.51E-14	-6.88E-15	0.00000	-23.850000	5.73E-12	-2.52E-28
REL DIST	T	P	M2	V2	REL DIST	T	P	M2	M3	V3	0.00000	0.00000	56.784375		0.25000	-23.850000	53.945156		-6.53E-15		
0.00000	-11.925000	5.40E-12		-9.44E-29	0.00000	4.04E-28	-1.15E-15		2.56E-31	0.00000	0.00000	56.784375		0.50000	-23.850000	117.787500		-1.43E-14			
0.25000	-11.925000	70.980469		-8.60E-15	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.75000	-23.850000	183.009375		-2.22E-14			
0.00000	-11.925000	147.234375		-1.78E-14	0.25000	0.00000	56.784375		-6.88E-15	0.00000	1.53E-15	-12.618281		0.00000	0.00000	183.009375		-2.22E-14			
0.00000	-11.925000	228.761719		-2.77E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.00000	-11.925000	315.562500		-3.82E-14	0.75000	0.00000	183.009375		-2.22E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.00000	3.29E-14	-271.350000			1.00000	0.00000	252.450000		-3.06E-14	0.00000	2.63E-14	-217.080000		COMB UEO03 ----- MAX							
Program SAP2000 Nonlinear Version 7.42	File:청도1교상행_P9_본세.OUT				REL DIST	T	P	M2	M3	V3	0.00000	0.00000	56.784375		0.25000	-23.850000	53.945156		-6.53E-15		
File:청도1교상행_P9_본세.OUT					0.00000	4.04E-28	-1.15E-15		2.56E-31	0.00000	0.00000	56.784375		0.50000	-23.850000	117.787500		-1.43E-14			
AAbutPier SAP2000 6-7 데이트파일 : 교각 본세 201					REL DIST	T	P	M2	M3	V3	0.00000	6.27E-15	-51.738750		0.75000	-23.850000	183.009375		-2.22E-14		
F R A M E E L E M E N T I N T E R N A L F O R C E S					0.00000	4.04E-28	-8.88E-16		-6.88E-15	0.00000	1.44E-14	-119.259844		0.00000	0.00000	183.009375		-2.22E-14			
COMB ULO16 ----- MAX	0.00000	1.53E-15	-12.618281		0.25000	0.00000	56.784375		-6.88E-15	0.00000	1.53E-15	-12.618281		0.75000	-23.850000	183.009375		-2.22E-14			
REL DIST	T	P	M2	V2	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.00000	0.00000	3.64E-12		1.97E-31	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.25000	0.00000	56.784375		-6.88E-15	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.00000	0.00000	117.787500		-1.43E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.75000	0.00000	183.009375		-2.22E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
1.00000	0.00000	252.450000		-3.06E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.00000	2.63E-14	-217.080000			0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
COMB ULO16 ----- MIN					COMB	UEO03	----- MAX							REL DIST	T	P	M2	V2	V3		
REL DIST	T	P	M2	V2	REL DIST	T	P	M2	M3	V3	0.00000	0.00000	56.784375		0.25000	-23.850000	53.945156		-6.53E-15		
0.00000	0.00000	3.64E-12		1.97E-31	0.00000	4.04E-28	-1.15E-15		2.56E-31	0.00000	0.00000	56.784375		0.50000	-23.850000	117.787500		-1.43E-14			
0.25000	0.00000	56.784375		-6.88E-15	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.75000	-23.850000	183.009375		-2.22E-14			
0.00000	0.00000	117.787500		-1.43E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.75000	0.00000	183.009375		-2.22E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
1.00000	0.00000	252.450000		-3.06E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.00000	2.63E-14	-217.080000			0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
COMB ULO17 ----- MAX					COMB	UEO04	----- MIN							REL DIST	T	P	M2	V2	V3		
REL DIST	T	P	M2	V2	REL DIST	T	P	M2	M3	V3	0.00000	0.00000	56.784375		0.25000	-23.850000	53.945156		-6.53E-15		
0.00000	0.00000	4.73E-12		2.56E-31	0.00000	4.04E-28	-1.15E-15		2.56E-31	0.00000	0.00000	56.784375		0.50000	-23.850000	117.787500		-1.43E-14			
0.25000	0.00000	73.819688		-8.94E-15	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.75000	-23.850000	183.009375		-2.22E-14			
0.00000	0.00000	153.123750		-1.85E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.00000	0.00000	237.912188		-2.88E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.75000	0.00000	328.185000		-3.97E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.00000	3.42E-14	-282.204000			0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
COMB ULO18 ----- MIN					COMB	UEO05	----- MAX							REL DIST	T	P	M2	V2	V3		
REL DIST	T	P	M2	V2	REL DIST	T	P	M2	M3	V3	0.00000	0.00000	56.784375		0.25000	-23.850000	53.945156		-6.53E-15		
0.00000	0.00000	4.73E-12		2.56E-31	0.00000	4.04E-28	-1.15E-15		2.56E-31	0.00000	0.00000	56.784375		0.50000	-23.850000	117.787500		-1.43E-14			
0.25000	0.00000	73.819688		-8.94E-15	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.75000	-23.850000	183.009375		-2.22E-14			
0.00000	0.00000	153.123750		-1.85E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.00000	0.00000	237.912188		-2.88E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.75000	0.00000	328.185000		-3.97E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.00000	3.42E-14	-282.204000			0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
COMB ULO19 ----- MAX					COMB	UEO06	----- MIN							REL DIST	T	P	M2	V2	V3		
REL DIST	T	P	M2	V2	REL DIST	T	P	M2	M3	V3	0.00000	0.00000	56.784375		0.25000	-23.850000	53.945156		-6.53E-15		
0.00000	0.00000	4.73E-12		2.56E-31	0.00000	4.04E-28	-1.15E-15		2.56E-31	0.00000	0.00000	56.784375		0.50000	-23.850000	117.787500		-1.43E-14			
0.25000	0.00000	73.819688		-8.94E-15	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.75000	-23.850000	183.009375		-2.22E-14			
0.00000	0.00000	153.123750		-1.85E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.00000	0.00000	237.912188		-2.88E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.75000	0.00000	328.185000		-3.97E-14	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
0.00000	3.42E-14	-282.204000			0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.00000	0.00000	252.450000		-3.06E-14			
COMB ULO20 ----- MIN					COMB	UEO07	----- MAX							REL DIST	T	P	M2	V2	V3		
REL DIST	T	P	M2	V2	REL DIST	T	P	M2	M3	V3	0.00000	0.00000	56.784375		0.25000	-23.850000	53.945156		-6.53E-15		
0.00000	0.00000	4.73E-12		2.56E-31	0.00000	4.04E-28	-1.15E-15		2.56E-31	0.00000	0.00000	56.784375		0.50000	-23.850000	117.787500		-1.43E-14			
0.25000	0.00000	73.819688		-8.94E-15	0.00000	6.27E-15	-51.738750		-1.43E-14	0.00000	1.44E-14	-119.259844		0.75000	-23.850000	183.009375		-2.22E-14			
0.00000	0.00000																				

[illegible]

F R A M E E L E M E N T I N T E R N A L F O R C E S					T M2 M3 7.573500					REL DIST T M2 M3 V2 V3					0.50000 .000000 262.387500 8.186490				
COMB ULB09 ----- MAX					0.00000 -6.512400 -271.350000 7.722562					0.00000 T M2 M3 14.541120					0.00000 -7.274863 -233.168672 8.341515				
REL DIST T M2 M3 V2 V3					0.00000 0.00000 302.940000 14.827320					0.00000 -12.503808 -260.496000 15.113520					0.00000 0.00000 262.387500 8.186490				
0.00000 .000000 328.185000 -3.97E-14					0.00000 0.00000 308.902500 15.113520					0.00000 -12.962690 -270.056039 15.113520					COMB UEB05 ----- MAX				
0.00000 3.42E-14 -282.204000 -4.05E-14					0.00000 0.00000 314.865000 15.399720					0.00000 -13.907285 -289.735102 15.399720					REL DIST T M2 M3 V2 V3				
0.00000 3.54E-14 -292.560709 -4.13E-14					0.00000 0.00000 320.927500 15.685920					0.00000 -14.392998 -299.854125 15.685920					0.00000 0.00000 252.450000 7.876440				
0.00000 3.67E-14 -303.119273 -4.21E-14					0.00000 0.00000 314.865000 15.113520					0.00000 -7.274863 -233.168672 8.341515					0.00000 -7.533113 -241.445918 8.186490				
0.00000 3.80E-14 -313.879693 -4.29E-14					0.00000 0.00000 326.790000 15.685920					0.00000 0.00000 267.356250 8.341515					0.00000 -7.796207 -249.878437 8.496540				
0.00000 3.93E-14 -324.841969					0.00000 -14.392998 -299.854125					COMB UEB05 ----- MIN					REL DIST T M2 M3 V2 V3				
COMB ULB09 ----- MIN					REL DIST T M2 M3 V2 V3					0.00000 0.00000 252.450000 7.876440					0.00000 -6.772896 -217.080000 8.031465				
REL DIST T M2 M3 V2 V3					0.00000 -6.512400 -271.350000 7.722562					0.00000 0.00000 257.418750 -3.06E-14					0.00000 -7.021457 -225.046699 8.186490				
0.00000 0.00000 328.185000 -3.97E-14					0.00000 0.00000 321.773438 7.871625					0.00000 0.00000 262.387500 -3.12E-14					0.00000 -7.274863 -233.168672 8.341515				
0.00000 3.42E-14 -282.204000 -4.05E-14					0.00000 0.00000 334.195313 8.020687					0.00000 2.82E-14 -233.168672 -3.24E-14					0.00000 -7.533113 -241.445918 8.186490				
0.00000 3.54E-14 -292.560709 -4.13E-14					0.00000 0.00000 340.406250 8.169750					0.00000 2.92E-14 -241.445918 -3.30E-14					0.00000 -7.796207 -249.878437 8.496540				
0.00000 3.67E-14 -303.119273 -4.21E-14					0.00000 -6.995060 -291.460840 8.169750					0.00000 3.03E-14 -249.878437					Program SAP2000 Nonlinear Version 7.42				
0.00000 3.80E-14 -313.879693 -4.29E-14					0.00000 0.00000 314.865000 15.113520					COMB UEB01 ----- MAX					REL DIST T M2 M3 V2 V3				
0.00000 3.93E-14 -324.841969					0.00000 0.00000 252.450000 -3.06E-14					0.00000 2.63E-14 -217.080000 -3.12E-14					0.00000 0.00000 257.418750 -3.18E-14				
COMB ULB10 ----- MAX					0.00000 0.00000 262.387500 -3.12E-14					0.00000 2.73E-14 -225.046699 -3.18E-14					0.00000 2.82E-14 -233.168672 -3.24E-14				
REL DIST T M2 M3 V2 V3					0.00000 0.00000 267.356250 -3.24E-14					0.00000 2.92E-14 -241.445918 -3.30E-14					0.00000 3.03E-14 -249.878437				
0.00000 0.00000 315.562500 15.147000					0.00000 2.63E-14 -217.080000 -3.12E-14					COMB UEB02 ----- MAX					REL DIST T M2 M3 V2 V3				
0.00000 -13.024800 -271.350000 15.445125					0.00000 0.00000 252.450000 -3.06E-14					0.00000 2.63E-14 -217.080000 -3.12E-14					0.00000 0.00000 252.450000 -3.06E-14				
0.00000 0.00000 321.773438 15.445125					0.00000 0.00000 257.418750 -3.12E-14					0.00000 2.73E-14 -225.046699 -3.18E-14					0.00000 0.00000 257.418750 -3.12E-14				
0.00000 -13.502802 -281.308374 15.743250					0.00000 0.00000 262.387500 -3.18E-14					0.00000 2.82E-14 -233.168672 -3.24E-14					0.00000 0.00000 262.387500 -3.18E-14				
0.00000 0.00000 327.984375 15.743250					0.00000 0.00000 267.356250 -3.24E-14					0.00000 2.92E-14 -241.445918 -3.30E-14					0.00000 3.03E-14 -249.878437				
0.00000 -13.990120 -291.460840 16.041375					0.00000 2.73E-14 -225.046699 -3.18E-14					COMB UEB06 ----- MIN					REL DIST T M2 M3 V2 V3				
0.00000 3.42E-14 -282.204000 -4.05E-14					0.00000 0.00000 262.387500 -3.12E-14					0.00000 0.00000 252.450000 -3.06E-14					0.00000 -3.78E-11 -217.080000 -3.06E-14				
0.00000 3.54E-14 -292.560709 -4.13E-14					0.00000 0.00000 267.356250 -3.24E-14					0.00000 -3.78E-11 -225.046699 -3.12E-14					0.00000 0.00000 257.418750 -3.12E-14				
0.00000 3.67E-14 -303.119273 -4.21E-14					0.00000 0.00000 272.325000 -3.30E-14					0.00000 -3.78E-11 -233.168672 -3.18E-14					0.00000 0.00000 262.387500 -3.18E-14				
0.00000 3.80E-14 -313.879693 -4.29E-14					0.00000 3.03E-14 -249.878437					0.00000 2.82E-14 -233.168672 -3.24E-14					0.00000 0.00000 267.356250 -3.24E-14				
0.00000 3.93E-14 -324.841969					0.00000 2.92E-14 -241.445918 -3.30E-14					0.00000 3.03E-14 -249.878437					0.00000 2.92E-14 -241.445918 -3.30E-14				
COMB ULB11 ----- MAX					0.00000 3.03E-14 -249.878437					COMB UEB07 ----- MAX					REL DIST T M2 M3 V2 V3				
REL DIST T M2 M3 V2 V3					0.00000 0.00000 252.450000 -3.06E-14					0.00000 2.63E-14 -217.080000 -3.12E-14					0.00000 0.00000 252.450000 -3.06E-14				
0.00000 0.00000 315.562500 15.147000					0.00000 0.00000 257.418750 -3.12E-14					0.00000 2.73E-14 -225.046699 -3.18E-14					0.00000 0.00000 257.418750 -3.12E-14				
0.00000 -13.024800 -271.350000 15.445125					0.00000 0.00000 262.387500 -3.18E-14					0.00000 2.82E-14 -233.168672 -3.24E-14					0.00000 0.00000 262.387500 -3.18E-14				
0.00000 0.00000 321.773438 15.445125					0.00000 0.00000 267.356250 -3.24E-14					0.00000 2.92E-14 -241.445918 -3.30E-14					0.00000 3.03E-14 -249.878437				
0.00000 -13.502802 -281.308374 15.743250					0.00000 2.73E-14 -225.046699 -3.18E-14					COMB UEB08 ----- MIN					REL DIST T M2 M3 V2 V3				
0.00000 0.00000 327.984375 15.743250					0.00000 0.00000 262.387500 -3.12E-14					0.00000 0.00000 252.450000 -3.06E-14					0.00000 -3.78E-11 -217.080000 -3.12E-14				
0.00000 -13.990120 -291.460840 16.041375					0.00000 0.00000 267.356250 -3.24E-14					0.00000 -3.78E-11 -225.046699 -3.18E-14					0.00000 0.00000 257.418750 -3.12E-14				
0.00000 3.42E-14 -282.204000 -4.05E-14					0.00000 0.00000 272.325000 -3.30E-14					0.00000 -3.78E-11 -233.168672 -3.18E-14					0.00000 0.00000 262.387500 -3.18E-14				
0.00000 3.54E-14 -292.560709 -4.13E-14																			

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: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체

F R A M E E L E M E N T I N T E R N A L F O R C E S					T M2 M3 7.573500					REL DIST T M2 M3 V2 V3					0.50000 .000000 262.387500 8.186490				
COMB ULB12 ----- MAX					0.00000 -6.512400 -271.350000 7.722562					0.00000 T M2 M3 14.541120					0.00000 -7.274863 -233.168672 8.341515				
REL DIST T M2 M3 V2 V3					0.00000 0.00000 302.940000 14.827320					0.00000 -12.503808 -260.496000 15.113520					0.00000 0.00000 262.387500 8.186490				
0.00000 .000000 315.562500 7.573500					0.00000 0.00000 308.902500 15.113520					0.00000 -12.962690 -270.056039 15.113520					COMB UEB05 ----- MAX				
0.00000 3.42E-14 -282.204000 -4.05E-14					0.00000 0.00000 314.865000 15.399720					0.00000 -13.907285 -289.735102 15.399720					REL DIST T M2 M3 V2 V3				
0.00000 3.54E-14 -292.560709 -4.13E-14					0.00000 0.00000 320.927500 15.685920					0.00000 -14.392998 -299.854125 15.685920					0.00000 0.00000 252.450000 7.876440				
0.00000 3.67E-14 -303.119273 -4.21E-14					0.00000 0.00000 314.865000 15.113520					0.00000 -7.274863 -233.168672 8.341515					0.00000 -7.533113 -241.445918 8.186490				
0.00000 3.80E-14 -313.879693 -4.29E-14					0.00000 0.00000 326.790000 15.685920					0.00000 0.00000 267.356250 8.341515					0.00000 -7.796207 -249.878437 8.496540				
0.00000 3.93E-14 -324.841969					0.00000 -14.392998 -299.854125					COMB UEB05 ----- MIN					REL DIST T M2 M3 V2 V3				
COMB ULB12 ----- MIN					REL DIST T M2 M3 V2 V3					0.00000 0.00000 252.450000 7.876440					0.00000 -6.772896 -217.080000 8.031465				
REL DIST T M2 M3 V2 V3					0.00000 -6.512400 -271.350000 7.722562					0.00000 0.00000 257.418750 -3.06E-14					0.00000 -7.021457 -225.046699 8.186490				
0.00000 0.00000 315.562500 7.573500					0.00000 0.00000 321.773438 7.871625					0.00000 0.00000 262.387500 -3.12E-14					0.00000 -7.274863 -233.168672 8.341515				
0.00000 -6.512400 -271.350000 7.722562					0.00000 0.00000 334.195313 8.020687					0.00000 2.82E-14 -233.168672 -3.24E-14					0.00000 -7.533113 -241.445918 8.186490				
0.00000 3.42E-14 -282.204000 -4.05E-14					0.00000 0.00000 340.406250 8.169750					0.00000 2.92E-14 -241.445918 -3.30E-14					0.00000 -7.796207 -249.878437 8.496540				
0.00000 3.54E-14 -292.560709 -4.13E-14					0.00000 -6.995060 -291.460840 8.169750					0.00000 3.03E-14 -249.878437					Program SAP2000 Nonlinear Version 7.42				
0.00000 3.67E-14 -303.119273 -4.21E-14					0.00000 0.00000 314.865000 15.113520					COMB UEB01 ----- MAX					REL DIST T M2 M3 V2 V3				
0.00000 3.80E-14 -313.879693 -4.29E-14					0.00000 0.00000 252.450000 -3.06E-14					0.00000 2.63E-14 -217.080000 -3.12E-14					0.00000 0.00000 257.418750 -3.18E-14				
0.00000 3.93E-14 -324.841969					0.00000 0.00000 262.387500 -3.12E-14					0.00000 2.73E-14 -225.046699 -3.18E-14					0.00000 2.82E-14 -233.168672 -3.24E-14				
REL DIST T M2 M3 V2 V3					0.00000 0.00000 267.356250 -3.24E-14					0.00000 2.92E-14 -241.445918 -3.30E-14					0.00000 3.03E-14 -249.878437				
0.00000 0.00000 315.562500 7.573500					0.00000 2.63E-14 -217.080000 -3.12E-14					COMB UEB02 ----- MAX					REL DIST T M2 M3 V2 V3				
0.00000 -6.512400 -271.350000 7.722562					0.00000 0.00000 252.450000 -3.06E-14					0.00000 2.63E-14 -217.080000 -3.12E-14					0.00000 0.00000 252.450000 -3.06E-14				
0.00000 0.00000 321.773438 7.722562					0.00000 0.00000 257.418750 -3.12E-14					0.00000 2.73E-14 -225.046699 -3.18E-14					0.00000 0.00000 257.418750 -3.12E-14				
0.00000 -6.751401 -281.308374 7.871625					0.00000 0.00000 262.387500 -3.18E-14					0.00000 2.82E-14 -233.168672 -3.24E-14					0.00000 0.00000 262.387500 -3.18E-14				
0.00000 0.00000 327.984375 7.871625					0.00000 0.00000 267.356250 -3.24E-14					0.00000 2.92E-14 -241.445918 -3.30E-14					0.00000 3.03E-14 -249.878437				
0.00000 -6.95060 -291.460840 8.020687					0.00000 2.73E-14 -225.046699 -3.18E-14					COMB UEB06 ----- MIN					REL DIST T M2 M3 V2 V3				
0.00000 3.42E-14 -282.204000 -4.05E-14					0.00000 0.00000 262.387500 -3.12E-14					0.00000 0.00000 252.450000 -3.06E-14					0.00000 -3.78E-11 -217.080000 -3.06E-14				
0.00000 3.54E-14 -292.560709 -4.13E-14					0.00000 0.00000 267.356250 -3.24E-14					0.00000 -3.78E-11 -225.046699 -3.12E-14					0.00000 0.00000 257.418750 -3.12E-14				
0.00000 3.67E-14 -303.119273 -4.21E-14					0.00000 0.00000 272.325000 -3.30E-14					0.00000 -3.78E-11 -233.168672 -3.18E-14					0.00000 0.00000 262.387500 -3.18E-14				
0.00000 3.80E-14 -313.879693 -4.29E-14					0.00000 3.03E-14 -249.878437					0.00000 2.82E-14 -233.168672 -3.24E-14					0.00000 0.00000 267.356250 -3.24E-14				
0.00000 3.93E-14 -324.841969					0.00000 2.92E-14 -241.445918 -3.30E-14					0.00000 3.03E-14 -249.878437					0.00000 2.92E-14 -241.445918 -3.30E-14				
COMB ULB13 ----- MAX					0.00000 3.03E-14 -249.878437					COMB UEB07 ----- MIN					REL DIST T M2 M3 V2 V3				
REL DIST T M2 M3 V2 V3					0.00000 0.00000 252.450000 -3.06E-14					0.00000 2.63E-14 -217.080000 -3.12E-14					0.00000 0.00000 252.450000 -3.06E-14				
0.00000 0.00000 315.562500 7.573500					0.00000 0.00000 257.418750 -3.12E-14					0.00000 2.73E-14 -225.046699 -3.18E-14					0.00000 0.00000 257.418750 -3.12E-14				
0.00000 -6.512400 -271.350000 7.722562					0.00000 0.00000 262.387500 -3.18E-14					0.00000 2.82E-14 -233.168672 -3.24E-14					0.00000 0.00000 262.387500 -3.18E-14				
0.00000 0.00000 321.773438 7.722562					0.00000 0.00000 267.356250 -3.24E-14					0.00000 2.92E-14 -241.445918 -3.30E-14					0.00000 3.03E-14 -249.878437				
0.00000 -6.751401 -281.308374 7.871625					0.00000 2.73E-14 -225.046699 -3.18E-14					COMB UEB08 ----- MIN					REL DIST T M2 M3 V2 V3				
0.00000 0.00000 327.984375 7.871625					0.00000 0.00000 262.387500 -3.12E-14					0.00000 0.00000 252.450000 -3.06E-14					0.00000 -3.78E-11 -217.080000 -3.12E-14				
0.00000 -6.95060 -291.460840 8.020687					0.00000 0.00000 267.356250 -3.24E-14					0.00000 -3.78E-11 -225.046699 -3.18E-14					0.00000 0.00000 257.418750 -3.12E-14				
0.00000 3.42E-14 -282.204000 -4.05E-14					0.00000 0.00000 2														

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				0.50000 -9.540000 262.387500 -3.18E-14				0.25000 -24.804000 334.644375 -4.05E-14				.000000 3.93E-14 -324.841969			
REL DIST T P M2 M3 V2 V3				0.00000 2.82E-14 -233.168672				0.000000 3.54E-14 -292.560709				COMB ULO08 ----- MIN			
0.00000 .000000 252.450000 -3.06E-14				0.75000 -9.540000 267.356250 -3.24E-14				0.50000 -24.804000 341.103750 -4.13E-14							
0.00000 2.63E-14 -217.080000				0.00000 2.92E-14 -241.445918				0.75000 -24.804000 347.563125 -4.21E-14				REL DIST T P M2 M3 V2 V3			
0.25000 -19.080000 257.418750 -3.12E-14				1.00000 -9.540000 272.325000 -3.30E-14				1.00000 -24.804000 354.022500 -4.29E-14				0.00000 .000000 328.185000 -3.97E-14			
0.00000 2.73E-14 -225.046699				.000000 3.03E-14 -249.878438				.000000 3.67E-14 -303.119273				0.00000 3.42E-14 -282.204000 -4.05E-14			
0.50000 .000000 262.387500 -3.18E-14				COMB SVO14 ----- MIN				.000000 3.80E-14 -313.879693				0.50000 .000000 341.103750 -4.13E-14			
0.00000 2.82E-14 -233.168672				REL DIST T P M2 M3 V2 V3				0.75000 .000000 347.563125 -4.21E-14				0.00000 3.80E-14 -313.879693 -4.29E-14			
0.75000 .000000 267.356250 -3.24E-14				0.00000 2.63E-14 -217.080000				0.25000 -12.402000 334.644375 -4.05E-14				0.00000 3.93E-14 -324.841969			
0.00000 2.92E-14 -241.445918				0.25000 -9.540000 252.450000 -3.06E-14				0.50000 -12.402000 341.103750 -4.13E-14				Program SAP2000 Nonlinear Version 7.42			
1.00000 -19.080000 272.325000 -3.30E-14				0.00000 2.82E-14 -233.168672				0.00000 3.54E-14 -292.560709				File:청도1교상행_P9_본체.OUT			
0.00000 3.03E-14 -249.878438				0.50000 -9.540000 262.387500 -3.18E-14				0.50000 -12.402000 341.103750 -4.13E-14							
COMB SVO10 ----- MAX				0.00000 2.92E-14 -241.445918				0.00000 3.67E-14 -303.119273							
REL DIST T P M2 M3 V2 V3				1.00000 -9.540000 272.325000 -3.30E-14				0.75000 -12.402000 347.563125 -4.21E-14							
0.00000 -19.080000 252.450000 -3.06E-14				0.00000 2.73E-14 -225.046699				0.00000 3.80E-14 -313.879693							
0.00000 2.63E-14 -217.080000				0.25000 .000000 257.418750 -3.12E-14				1.00000 -12.402000 354.022500 -4.29E-14							
0.25000 -19.080000 257.418750				0.00000 2.82E-14 -233.168672				0.00000 3.93E-14 -324.841969							
0.00000 2.73E-14 -225.046699				0.50000 -9.540000 262.387500 -3.18E-14				COMB ULO05 ----- MAX							
0.50000 -19.080000 262.387500				0.00000 2.92E-14 -241.445918				REL DIST T P M2 M3 V2 V3							
0.00000 2.82E-14 -233.168672				0.75000 .000000 267.356250 -3.24E-14				0.00000 3.42E-14 -282.204000							
0.75000 -19.080000 267.356250				0.00000 2.92E-14 -241.445918				0.25000 -12.402000 334.644375							
0.00000 2.92E-14 -241.445918				1.00000 -19.080000 272.325000 -3.30E-14				0.50000 -12.402000 341.103750							
1.00000 -19.080000 272.325000				0.00000 3.03E-14 -249.878438				0.00000 3.67E-14 -303.119273							
0.00000 3.03E-14 -249.878438				COMB SVO11 ----- MAX				0.00000 3.80E-14 -313.879693							
REL DIST T P M2 M3 V2 V3				COMB SVO15 ----- MIN				0.00000 3.93E-14 -324.841969							
0.00000 -19.080000 252.450000 -3.06E-14				REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3							
0.00000 2.63E-14 -217.080000				0.00000 -9.540000 252.450000 -3.06E-14				0.00000 3.42E-14 -282.204000							
0.25000 -19.080000 257.418750				0.00000 2.63E-14 -217.080000				0.25000 -12.402000 334.644375							
0.00000 2.73E-14 -225.046699				0.25000 -9.540000 257.418750 -3.12E-14				0.50000 -12.402000 341.103750							
0.50000 -19.080000 262.387500				0.00000 2.82E-14 -233.168672				0.00000 3.54E-14 -292.560709							
0.00000 2.82E-14 -233.168672				0.75000 .000000 267.356250 -3.24E-14				0.00000 3.67E-14 -303.119273							
0.75000 -19.080000 267.356250				0.00000 2.92E-14 -241.445918				0.25000 -12.402000 334.644375							
0.00000 2.92E-14 -241.445918				1.00000 -9.540000 272.325000 -3.30E-14				0.50000 -12.402000 341.103750							
1.00000 -19.080000 272.325000				0.00000 3.03E-14 -249.878438				0.00000 3.80E-14 -313.879693							
0.00000 3.03E-14 -249.878438				COMB SVO11 ----- MIN				0.00000 3.93E-14 -324.841969							
REL DIST T P M2 M3 V2 V3				COMB ULO01 ----- MAX				REL DIST T P M2 M3 V2 V3							
0.00000 -19.080000 252.450000 -3.06E-14				REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3							
0.00000 2.63E-14 -217.080000				0.00000 .000000 328.185000 -3.97E-14				0.00000 3.42E-14 -282.204000							
0.25000 -19.080000 257.418750				0.00000 3.42E-14 -282.204000				0.25000 -12.402000 334.644375							
0.00000 2.73E-14 -225.046699				0.25000 .000000 341.103750 -4.13E-14				0.50000 -12.402000 341.103750							
0.50000 -19.080000 262.387500				0.00000 3.67E-14 -303.119273				0.00000 3.54E-14 -292.560709							
0.00000 2.82E-14 -233.168672				0.75000 .000000 347.563125 -4.21E-14				0.00000 3.67E-14 -303.119273							
0.75000 -19.080000 267.356250				0.00000 3.80E-14 -313.879693				0.25000 -12.402000 334.644375							
0.00000 2.92E-14 -241.445918				1.00000 .000000 354.022500 -4.29E-14				0.50000 -12.402000 341.103750							
1.00000 -19.080000 272.325000				0.00000 3.93E-14 -324.841969				0.00000 3.67E-14 -303.119273							
0.00000 3.03E-14 -249.878438				COMB ULO02 ----- MAX				0.75000 .000000 347.563125 -4.21E-14							
COMB SVO12 ----- MIN				REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3							
REL DIST T P M2 M3 V2 V3				0.00000 .000000 328.185000 -3.97E-14				0.00000 3.42E-14 -282.204000							
0.00000 -9.540000 252.450000 -3.06E-14				0.00000 3.42E-14 -282.204000				0.25000 .000000 341.103750 -4.13E-14							
0.00000 2.63E-14 -217.080000				0.25000 .000000 341.103750 -4.13E-14				0.50000 -12.402000 341.103750							
0.25000 -9.540000 257.418750				0.00000 3.67E-14 -303.119273				0.00000 3.54E-14 -292.560709							
0.00000 2.73E-14 -225.046699				0.75000 .000000 347.563125 -4.21E-14				0.00000 3.67E-14 -303.119273							
0.50000 -9.540000 262.387500				0.00000 3.80E-14 -313.879693				0.25000 -12.402000 334.644375							
0.00000 2.82E-14 -233.168672				1.00000 .000000 354.022500 -4.29E-14				0.50000 -12.402000 341.103750							
0.75000 -9.540000 267.356250				0.00000 3.93E-14 -324.841969				0.00000 3.67E-14 -303.119273							
0.00000 2.92E-14 -241.445918				COMB ULO03 ----- MIN				0.75000 .000000 347.563125 -4.21E-14							
1.00000 -9.540000 272.325000				REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3							
0.00000 3.03E-14 -249.878438				0.00000 .000000 328.185000 -3.97E-14				0.00000 3.42E-14 -282.204000							
COMB SVO13 ----- MAX				0.00000 3.42E-14 -282.204000				0.25000 .000000 341.103750 -4.13E-14							
REL DIST T P M2 M3 V2 V3				0.25000 .000000 341.103750 -4.13E-14				0.50000 -12.402000 341.103750							
0.00000 -9.540000 252.450000 -3.06E-14				0.00000 3.67E-14 -303.119273				0.00000 3.54E-14 -292.560709							
0.00000 2.63E-14 -217.080000				0.75000 .000000 347.563125 -4.21E-14				0.00000 3.67E-14 -303.119273							
0.25000 -9.540000 257.418750				0.00000 3.80E-14 -313.879693				0.25000 -12.402000 334.644375							
0.00000 2.73E-14 -225.046699				1.00000 .000000 354.022500 -4.29E-14				0.50000 -12.402000 341.103750							
0.50000 -9.540000 262.387500				0.00000 3.93E-14 -324.841969				0.00000 3.67E-14 -303.119273							
0.00000 2.82E-14 -233.168672				COMB ULO07 ----- MAX				0.75000 .000000 347.563125 -4.21E-14							
0.75000 -9.540000 267.356250				REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3							
0.00000 2.92E-14 -241.445918				0.00000 .000000 328.185000 -3.97E-14				0.00000 3.42E-14 -282.204000							
1.00000 -9.540000 272.325000				0.00000 3.42E-14 -282.204000				0.25000 .000000 341.103750 -4.13E-14							
0.00000 3.03E-14 -249.878438				0.25000 .000000 341.103750 -4.13E-14				0.50000 -12.402000 341.103750							
COMB SVO14 ----- MAX				0.00000 3.67E-14 -303.119273				0.00000 3.54E-14 -292.560709							
REL DIST T P M2 M3 V2 V3				0.75000 .000000 347.563125 -4.21E-14				0.00000 3.67E-14 -303.119273							
0.00000 -9.540000 252.450000 -3.06E-14				0.00000 3.80E-14 -313.879693				0.25000 -12.402000 334.644375							
0.00000 2.63E-14 -217.080000				1.00000 .000000 354.022500 -4.29E-14				0.50000 -12.402000 341.103750							
0.25000 -9.540000 257.418750				0.00000 3.93E-14 -324.841969				0.00000 3.67E-14 -303.119273							
0.00000 2.73E-14 -225.046699				COMB ULO08 ----- MAX				0.75000 .000000 347.563125 -4.21E-14							
0.50000 -9.540000 262.387500				REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3							
0.00000 2.82E-14 -233.168672				0.00000 .000000 328.185000 -3.97E-14				0.00000 3.42E-14 -282.204000							
0.75000 -9.540000 267.356250				0.00000 3.42E-14 -282.204000				0.25000 .000000 341.103750 -4.13E-14							
0.00000 2.92E-14 -241.445918				0.25000 .000000 341.103750 -4.13E-14				0.50000 -12.402000 341.103750							
1.00000 -9.540000 272.325000				0.00000 3.67E-14 -303.119273				0.00000 3.54E-14 -292.560709							
0.00000 3.03E-14 -249.878438				0.75000 .000000 347.563125 -4.21E-14				0.00000 3.67E-14 -303.119273							
COMB SVO15 ----- MIN				0.00000 3.80E-14 -313.879693				0.25000 -12.402000 334.644375							
REL DIST T P M2 M3 V2 V3				1.00000 .000000 354.022500 -4.29E-14				0.50000 -12.402000 341.103750							
0.00000 -9.540000 252.450000 -3.06E-14				0.00000 3.93E-14 -324.841969				0.00000 3.67E-14 -303.119273							
0.00000 2.63E-14 -217.080000				COMB ULO09 ----- MAX				0.75000 .000000 347.563125 -4.21E-14							
0.25000 -9.540000 257.418750				REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3							
0.00000 2.73E-14 -225.046699				0.00000 .000000 328.185000 -3.97E-14				0.00000 3.42E-14 -282.204000							
0.50000 -19.080000 262.387500				0.00000 3.42E-14 -282.204000				0.25000 .000000 341.103750 -4.13E-14							
0.00000 2.82E-14 -233.168672				0.25000 .000000 341.103750 -4.13E-14				0.50000 -12.402000 341.103750							
0.75000 -19.080000 267.356250				0.00000 3.67E-14 -303.119273				0.00000 3.54E-14 -292.560709							
0.00000 2.92E-14 -241.445918				0.75000 .000000 347.563125 -4.21E-14				0.00000 3.67E-14 -303.119273							
1.00000 -19.080000 272.325000				0.00000 3.80E-14 -313.879693				0.25000 -12.402000 334.644375							
0.00000 3.03E-14 -249.878438				1.00000 .000000 354.022500 -4.29E-14				0.50000 -12.402000 341.103750							
0.00000 3.03E-14 -249.878438				COMB ULO10 ----- MAX				0.75000 .000000 347.563125 -4.21E-14							
REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3							
0.00000 -19.080000 252.450000 -3.06E-14				0.00000 .000000 328.185000 -3.97E-14				0.00000 3.42E-14 -282.204000							
0.00000 2.63E-14 -217.080000				0.00000 3.42E-14 -282.204000				0.25000 .000000 341.103750 -4.13E-14							
0.25000 -19.080000 257.418750				0.25000 .000000 341.103750 -4.13E-14				0.50000 -12.402000 341.103750							
0.00000 2.73E-14 -225.046699				0.00000 3.67E-14 -303.119273				0.00000 3.54E-14 -292.560709							
0.50000 -19.080000 262.387500				0.75000 .000000 347.563125 -4.21E-14				0.00000 3.67E-14 -303.119273							
0.00000 2.82E-14 -233.168672				0.00000 3.80E-14 -313.879693				0.25000 -12.402000 334.644375							
0.75000 -19.080000 267.356250				1.00000 .000000 354.022500 -4.29E-14				0.50000 -12.402000 341.103750							
0.00000 2.92E-14 -241.445918				0.00000 3.93E-14 -324.841969											

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.000000	-12.573352	-261.944824			.000000	2.91E-11	-249.878437			1.00000	-2.08E-28	300.150000	7.203600	0.75000	1.89E-11	381.151875	-4.62E-14
0.50000	1.46E-11	286.237500	13.739400		0.25000	1.46E-11	279.281250	-3.38E-14		.000000	-7.199280	-299.970000		.000000	4.52E-14	-373.087787	
.000000	-13.167146	-274.315547			.000000	2.91E-11	-261.944824	-3.47E-14		1.00000	1.89E-11	390.195000	-4.73E-14	.000000	1.89E-11	381.151875	-4.62E-14
0.75000	1.46E-11	293.193750	14.073300		.000000	1.46E-11	286.237500			COMB	SVB13	-----	MAX	COMB	ULB02	-----	MIN
.000000	-13.775549	-286.990605			.000000	2.91E-11	-274.315547			REL DIST		P	V2	REL DIST		P	V2
1.00000	1.46E-11	300.150000	14.407200		0.75000	1.46E-11	293.193750	-3.55E-14		T	M2	M3	V3	T	M2	M3	V3
.000000	-14.398560	-299.970000			.000000	2.91E-11	-286.990605			0.00000	-6.31E-30	272.325000	6.535800	0.00000	1.89E-11	354.022500	-4.29E-14
COMB	SVB04	-----	MAX		COMB	SVB08	-----	MIN		0.00000	-5.997083	-249.878437	6.702750	0.00000	3.93E-14	-324.841969	
REL DIST		P	V2		REL DIST		P	V2		0.50000	-6.31E-30	286.237500	6.869700	0.25000	1.89E-11	363.065625	-4.40E-14
T	M2	M3	V3		T	M2	M3	V3		0.00000	-6.583573	-274.315547	7.036650	0.00000	4.12E-14	-340.528271	
0.00000	-6.31E-30	272.325000	6.535800		0.00000	1.46E-11	272.325000	-3.30E-14		0.75000	-6.31E-30	293.193750	7.036650	0.50000	1.89E-11	372.108750	-4.51E-14
.000000	-5.997083	-249.878437			0.25000	2.91E-11	-249.878437			0.00000	-6.887775	-286.990605	7.203600	0.00000	4.32E-14	-356.610211	
0.25000	-6.31E-30	279.281250	6.702750		.000000	1.46E-11	286.237500			0.00000	-6.887775	-286.990605		0.75000	1.89E-11	381.151875	-4.62E-14
.000000	-6.286676	-261.944824			0.25000	1.46E-11	279.281250	-3.38E-14		COMB	SVB13	-----	MIN	COMB	ULB03	-----	MAX
0.50000	-6.31E-30	286.237500	6.869700		.000000	2.91E-11	-261.944824			REL DIST		P	V2	REL DIST		P	V2
.000000	-6.583573	-274.315547			0.50000	1.46E-11	286.237500	-3.47E-14		T	M2	M3	V3	T	M2	M3	V3
0.75000	-6.31E-30	293.193750	7.036650		0.00000	1.46E-11	293.193750	-3.55E-14		0.00000	-6.31E-30	272.325000	6.535800	0.00000	1.89E-11	354.022500	16.993080
.000000	-6.887775	-286.990605			0.25000	2.91E-11	-286.990605			0.25000	-6.31E-30	279.281250	6.702750	0.00000	-15.592415	-324.841969	
0.75000	-6.31E-30	293.193750	7.036650		.000000	1.46E-11	286.237500			0.50000	-6.286676	-261.944824	6.869700	0.25000	1.89E-11	363.065625	17.427150
.000000	-6.887775	-286.990605			0.50000	1.46E-11	293.193750	-3.55E-14		0.75000	-6.31E-30	293.193750	7.036650	0.50000	-16.345357	-340.528271	
1.00000	-6.31E-30	300.150000	7.203600		0.00000	1.46E-11	293.193750	-3.55E-14		0.00000	-6.887775	-286.990605		0.00000	1.89E-11	372.108750	17.861220
.000000	-7.199280	-299.970000			0.25000	2.91E-11	-299.970000	-3.64E-14		1.00000	-6.31E-30	300.150000	7.203600	0.75000	-17.117290	-356.610211	
COMB	SVB04	-----	MIN		COMB	SVB09	-----	MAX		.000000	-7.199280	-299.970000		0.00000	1.89E-11	381.151875	18.295290
REL DIST		P	V2		REL DIST		P	V2		Program	SAP2000	Nonlinear	Version 7.42	0.75000	-17.908214	-373.087787	
T	M2	M3	V3		T	M2	M3	V3		File:청도1교상행_P9_본체.OUT				1.00000	-1.89E-11	390.195000	18.729360
0.00000	-6.31E-30	272.325000	6.535800		0.00000	1.46E-11	272.325000	-3.30E-14		Page				COMB	ULB03	-----	MIN
.000000	-5.997083	-249.878437			0.25000	2.91E-11	-249.878437			253				REL DIST		P	V2
0.25000	-6.31E-30	279.281250	6.702750		.000000	1.46E-11	286.237500			: AAbutPier	SAP2000	6-7	데이타파일 : 교각 본체	T	M2	M3	V3
.000000	-6.286676	-261.944824			0.50000	1.46E-11	293.193750	-3.38E-14		FRAME	ELEMENT	INTERNAL	FORCES	0.00000	1.89E-11	354.022500	16.993080
0.50000	-6.31E-30	286.237500	6.869700		0.00000	1.46E-11	293.193750	-3.47E-14		COMB	SVB14	-----	MAX	0.25000	-15.592415	-324.841969	
.000000	-6.583573	-274.315547			0.25000	2.91E-11	-261.944824			REL DIST		P	V2	0.50000	1.89E-11	363.065625	17.427150
0.75000	-6.31E-30	293.193750	7.036650		0.50000	1.46E-11	286.237500	-3.47E-14		T	M2	M3	V3	0.00000	-16.345357	-340.528271	
.000000	-6.887775	-286.990605			0.00000	1.46E-11	293.193750	-3.55E-14		0.00000	1.46E-11	272.325000	6.535800	0.50000	1.89E-11	372.108750	17.861220
1.00000	-6.31E-30	300.150000	7.203600		0.25000	2.91E-11	-286.990605			.000000	-5.997082	-249.878437	6.702750	0.75000	-17.117290	-356.610211	
.000000	-7.199280	-299.970000			0.50000	1.46E-11	293.193750	-3.55E-14		0.25000	-6.286676	-261.944824	6.869700	0.00000	1.89E-11	381.151875	18.295290
Program	SAP2000	Nonlinear	Version 7.42		1.00000	1.46E-11	300.150000	-3.64E-14		0.50000	-6.887775	-286.990605		0.00000	-17.908214	-373.087787	
File:청도1교상행_P9_본체.OUT					.000000	2.91E-11	-299.970000			COMB	SVB10	-----	MAX	1.00000	1.89E-11	390.195000	18.729360
REL DIST		P	V2		REL DIST		P	V2		REL DIST		P	V2	COMB	ULB04	-----	MAX
T	M2	M3	V3		T	M2	M3	V3		T	M2	M3	V3	T	M2	M3	V3
0.00000	1.46E-11	272.325000	6.535800		0.00000	1.46E-11	272.325000	13.071600		0.00000	-8.20E-30	354.022500	8.496540	0.00000	-8.20E-30	372.108750	8.930610
.000000	-5.997083	-249.878437			.000000	-11.994165	-249.878437			0.00000	-7.796207	-324.841969		0.25000	-8.558645	-356.610211	
0.25000	1.46E-11	279.281250	6.702750		0.25000	1.46E-11	279.281250	13.405500		0.25000	-8.20E-30	363.065625	8.713575	0.50000	-8.20E-30	381.151875	9.147645
.000000	-6.286676	-261.944824			0.50000	1.46E-11	286.237500	13.739400		0.00000	-8.954107	-373.087787		1.00000	-8.20E-30	390.195000	9.364680
0.50000	1.46E-11	286.237500	6.869700		0.00000	1.46E-11	293.193750	14.073300		.000000	-9.359064	-389.961000		.000000	-9.359064	-389.961000	
.000000	-6.583573	-274.315547			0.75000	1.46E-11	293.193750	14.073300		COMB	SVB14	-----	MIN	COMB	ULB04	-----	MIN
0.75000	-6.31E-30	293.193750	7.036650		0.00000	1.46E-11	300.150000	14.407200		REL DIST		P	V2	REL DIST		P	V2
.000000	-6.887775	-286.990605			0.25000	2.91E-11	-261.944824			T	M2	M3	V3	T	M2	M3	V3
1.00000	1.46E-11	300.150000	7.203600		0.50000	1.46E-11	286.237500	-3.47E-14		0.00000	1.46E-11	272.325000	6.535800	0.00000	-8.20E-30	354.022500	8.496540
.000000	-7.199280	-299.970000			0.75000	1.46E-11	293.193750	-3.55E-14		0.25000	-5.997082	-249.878437	6.702750	0.25000	-7.796207	-324.841969	
COMB	SVB05	-----	MIN		1.00000	1.46E-11	300.150000	-3.64E-14		0.50000	-6.286676	-261.944824	6.869700	0.50000	-8.172679	-340.528271	
REL DIST		P	V2		COMB	SVB10	-----	MAX		0.75000	-6.887775	-286.990605		0.00000	-8.20E-30	372.108750	8.930610
T	M2	M3	V3		REL DIST		P	V2		REL DIST		P	V2	0.00000	-8.558645	-356.610211	
0.00000	1.46E-11	272.325000	6.535800		0.00000	1.46E-11	272.325000	13.071600		T	M2	M3	V3	0.25000	-8.20E-30	381.151875	9.147645
.000000	-5.997083	-249.878437			.000000	-11.994165	-249.878437			0.00000	-7.796207	-324.841969		0.50000	-8.20E-30	390.195000	9.364680
0.25000	1.46E-11	279.281250	6.702750		0.25000	1.46E-11	279.281250	13.405500		0.25000	-8.954107	-373.087787		1.00000	-8.20E-30	390.195000	9.364680
.000000	-6.286676	-261.944824			0.50000	1.46E-11	286.237500	13.739400		0.00000	-9.359064	-389.961000		.000000	-9.359064	-389.961000	
0.50000	1.46E-11	286.237500	6.869700		0.75000	1.46E-11	293.193750	14.073300		Program	SAP2000	Nonlinear	Version 7.42	COMB	ULB04	-----	MIN
.000000	-6.583573	-274.315547			0.00000	1.46E-11	293.193750	14.073300		File:청도1교상행_P9_본체.OUT				REL DIST		P	V2
0.75000	-6.31E-30	293.193750	7.036650		0.25000	2.91E-11	-261.944824			Page				T	M2	M3	V3
.000000	-6.887775	-286.990605			0.50000	1.46E-11	286.237500	-3.47E-14		: AAbutPier	SAP2000	6-7	데이타파일 : 교각 본체	0.00000	1.89E-11	354.022500	16.993080
1.00000	1.46E-11	300.150000	7.203600		0.75000	1.46E-11	293.193750	-3.55E-14		252				0.25000	-15.592415	-324.841969	
.000000	-7.199280	-299.970000			1.00000	1.46E-11	300.150000	-3.64E-14		FRAME	ELEMENT	INTERNAL	FORCES	0.50000	1.89E-11	363.065625	17.427150
COMB	SVB06	-----	MAX		COMB	SVB10	-----	MIN		COMB	SVB15	-----	MAX	0.75000	-17.117290	-356.610211	
REL DIST		P	V2		REL DIST		P	V2		REL DIST		P	V2	0.00000	-16.345357	-340.528271	
T	M2	M3	V3		T	M2	M3	V3		T	M2	M3	V3	0.50000	1.89E-11	372.108750	17.861220
0.00000	-6.31E-30	272.325000	6.535800		0.00000	1.46E-11	272.325000	-3.30E-14		0.00000	1.46E-11	272.325000	6.535800	0.75000	-17.908214	-373.087787	
.000000	-5.997083	-249.878437			.000000	-11.994165	-249.878437			0.25000	-5.997082	-249.878437	6.702750	0.00000	1.89E-11	381.151875	18.295290
0.25000	-6.31E-30	279.281250	6.702750		0.25000	1.46E-11	279.281250	-3.38E-14		0.50000	-6.286676	-261.944824	6.869700	0.50000	1.89E-11	372.108750	17.861220
.000000	-																

REL DIST	P	V2	V3
T	M2	M3	
0.00000	354.022500		-4.29E-14
0.00000	3.93E-14 -324.841969		
0.25000	0.00000 363.065625		-4.40E-14
0.00000	4.12E-14 -340.528271		-4.51E-14
0.50000	0.00000 372.108750		-4.62E-14
0.00000	4.32E-14 -356.610211		-4.73E-14
0.75000	0.00000 381.151875		
0.00000	4.52E-14 -373.087787		
1.00000	0.00000 390.195000		
0.00000	4.72E-14 -389.961000		

COMB ULB07 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	354.022500		-4.29E-14
0.00000	3.93E-14 -324.841969		
0.25000	0.00000 363.065625		-4.40E-14
0.00000	4.12E-14 -340.528271		-4.51E-14
0.00000	4.32E-14 -356.610211		-4.62E-14
0.50000	0.00000 372.108750		-4.73E-14
0.75000	0.00000 381.151875		
0.00000	4.52E-14 -373.087787		
1.00000	0.00000 390.195000		
0.00000	4.72E-14 -389.961000		
Program SAP2000 Nonlinear Version 7.42			
File:청도1교상행_P9_본체.OUT			

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FRAME ELEMENT INTERNAL FORCES

COMB ULB08 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	354.022500		-4.29E-14
0.00000	3.79E-11 -324.841969		
0.25000	1.89E-11 363.065625		-4.40E-14
0.00000	3.79E-11 -340.528271		-4.51E-14
0.50000	1.89E-11 372.108750		-4.62E-14
0.75000	1.89E-11 381.151875		-4.73E-14
0.00000	3.79E-11 -373.087787		
1.00000	1.89E-11 390.195000		
0.00000	3.79E-11 -389.961000		

COMB ULB08 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	354.022500		-4.29E-14
0.00000	3.79E-11 -324.841969		
0.25000	1.89E-11 363.065625		-4.40E-14
0.00000	3.79E-11 -340.528271		-4.51E-14
0.50000	1.89E-11 372.108750		-4.62E-14
0.75000	1.89E-11 381.151875		-4.73E-14
0.00000	3.79E-11 -373.087787		
1.00000	1.89E-11 390.195000		
0.00000	3.79E-11 -389.961000		

COMB ULB09 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	354.022500		-4.29E-14
0.00000	3.93E-14 -324.841969		
0.25000	1.89E-11 363.065625		-4.40E-14
0.00000	4.12E-14 -340.528271		-4.51E-14
0.50000	1.89E-11 372.108750		-4.62E-14
0.75000	1.89E-11 381.151875		-4.73E-14
0.00000	4.52E-14 -373.087787		
1.00000	1.89E-11 390.195000		
0.00000	4.72E-14 -389.961000		

COMB ULB09 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	354.022500		-4.29E-14
0.00000	3.93E-14 -324.841969		
0.25000	1.89E-11 363.065625		-4.40E-14
0.00000	4.12E-14 -340.528271		-4.51E-14
0.50000	1.89E-11 372.108750		-4.62E-14
0.75000	1.89E-11 381.151875		-4.73E-14
0.00000	4.52E-14 -373.087787		
1.00000	1.89E-11 390.195000		
0.00000	4.72E-14 -389.961000		

COMB ULB10 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	340.406250		16.339500
0.00000	-14.992706 -312.348047		
0.25000	1.82E-11 349.101563		16.756875
0.00000	-15.716689 -327.431030		
0.50000	1.82E-11 357.796875		17.174250
0.00000	-16.458933 -342.894434		
0.75000	1.82E-11 366.492188		17.591625
0.00000	-17.219436 -358.738257		
1.00000	1.82E-11 375.187500		18.009000
0.00000	-17.998200 -374.962500		

COMB ULB10 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	340.406250		16.339500
0.00000	-14.992706 -312.348047		
0.25000	1.82E-11 349.101563		16.756875
0.00000	-15.716689 -327.431030		
0.50000	1.82E-11 357.796875		17.174250
0.00000	-16.458933 -342.894434		
0.75000	1.82E-11 366.492188		17.591625
0.00000	-17.219436 -358.738257		
1.00000	1.82E-11 375.187500		18.009000
0.00000	-17.998200 -374.962500		
Program SAP2000 Nonlinear Version 7.42			
File:청도1교상행_P9_본체.OUT			

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FRAME ELEMENT INTERNAL FORCES

COMB ULB11 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	340.406250		16.339500
0.00000	-14.992706 -312.348047		
0.25000	1.82E-11 349.101563		16.756875
0.00000	-15.716689 -327.431030		
0.50000	1.82E-11 357.796875		17.174250
0.00000	-16.458933 -342.894434		
0.75000	1.82E-11 366.492188		17.591625
0.00000	-17.219436 -358.738257		
1.00000	1.82E-11 375.187500		18.009000
0.00000	-17.998200 -374.962500		

REL DIST	P	V2	V3
T	M2	M3	
0.00000	340.406250		16.339500
0.00000	-14.992706 -312.348047		
0.25000	1.82E-11 349.101563		16.756875
0.00000	-15.716689 -327.431030		
0.50000	1.82E-11 357.796875		17.174250
0.00000	-16.458933 -342.894434		
0.75000	1.82E-11 366.492188		17.591625
0.00000	-17.219436 -358.738257		
1.00000	1.82E-11 375.187500		18.009000
0.00000	-17.998200 -374.962500		

COMB ULB12 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	340.406250		8.169750
0.00000	-7.496353 -312.348047		
0.25000	-2.60E-28 349.101563		8.378437
0.00000	-7.858345 -327.431030		
0.50000	-2.60E-28 357.796875		8.587125
0.00000	-8.229466 -342.894434		
0.75000	-2.60E-28 366.492188		8.795812
0.00000	-8.609718 -358.738257		
1.00000	-2.60E-28 375.187500		9.004500
0.00000	-8.999100 -374.962500		

COMB ULB12 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	340.406250		8.169750
0.00000	-7.496353 -312.348047		
0.25000	-2.60E-28 349.101563		8.378437
0.00000	-7.858345 -327.431030		
0.50000	-2.60E-28 357.796875		8.587125
0.00000	-8.229466 -342.894434		
0.75000	-2.60E-28 366.492188		8.795812
0.00000	-8.609718 -358.738257		
1.00000	-2.60E-28 375.187500		9.004500
0.00000	-8.999100 -374.962500		

COMB ULB13 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	340.406250		8.169750
0.00000	-7.496353 -312.348047		
0.25000	-7.89E-30 349.101563		8.378437
0.00000	-7.858345 -327.431030		
0.50000	-7.89E-30 357.796875		8.587125
0.00000	-8.229466 -342.894434		
0.75000	-7.89E-30 366.492188		8.795812
0.00000	-8.609718 -358.738257		
1.00000	-7.89E-30 375.187500		9.004500
0.00000	-8.999100 -374.962500		

COMB ULB13 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	340.406250		8.169750
0.00000	-7.496353 -312.348047		
0.25000	-7.89E-30 349.101563		8.378437
0.00000	-7.858345 -327.431030		
0.50000	-7.89E-30 357.796875		8.587125
0.00000	-8.229466 -342.894434		
0.75000	-7.89E-30 366.492188		8.795812
0.00000	-8.609718 -358.738257		
1.00000	-7.89E-30 375.187500		9.004500
0.00000	-8.999100 -374.962500		
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COMB ULB14 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	340.406250		16.339500
0.00000	-7.496353 -312.348047		
0.25000	1.82E-11 349.101563		16.756875
0.00000	-15.716689 -327.431030		
0.50000	1.82E-11 357.796875		17.174250
0.00000	-16.458933 -342.894434		
0.75000	1.82E-11 366.492188		17.591625
0.00000	-17.219436 -358.738257		
1.00000	1.82E-11 375.187500		18.009000
0.00000	-17.998200 -374.962500		

COMB ULB14 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	340.406250		16.339500
0.00000	-14.992706 -312.348047		
0.25000	1.82E-11 349.101563		16.756875
0.00000	-15.716689 -327.431030		
0.50000	1.82E-11 357.796875		17.174250
0.00000	-16.458933 -342.894434		
0.75000	1.82E-11 366.492188		17.591625
0.00000	-17.219436 -358.738257		
1.00000	1.82E-11 375.187500		18.009000
0.00000	-17.998200 -374.962500		

COMB ULB15 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	340.406250		8.169750
0.00000	-7.496353 -312.348047		
0.25000	1.82E-11 349.101563		8.378437
0.00000	-7.858345 -327.431030		
0.50000	1.82E-11 357.796875		8.587125
0.00000	-8.229466 -342.894434		
0.75000	1.82E-11 366.492188		8.795812
0.00000	-8.609718 -358.738257		
1.00000	1.82E-11 375.187500		9.004500
0.00000	-8.999100 -374.962500		

COMB ULB15 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	340.406250		8.169750
0.00000	-7.496353 -312.348047		
0.25000	1.82E-11 349.101563		8.378437
0.00000	-7.858345 -327.431030		
0.50000	1.82E-11 357.796875		8.587125
0.00000	-8.229466 -342.894434		
0.75000	1.82E-11 366.492188		8.795812
0.00000	-8.609718 -358.738257		
1.00000	1.82E-11 375.187500		9.004500
0.00000	-8.999100 -374.962500		

COMB ULB16 ----- MAX

COMB	ULB16	----- MAX		
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	1.46E-11	272.325000	-3.30E-14	
.000000	3.03E-14	-249.878437		
0.25000	1.46E-11	279.281250	-3.38E-14	

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

COMB ULO11 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	-23.850000	340.406250			-4.12E-14	
0.00000	3.78E-14	-312.348047				
0.25000	-23.850000	349.101563			-4.23E-14	
0.00000	3.97E-14	-327.431030				
0.50000	-23.850000	357.796875			-4.33E-14	
0.00000	4.15E-14	-342.894434				
0.75000	-23.850000	366.492188			-4.44E-14	
0.00000	4.34E-14	-358.738257				
1.00000	-23.850000	375.187500			-4.54E-14	
0.00000	4.54E-14	-374.962500				

COMB ULO11 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-23.850000	340.406250			-4.12E-14	
0.00000	3.78E-14	-312.348047				
0.25000	-23.850000	349.101563			-4.23E-14	
0.00000	3.97E-14	-327.431030				
0.50000	-23.850000	357.796875			-4.33E-14	
0.00000	4.15E-14	-342.894434				
0.75000	-23.850000	366.492188			-4.44E-14	
0.00000	4.34E-14	-358.738257				
1.00000	-23.850000	375.187500			-4.54E-14	
0.00000	4.54E-14	-374.962500				

COMB ULO12 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	-11.925000	340.406250			-4.12E-14	
0.00000	3.78E-14	-312.348047				
0.25000	-11.925000	349.101563			-4.23E-14	
0.00000	3.97E-14	-327.431030				
0.50000	-11.925000	357.796875			-4.33E-14	
0.00000	4.15E-14	-342.894434				
0.75000	-11.925000	366.492188			-4.44E-14	
0.00000	4.34E-14	-358.738257				
1.00000	-11.925000	375.187500			-4.54E-14	
0.00000	4.54E-14	-374.962500				

COMB ULO12 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-11.925000	340.406250			-4.12E-14	
0.00000	3.78E-14	-312.348047				
0.25000	-11.925000	349.101563			-4.23E-14	
0.00000	3.97E-14	-327.431030				
0.50000	-11.925000	357.796875			-4.33E-14	
0.00000	4.15E-14	-342.894434				
0.75000	-11.925000	366.492188			-4.44E-14	
0.00000	4.34E-14	-358.738257				
1.00000	-11.925000	375.187500			-4.54E-14	
0.00000	4.54E-14	-374.962500				

COMB ULO13 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	-11.925000	340.406250			-4.12E-14	
0.00000	3.78E-14	-312.348047				
0.25000	-11.925000	349.101563			-4.23E-14	
0.00000	3.97E-14	-327.431030				
0.50000	-11.925000	357.796875			-4.33E-14	
0.00000	4.15E-14	-342.894434				
0.75000	-11.925000	366.492188			-4.44E-14	
0.00000	4.34E-14	-358.738257				
1.00000	-11.925000	375.187500			-4.54E-14	
0.00000	4.54E-14	-374.962500				

COMB ULO13 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-11.925000	340.406250			-4.12E-14	
0.00000	3.78E-14	-312.348047				
0.25000	-11.925000	349.101563			-4.23E-14	
0.00000	3.97E-14	-327.431030				
0.50000	-11.925000	357.796875			-4.33E-14	
0.00000	4.15E-14	-342.894434				
0.75000	-11.925000	366.492188			-4.44E-14	
0.00000	4.34E-14	-358.738257				
1.00000	-11.925000	375.187500			-4.54E-14	
0.00000	4.54E-14	-374.962500				

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COMB ULO14 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	-11.925000	340.406250			-4.12E-14	
0.00000	3.78E-14	-312.348047				
0.25000	-11.925000	349.101563			-4.23E-14	
0.00000	3.97E-14	-327.431030				
0.50000	-11.925000	357.796875			-4.33E-14	
0.00000	4.15E-14	-342.894434				
0.75000	-11.925000	366.492188			-4.44E-14	
0.00000	4.34E-14	-358.738257				
1.00000	-11.925000	375.187500			-4.54E-14	
0.00000	4.54E-14	-374.962500				

COMB ULO14 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-11.925000	340.406250			-4.12E-14	
0.00000	3.78E-14	-312.348047				
0.25000	-11.925000	349.101563			-4.23E-14	
0.00000	3.97E-14	-327.431030				
0.50000	-11.925000	357.796875			-4.33E-14	
0.00000	4.15E-14	-342.894434				
0.75000	-11.925000	366.492188			-4.44E-14	
0.00000	4.34E-14	-358.738257				
1.00000	-11.925000	375.187500			-4.54E-14	
0.00000	4.54E-14	-374.962500				

COMB ULO15 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	-11.925000	340.406250			-4.12E-14	
0.00000	3.78E-14	-312.348047				
0.25000	-11.925000	349.101563			-4.23E-14	
0.00000	3.97E-14	-327.431030				
0.50000	-11.925000	357.796875			-4.33E-14	
0.00000	4.15E-14	-342.894434				
0.75000	-11.925000	366.492188			-4.44E-14	
0.00000	4.34E-14	-358.738257				
1.00000	-11.925000	375.187500			-4.54E-14	
0.00000	4.54E-14	-374.962500				

COMB ULO15 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-11.925000	340.406250			-4.12E-14	
0.00000	3.78E-14	-312.348047				
0.25000	-11.925000	349.101563			-4.23E-14	
0.00000	3.97E-14	-327.431030				
0.50000	-11.925000	357.796875			-4.33E-14	
0.00000	4.15E-14	-342.894434				
0.75000	-11.925000	366.492188			-4.44E-14	
0.00000	4.34E-14	-358.738257				
1.00000	-11.925000	375.187500			-4.54E-14	
0.00000	4.54E-14	-374.962500				

COMB ULO16 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.27E-11	272.325000			-3.30E-14	
0.00000	3.03E-14	-249.878437				
0.25000	1.27E-11	279.281250			-3.38E-14	
0.00000	3.17E-14	-261.944824				
0.50000	1.27E-11	286.237500			-3.47E-14	
0.00000	3.32E-14	-274.315547				
0.75000	1.27E-11	293.193750			-3.55E-14	
0.00000	3.48E-14	-286.990605				
1.00000	1.27E-11	300.150000			-3.64E-14	
0.00000	3.63E-14	-299.970000				

COMB ULO16 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.27E-11	272.325000			-3.30E-14	
0.00000	3.03E-14	-249.878437				
0.25000	1.27E-11	279.281250			-3.38E-14	
0.00000	3.17E-14	-261.944824				
0.50000	1.27E-11	286.237500			-3.47E-14	
0.00000	3.32E-14	-274.315547				
0.75000	1.27E-11	293.193750			-3.55E-14	
0.00000	3.48E-14	-286.990605				
1.00000	1.27E-11	300.150000			-3.64E-14	
0.00000	3.63E-14	-299.970000				

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COMB ULO17 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	-2.36E-12	354.022500			-4.29E-14	
0.00000	3.93E-14	-324.841969				
0.25000	-2.36E-12	363.065625			-4.40E-14	
0.00000	4.12E-14	-340.528271				
0.50000	-2.36E-12	372.108750			-4.51E-14	
0.00000	4.32E-14	-356.610211				
0.75000	-2.36E-12	381.151875			-4.62E-14	
0.00000	4.52E-14	-373.087787				
1.00000	-2.36E-12	390.195000			-4.73E-14	
0.00000	4.72E-14	-389.961000				

COMB ULO17 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-2.36E-12	354.022500			-4.29E-14	
0.00000	3.93E-14	-324.841969				
0.25000	-2.36E-12	363.065625			-4.40E-14	
0.00000	4.12E-14	-340.528271				
0.50000	-2.36E-12	372.108750			-4.51E-14	
0.00000	4.32E-14	-356.610211				
0.75000	-2.36E-12	381.151875			-4.62E-14	
0.00000	4.52E-14	-373.087787				
1.00000	-2.36E-12	390.195000			-4.73E-14	
0.00000	4.72E-14	-389.961000				

COMB ULO18 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	-22.896000	326.790000			-3.96E-14	
0.00000	3.63E-14	-299.854125				
0.25000	-22.896000	335.137500			-4.06E-14	
0.00000	3.81E-14	-314.333789				
0.50000	-22.896000	343.485000			-4.16E-14	
0.00000	3.99E-14	-329.178656				
0.75000	-22.896000	351.832500			-4.26E-14	
0.00000	4.17E-14	-344.388727				
1.00000	-22.896000	360.180000			-4.36E-14	
0.00000	4.36E-14	-359.964000				

COMB ULO18 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-22.896000	326.790000			-3.96E-14	
0.00000	3.63E-14	-299.854125				
0.25000	-22.896000	335.137500			-4.06E-14	
0.00000	3.81E-14	-314.333789				
0.50000	-22.896000	343.485000			-4.16E-14	
0.00000	3.99E-14	-329.178656				
0.75000	-22.896000	351.832500			-4.26E-14	
0.00000	4.17E-14	-344.388727				
1.00000	-22.896000	360.180000			-4.36E-14	
0.00000	4.36E-14	-359.964000				

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COMB	ULB05	-----	MAX	
REL DIST	T	P	V2	V3
0.00000	2.36E-11	8471.372	M3	9.364680
-1.18E-12	-9.359064	-389.961000	M2	
0.25000	2.36E-11	8512.712	M3	10.356840
-1.18E-12	-11.331216	-2088.369	M2	
0.50000	2.36E-11	8554.052	M3	11.349000
-1.18E-12	-13.501800	-3795.046	M2	
0.75000	2.36E-11	8595.392	M3	12.341160
-1.18E-12	-15.870816	-5509.990	M2	
1.00000	2.36E-11	8636.732	M3	13.333320
-1.18E-12	-18.438264	-7233.203	M2	

COMB	ULB05	-----	MIN	
REL DIST	T	P	V2	V3
0.00000	2.36E-11	8471.372	M3	9.364680
-1.18E-12	-9.359064	-389.961000	M2	
0.25000	2.36E-11	8512.712	M3	10.356840
-1.18E-12	-11.331216	-2088.369	M2	
0.50000	2.36E-11	8554.052	M3	11.349000
-1.18E-12	-13.501800	-3795.046	M2	
0.75000	2.36E-11	8595.392	M3	12.341160
-1.18E-12	-15.870816	-5509.990	M2	
1.00000	2.36E-11	8636.732	M3	13.333320
-1.18E-12	-18.438264	-7233.203	M2	

COMB	ULB06	-----	MAX	
REL DIST	T	P	V2	V3
0.00000	7.09E-12	11097.281	M3	404.058200
554.368100	4.72E-14	-389.961000	M2	
0.25000	7.09E-12	11138.621	M3	404.058200
554.368100	-80.811640	-2613.551	M2	
0.50000	7.09E-12	11179.961	M3	404.058200
554.368100	-161.623280	-4845.409	M2	
0.75000	7.09E-12	11221.301	M3	404.058200
554.368100	-242.434920	-7085.536	M2	
1.00000	7.09E-12	11262.641	M3	404.058200
554.368100	-323.246560	-9333.930	M2	

COMB	ULB06	-----	MIN	
REL DIST	T	P	V2	V3
0.00000	7.09E-12	11097.281	M3	404.058200
554.368100	4.72E-14	-389.961000	M2	
0.25000	7.09E-12	11138.621	M3	404.058200
554.368100	-80.811640	-2613.551	M2	
0.50000	7.09E-12	11179.961	M3	404.058200
554.368100	-161.623280	-4845.409	M2	
0.75000	7.09E-12	11221.301	M3	404.058200
554.368100	-242.434920	-7085.536	M2	
1.00000	7.09E-12	11262.641	M3	404.058200
554.368100	-323.246560	-9333.930	M2	

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COMB	ULB07	-----	MAX	
REL DIST	T	P	V2	V3
0.00000	7.09E-12	11097.281	M3	-1.34E-12
-7.18E-30	4.72E-14	-389.961000	M2	
0.25000	7.09E-12	11138.621	M3	-1.35E-12
-7.18E-30	3.17E-13	-2613.551	M2	
0.50000	7.09E-12	11179.961	M3	-1.35E-12
-7.18E-30	5.87E-13	-4845.409	M2	
0.75000	7.09E-12	11221.301	M3	-1.36E-12
-7.18E-30	8.58E-13	-7085.536	M2	
1.00000	7.09E-12	11262.641	M3	-1.36E-12
-7.18E-30	1.13E-12	-9333.930	M2	

COMB	ULB07	-----	MIN	
REL DIST	T	P	V2	V3
0.00000	7.09E-12	11097.281	M3	-1.34E-12
-7.18E-30	4.72E-14	-389.961000	M2	
0.25000	7.09E-12	11138.621	M3	-1.35E-12
-7.18E-30	3.17E-13	-2613.551	M2	
0.50000	7.09E-12	11179.961	M3	-1.35E-12
-7.18E-30	5.87E-13	-4845.409	M2	
0.75000	7.09E-12	11221.301	M3	-1.36E-12
-7.18E-30	8.58E-13	-7085.536	M2	
1.00000	7.09E-12	11262.641	M3	-1.36E-12
-7.18E-30	1.13E-12	-9333.930	M2	

COMB	ULB08	-----	MAX	
REL DIST	T	P	V2	V3
0.00000	2.36E-11	8471.372	M3	404.058200
554.368100	4.72E-14	-389.961000	M2	
0.25000	2.36E-11	8512.712	M3	404.058200
554.368100	-80.811640	-2088.369	M2	
0.50000	2.36E-11	8554.052	M3	404.058200
554.368100	-161.623280	-3795.046	M2	
0.75000	2.36E-11	8595.392	M3	404.058200
554.368100	-242.434920	-5509.990	M2	
1.00000	2.36E-11	8636.732	M3	404.058200
554.368100	-323.246560	-7233.203	M2	

COMB	ULB08	-----	MIN	
REL DIST	T	P	V2	V3
0.00000	2.36E-11	8471.372	M3	404.058200
554.368100	4.72E-14	-389.961000	M2	
0.25000	2.36E-11	8512.712	M3	404.058200
554.368100	-80.811640	-2088.369	M2	
0.50000	2.36E-11	8554.052	M3	404.058200
554.368100	-161.623280	-3795.046	M2	
0.75000	2.36E-11	8595.392	M3	404.058200
554.368100	-242.434920	-5509.990	M2	
1.00000	2.36E-11	8636.732	M3	404.058200
554.368100	-323.246560	-7233.203	M2	

COMB	ULB09	-----	MAX	
REL DIST	T	P	V2	V3
0.00000	2.36E-11	8471.372	M3	-1.03E-12
-4.10E-30	4.72E-14	-389.961000	M2	
0.25000	2.36E-11	8512.712	M3	-1.03E-12
-4.10E-30	2.53E-13	-2088.369	M2	
0.50000	2.36E-11	8554.052	M3	-1.04E-12
-4.10E-30	4.60E-13	-3795.046	M2	
0.75000	2.36E-11	8595.392	M3	-1.04E-12
-4.10E-30	6.67E-13	-5509.990	M2	
1.00000	2.36E-11	8636.732	M3	-1.05E-12
-4.10E-30	8.76E-13	-7233.203	M2	

COMB	ULB09	-----	MIN	
REL DIST	T	P	V2	V3
0.00000	2.36E-11	8471.372	M3	-1.03E-12
-4.10E-30	4.72E-14	-389.961000	M2	

0.25000	2.36E-11	8512.712	M3	-1.03E-12
-4.10E-30	2.53E-13	-2088.369	M2	
0.50000	2.36E-11	8554.052	M3	-1.04E-12
-4.10E-30	4.60E-13	-3795.046	M2	
0.75000	2.36E-11	8595.392	M3	-1.04E-12
-4.10E-30	6.67E-13	-5509.990	M2	
1.00000	2.36E-11	8636.732	M3	-1.05E-12
-4.10E-30	8.76E-13	-7233.203	M2	

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FRAME ELEMENT INTERNAL FORCES

COMB	ULB10	-----	MAX	
REL DIST	T	P	V2	V3
0.00000	2.27E-11	8145.550	M3	406.526500
533.046250	-17.998200	-374.962500	M2	
0.25000	2.27E-11	8185.300	M3	408.434500
533.046250	-99.494300	-2008.047	M2	
0.50000	2.27E-11	8225.050	M3	410.342500
533.046250	-181.372000	-3649.082	M2	
0.75000	2.27E-11	8264.800	M3	412.250500
533.046250	-263.631300	-5298.067	M2	
1.00000	2.27E-11	8304.550	M3	414.158500
533.046250	-346.272200	-6955.003	M2	

COMB	ULB10	-----	MIN	
REL DIST	T	P	V2	V3
0.00000	2.27E-11	8145.550	M3	406.526500
533.046250	-17.998200	-374.962500	M2	
0.25000	2.27E-11	8185.300	M3	408.434500
533.046250	-99.494300	-2008.047	M2	
0.50000	2.27E-11	8225.050	M3	410.342500
533.046250	-181.372000	-3649.082	M2	
0.75000	2.27E-11	8264.800	M3	412.250500
533.046250	-263.631300	-5298.067	M2	
1.00000	2.27E-11	8304.550	M3	414.158500
533.046250	-346.272200	-6955.003	M2	

COMB	ULB11	-----	MAX	
REL DIST	T	P	V2	V3
0.00000	2.27E-11	8145.550	M3	18.009000
-2.27E-12	-17.998200	-374.962500	M2	
0.25000	2.27E-11	8185.300	M3	19.917000
-2.27E-12	-21.790800	-2008.047	M2	
0.50000	2.27E-11	8225.050	M3	21.825000
-2.27E-12	-25.965000	-3649.082	M2	
0.75000	2.27E-11	8264.800	M3	23.733000
-2.27E-12	-30.520800	-5298.067	M2	
1.00000	2.27E-11	8304.550	M3	25.641000
-2.27E-12	-35.458200	-6955.003	M2	

COMB	ULB11	-----	MIN	
REL DIST	T	P	V2	V3
0.00000	2.27E-11	8145.550	M3	18.009000
-2.27E-12	-17.998200	-374.962500	M2	
0.25000	2.27E-11	8185.300	M3	19.917000
-2.27E-12	-21.790800	-2008.047	M2	
0.50000	2.27E-11	8225.050	M3	21.825000
-2.27E-12	-25.965000	-3649.082	M2	
0.75000	2.27E-11	8264.800	M3	23.733000
-2.27E-12	-30.520800	-5298.067	M2	
1.00000	2.27E-11	8304.550	M3	25.641000
-2.27E-12	-35.458200	-6955.003	M2	

COMB	ULB12	-----	MAX	
REL DIST	T	P	V2	V3
0.00000	6.82E-12	10670.463	M3	397.522000
533.046250	-8.999100	-374.962500	M2	
0.25000	6.82E-12	10710.213	M3	398.476000
533.046250	-88.598900	-2513.030	M2	
0.50000	6.82E-12	10749.963	M3	399.430000
533.046250	-168.389500	-4659.047	M2	
0.75000	6.82E-12	10789.713	M3	400.384000
533.046250	-248.370900	-6813.015	M2	
1.00000	6.82E-12	10829.463	M3	401.338000
533.046250	-328.543100	-8974.933	M2	

COMB	ULB12	-----	MIN	
REL DIST	T	P	V2	V3
0.00000	6.82E-12	10670.463	M3	397.522000
533.046250	-8.999100	-374.962500	M2	
0.25000	6.82E-12	10710.213	M3	398.476000
533.046250	-88.598900	-2513.030	M2	
0.50000	6.82E-12	10749.963	M3	399.430000
533.046250	-168.389500	-4659.047	M2	
0.75000	6.82E-12	10789.713	M3	400.384000
533.046250	-248.370900	-6813.015	M2	
1.00000	6.82E-12	10829.463	M3	401.338000
533.046250	-328.543100	-8974.933	M2	

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FRAME ELEMENT INTERNAL FORCES

COMB	ULB13	-----	MAX	
REL DIST	T	P	V2	V3
0.00000	6.82E-12	10670.463	M3	9.004500
-1.14E-12	-8.999100	-374.962500	M2	
0.25000	6.82E-12	10710.213	M3	9.958500
-1.14E-12	-10.895400	-2513.030	M2	
0.50000	6.82E-12	10749.963	M3	10.912500
-1.14E-12	-12.982500	-4659.047	M2	
0.75000	6.82E-12	10789.713	M3	11.866500
-1.14E-12	-15.260400	-6813.015	M2	
1.00000	6.82E-12	10829.463	M3	12.820500
-1.14E-12	-17.729100	-8974.933	M2	

REL DIST	T	P	V2	V3
		M2	M3	
0.00000		6.82E-12	10670.463	9.004500
-1.14E-12		-8.999100	-374.962500	
0.25000		6.82E-12	10710.213	9.958500
-1.14E-12		-10.142100	-25.131000	
0.50000		6.82E-12	10749.963	10.912500
-1.14E-12		-12.982500	-4659.407	
0.75000		6.82E-12	10789.713	11.866500
-1.14E-12		-15.260400	-6813.015	
1.00000		6.82E-12	10829.463	12.820500
-1.14E-12		-17.729100	-8974.933	
COMB	ULB14	-----	MAX	

0.00000 -223.923000 6516.440 -7.89E-13
-5.92E-30 -6.21E-14 512.360000
0.25000 -223.923000 6548.240 -7.93E-13
-5.92E-30 -6.21E-14 512.360000
0.50000 -223.923000 6580.040 -7.97E-13
-5.92E-30 2.55E-13 -2106.936
0.75000 -223.923000 6611.840 -8.01E-13
-5.92E-30 4.15E-13 -3426.124
1.00000 -223.923000 6643.640 -8.05E-13
-5.92E-30 5.75E-13 -4751.672

COMB SVO06 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 8.44E-11 8536.370 -1.03E-12
-6.32E-30 3.63E-14 -299.970000
0.25000 8.44E-11 8568.170 -1.04E-12
-6.32E-30 2.43E-13 -2010.424
0.50000 8.44E-11 8599.970 -1.04E-12
0.75000 4.51E-13 -3727.238 -1.05E-12
0.75000 8.44E-11 8631.770 -1.05E-12
-6.32E-30 6.60E-13 -5450.412
1.00000 8.44E-11 8663.570 -1.05E-12
-6.32E-30 8.70E-13 -7179.946

COMB SVO06 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 8.44E-11 8536.370 -1.03E-12
-6.32E-30 3.63E-14 -299.970000
0.25000 8.44E-11 8568.170 -1.04E-12
-6.32E-30 2.43E-13 -2010.424
0.50000 8.44E-11 8599.970 -1.04E-12
-6.32E-30 4.51E-13 -3727.238 -1.05E-12
0.75000 8.44E-11 8631.770 -1.05E-12
-6.32E-30 6.60E-13 -5450.412
1.00000 8.44E-11 8663.570 -1.05E-12
-6.32E-30 8.70E-13 -7179.946
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COMB SVO07 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 4.32E-12 8536.370 -1.03E-12
-5.53E-30 3.63E-14 -299.970000
0.25000 4.32E-12 8568.170 -1.04E-12
-5.53E-30 2.43E-13 -2010.424
0.50000 4.32E-12 8599.970 -1.04E-12
-5.53E-30 4.51E-13 -3727.238 -1.05E-12
0.75000 4.32E-12 8631.770 -1.05E-12
-5.53E-30 6.60E-13 -5450.412
1.00000 4.32E-12 8663.570 -1.05E-12
-5.53E-30 8.70E-13 -7179.946

COMB SVO07 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 4.32E-12 8536.370 -1.03E-12
-5.53E-30 3.63E-14 -299.970000
0.25000 4.32E-12 8568.170 -1.04E-12
-5.53E-30 2.43E-13 -2010.424
0.50000 4.32E-12 8599.970 -1.04E-12
-5.53E-30 4.51E-13 -3727.238 -1.05E-12
0.75000 4.32E-12 8631.770 -1.05E-12
-5.53E-30 6.60E-13 -5450.412
1.00000 4.32E-12 8663.570 -1.05E-12
-5.53E-30 8.70E-13 -7179.946

COMB SVO08 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 9.71E-11 6516.440 -7.89E-13
-3.95E-30 3.63E-14 -299.970000
0.25000 9.71E-11 6548.240 -7.93E-13
-3.95E-30 1.95E-13 -1606.438
0.50000 9.71E-11 6580.040 -7.97E-13
-3.95E-30 3.54E-13 -2919.266
0.75000 9.71E-11 6611.840 -8.01E-13
-3.95E-30 5.13E-13 -4238.454
1.00000 9.71E-11 6643.640 -8.05E-13
-3.95E-30 6.74E-13 -5564.002

COMB SVO08 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 9.71E-11 6516.440 -7.89E-13
-3.95E-30 3.63E-14 -299.970000
0.25000 9.71E-11 6548.240 -7.93E-13
-3.95E-30 1.95E-13 -1606.438
0.50000 9.71E-11 6580.040 -7.97E-13
-3.95E-30 3.54E-13 -2919.266
0.75000 9.71E-11 6611.840 -8.01E-13
-3.95E-30 5.13E-13 -4238.454
1.00000 9.71E-11 6643.640 -8.05E-13
-3.95E-30 6.74E-13 -5564.002

COMB SVO09 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 1.71E-11 6516.440 -7.89E-13
-3.16E-30 3.63E-14 -299.970000
0.25000 1.71E-11 6548.240 -7.93E-13
-3.16E-30 1.95E-13 -1606.438
0.50000 1.71E-11 6580.040 -7.97E-13
-3.16E-30 3.54E-13 -2919.266
0.75000 1.71E-11 6611.840 -8.01E-13
-3.16E-30 5.13E-13 -4238.454
1.00000 1.71E-11 6643.640 -8.05E-13
-3.16E-30 6.74E-13 -5564.002

COMB SVO09 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 1.71E-11 6516.440 -7.89E-13
-3.16E-30 3.63E-14 -299.970000
0.25000 1.71E-11 6548.240 -7.93E-13
-3.16E-30 1.95E-13 -1606.438
0.50000 1.71E-11 6580.040 -7.97E-13
-3.16E-30 3.54E-13 -2919.266
0.75000 1.71E-11 6611.840 -8.01E-13
-3.16E-30 5.13E-13 -4238.454
1.00000 1.71E-11 6643.640 -8.05E-13
-3.16E-30 6.74E-13 -5564.002
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COMB SVO10 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -369.846000 6516.440 -7.89E-13
-8.68E-30 -1.06E-13 879.310000
0.25000 -369.846000 6548.240 -7.93E-13
-8.68E-30 5.17E-14 -427.158000
0.50000 -369.846000 6580.040 -7.97E-13
-8.68E-30 2.11E-13 -1739.986
0.75000 -369.846000 6611.840 -8.01E-13
-8.68E-30 3.70E-13 -3059.174
1.00000 -369.846000 6643.640 -8.05E-13
-8.68E-30 5.31E-13 -4384.722

COMB SVO10 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -369.846000 6516.440 -7.89E-13
-8.68E-30 -1.06E-13 879.310000
0.25000 -369.846000 6548.240 -7.93E-13
-8.68E-30 5.17E-14 -427.158000
0.50000 -369.846000 6580.040 -7.97E-13
-8.68E-30 2.11E-13 -1739.986
0.75000 -369.846000 6611.840 -8.01E-13
-8.68E-30 3.70E-13 -3059.174
1.00000 -369.846000 6643.640 -8.05E-13
-8.68E-30 5.31E-13 -4384.722

COMB SVO11 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -369.846000 6516.440 -7.89E-13
-8.68E-30 -1.06E-13 879.310000
0.25000 -369.846000 6548.240 -7.93E-13
-8.68E-30 5.17E-14 -427.158000
0.50000 -369.846000 6580.040 -7.97E-13
-8.68E-30 2.11E-13 -1739.986
0.75000 -369.846000 6611.840 -8.01E-13
-8.68E-30 3.70E-13 -3059.174
1.00000 -369.846000 6643.640 -8.05E-13
-8.68E-30 5.31E-13 -4384.722

COMB SVO11 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -369.846000 6516.440 -7.89E-13
-8.68E-30 -1.06E-13 879.310000
0.25000 -369.846000 6548.240 -7.93E-13
-8.68E-30 5.17E-14 -427.158000
0.50000 -369.846000 6580.040 -7.97E-13
-8.68E-30 2.11E-13 -1739.986
0.75000 -369.846000 6611.840 -8.01E-13
-8.68E-30 3.70E-13 -3059.174
1.00000 -369.846000 6643.640 -8.05E-13
-8.68E-30 5.31E-13 -4384.722

COMB SVO12 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -223.923000 8536.370 -1.03E-12
-9.08E-30 -6.21E-14 512.360000
0.25000 -223.923000 8568.170 -1.04E-12
-9.08E-30 1.45E-13 -1198.094
0.50000 -223.923000 8599.970 -1.04E-12
-9.08E-30 3.53E-13 -2914.908
0.75000 -223.923000 8631.770 -1.05E-12
-9.08E-30 5.62E-13 -4638.082
1.00000 -223.923000 8663.570 -1.05E-12
-9.08E-30 7.71E-13 -6367.616

COMB SVO12 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -223.923000 8536.370 -1.03E-12
-9.08E-30 -6.21E-14 512.360000
0.25000 -223.923000 8568.170 -1.04E-12
-9.08E-30 1.45E-13 -1198.094
0.50000 -223.923000 8599.970 -1.04E-12
-9.08E-30 3.53E-13 -2914.908
0.75000 -223.923000 8631.770 -1.05E-12
-9.08E-30 5.62E-13 -4638.082
1.00000 -223.923000 8663.570 -1.05E-12
-9.08E-30 7.71E-13 -6367.616

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COMB SVO13 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -223.923000 8536.370 -1.03E-12
-8.29E-30 -6.21E-14 512.360000
0.25000 -223.923000 8568.170 -1.04E-12
-8.29E-30 1.45E-13 -1198.094
0.50000 -223.923000 8599.970 -1.04E-12
-8.29E-30 3.53E-13 -2914.908
0.75000 -223.923000 8631.770 -1.05E-12
-8.29E-30 5.62E-13 -4638.082
1.00000 -223.923000 8663.570 -1.05E-12
-8.29E-30 7.71E-13 -6367.616

COMB SVO13 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -223.923000 8536.370 -1.03E-12
-8.29E-30 -6.21E-14 512.360000
0.25000 -223.923000 8568.170 -1.04E-12
-8.29E-30 1.45E-13 -1198.094
0.50000 -223.923000 8599.970 -1.04E-12
-8.29E-30 3.53E-13 -2914.908
0.75000 -223.923000 8631.770 -1.05E-12
-8.29E-30 5.62E-13 -4638.082
1.00000 -223.923000 8663.570 -1.05E-12
-8.29E-30 7.71E-13 -6367.616

COMB SVO14 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -223.923000 8536.370 -1.03E-12
-8.29E-30 -6.21E-14 512.360000
0.25000 -223.923000 8568.170 -1.04E-12
-8.29E-30 1.45E-13 -1198.094
0.50000 -223.923000 8599.970 -1.04E-12
-8.29E-30 3.53E-13 -2914.908
0.75000 -223.923000 8631.770 -1.05E-12
-8.29E-30 5.62E-13 -4638.082
1.00000 -223.923000 8663.570 -1.05E-12
-8.29E-30 7.71E-13 -6367.616

COMB SVO14 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -223.923000 8536.370 -1.03E-12
-8.29E-30 -6.21E-14 512.360000
0.25000 -223.923000 8568.170 -1.04E-12
-8.29E-30 1.45E-13 -1198.094
0.50000 -223.923000 8599.970 -1.04E-12
-8.29E-30 3.53E-13 -2914.908
0.75000 -223.923000 8631.770 -1.05E-12
-8.29E-30 5.62E-13 -4638.082
1.00000 -223.923000 8663.570 -1.05E-12
-8.29E-30 7.71E-13 -6367.616

-6.71E-30 2.55E-13 -2106.936
0.75000 -223.923000 6611.840 -8.01E-13
-6.71E-30 4.15E-13 -3426.124
1.00000 -223.923000 6643.640 -8.05E-13
-6.71E-30 5.75E-13 -4751.672

COMB SVO15 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -223.923000 6516.440 -7.89E-13
-5.92E-30 -6.21E-14 512.360000
0.25000 -223.923000 6548.240 -7.93E-13
-5.92E-30 9.62E-14 -794.108000
0.50000 -223.923000 6580.040 -7.97E-13
-5.92E-30 2.55E-13 -2106.936
0.75000 -223.923000 6611.840 -8.01E-13
-5.92E-30 4.15E-13 -3426.124
1.00000 -223.923000 6643.640 -8.05E-13
-5.92E-30 5.75E-13 -4751.672

COMB SVO15 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -223.923000 6516.440 -7.89E-13
-5.92E-30 -6.21E-14 512.360000
0.25000 -223.923000 6548.240 -7.93E-13
-5.92E-30 9.62E-14 -794.108000
0.50000 -223.923000 6580.040 -7.97E-13
-5.92E-30 2.55E-13 -2106.936
0.75000 -223.923000 6611.840 -8.01E-13
-5.92E-30 4.15E-13 -3426.124
1.00000 -223.923000 6643.640 -8.05E-13
-5.92E-30 5.75E-13 -4751.672

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: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체 308

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

COMB ULO01 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -5.21E-12 12814.222 -1.55E-12
-9.20E-30 4.72E-14 -389.961000
0.25000 -5.21E-12 12855.562 -1.56E-12
-9.20E-30 3.58E-13 -2956.939
0.50000 -5.21E-12 12896.902 -1.56E-12
-9.20E-30 6.70E-13 -5532.186
0.75000 -5.21E-12 12938.242 -1.57E-12
-9.20E-30 9.83E-13 -8115.700
1.00000 -5.21E-12 12979.582 -1.57E-12
-9.20E-30 1.30E-12 -10707.482

COMB ULO01 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -5.21E-12 12814.222 -1.55E-12
-9.20E-30 4.72E-14 -389.961000
0.25000 -5.21E-12 12855.562 -1.56E-12
-9.20E-30 3.58E-13 -2956.939
0.50000 -5.21E-12 12896.902 -1.56E-12
-9.20E-30 6.70E-13 -5532.186
0.75000 -5.21E-12 12938.242 -1.57E-12
-9.20E-30 9.83E-13 -8115.700
1.00000 -5.21E-12 12979.582 -1.57E-12
-9.20E-30 1.30E-12 -10707.482

COMB ULO02 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 2.22E-11 8471.372 -1.03E-12
-4.11E-30 4.72E-14 -389.961000
0.25000 2.22E-11 8512.712 -1.03E-12
-4.11E-30 2.53E-13 -2088.369
0.50000 2.22E-11 8554.052 -1.04E-12
-4.11E-30 4.60E-13 -3795.046
0.75000 2.22E-11 8595.392 -1.04E-12
-4.11E-30 6.67E-13 -5509.990
1.00000 2.22E-11 8636.732 -1.05E-12
-4.11E-30 8.76E-13 -7233.203

COMB ULO02 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 2.22E-11 8471.372 -1.03E-12
-4.11E-30 4.72E-14 -389.961000
0.25000 2.22E-11 8512.712 -1.03E-12
-4.11E-30 2.53E-13 -2088.369
0.50000 2.22E-11 8554.052 -1.04E-12
-4.11E-30 4.60E-13 -3795.046
0.75000 2.22E-11 8595.392 -1.04E-12
-4.11E-30 6.67E-13 -5509.990
1.00000 2.22E-11 8636.732 -1.05E-12
-4.11E-30 8.76E-13 -7233.203

COMB ULO03 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -480.799800 8471.372 -1.03E-12
-1.03E-29 -1.38E-13 1143.103
0.25000 -480.799800 8512.712 -1.03E-12
-1.03E-29 6.73E-14 -555.305400
0.50000 -480.799800 8554.052 -1.04E-12
-1.03E-29 2.74E-13 -2261.982
0.75000 -480.799800 8595.392 -1.04E-12
-1.03E-29 4.82E-13 -3976.926
1.00000 -480.799800 8636.732 -1.05E-12
-1.03E-29 6.90E-13 -5700.139

COMB ULO03 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -480.799800 8471.372 -1.03E-12
-1.03E-29 -1.38E-13 1143.103
0.25000 -480.799800 8512.712 -1.03E-12
-1.03E-29 6.73E-14 -555.305400
0.50000 -480.799800 8554.052 -1.04E-12
-1.03E-29 2.74E-13 -2261.982
0.75000 -480.799800 8595.392 -1.04E-12
-1.03E-29 4.82E-13 -3976.926
1.00000 -480.799800 8636.732 -1.05E-12
-1.03E-29 6.90E-13 -5700.139

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

COMB ULO04 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -291.099900 11097.281 -1.34E-12
-1.08E-29 -8.07E-14 666.068000
0.25000 -291.099900 11138.621 -1

[illegible]

0.16E+30

3.54E-13

-2919.266

0.75000

1.67E-11

6611.840

-8.01E-13

-3.16E-30

5.13E-13

-4238.454

1.00000

1.67E-11

6643.640

-8.05E-13

-3.16E-30

6.74E-13

-5564.002

COMB

UEO09

MIN

REL DIST

T

P

M2

V2

V3

0.00000

1.67E-11

6516.440

-7.89E-13

-3.16E-30

3.63E-14

-299.70000

0.25000

1.67E-11

6516.440

-7.93E-13

0.50000

1.67E-11

6580.040

-7.97E-13

-3.16E-30

3.54E-13

-2919.266

0.75000

1.67E-11

6611.840

-8.01E-13

-1.06E-30

5.13E-13

-4238.454

1.00000

1.67E-11

6643.640

-8.05E-13

-3.16E-30

6.74E-13

-5564.002

Program

SAP2000

Nonlinear

Version 7.42

File:

정도1교상행_P9_본체

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데이타파일 : 교각 본체

FRAME ELEMENT INTERNAL FORCES

COMB

UEO10

MAX

REL DIST

T

P

M2

V2

V3

0.00000

-462.307500

6190.618

-7.50E-13

-9.91E-30

1.44E-13

1189.128

-7.53E-13

0.25000

-462.307500

6220.828

-7.53E-13

-9.91E-30

6.30E-15

-52.016100

0.50000

-462.307500

6251.038

-7.57E-13

-9.91E-30

1.57E-13

-1299.203

-7.61E-13

0.75000

-462.307500

6281.248

-7.61E-13

-9.91E-30

3.09E-13

-2552.431

-7.64E-13

1.00000

-462.307500

6311.458

-9.91E-30

4.62E-13

-3811.702

COMB

UEO10

MIN

REL DIST

T

P

M2

V2

V3

0.00000

-462.307500

6190.618

-7.50E-13

-9.91E-30

1.44E-13

1189.128

-7.53E-13

0.25000

-462.307500

6220.828

-7.53E-13

-9.91E-30

6.30E-15

-52.016100

0.50000

-462.307500

6251.038

-7.57E-13

-9.91E-30

1.57E-13

-1299.203

-7.61E-13

0.75000

-462.307500

6281.248

-7.61E-13

-9.91E-30

3.09E-13

-2552.431

-7.64E-13

1.00000

-462.307500

6311.458

-9.91E-30

4.62E-13

-3811.702

COMB

UEO11

MAX

REL DIST

T

P

M2

V2

V3

0.00000

-462.307500

6190.618

-7.50E-13

-9.92E-30

1.44E-13

1189.128

-7.53E-13

0.25000

-462.307500

6220.828

-7.53E-13

-9.92E-30

6.30E-15

-52.016100

0.50000

-462.307500

6251.038

-7.57E-13

-9.92E-30

1.57E-13

-1299.203

-7.61E-13

0.75000

-462.307500

6281.248

-7.61E-13

-9.92E-30

3.09E-13

-2552.431

-7.64E-13

1.00000

-462.307500

6311.458

-9.92E-30

4.62E-13

-3811.702

COMB

UEO11

MIN

REL DIST

T

P

M2

V2

V3

0.00000

-462.307500

6190.618

-7.50E-13

-9.92E-30

1.44E-13

1189.128

-7.53E-13

0.25000

-462.307500

6220.828

-7.53E-13

-9.92E-30

6.30E-15

-52.016100

0.50000

-462.307500

6251.038

-7.57E-13

-9.92E-30

1.57E-13

-1299.203

-7.61E-13

0.75000

-462.307500

6281.248

-7.61E-13

-9.92E-30

3.09E-13

-2552.431

-7.64E-13

1.00000

-462.307500

6311.458

-9.92E-30

4.62E-13

-3811.702

COMB

UEO12

MIN

REL DIST

T

P

M2

V2

V3

0.00000

-279.903750

8715.531

-1.06E-12

-1.04E-29

-8.85E-14

730.441000

-1.06E-12

0.25000

-279.903750

8745.741

-1.06E-12

-1.04E-29

1.23E-13

-1015.686

0.50000

-279.903750

8775.951

-1.06E-12

-1.04E-29

3.35E-13

-2767.855

-1.07E-12

0.75000

-279.903750

8806.161

-1.07E-12

-1.04E-29

5.48E-13

-4526.066

-1.07E-12

1.00000

-279.903750

8836.371

-1.07E-12

-1.04E-29

7.62E-13

-6290.319

COMB

UEO12

MIN

REL DIST

T

P

M2

V2

V3

0.00000

-279.903750

8715.531

-1.06E-12

-1.04E-29

-8.85E-14

730.441000

-1.06E-12

0.25000

-279.903750

8745.741

-1.06E-12

-1.04E-29

1.23E-13

-1015.686

0.50000

-279.903750

8775.951

-1.06E-12

-1.04E-29

3.35E-13

-2767.855

-1.07E-12

0.75000

-279.903750

8806.161

-1.07E-12

-1.04E-29

5.48E-13

-4526.066

-1.07E-12

1.00000

-279.903750

8836.371

-1.07E-12

-1.04E-29

7.62E-13

-6290.319

COMB

UEO13

MIN

REL DIST

T

P

M2

V2

V3

0.00000

-279.903750

8715.531

-1.06E-12

-1.04E-29

-8.85E-14

730.441000

-1.06E-12

0.25000

-279.903750

8745.741

-1.06E-12

-1.04E-29

1.23E-13

-1015.686

0.50000

-279.903750

8775.951

-1.06E-12

-1.04E-29

3.35E-13

-2767.855

-1.07E-12

0.75000

-279.903750

8806.161

-1.07E-12

-1.04E-29

5.48E-13

-4526.066

-1.07E-12

1.00000

-279.903750

8836.371

-1.07E-12

-1.04E-29

7.62E-13

-6290.319

COMB

UEO13

MIN

REL DIST

T

P

M2

V2

V3

0.00000

-279.903750

8715.531

-1.06E-12

-1.04E-29

-8.85E-14

730.441000

-1.06E-12

0.25000

-279.903750

8745.741

-1.06E-12

-1.04E-29

1.23E-13

-1015.686

0.50000

-279.903750

8775.951

-1.06E-12

-1.04E-29

3.35E-13

-2767.855

-1.07E-12

0.75000

-279.903750

8806.161

-1.07E-12

-1.04E-29

5.48E-13

-4526.066

-1.07E-12

1.00000

-279.903750

8836.371

-1.07E-12

-1.04E-29

7.62E-13

-6290.319

COMB

UEO14

MAX

REL DIST

T

P

M2

V2

V3

0.00000

-279.903750

6190.618

-7.50E-13

-7.44E-30

8.85E-14

730.441000

0.25000

-279.903750

6220.828

-7.53E-13

-7.44E-30

6.18E-14

-510.703600

0.50000

-279.903750

6251.038

-7.57E-13

-7.44E-30

2.13E-13

-1757.890

-7.61E-13

0.75000

-279.903750

6281.248

-7.61E-13

-7.44E-30

3.65E-13

-3011.119

-7.64E-13

1.00000

-279.903750

6311.458

-7.44E-30

5.17E-13

-4270.389

COMB

UEO15

MAX

REL DIST

T

P

M2

V2

V3

0.00000

-279.903750

6190.618

-7.50E-13

-6.45E-30

-8.85E-14

730.441000

0.25000

-279.903750

6220.828

-7.53E-13

-6.45E-30

6.18E-14

-510.703600

0.50000

-279.903750

6251.038

-7.57E-13

-6.45E-30

2.13E-13

-1757.890

-7.61E-13

0.75000

-279.903750

6281.248

-7.61E-13

-6.45E-30

3.65E-13

-3011.119

-7.64E-13

1.00000

-279.903750

6311.458

-6.45E-30

5.17E-13

-4270.389

COMB

UEO15

MIN

REL DIST

T

P

M2

V2

V3

0.00000

-279.903750

6190.618

-7.50E-13

-6.45E-30

-8.85E-14

730.441000

0.25000

-279.903750

6220.828

-7.53E-13

-6.45E-30

6.18E-14

-510.703600

0.50000

-279.903750

6251.038

-7.57E-13

-6.45E-30

2.13E-13

-1757.890

-7.61E-13

0.75000

-279.903750

6281.248

-7.61E-13

-6.45E-30

3.65E-13

-3011.119

-7.64E-13

1.00000

-279.903750

6311.458

-6.45E-30

5.17E-13

-4270.389

COMB

UEO16

MAX

REL DIST

T

P

M2

V2

V3

0.00000

-279.903750

6190.618

-7.50E-13

-6.45E-30

-8.85E-14

730.441000

0.25000

-279.903750

6220.828

-7.53E-13

-6.45E-30

6.18E-14

-510.703600

0.50000

-279.903750

6251.038

-7.57E-13

-6.45E-30

2.13E-13

-1757.890

-7.61E-13

0.75000

-279.903750

6281.248

-7.61E-13

-6.45E-30

3.65E-13

-3011.119

-7.64E-13

1.00000

-279.903750

6311.458

-6.45E-30

5.17E-13

-4270.389

COMB

UEO16

MIN

REL DIST

T

P

M2

V2

V3

0.00000

-279.903750

6190.618

-7.50E-13

-6.45E-30

-8.85E-14

730.441000

0.25000

-279.903750

6220.828

-7.53E-13

-6.45E-30

6.18E-14

-510.703600

0.50000

-279.903750

6251.038

-7.57E-13

-6.45E-30

2.13E-13

-1757.890

-7.61E-13

0.75000

-279.903750

6281.248

-7.61E-13

-6.45E-30

3.65E-13

-3011.119

-7.64E-13

1.00000

-279.903750

6311.458

-6.45E-30

5.17E-13

-4270.389

COMB

UEO17

MAX

REL DIST

T

P

M2

V2

V3

0.00000

-279.903750

6190.618

-7.50E-13

-6.45E-30

-8.85E-14

730.441000

0.25000

-279.903750

6220.828

-7.53E-13

-6.45E-30

6.18E-14

-510.703600

0.50000

-279.903750

6251.038

-7.57E-13

-6.45E-30

2.13E-13

-1757.890

-7.61E-13

0.75000

-279.903750

6281.248

-7.61E-13

-6.45E-30

3.65E-13

-3011.119

-7.64E-13

1.00000

-279.903750

6311.458

-6.45E-30

5.17E-13

-4270.389

COMB

UEO18

MAX

REL DIST

T

P

M2

V2

V3

0.00000

-279.903750

6190.618

-7.50E-13

-6.45E-30

-8.85E-14

730.441000

0.25000

-279.903750

6220.828

-7.53E-13

-6.45E-30

6.18E-14

-510.703600

0.50000

-279.903750

6251.038

-7.57E-13

-6.45E-30

2.13E-13

-1757.890

-7.61E-13

0.75000

-279.903750

6281.248

-7.61E-13

-6.45E-30

3.65E-13

-3011.119

-7.64E-13

1.00000

-279.903750

6311.458

-6.45E-30

5.17E-13

-4270.389

COMB

UEO18

MAX

REL DIST

T

P

M2

V2

V3

0.00000

-279.903750

6190.618

-7.50E-13

-6.45E-30

-8.85E-14

730.441000

0.25000

-279.903750

6220.828

-7.53E-13

-6.45E-30

6.18E-14

-510.703600

0.50000

-279.903750

6251.038

-7.57E-13

-6.45E-30

2.13E-13

-1757.890

-7.61E-13

0.75000

-279.903750

6281.248

-7.61E-13

-6.45E-30

3.65E-13

-3011.119

-7.64E-13

1.00000

-279.903750

6311.458

-6.45E-30

5.17E-13

-4270.389

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SAP2000

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데이타파일 : 교각 본체

FRAME ELEMENT INTERNAL FORCES

COMB

UEO10

MAX

REL DIST

T

P

M2

V2

V3

0.00000

-462.307500

6190.618

-7.50E-13

-9.91E-30

1.44E-13

1189.128

-7.53E-13

0.25000

-462.307500

6220.828

-7.53E-13

</

.000000	.000000	.000000			
LOAD	Q1-TR	-----			
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	0.031554	1.279124	-1.55E-16		
2.29E-18	-4.76E-16	3.951848			
Program	SAP2000	Nonlinear	Version 7.42		
File:청도1교상행_P9_본체.OUT					
: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체 323					
F R A M E E L E M E N T I N T E R N A L F O R C E S					
REL DIST	P	V2	V3		
T	M2	M3			
0.25000	0.031554	1.279124	-1.55E-16		
2.29E-18	-4.38E-16	3.640061			
0.50000	0.031554	1.279124	-1.55E-16		
2.29E-18	-4.00E-16	3.328275			
0.75000	0.031554	1.279124	-1.55E-16		
2.29E-18	-3.62E-16	3.016489			
1.00000	0.031554	1.279124	-1.55E-16		
2.29E-18	-3.24E-16	2.704702			
LOAD	COL-TR	-----			
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	0.073804	2.991805	-3.63E-16		
5.37E-18	-1.11E-15	9.243170			
0.25000	0.073804	2.991805	-3.63E-16		
5.37E-18	-1.02E-15	8.513917			
0.50000	0.073804	2.991805	-3.63E-16		
5.37E-18	-9.36E-16	7.784665			
0.75000	0.073804	2.991805	-3.63E-16		
5.37E-18	-8.47E-16	7.055413			
1.00000	0.073804	2.991805	-3.63E-16		
5.37E-18	-7.58E-16	6.326160			
COMB	SVB01	-----	MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	417.763738	-529.491587	6.34E-14		
3.56E-15	4.91E-13	-3961.581			
0.25000	417.763738	-490.735337	5.88E-14		
2.59E-15	4.76E-13	-3837.241			
0.50000	417.763738	-451.979087	5.41E-14		
3.56E-15	4.62E-13	-3722.347			
0.75000	417.763738	-413.222837	4.94E-14		
3.56E-15	4.49E-13	-3616.901			
1.00000	417.763738	-374.466587	4.47E-14		
3.56E-15	4.38E-13	-3520.901			
COMB	SVB01	-----	MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	417.763738	-529.491587	6.34E-14		
3.56E-15	4.91E-13	-3961.581			
0.25000	417.763738	-490.735337	5.88E-14		
3.56E-15	4.76E-13	-3837.241			
0.50000	417.763738	-451.979087	5.41E-14		
3.56E-15	4.62E-13	-3722.347			
0.75000	417.763738	-413.222837	4.94E-14		
3.56E-15	4.49E-13	-3616.901			
1.00000	417.763738	-374.466587	4.47E-14		
3.56E-15	4.38E-13	-3520.901			
COMB	SVB02	-----	MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	6.48E-14		
2.59E-15	3.90E-13	-3156.400			
0.25000	308.139294	-500.697550	6.01E-14		
2.59E-15	3.75E-13	-3029.632			
0.50000	308.139294	-461.941300	5.55E-14		
2.59E-15	3.61E-13	-2912.310			
0.75000	308.139294	-423.185050	5.08E-14		
2.59E-15	3.48E-13	-2804.435			
1.00000	308.139294	-384.428800	4.61E-14		
2.59E-15	3.36E-13	-2706.007			
COMB	SVB02	-----	MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	6.48E-14		
2.59E-15	3.90E-13	-3156.400			
0.25000	308.139294	-500.697550	6.01E-14		
2.59E-15	3.75E-13	-3029.632			
0.50000	308.139294	-461.941300	5.55E-14		
2.59E-15	3.61E-13	-2912.310			
0.75000	308.139294	-423.185050	5.08E-14		
2.59E-15	3.48E-13	-2804.435			
1.00000	308.139294	-384.428800	4.61E-14		
2.59E-15	3.36E-13	-2706.007			
Program	SAP2000	Nonlinear	Version 7.42		
File:청도1교상행_P9_본체.OUT					
: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체 324					
F R A M E E L E M E N T I N T E R N A L F O R C E S					
COMB	SVB03	-----	MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-18.771862		
8.881358	-21.416731	-3156.400			
0.25000	308.139294	-500.697550	-16.911562		
8.881358	-17.067814	-3029.632			
0.50000	308.139294	-461.941300	-15.051262		
8.881358	-13.172345	-2912.310			
0.75000	308.139294	-423.185050	-13.190962		
8.881358	-9.730323	-2804.435			
1.00000	308.139294	-384.428800	-11.330662		
8.881358	-6.741750	-2706.007			
COMB	SVB03	-----	MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-18.771862		
8.881358	-21.416731	-3156.400			
0.25000	308.139294	-500.697550	-16.911562		
8.881358	-17.067814	-3029.632			
0.50000	308.139294	-461.941300	-15.051262		
8.881358	-13.172345	-2912.310			
0.75000	308.139294	-423.185050	-13.190962		
8.881358	-9.730323	-2804.435			
1.00000	308.139294	-384.428800	-11.330662		
8.881358	-6.741750	-2706.007			
COMB	SVB04	-----	MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	417.763738	-529.491587	-9.385931		
4.440679	-10.708366	-3961.581			
0.25000	417.763738	-490.735337	-8.455781		
4.440679	-8.533907	-3837.241			

5.00000	417.763738	-451.979087	-7.525631		
4.440679	-6.586172	-3722.347			
0.75000	417.763738	-413.222837	-6.595481		
4.440679	-4.865162	-3616.901			
1.00000	417.763738	-374.466587	-5.665331		
4.440679	-3.370875	-3520.901			
COMB SVB04			MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	417.763738	-529.491587	-9.385931		
4.440679	-10.708366	-3961.581			
0.25000	417.763738	-490.735337	-8.455781		
4.440679	-8.533907	-3837.241			
0.50000	417.763738	-451.979087	-7.525631		
4.440679	-6.586172	-3722.347			
0.75000	417.763738	-413.222837	-6.595481		
4.440679	-4.865162	-3616.901			
1.00000	417.763738	-374.466587	-5.665331		
4.440679	-3.370875	-3520.901			
COMB SVB05			MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			
COMB SVB05			MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			
COMB SVB05			MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			
COMB SVB05			MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			
COMB SVB05			MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			
COMB SVB05			MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			
COMB SVB05			MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			
COMB SVB05			MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			
COMB SVB05			MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			
COMB SVB05			MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			
COMB SVB05			MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			
COMB SVB05			MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			
COMB SVB05			MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			
COMB SVB05			MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			
COMB SVB05			MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			
COMB SVB05			MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-539.453800	-9.385931		
4.440679	-10.708366	-3156.400			
0.25000	308.139294	-500.697550	-8.455781		
4.440679	-8.533907	-3029.632			
0.50000	308.139294	-461.941300	-7.525631		
4.440679	-6.586172	-2912.310			
0.75000	308.139294	-423.185050	-6.595481		
4.440679	-4.865162	-2804.435			
1.00000	308.139294	-384.428800	-5.665331		
4.440679	-3.370875	-2706.007			

F R A M E E L E M E N T I N T E R N A L F O R C E S									
COMB	ULB03	-----	MAX						
REL DIST	T	P	V2	V3					
	T	M2	M3						
0.00000	400.581082	-701.289940	-24.403421						
11.545765	-27.841751	-4103.320							
0.25000	400.581082	-650.906815	-21.985031						
11.545765	-22.188158	-3938.521							
0.50000	400.581082	-600.523690	-19.566641						
11.545765	-17.124048	-3786.003							
0.75000	400.581082	-550.140565	-17.148251						
11.545765	-12.649420	-3645.766							
1.00000	400.581082	-499.757440	-14.729861						
11.545765	-8.764275	-3517.809							
COMB	ULB03	-----	MIN						
REL DIST	T	P	V2	V3					
	T	M2	M3						
0.00000	400.581082	-701.289940	-24.403421						
11.545765	-27.841751	-4103.320							
0.25000	400.581082	-650.906815	-21.985031						
11.545765	-22.188158	-3938.521							
0.50000	400.581082	-600.523690	-19.566641						
11.545765	-17.124048	-3786.003							
0.75000	400.581082	-550.140565	-17.148251						
11.545765	-12.649420	-3645.766							
1.00000	400.581082	-499.757440	-14.729861						
11.545765	-8.764275	-3517.809							
COMB	ULB04	-----	MAX						
REL DIST	T	P	V2	V3					
	T	M2	M3						
0.00000	543.092859	-688.339062	-12.201711						
5.772883	-13.920875	-5150.055							
0.25000	543.092859	-637.955937	-10.992516						
5.772883	-11.094079	-4988.413							
0.50000	543.092859	-587.572812	-9.783321						
5.772883	-8.562024	-4839.052							
0.75000	543.092859	-537.189687	-8.574126						
5.772883	-6.324710	-4701.971							
1.00000	543.092859	-486.806562	-7.364931						
5.772883	-4.382138	-4577.172							
COMB	ULB04	-----	MIN						
REL DIST	T	P	V2	V3					
	T	M2	M3						
0.00000	543.092859	-688.339062	-12.201711						
5.772883	-13.920875	-5150.055							
0.25000	543.092859	-637.955937	-10.992516						
5.772883	-11.094079	-4988.413							
0.50000	543.092859	-587.572812	-9.783321						
5.772883	-8.562024	-4839.052							
0.75000	543.092859	-537.189687	-8.574126						
5.772883	-6.324710	-4701.971							
1.00000	543.092859	-486.806562	-7.364931						
5.772883	-4.382138	-4577.172							
COMB	ULB05	-----	MAX						
REL DIST	T	P	V2	V3					
	T	M2	M3						
0.00000	400.581082	-701.289940	-12.201711						
5.772883	-13.920875	-4103.320							
0.25000	400.581082	-650.906815	-10.992516						
5.772883	-11.094079	-3938.521							
0.50000	400.581082	-600.523690	-9.783321						
0.75000	400.581082	-550.140565	-8.574126						
5.772883	-6.324710	-3645.766							
1.00000	400.581082	-499.757440	-7.364931						
5.772883	-4.382138	-3517.809							
COMB	ULB05	-----	MIN						
REL DIST	T	P	V2	V3					
	T	M2	M3						
0.00000	400.581082	-701.289940	-12.201711						
5.772883	-13.920875	-4103.320							
0.25000	400.581082	-650.906815	-10.992516						
5.772883	-11.094079	-3938.521							
0.50000	400.581082	-600.523690	-9.783321						
0.75000	400.581082	-550.140565	-8.574126						
5.772883	-6.324710	-3645.766							
1.00000	400.581082	-499.757440	-7.364931						
5.772883	-4.382138	-3517.809							
COMB	ULB06	-----	MAX						
REL DIST	T	P	V2	V3					
	T	M2	M3						
0.00000	543.092859	-688.339062	-13.690437						
104.594274	-235.756748	-5150.055							
0.25000	543.092859	-637.955937	-13.690437						
104.594274	-239.093792	-4988.413							
0.50000	543.092859	-587.572812	-13.690437						
104.594274	-242.430836	-4839.052							
0.75000	543.092859	-537.189687	-13.690437						
104.594274	-245.767881	-4701.971							
1.00000	543.092859	-486.806562	-13.690437						
104.594274	-249.104925	-4577.172							
COMB	ULB06	-----	MIN						
REL DIST	T	P	V2	V3					
	T	M2	M3						
0.00000	543.092859	-688.339062	-13.690437						
104.594274	-235.756748	-5150.055							
0.25000	543.092859	-637.955937	-13.690437						
104.594274	-239.093792	-4988.413							
0.50000	543.092859	-587.572812	-13.690437						
104.594274	-242.430836	-4839.052							
0.75000	543.092859	-537.189687	-13.690437						
104.594274	-245.767881	-4701.971							
1.00000	543.092859	-486.806562	-13.690437						
104.594274	-249.104925	-4577.172							
COMB	ULB07	-----	MAX						
REL DIST	T	P	V2	V3					
	T	M2	M3						
0.00000	543.092859	-688.339062	8.25E-14						
4.63E-15	6.38E-13	-5150.055							
0.25000	543.092859	-637.955937	7.64E-14						
4.63E-15	6.18E-13	-4988.413							
0.50000	543.092859	-587.572812	7.03E-14						
4.63E-15	6.00E-13	-4839.052							
0.75000	543.092859	-537.189687	6.42E-14						
4.63E-15	5.84E-13	-4701.971							
1.00000	543.092859	-486.806562	5.81E-14						
4.63E-15	5.69E-13	-4577.172							
COMB	ULB07	-----	MIN						
REL DIST	T	P	V2	V3					
	T	M2	M3						
0.00000	543.092859	-688.339062	8.25E-14						
4.63E-15	6.38E-13	-5150.055							
0.25000	543.092859	-637.955937	7.64E-14						
4.63E-15	6.18E-13	-4988.413							
0.50000	543.092859	-587.572812	7.03E-14						
4.63E-15	6.00E-13	-4839.052							
0.75000	543.092859	-537.189687	6.42E-14						
4.63E-15	5.84E-13	-4701.971							
1.00000	543.092859	-486.806562	5.81E-14						
4.63E-15	5.69E-13	-4577.172							
COMB	ULB07	-----	MIN						
REL DIST	T	P	V2	V3					
	T	M2	M3						
0.00000	543.092859	-688.339062	8.25E-14						
4.63E-15	6.38E-13	-5150.055							
0.25000	543.092859	-637.955937	7.64E-14						
4.63E-15	6.18E-13	-4988.413							
0.50000	543.092859	-587.572812	7.03E-14						
4.63E-15	6.00E-13	-4839.052							
0.75000	543.092859	-537.189687	6.42E-14						
4.63E-15	5.84E-13	-4701.971							
1.00000	543.092859	-486.806562	5.81E-14						
4.63E-15	5.69E-13	-4577.172							
COMB	ULB07	-----	MIN						
REL DIST	T	P	V2	V3					
	T	M2	M3						
0.00000	543.092859	-688.339062	8.25E-14						
4.63E-15	6.38E-13	-5150.055							
0.25000	543.092859	-637.955937	7.64E-14						
4.63E-15	6.18E-13	-4988.413							
0.50000	543.092859	-587.572812	7.03E-14						
4.63E-15	6.00E-13	-4839.052							
0.75000	543.092859	-537.189687	6.42E-14						
4.63E-15	5.84E-13	-4701.971							
1.00000	543.092859	-486.806562	5.81E-14						
4.63E-15	5.69E-13	-4577.172							
COMB	ULB07	-----	MIN						
REL DIST	T	P	V2	V3					
	T	M2	M3						
0.00000	543.092859	-688.339062	8.25E-14						
4.63E-15	6.38E-13	-5150.055							
0.25000	543.092859	-637.955937	7.64E-14						
4.63E-15	6.18E-13	-4988.413							
0.50000	543.092859	-587.572812	7.03E-14						
4.63E-15	6.00E-13	-4839.052							
0.75000	543.092859	-537.189687	6.42E-14						
4.63E-15	5.84E-13	-4701.971							
1.00000	543.092859	-486.806562	5.81E-14						
4.63E-15	5.69E-13	-4577.172							
COMB	ULB07	-----	MIN						
REL DIST	T	P	V2	V3					
	T	M2	M3						
0.00000	543.092859	-688.339062	8.25E-14						

[illegible]

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	322.676945	548.751388		-6.73E-14
4.55E-15	-1.40E-14	200.652199		
0.25000	322.676945	587.507638		-7.20E-14
4.55E-15	2.96E-15	62.170631		
0.50000	322.676945	626.263888		-7.67E-14
4.55E-15	2.11E-14	-85.757774		
0.75000	322.676945	665.020138		-8.14E-14
4.55E-15	4.04E-14	-243.133015		
1.00000	322.676945	703.776388		-8.61E-14
4.55E-15	6.08E-14	409.955092		

COMB SVO04 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	428.649052	161.212509		-2.04E-14
4.80E-15	2.34E-13	-1830.130		
0.25000	428.649052	199.968759		-2.51E-14
4.80E-15	2.40E-13	-1874.149		
0.50000	428.649052	238.725009		-2.98E-14
4.80E-15	2.46E-13	-1927.615		
0.75000	428.649052	277.481259		-3.45E-14
4.80E-15	2.54E-13	-1990.527		
1.00000	428.649052	316.237509		-3.92E-14
4.80E-15	2.63E-13	-2062.887		

COMB SVO04 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	428.649052	161.212509		-2.04E-14
4.80E-15	2.34E-13	-1830.130		
0.25000	428.649052	199.968759		-2.51E-14
4.80E-15	2.40E-13	-1874.149		
0.50000	428.649052	238.725009		-2.98E-14
4.80E-15	2.46E-13	-1927.615		
0.75000	428.649052	277.481259		-3.45E-14
4.80E-15	2.54E-13	-1990.527		
1.00000	428.649052	316.237509		-3.92E-14
4.80E-15	2.63E-13	-2062.887		

COMB SVO05 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	319.024608	151.250296		-1.90E-14
3.84E-15	1.34E-13	-1024.949		
0.25000	319.024608	190.006546		-2.37E-14
3.84E-15	1.39E-13	-1066.540		
0.50000	319.024608	228.762796		-2.84E-14
3.84E-15	1.45E-13	-1117.577		
0.75000	319.024608	267.519046		-3.31E-14
3.84E-15	1.53E-13	-1178.062		
1.00000	319.024608	306.275296		-3.78E-14
3.84E-15	1.61E-13	-1247.993		

COMB SVO05 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	319.024608	151.250296		-1.90E-14
3.84E-15	1.34E-13	-1024.949		
0.25000	319.024608	190.006546		-2.37E-14
3.84E-15	1.39E-13	-1066.540		
0.50000	319.024608	228.762796		-2.84E-14
3.84E-15	1.45E-13	-1117.577		
0.75000	319.024608	267.519046		-3.31E-14
3.84E-15	1.53E-13	-1178.062		
1.00000	319.024608	306.275296		-3.78E-14
3.84E-15	1.61E-13	-1247.993		

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FRAME ELEMENT INTERNAL FORCES

COMB SVO06 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	350.406449	-530.777201		6.35E-14
3.97E-15	5.36E-13	-4329.733		
0.25000	350.406449	-492.020951		5.88E-14
3.97E-15	5.21E-13	-4205.080		
0.50000	350.406449	-453.264701		5.41E-14
3.97E-15	5.08E-13	-4089.873		
0.75000	350.406449	-414.508451		4.94E-14
3.97E-15	4.95E-13	-3984.113		
1.00000	350.406449	-375.752201		4.48E-14
3.97E-15	4.84E-13	-3887.800		

COMB SVO06 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	350.406449	-530.777201		6.35E-14
3.97E-15	5.36E-13	-4329.733		
0.25000	350.406449	-492.020951		5.88E-14
3.97E-15	5.21E-13	-4205.080		
0.50000	350.406449	-453.264701		5.41E-14
3.97E-15	5.08E-13	-4089.873		
0.75000	350.406449	-414.508451		4.94E-14
3.97E-15	4.95E-13	-3984.113		
1.00000	350.406449	-375.752201		4.48E-14
3.97E-15	4.84E-13	-3887.800		

COMB SVO07 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	417.795292	-528.212463		6.33E-14
3.56E-15	4.90E-13	-3957.629		
0.25000	417.795292	-489.456213		5.86E-14
3.56E-15	4.75E-13	-3833.601		
0.50000	417.795292	-450.699663		5.39E-14
3.56E-15	4.61E-13	-3719.019		
0.75000	417.795292	-411.943713		4.92E-14
3.56E-15	4.49E-13	-3613.884		
1.00000	417.795292	-373.187463		4.45E-14
3.56E-15	4.37E-13	-3518.196		

COMB SVO07 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	417.795292	-528.212463		6.33E-14
3.56E-15	4.90E-13	-3957.629		
0.25000	417.795292	-489.456213		5.86E-14
3.56E-15	4.75E-13	-3833.601		
0.50000	417.795292	-450.699663		5.39E-14
3.56E-15	4.61E-13	-3719.019		
0.75000	417.795292	-411.943713		4.92E-14
3.56E-15	4.49E-13	-3613.884		
1.00000	417.795292	-373.187463		4.45E-14
3.56E-15	4.37E-13	-3518.196		

COMB SVO08 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	240.782005	-540.739415		6.49E-14
3.01E-15	4.36E-13	-3524.553		
0.25000	240.782005	-501.983165		6.02E-14
3.01E-15	4.21E-13	-3397.471		

0.50000	240.782005	-463.226915		5.55E-14
3.01E-15	4.07E-13	-3279.836		
0.75000	240.782005	-424.470665		5.08E-14
3.01E-15	3.94E-13	-3171.948		
1.00000	240.782005	-385.714415		4.61E-14
3.01E-15	3.82E-13	-3072.906		

COMB SVO08 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	240.782005	-540.739415		6.49E-14
3.01E-15	4.36E-13	-3524.553		
0.25000	240.782005	-501.983165		6.02E-14
3.01E-15	4.21E-13	-3397.471		
0.50000	240.782005	-463.226915		5.55E-14
3.01E-15	4.07E-13	-3279.836		
0.75000	240.782005	-424.470665		5.08E-14
3.01E-15	3.94E-13	-3171.948		
1.00000	240.782005	-385.714415		4.61E-14
3.01E-15	3.82E-13	-3072.906		

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FRAME ELEMENT INTERNAL FORCES

COMB SVO09 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	308.170848	-538.174677		6.47E-14
2.60E-15	3.90E-13	-3152.448		
0.25000	308.170848	-499.418427		6.00E-14
2.60E-15	3.74E-13	-3025.991		
0.50000	308.170848	-460.662177		5.53E-14
2.60E-15	3.60E-13	-2908.982		
0.75000	308.170848	-421.905927		5.06E-14
2.60E-15	3.47E-13	-2801.419		
1.00000	308.170848	-383.149677		4.59E-14
2.60E-15	3.36E-13	-2703.302		

COMB SVO09 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	308.170848	-538.174677		6.47E-14
2.60E-15	3.90E-13	-3152.448		
0.25000	308.170848	-499.418427		6.00E-14
2.60E-15	3.74E-13	-3025.991		
0.50000	308.170848	-460.662177		5.53E-14
2.60E-15	3.60E-13	-2908.982		
0.75000	308.170848	-421.905927		5.06E-14
2.60E-15	3.47E-13	-2801.419		
1.00000	308.170848	-383.149677		4.59E-14
2.60E-15	3.36E-13	-2703.302		

COMB SVO10 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	255.288102	546.186650		-6.71E-14
4.96E-15	3.23E-14	-171.452245		
0.25000	255.288102	584.942900		-7.18E-14
4.96E-15	3.23E-14	-171.452245		
0.50000	255.288102	623.699150		-7.65E-14
4.96E-15	3.23E-14	-171.452245		
0.75000	255.288102	662.454400		-8.12E-14
4.96E-15	3.23E-14	-171.452245		
1.00000	255.288102	701.211650		-8.59E-14
4.96E-15	3.23E-14	-171.452245		

COMB SVO10 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	255.288102	546.186650		-6.71E-14
4.96E-15	3.23E-14	-171.452245		
0.25000	255.288102	584.942900		-7.18E-14
4.96E-15	3.23E-14	-171.452245		
0.50000	255.288102	623.699150		-7.65E-14
4.96E-15	3.23E-14	-171.452245		
0.75000	255.288102	662.454400		-8.12E-14
4.96E-15	3.23E-14	-171.452245		
1.00000	255.288102	701.211650		-8.59E-14
4.96E-15	3.23E-14	-171.452245		

COMB SVO11 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	322.676945	548.751388		-6.73E-14
4.55E-15	-1.40E-14	200.652199		
0.25000	322.676945	587.507638		-7.20E-14
4.55E-15	2.96E-15	62.170631		
0.50000	322.676945	626.263888		-7.67E-14
4.55E-15	2.11E-14	-85.757774		
0.75000	322.676945	665.020138		-8.14E-14
4.55E-15	4.04E-14	-243.133015		
1.00000	322.676945	703.776388		-8.61E-14
4.55E-15	6.08E-14	409.955092		

COMB SVO11 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	322.676945	548.751388		-6.73E-14
4.55E-15	-1.40E-14	200.652199		
0.25000	322.676945	587.507638		-7.20E-14
4.55E-15	2.96E-15	62.170631		
0.50000	322.676945	626.263888		-7.67E-14
4.55E-15	2.11E-14	-85.757774		
0.75000	322.676945	665.020138		-8.14E-14
4.55E-15	4.04E-14	-243.133015		
1.00000	322.676945	703.776388		-8.61E-14
4.55E-15	6.08E-14	409.955092		

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FRAME ELEMENT INTERNAL FORCES

5.17E-15 6.44E-13 -5179.347
1.00000 455.528384 -488.477862
5.17E-15 6.29E-13 -5054.140

COMB ULO07 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 543.133880 -686.676202
4.63E-15 6.37E-13 -5144.918
0.25000 543.133880 -636.293077
4.63E-15 6.18E-13 -4983.681
0.50000 543.133880 -585.909952
4.63E-15 6.00E-13 -4834.725
0.75000 543.133880 -535.526827
4.63E-15 5.84E-13 -4698.050
1.00000 543.133880 -485.143702
4.63E-15 5.69E-13 -4573.655

COMB ULO07 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 543.133880 -686.676202
4.63E-15 6.37E-13 -5144.918
0.25000 543.133880 -636.293077
4.63E-15 6.18E-13 -4983.681
0.50000 543.133880 -585.909952
4.63E-15 6.00E-13 -4834.725
0.75000 543.133880 -535.526827
4.63E-15 5.84E-13 -4698.050
1.00000 543.133880 -485.143702
4.63E-15 5.69E-13 -4573.655

COMB ULO08 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 543.133880 -686.676202
4.63E-15 6.37E-13 -5144.918
0.25000 543.133880 -636.293077
4.63E-15 6.18E-13 -4983.681
0.50000 543.133880 -585.909952
4.63E-15 6.00E-13 -4834.725
0.75000 543.133880 -535.526827
4.63E-15 5.84E-13 -4698.050
1.00000 543.133880 -485.143702
4.63E-15 5.69E-13 -4573.655

COMB ULO08 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 543.133880 -686.676202
4.63E-15 6.37E-13 -5144.918
0.25000 543.133880 -636.293077
4.63E-15 6.18E-13 -4983.681
0.50000 543.133880 -585.909952
4.63E-15 6.00E-13 -4834.725
0.75000 543.133880 -535.526827
4.63E-15 5.84E-13 -4698.050
1.00000 543.133880 -485.143702
4.63E-15 5.69E-13 -4573.655

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FRAME ELEMENT INTERNAL FORCES

COMB ULO09 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 400.622103 -699.627080
3.38E-15 5.06E-13 -4098.183
0.25000 400.622103 -649.243955
3.38E-15 4.87E-13 -3933.789
0.50000 400.622103 -598.860830
3.38E-15 4.68E-13 -3781.676
0.75000 400.622103 -548.477705
3.38E-15 4.52E-13 -3641.844
1.00000 400.622103 -498.094580
3.38E-15 4.36E-13 -3514.293

COMB ULO09 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 400.622103 -699.627080
3.38E-15 5.06E-13 -4098.183
0.25000 400.622103 -649.243955
3.38E-15 4.87E-13 -3933.789
0.50000 400.622103 -598.860830
3.38E-15 4.68E-13 -3781.676
0.75000 400.622103 -548.477705
3.38E-15 4.52E-13 -3641.844
1.00000 400.622103 -498.094580
3.38E-15 4.36E-13 -3514.293

COMB ULO10 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 319.110127 682.733312
6.20E-15 4.04E-14 -214.315306
0.25000 319.110127 731.178625
6.20E-15 3.70E-15 77.713288
0.50000 319.110127 779.623937
6.20E-15 3.41E-14 -570.764886
0.75000 319.110127 828.069250
6.20E-15 1.08E-13 -766.702493
1.00000 319.110127 876.514562
6.20E-15 1.34E-13 -974.448645

COMB ULO10 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 319.110127 682.733312
6.20E-15 4.04E-14 -214.315306
0.25000 319.110127 731.178625
6.20E-15 3.70E-15 77.713288
0.50000 319.110127 779.623937
6.20E-15 3.41E-14 -570.764886
0.75000 319.110127 828.069250
6.20E-15 1.08E-13 -766.702493
1.00000 319.110127 876.514562
6.20E-15 1.34E-13 -974.448645

COMB ULO11 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 403.346181 685.939235
5.69E-15 -1.75E-14 250.815249
0.25000 403.346181 734.384548
5.69E-15 3.70E-15 77.713288
0.50000 403.346181 782.829860
5.69E-15 2.64E-14 -107.197218
0.75000 403.346181 831.275173
5.69E-15 5.04E-14 -303.916269
1.00000 403.346181 879.720485
5.69E-15 7.60E-14 -512.443864

COMB ULO11 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 403.346181 685.939235
5.69E-15 -1.75E-14 250.815249
0.25000 403.346181 734.384548
5.69E-15 3.70E-15 77.713288
0.50000 403.346181 782.829860
5.69E-15 2.64E-14 -107.197218
0.75000 403.346181 831.275173
5.69E-15 5.04E-14 -303.916269
1.00000 403.346181 879.720485
5.69E-15 7.60E-14 -512.443864

REL DIST T P M2 M3 V2 V3
0.00000 403.346181 685.939235
5.69E-15 -1.75E-14 250.815249
0.25000 403.346181 734.384548
5.69E-15 3.70E-15 77.713288
0.50000 403.346181 782.829860
5.69E-15 2.64E-14 -107.197218
0.75000 403.346181 831.275173
5.69E-15 5.04E-14 -303.916269
1.00000 403.346181 879.720485
5.69E-15 7.60E-14 -512.443864
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FRAME ELEMENT INTERNAL FORCES

COMB ULO12 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 451.575261 198.309714
6.52E-15 3.50E-13 -2752.793
0.25000 451.575261 246.755026
6.52E-15 3.57E-13 -2807.035
0.50000 451.575261 295.200339
6.52E-15 3.66E-13 -2873.086
0.75000 451.575261 343.645651
6.52E-15 3.75E-13 -2950.945
1.00000 451.575261 392.090964
6.52E-15 3.86E-13 -3040.613

COMB ULO12 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 451.575261 198.309714
6.52E-15 3.50E-13 -2752.793
0.25000 451.575261 246.755026
6.52E-15 3.57E-13 -2807.035
0.50000 451.575261 295.200339
6.52E-15 3.66E-13 -2873.086
0.75000 451.575261 343.645651
6.52E-15 3.75E-13 -2950.945
1.00000 451.575261 392.090964
6.52E-15 3.86E-13 -3040.613

COMB ULO13 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 535.811316 201.515637
6.01E-15 2.92E-13 -2287.662
0.25000 535.811316 249.960949
6.01E-15 2.99E-13 -2342.686
0.50000 535.811316 298.406262
6.01E-15 3.08E-13 -2409.518
0.75000 535.811316 346.851574
6.01E-15 3.18E-13 -2488.159
1.00000 535.811316 395.296887
6.01E-15 3.29E-13 -2578.608

COMB ULO13 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 535.811316 201.515637
6.01E-15 2.92E-13 -2287.662
0.25000 535.811316 249.960949
6.01E-15 2.99E-13 -2342.686
0.50000 535.811316 298.406262
6.01E-15 3.08E-13 -2409.518
0.75000 535.811316 346.851574
6.01E-15 3.18E-13 -2488.159
1.00000 535.811316 395.296887
6.01E-15 3.29E-13 -2578.608

COMB ULO14 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 314.544706 185.856946
5.31E-15 2.25E-13 -1746.317
0.25000 314.544706 234.302259
5.31E-15 2.31E-13 -1797.524
0.50000 314.544706 282.747571
5.31E-15 2.39E-13 -1860.539
0.75000 314.544706 331.192884
5.31E-15 2.48E-13 -1935.363
1.00000 314.544706 379.638196
5.31E-15 2.59E-13 -2021.996

COMB ULO14 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 314.544706 185.856946
5.31E-15 2.25E-13 -1746.317
0.25000 314.544706 234.302259
5.31E-15 2.31E-13 -1797.524
0.50000 314.544706 282.747571
5.31E-15 2.39E-13 -1860.539
0.75000 314.544706 331.192884
5.31E-15 2.48E-13 -1935.363
1.00000 314.544706 379.638196
5.31E-15 2.59E-13 -2021.996

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FRAME ELEMENT INTERNAL FORCES

COMB ULO15 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 398.780761 189.062870
4.79E-15 1.67E-13 -1281.186
0.25000 398.780761 237.508182
4.79E-15 1.73E-13 -1333.175
0.50000 398.780761 285.953495
4.79E-15 1.81E-13 -1396.972
0.75000 398.780761 334.398807
4.79E-15 1.91E-13 -1472.577
1.00000 398.780761 382.844120
4.79E-15 2.02E-13 -1559.991

COMB ULO15 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 398.780761 189.062870
4.79E-15 1.67E-13 -1281.186
0.25000 398.780761 237.508182
4.79E-15 1.73E-13 -1333.175
0.50000 398.780761 285.953495
4.79E-15 1.81E-13 -1396.972
0.75000 398.780761 334.398807
4.79E-15 1.91E-13 -1472.577
1.00000 398.780761 382.844120
4.79E-15 2.02E-13 -1559.991

COMB ULO16 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 398.780761 189.062870
4.79E-15 1.67E-13 -1281.186
0.25000 398.780761 237.508182
4.79E-15 1.73E-13 -1333.175
0.50000 398.780761 285.953495
4.79E-15 1.81E-13 -1396.972
0.75000 398.780761 334.398807
4.79E-15 1.91E-13 -1472.577
1.00000 398.780761 382.844120
4.79E-15 2.02E-13 -1559.991

REL DIST T P M2 M3 V2 V3
0.00000 308.170848 -538.174677
2.60E-15 3.90E-13 -3152.448
0.25000 308.170848 -499.418427
2.60E-15 3.74E-13 -3025.991
0.50000 308.170848 -460.662177
2.60E-15 3.60E-13 -2908.982
0.75000 308.170848 -421.905927
2.60E-15 3.47E-13 -2801.419
1.00000 308.170848 -383.149677
2.60E-15 3.36E-13 -2703.302

COMB ULO16 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.170848 -538.174677
2.60E-15 3.90E-13 -3152.448
0.25000 308.170848 -499.418427
2.60E-15 3.74E-13 -3025.991
0.50000 308.170848 -460.662177
2.60E-15 3.60E-13 -2908.982
0.75000 308.170848 -421.905927
2.60E-15 3.47E-13 -2801.419
1.00000 308.170848 -383.149677
2.60E-15 3.36E-13 -2703.302

COMB ULO17 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 543.133880 -686.676202
4.63E-15 6.37E-13 -5144.918
0.25000 543.133880 -636.293077
4.63E-15 6.18E-13 -4983.681
0.50000 543.133880 -585.909952
4.63E-15 6.00E-13 -4834.725
0.75000 543.133880 -535.526827
4.63E-15 5.84E-13 -4698.050
1.00000 543.133880 -485.143702
4.63E-15 5.69E-13 -4573.655

COMB ULO17 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 543.133880 -686.676202
4.63E-15 6.37E-13 -5144.918
0.25000 543.133880 -636.293077
4.63E-15 6.18E-13 -4983.681
0.50000 543.133880 -585.909952
4.63E-15 6.00E-13 -4834.725
0.75000 543.133880 -535.526827
4.63E-15 5.84E-13 -4698.050
1.00000 543.133880 -485.143702
4.63E-15 5.69E-13 -4573.655

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FRAME ELEMENT INTERNAL FORCES

COMB ULO18 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 387.212334 658.501666
5.46E-15 -1.68E-14 240.782639
0.25000 387.212334 705.009166
5.46E-15 3.55E-15 74.604757
0.50000 387.212334 751.516666
5.46E-15 2.53E-14 -102.909329
0.75000 387.212334 798.024166
5.46E-15 4.84E-14 -291.759618
1.00000 387.212334 844.531666
5.46E-15 7.29E-14 -491.946110

COMB ULO18 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 387.212334 658.501666
5.46E-15 -1.68E-14 240.782639
0.25000 387.212334 705.009166
5.46E-15 3.55E-15 74.604757
0.50000 387.212334 751.516666
5.46E-15 2.53E-14 -102.909329
0.75000 387.212334 798.024166
5.46E-15 4.84E-14 -291.759618
1.00000 387.212334 844.531666
5.46E-15 7.29E-14 -491.946110

COMB UEO01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 543.872869 -516.372180
4.68E-15 6.05E-13 -4882.401
0.25000 543.872869 -477.615930
4.68E-15 5.91E-13 -4761.259
0.50000 543.872869 -438.859680
4.68E-15 5.78E-13 -4649.564
0.75000 543.872869 -400.103430
4.68E-15 5.66E-13 -4547.315
1.00000 543.872869 -361.347180
4.68E-15 5.54E-13 -4454.513

COMB UEO01 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 543.872869 -516.372180
4.68E-15 6.05E-13 -4882.401
0.25000 543.872869 -477.615930
4.68E-15 5.91E-13 -4761.259
0.50000 543.872869 -438.859680
4.68E-15 5.78E-13 -4649.564
0.75000 543.872869 -400.103430
4.68E-15 5.66E-13 -4547.315
1.00000 543.872869 -361.347180
4.68E-15 5.54E-13 -4454.513

COMB UEO02 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.180315 -537.790940
2.60E-15 3.89E-13 -3151.263
0.25000 308.180315 -499.034690
2.60E-15 3.74E-13 -3024.899
0.50000 308.180315 -460.278440
2.60E-15 3.60E-13 -2907.983
0.75000 308.180315 -421.522190
2.60E-15 3.47E-13 -2800.912
1.00000 308.180315 -382.765940
2.60E-15 3.36E-13 -2702.491

COMB UEO02 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.180315 -537.790940
2.60E-15 3.89E-13 -3151.263
0.25000 308.180315 -499.034690
2.60E-15 3.74E-13 -3024.899
0.50000 308.180315 -460.278440
2.60E-15 3.60E-13 -2907.983
0.75000 308.180315 -421.522190
2.60E-15 3.47E-13 -2800.912
1.00000 308.180315 -382.765940
2.60E-15 3.36E-13 -2702.491

0.50000 308.180315 -460.278440
2.60E-15 3.60E-13 -2907.983
0.75000 308.180315 -421.522190
2.60E-15 3.47E-13 -2800.912
1.00000 308.180315 -382.765940
2.60E-15 3.36E-13 -2702.491
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FRAME ELEMENT INTERNAL FORCES

COMB UEO03 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 327.038240 875.212945
5.14E-15 -1.35E-13 1207.768
0.25000 327.038240 913.969195
5.14E-15 -1.09E-13 989.712740
0.50000 327.038240 952.725445
5.14E-15 -8.08E-14 762.207861
0.75000 327.038240 991.481695
5.14E-15 -5.19E-14 525.257616
1.00000 327.038240 1030.2328
5.14E-15 -2.18E-14 278.860535

COMB UEO03 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 327.038240 875.212945
5.14E-15 -1.35E-13 1207.768
0.25000 327.038240 913.969195
5.14E-15 -1.09E-13 989.712740
0.50000 327.038240 952.725445
5.14E-15 -8.08E-14 762.207861
0.75000 327.038240 991.481695
5.14E-15 -5.19E-14 525.257616
1.00000 327.038240 1030.2328
5.14E-15 -2.18E-14 278.860535

COMB UEO04 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 464.801980 371.412402
5.47E-15 1.87E-13 -1432.249
0.25000 464.801980 410.168652
5.47E-15 1.99E-13 -1527.504
0.50000 464.801980 448.924902
5.47E-15 2.12E-13 -1632.206
0.75000 464.801980 487.681152
5.47E-15 2.26E-13 -1746.355
1.00000 464.801980 526.437402
5.47E-15 2.41E-13 -1869.951

COMB UEO04 ----- MIN

REL DIST T P M2 M3 V2

0.25000 450.692092 -486.083812 5.81E-14
3.86E-15 5.05E-13 -4074.791
0.00000 450.692092 -447.327562 5.34E-14
3.86E-15 4.92E-13 -3961.032
0.75000 450.692092 -408.571312 4.87E-14
3.86E-15 4.79E-13 -3856.719
1.00000 450.692092 -369.815062 4.41E-14
3.86E-15 4.68E-13 -3761.853

COMB UEO07 ----- MIN
REL DIST T P M2 V2 V3
0.00000 450.692092 -524.840062 6.28E-14
3.86E-15 5.20E-13 -4197.998
0.25000 450.692092 -486.083812 5.81E-14
3.86E-15 5.05E-13 -4074.791
0.50000 450.692092 -447.327562 5.34E-14
3.86E-15 4.92E-13 -3961.032
0.75000 450.692092 -408.571312 4.87E-14
3.86E-15 4.79E-13 -3856.719
1.00000 450.692092 -369.815062 4.41E-14
3.86E-15 4.68E-13 -3761.853

COMB UEO08 ----- MAX
REL DIST T P M2 V2 V3
0.00000 220.574818 -541.125100 6.49E-14
3.13E-15 4.50E-13 -3634.998
0.25000 220.574818 -502.368850 6.02E-14
3.13E-15 4.34E-13 -3507.822
0.50000 220.574818 -463.612600 5.56E-14
3.13E-15 4.20E-13 -3390.094
0.75000 220.574818 -424.856350 5.09E-14
3.13E-15 4.07E-13 -3281.811
1.00000 220.574818 -386.100100 4.62E-14
3.13E-15 3.96E-13 -3182.976

COMB UEO08 ----- MIN
REL DIST T P M2 V2 V3
0.00000 220.574818 -541.125100 6.49E-14
3.13E-15 4.50E-13 -3634.998
0.25000 220.574818 -502.368850 6.02E-14
3.13E-15 4.34E-13 -3507.822
0.50000 220.574818 -463.612600 5.56E-14
3.13E-15 4.20E-13 -3390.094
0.75000 220.574818 -424.856350 5.09E-14
3.13E-15 4.07E-13 -3281.811
1.00000 220.574818 -386.100100 4.62E-14
3.13E-15 3.96E-13 -3182.976
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FRAME ELEMENT INTERNAL FORCES

COMB UEO09 ----- MAX
REL DIST T P M2 V2 V3
0.00000 308.180315 -537.790940 6.46E-14
2.60E-15 3.89E-13 -3151.263
0.25000 308.180315 -499.034690 5.99E-14
2.60E-15 3.74E-13 -3024.899
0.50000 308.180315 -460.278440 5.53E-14
2.60E-15 3.60E-13 -2907.983
0.75000 308.180315 -421.522190 5.06E-14
2.60E-15 3.47E-13 -2800.514
1.00000 308.180315 -382.765940 4.59E-14
2.60E-15 3.36E-13 -2702.491

COMB UEO09 ----- MIN
REL DIST T P M2 V2 V3
0.00000 308.180315 -537.790940 6.46E-14
2.60E-15 3.89E-13 -3151.263
0.25000 308.180315 -499.034690 5.99E-14
2.60E-15 3.74E-13 -3024.899
0.50000 308.180315 -460.278440 5.53E-14
2.60E-15 3.60E-13 -2907.983
0.75000 308.180315 -421.522190 5.06E-14
2.60E-15 3.47E-13 -2800.514
1.00000 308.180315 -382.765940 4.59E-14
2.60E-15 3.36E-13 -2702.491

COMB UEO10 ----- MAX
REL DIST T P M2 V2 V3
0.00000 226.668339 844.569452 -1.03E-13
5.42E-15 -7.66E-14 732.604677 -1.08E-13
0.25000 226.668339 881.387890 -1.08E-13
5.42E-15 -5.09E-14 522.253626 -1.12E-13
0.50000 226.668339 918.206327 -1.12E-13
5.42E-15 -2.41E-14 302.928081 -1.17E-13
0.75000 226.668339 955.024765 -1.17E-13
5.42E-15 3.80E-15 74.628042 -1.21E-13
1.00000 226.668339 991.843202 -1.21E-13
5.42E-15 3.28E-14 -162.646492

COMB UEO10 ----- MIN
REL DIST T P M2 V2 V3
0.00000 226.668339 844.569452 -1.03E-13
5.42E-15 -7.66E-14 732.604677 -1.08E-13
0.25000 226.668339 881.387890 -1.08E-13
5.42E-15 -5.09E-14 522.253626 -1.12E-13
0.50000 226.668339 918.206327 -1.12E-13
5.42E-15 -2.41E-14 302.928081 -1.17E-13
0.75000 226.668339 955.024765 -1.17E-13
5.42E-15 3.80E-15 74.628042 -1.21E-13
1.00000 226.668339 991.843202 -1.21E-13
5.42E-15 3.28E-14 -162.646492

COMB UEO11 ----- MAX
REL DIST T P M2 V2 V3
0.00000 310.904393 847.775375 -1.04E-13
4.91E-15 -1.35E-13 1197.735 -1.08E-13
0.25000 310.904393 884.593813 -1.08E-13
4.91E-15 -1.09E-13 986.602738 -1.13E-13
0.50000 310.904393 921.412250 -1.13E-13
4.91E-15 -8.19E-14 766.495749 -1.17E-13
0.75000 310.904393 958.230688 -1.17E-13
4.91E-15 -5.39E-14 537.414266 -1.21E-13
1.00000 310.904393 995.049125 -1.21E-13
4.91E-15 -2.48E-14 299.358289

COMB UEO11 ----- MIN
REL DIST T P M2 V2 V3
0.00000 310.904393 847.775375 -1.04E-13
4.91E-15 -1.35E-13 1197.735 -1.08E-13
0.25000 310.904393 884.593813 -1.08E-13
4.91E-15 -1.09E-13 986.602738 -1.13E-13
0.50000 310.904393 921.412250 -1.13E-13
4.91E-15 -8.19E-14 766.495749 -1.17E-13
0.75000 310.904393 958.230688 -1.17E-13
4.91E-15 -5.39E-14 537.414266 -1.21E-13
1.00000 310.904393 995.049125 -1.21E-13

4.91E-15 -2.48E-14 299.358289
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FRAME ELEMENT INTERNAL FORCES

COMB UEO12 ----- MAX
REL DIST T P M2 V2 V3
0.00000 359.133473 360.145854 -4.47E-14
5.74E-15 2.33E-13 -1805.873
0.25000 359.133473 396.964291 -4.92E-14
5.74E-15 2.45E-13 -1898.146
0.50000 359.133473 433.782729 -5.36E-14
5.74E-15 2.57E-13 -1999.393
0.75000 359.133473 470.601166 -5.81E-14
5.74E-15 2.71E-13 -2109.615
1.00000 359.133473 507.419604 -6.25E-14
5.74E-15 2.86E-13 -2228.811

COMB UEO12 ----- MIN
REL DIST T P M2 V2 V3
0.00000 359.133473 360.145854 -4.47E-14
5.74E-15 2.33E-13 -1805.873
0.25000 359.133473 396.964291 -4.92E-14
5.74E-15 2.45E-13 -1898.146
0.50000 359.133473 433.782729 -5.36E-14
5.74E-15 2.57E-13 -1999.393
0.75000 359.133473 470.601166 -5.81E-14
5.74E-15 2.71E-13 -2109.615
1.00000 359.133473 507.419604 -6.25E-14
5.74E-15 2.86E-13 -2228.811

COMB UEO13 ----- MAX
REL DIST T P M2 V2 V3
0.00000 443.369527 363.351777 -4.50E-14
5.23E-15 1.75E-13 -1340.742
0.25000 443.369527 400.170214 -4.95E-14
5.23E-15 1.87E-13 -1433.797
0.50000 443.369527 436.988652 -5.39E-14
5.23E-15 2.00E-13 -1535.925
0.75000 443.369527 473.807089 -5.84E-14
5.23E-15 2.13E-13 -1646.829
1.00000 443.369527 510.625527 -6.28E-14
5.23E-15 2.28E-13 -1766.806

COMB UEO13 ----- MIN
REL DIST T P M2 V2 V3
0.00000 443.369527 363.351777 -4.50E-14
5.23E-15 1.75E-13 -1340.742
0.25000 443.369527 400.170214 -4.95E-14
5.23E-15 1.87E-13 -1433.797
0.50000 443.369527 436.988652 -5.39E-14
5.23E-15 2.00E-13 -1535.925
0.75000 443.369527 473.807089 -5.84E-14
5.23E-15 2.13E-13 -1646.829
1.00000 443.369527 510.625527 -6.28E-14
5.23E-15 2.28E-13 -1766.806

COMB UEO14 ----- MAX
REL DIST T P M2 V2 V3
0.00000 222.102918 347.693086 -4.30E-14
4.53E-15 1.08E-13 -799.396877 -4.74E-14
0.25000 222.102918 384.511524 -5.19E-14
4.53E-15 1.19E-13 -888.634314 -5.19E-14
0.50000 222.102918 421.329961 -5.63E-14
4.53E-15 1.31E-13 -986.846245 -6.08E-14
0.75000 222.102918 458.148399 -6.08E-14
4.53E-15 1.44E-13 -1094.033
1.00000 222.102918 494.966836 -6.08E-14
4.53E-15 1.58E-13 -1210.194

COMB UEO14 ----- MIN
REL DIST T P M2 V2 V3
0.00000 222.102918 347.693086 -4.30E-14
4.53E-15 1.08E-13 -799.396877 -4.74E-14
0.25000 222.102918 384.511524 -5.19E-14
4.53E-15 1.19E-13 -888.634314 -5.19E-14
0.50000 222.102918 421.329961 -5.63E-14
4.53E-15 1.31E-13 -986.846245 -6.08E-14
0.75000 222.102918 458.148399 -6.08E-14
4.53E-15 1.44E-13 -1094.033
1.00000 222.102918 494.966836 -6.08E-14
4.53E-15 1.58E-13 -1210.194

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COMB UEO15 ----- MAX
REL DIST T P M2 V2 V3
0.00000 306.338972 350.899010 -4.33E-14
4.02E-15 4.99E-14 -334.266321 -4.77E-14
0.25000 306.338972 387.717447 -5.22E-14
4.02E-15 6.09E-14 -424.285202 -5.66E-14
0.50000 306.338972 424.535885 -6.11E-14
4.02E-15 7.31E-14 -523.278577 -6.11E-14
0.75000 306.338972 461.354322 -6.11E-14
4.02E-15 8.64E-14 -631.246446 -6.11E-14
1.00000 306.338972 498.172760 -6.11E-14
4.02E-15 1.01E-13 -748.188809

COMB UEO15 ----- MIN
REL DIST T P M2 V2 V3
0.00000 306.338972 350.899010 -4.33E-14
4.02E-15 4.99E-14 -334.266321 -4.77E-14
0.25000 306.338972 387.717447 -5.22E-14
4.02E-15 6.09E-14 -424.285202 -5.66E-14
0.50000 306.338972 424.535885 -6.11E-14
4.02E-15 7.31E-14 -523.278577 -6.11E-14
0.75000 306.338972 461.354322 -6.11E-14
4.02E-15 8.64E-14 -631.246446 -6.11E-14
1.00000 306.338972 498.172760 -6.11E-14
4.02E-15 1.01E-13 -748.188809

COMB UEO16 ----- MAX
REL DIST T P M2 V2 V3
0.00000 308.170848 -538.174677 6.47E-14
2.60E-15 3.90E-13 -344.4887 6.00E-14
0.25000 308.170848 -499.418477 5.53E-14
2.60E-15 3.74E-13 -3025.991
0.50000 308.170848 -460.662177 5.06E-14
2.60E-15 3.60E-13 -2908.982
0.75000 308.170848 -421.905927

2.60E-15 3.47E-13 -2801.419
1.00000 308.170848 -383.149677 4.59E-14
2.60E-15 3.36E-13 -2703.302

COMB UEO16 ----- MIN
REL DIST T P M2 V2 V3
0.00000 308.170848 -538.174677 6.47E-14
2.60E-15 3.90E-13 -344.4887 6.00E-14
0.25000 308.170848 -499.418477 5.53E-14
2.60E-15 3.74E-13 -3025.991
0.50000 308.170848 -460.662177 5.06E-14
2.60E-15 3.60E-13 -2908.982
0.75000 308.170848 -421.905927 4.59E-14
2.60E-15 3.47E-13 -2801.419
1.00000 308.170848 -383.149677 4.59E-14
2.60E-15 3.36E-13 -2703.302

COMB UEO17 ----- MAX
REL DIST T P M2 V2 V3
0.00000 450.692092 -524.840062 6.28E-14
3.86E-15 5.20E-13 -4197.998 5.81E-14
0.25000 450.692092 -486.083812 5.34E-14
3.86E-15 5.05E-13 -4074.791
0.50000 450.692092 -447.327562 4.87E-14
3.86E-15 4.92E-13 -3961.032
0.75000 450.692092 -408.571312 4.41E-14
3.86E-15 4.79E-13 -3856.719
1.00000 450.692092 -369.815062 4.14E-14
3.86E-15 4.68E-13 -3761.853

COMB UEO17 ----- MIN
REL DIST T P M2 V2 V3
0.00000 450.692092 -524.840062 6.28E-14
3.86E-15 5.20E-13 -4197.998 5.81E-14
0.25000 450.692092 -486.083812 5.34E-14
3.86E-15 5.05E-13 -4074.791
0.50000 450.692092 -447.327562 4.87E-14
3.86E-15 4.92E-13 -3961.032
0.75000 450.692092 -408.571312 4.41E-14
3.86E-15 4.79E-13 -3856.719
1.00000 450.692092 -369.815062 4.14E-14
3.86E-15 4.68E-13 -3761.853

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COMB UEO18 ----- MAX
REL DIST T P M2 V2 V3
0.00000 294.770546 820.337806 -1.00E-13
4.68E-15 1.34E-13 1187.703 -1.04E-13
0.25000 294.770546 855.218431 -1.04E-13
4.68E-15 1.09E-13 983.494207 -1.09E-13
0.50000 294.770546 890.099056 -1.09E-13
4.68E-15 8.29E-14 770.783638 -1.13E-13
0.75000 294.770546 924.979017 -1.17E-13
4.68E-15 5.59E-14 549.570917
1.00000 294.770546 959.860306
4.68E-15 -2.79E-14 319.856044

COMB UEO18 ----- MIN
REL DIST T P M2 V2 V3
0.00000 294.770546 820.337806 -1.00E-13
4.68E-15 1.34E-13 1187.703 -1.04E-13
0.25000 294.770546 855.218431 -1.04E-13
4.68E-15 1.09E-13 983.494207 -1.09E-13
0.50000 294.770546 890.099056 -1.09E-13
4.68E-15 8.29E-14 770.783638 -1.13E-13
0.75000 294.770546 924.979017 -1.17E-13
4.68E-15 5.59E-14 549.570917
1.00000 294.770546 959.860306
4.68E-15 -2.79E-14 319.856044

COMB ENVBULT ----- MAX
REL DIST T P M2 V2 V3
0.00000 636.273637 -679.871181 8.13E-14
5.45E-15 7.23E-13 -5834.459 7.52E-14
0.25000 636.273637 -629.488056 6.91E-14
5.45E-15 7.04E-13 -5674.881
0.50000 636.273637 -579.104931 6.30E-14
5.45E-15 6.86E-13 -5527.583
0.75000 636.273637 -528.721806 5.69E-14
5.45E-15 6.70E-13 -5392.567
1.00000 636.273637 -478.338681 5.69E-14
5.45E-15 6.56E-13 -5269.831

COMB ENVBULT ----- MIN
REL DIST T P M2 V2 V3
0.00000 636.273637 -679.871181 8.13E-14
5.45E-15 7.23E-13 -5834.459 7.52E-14
0.25000 636.273637 -629.488056 6.91E-14
5.45E-15 7.04E-13 -5674.881
0.50000 636.273637 -579.104931 6.30E-14
5.45E-15 6.86E-13 -5527.583
0.75000 636.273637 -528.721806 5.69E-14
5.45E-15 6.70E-13 -5392.567
1.00000 636.273637 -478.338681 5.69E-14
5.45E-15 6.56E-13 -5269.831

COMB ENVBECCE ----- MAX
REL DIST T P M2 V2 V3
0.00000 543.831848 -518.035000 6.48E-14
4.68E-15 6.06E-13 -3156.400 6.01E-14
0.25000 543.831848 -479.278791 5.55E-14
4.68E-15 5.92E-13 -3029.632
0.50000 543.831848 -440.522541 5.08E-14
4.68E-15 5.78E-13 -2912.310
0.75000 543.831848 -401.766291 4.61E-14
4.68E-15 5.66E-13 -2804.435
1.00000 543.831848 -363.010041 4.14E-14
4.68E-15 5.55E-13 -2706.007

COMB ENVBECCE ----- MIN
REL DIST T P M2 V2 V3
0.00000 543.831848 -518.035000 6.48E-14
4.68E-15 6.06E-13 -3156.400 6.01E-14
0.25000 543.831848 -479.278791 5.55E-14
4.68E-15 5.92E-13 -3029.632
0.50000 543.831848 -440.522541 5.08E-14
4.68E-15 5.78E-13 -2912.310
0.75000 543.831848 -401.766291 4.61E-14
4.68E-15 5.66E-13 -2804.435
1.00000 543.831848 -363.010041 4.14E-14
4.68E-15 5.55E-13 -2706.007

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COMB ENVOULT ----- MAX
REL DIST T P M2 V2 V3
0.00000 636.314657 -678.208320 8.11E-14
5.46E-15 7.22E-13 -5829.321 7.50E-14
0.25000 636.314657 -627.825195 5.46E-15
7.03E-13 -5670.149 6.89E-14
0.50000 636.314657 -577.442070 5.46E-15
6

0.75000 .000000 .000000 .000000
0.00000 .000000 .000000
1.00000 .000000 .000000
0.00000 .000000 .000000
LOAD W-TR -----
REL DIST T P M2 M3 V2 V3
0.00000 14.506097 1086.926 -1.32E-13
1.96E-15 -2.75E-13 2293.347
0.25000 14.506097 1086.926 -1.32E-13
1.96E-15 -2.34E-13 1960.476
0.50000 14.506097 1086.926 -1.32E-13
1.96E-15 -1.94E-13 1620.805
0.75000 14.506097 1086.926 -1.32E-13
1.96E-15 -1.54E-13 1294.734
1.00000 14.506097 1086.926 -1.32E-13
1.96E-15 -1.13E-13 961.862955
LOAD WL -----

REL DIST T P M2 M3 V2 V3
0.00000 3.600712 145.961940 -1.77E-14
2.62E-16 -3.70E-14 308.636014
0.25000 3.600712 145.961940 -1.77E-14
2.62E-16 -3.16E-14 263.935170
0.50000 3.600712 145.961940 -1.77E-14
2.62E-16 -2.61E-14 219.234326 -1.77E-14
0.75000 3.600712 145.961940 -1.77E-14
2.62E-16 -2.07E-14 174.533482 -1.77E-14
1.00000 3.600712 145.961940 -1.77E-14
2.62E-16 -1.53E-14 129.832638
LOAD G-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.61E-14 -369.603825
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REL DIST T P M2 M3 V2 V3
0.25000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.60E-14 -368.818373 2.33E-16
0.50000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.60E-14 -368.032922 2.33E-16
0.75000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.59E-14 -367.247471 2.33E-16
1.00000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.58E-14 -366.462020

LOAD E-TR -----
REL DIST T P M2 M3 V2 V3
0.00000 .000000 .000000 .000000
0.00000 .000000 .000000
0.25000 .000000 .000000
0.00000 .000000 .000000
0.50000 .000000 .000000
0.00000 .000000 .000000
0.75000 .000000 .000000
0.00000 .000000 .000000
1.00000 .000000 .000000
0.00000 .000000 .000000

LOAD Q1-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 0.031554 1.279124 -1.55E-16
2.29E-18 -3.24E-16 2.704702 -1.55E-16
0.25000 0.031554 1.279124 -1.55E-16
2.29E-18 -2.77E-16 2.312971 -1.55E-16
0.50000 0.031554 1.279124 -1.55E-16
2.29E-18 -2.29E-16 1.921239 -1.55E-16
0.75000 0.031554 1.279124 -1.55E-16
2.29E-18 -1.82E-16 1.529508 -1.55E-16
1.00000 0.031554 1.279124 -1.55E-16
2.29E-18 -1.34E-16 1.137776

LOAD COL-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 0.073804 2.991805 -3.63E-16
5.37E-18 -7.58E-16 6.326160 -3.63E-16
0.25000 0.073804 2.991805 -3.63E-16
5.37E-18 -6.47E-16 5.099200 -3.63E-16
0.50000 0.073804 2.991805 -3.63E-16
5.37E-18 -5.36E-16 4.493680 -3.63E-16
0.75000 0.073804 2.991805 -3.63E-16
5.37E-18 -4.25E-16 3.577440 -3.63E-16
1.00000 0.073804 2.991805 -3.63E-16
5.37E-18 -3.13E-16 2.661200

COMB SVB01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -374.466587 4.47E-14
3.56E-15 4.38E-13 -3520.901
0.25000 417.763738 -326.490610 3.89E-14
3.56E-15 4.25E-13 -3413.604
0.50000 417.763738 -279.950180 3.32E-14
3.56E-15 4.14E-13 -3320.779
0.75000 417.763738 -234.845297 2.78E-14
3.56E-15 4.05E-13 -3241.988
1.00000 417.763738 -191.175962 2.25E-14
3.56E-15 3.97E-13 -3176.790

COMB SVB01 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -374.466587 4.47E-14
3.56E-15 4.38E-13 -3520.901
0.25000 417.763738 -326.490610 3.89E-14
3.56E-15 4.25E-13 -3413.604
0.50000 417.763738 -279.950180 3.32E-14
3.56E-15 4.14E-13 -3320.779
0.75000 417.763738 -234.845297 2.78E-14
3.56E-15 4.05E-13 -3241.988
1.00000 417.763738 -191.175962 2.25E-14
3.56E-15 3.97E-13 -3176.790
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COMB SVB02 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -384.428800 4.61E-14

2.59E-15 3.36E-13 -2706.007
0.25000 308.139294 -336.452824 4.03E-14
2.59E-15 3.23E-13 -2595.659
0.50000 308.139294 -289.912394 3.46E-14
2.59E-15 3.11E-13 -2499.783
0.75000 308.139294 -244.807511 2.92E-14
2.59E-15 3.02E-13 -2417.941
1.00000 308.139294 -201.138175 2.39E-14
2.59E-15 2.93E-13 -2349.692

COMB SVB02 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -384.428800 4.61E-14
2.59E-15 3.36E-13 -2706.007
0.25000 308.139294 -336.452824 4.03E-14
2.59E-15 3.23E-13 -2595.659
0.50000 308.139294 -289.912394 3.46E-14
2.59E-15 3.11E-13 -2499.783
0.75000 308.139294 -244.807511 2.92E-14
2.59E-15 3.02E-13 -2417.941
1.00000 308.139294 -201.138175 2.39E-14
2.59E-15 2.93E-13 -2349.692

COMB SVB03 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -384.428800 -11.330662
8.881358 -6.741750 -2706.007 -9.027816
0.25000 308.139294 -336.452824 -9.027816
8.881358 -3.626117 -2595.659 -6.793875
0.50000 308.139294 -289.912394 -6.793875
8.881358 -1.205179 -2499.783 -4.628841
0.75000 308.139294 -244.807511 -4.628841
8.881358 0.542166 -2417.941 -2.532712
1.00000 308.139294 -201.138175
8.881358 1.637020 -2349.692

COMB SVB03 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -384.428800 -11.330662
8.881358 -6.741750 -2706.007 -9.027816
0.25000 308.139294 -336.452824 -9.027816
8.881358 -3.626117 -2595.659 -6.793875
0.50000 308.139294 -289.912394 -6.793875
8.881358 -1.205179 -2499.783 -4.628841
0.75000 308.139294 -244.807511 -4.628841
8.881358 0.542166 -2417.941 -2.532712
1.00000 308.139294 -201.138175 -2.532712
8.881358 1.637020 -2349.692

COMB SVB04 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -374.466587 -5.665331
4.440679 -3.70875 -3520.901 -4.513908
0.25000 417.763738 -326.490610 -4.513908
4.440679 -1.813058 -3413.604 -3.396937
0.50000 417.763738 -279.950180 -3.396937
4.440679 -0.602590 -3320.779 -2.314420
0.75000 417.763738 -234.845297 -2.314420
4.440679 0.271083 -3241.988 -1.266356
1.00000 417.763738 -191.175962 -1.266356
4.440679 0.818510 -3176.790

COMB SVB04 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -374.466587 -5.665331
4.440679 -3.70875 -3520.901 -4.513908
0.25000 417.763738 -326.490610 -4.513908
4.440679 -1.813058 -3413.604 -3.396937
0.50000 417.763738 -279.950180 -3.396937
4.440679 -0.602590 -3320.779 -2.314420
0.75000 417.763738 -234.845297 -2.314420
4.440679 0.271083 -3241.988 -1.266356
1.00000 417.763738 -191.175962 -1.266356
4.440679 0.818510 -3176.790
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB05 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -384.428800 -5.665331
2.59E-15 3.36E-13 -2706.007 -9.027816
0.25000 308.139294 -336.452824 -9.027816
2.59E-15 3.23E-13 -2595.659 -6.793875
0.50000 308.139294 -289.912394 -6.793875
2.59E-15 3.11E-13 -2499.783 -4.628841
0.75000 308.139294 -244.807511 -4.628841
2.59E-15 3.02E-13 -2417.941 -2.314420
1.00000 308.139294 -201.138175 -1.266356
2.59E-15 2.93E-13 -2349.692

COMB SVB05 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -384.428800 -5.665331
2.59E-15 3.36E-13 -2706.007 -9.027816
0.25000 308.139294 -336.452824 -9.027816
2.59E-15 3.23E-13 -2595.659 -6.793875
0.50000 308.139294 -289.912394 -6.793875
2.59E-15 3.11E-13 -2499.783 -4.628841
0.75000 308.139294 -244.807511 -4.628841
2.59E-15 3.02E-13 -2417.941 -2.314420
1.00000 308.139294 -201.138175 -1.266356
2.59E-15 2.93E-13 -2349.692

COMB SVB06 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -374.466587 4.47E-14
3.56E-15 4.38E-13 -3520.901
0.25000 417.763738 -326.490610 3.89E-14
3.56E-15 4.25E-13 -3413.604
0.50000 417.763738 -279.950180 3.32E-14
3.56E-15 4.14E-13 -3320.779
0.75000 417.763738 -234.845297 2.78E-14
3.56E-15 4.05E-13 -3241.988
1.00000 417.763738 -191.175962 2.25E-14
3.56E-15 3.97E-13 -3176.790
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB SVB06 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -374.466587 4.47E-14
3.56E-15 4.38E-13 -3520.901
0.25000 417.763738 -326.490610 3.89E-14
3.56E-15 4.25E-13 -3413.604
0.50000 417.763738 -279.950180 3.32E-14
3.56E-15 4.14E-13 -3320.779
0.75000 417.763738 -234.845297 2.78E-14
3.56E-15 4.05E-13 -3241.988
1.00000 417.763738 -191.175962 2.25E-14
3.56E-15 3.97E-13 -3176.790
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1.00000 417.763738 -191.175962 10.531105
80.457134 -204.519777 -3176.790

COMB SVB07 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -374.466587 4.47E-14
3.56E-15 4.38E-13 -3520.901
0.25000 417.763738 -326.490610 3.89E-14
3.56E-15 4.25E-13 -3413.604
0.50000 417.763738 -279.950180 3.32E-14
3.56E-15 4.14E-13 -3320.779
0.75000 417.763738 -234.845297 2.78E-14
3.56E-15 4.05E-13 -3241.988
1.00000 417.763738 -191.175962 2.25E-14
3.56E-15 3.97E-13 -3176.790

COMB SVB07 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -374.466587 4.47E-14
3.56E-15 4.38E-13 -3520.901
0.25000 417.763738 -326.490610 3.89E-14
3.56E-15 4.25E-13 -3413.604
0.50000 417.763738 -279.950180 3.32E-14
3.56E-15 4.14E-13 -3320.779
0.75000 417.763738 -234.845297 2.78E-14
3.56E-15 4.05E-13 -3241.988
1.00000 417.763738 -191.175962 2.25E-14
3.56E-15 3.97E-13 -3176.790
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COMB SVB08 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -384.428800 10.531105
80.457134 -191.619173 -2706.007
0.25000 308.139294 -336.452824 10.531105
80.457134 -194.844324 -2595.659
0.50000 308.139294 -289.912394 10.531105
80.457134 -198.069475 -2499.783
0.75000 308.139294 -244.807511 10.531105
80.457134 -201.294626 -2417.941
1.00000 308.139294 -201.138175 10.531105
80.457134 -204.519777 -2349.692

COMB SVB08 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -384.428800 10.531105
80.457134 -191.619173 -2706.007
0.25000 308.139294 -336.452824 10.531105
80.457134 -194.844324 -2595.659
0.50000 308.139294 -289.912394 10.531105
80.457134 -198.069475 -2499.783
0.75000 308.139294 -244.807511 10.531105
80.457134 -201.294626 -2417.941
1.00000 308.139294 -201.138175 10.531105
80.457134 -204.519777 -2349.692

COMB SVB09 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -384.428800 4.61E-14
2.59E-15 3.36E-13 -2706.007
0.25000 308.139294 -336.452824 4.03E-14
2.59E-15 3.23E-13 -2595.659
0.50000 308.139294 -289.912394 3.46E-14
2.59E-15 3.11E-13 -2499.783
0.75000 308.139294 -244.807511 2.92E-14
2.59E-15 3.02E-13 -2417.941
1.00000 308.139294 -201.138175 2.39E-14
2.59E-15 2.93E-13 -2349.692

COMB SVB09 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -384.428800 4.61E-14
2.59E-15 3.36E-13 -2706.007
0.25000 308.139294 -336.452824 4.03E-14
2.59E-15 3.23E-13 -2595.659
0.50000 308.139294 -289.912394 3.46E-14
2.59E-15 3.11E-13 -2499.783
0.75000 308.139294 -244.807511 2.92E-14
2.59E-15 3.02E-13 -2417.941
1.00000 308.139294 -201.138175 2.39E-14
2.59E-15 2.93E-13 -2349.692

COMB SVB10 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -384.428800 -0.799557
89.338492 -198.360923 -2706.007 1.503290
0.25000 308.139294 -336.452824 1.503290
89.338492 -198.470441 -2595.659 3.737231
0.50000 308.139294 -289.912394 3.737231
89.338492 -199.274654 -2499.783 5.902265
0.75000 308.139294 -244.807511 5.902265
89.338492 -200.752460 -2417.941 7.998393
1.00000 308.139294 -201.138175
89.338492 -202.882757 -2349.692

COMB SVB10 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -384.428800 -0.799557
89.338492 -198.360923 -2706.007 1.503290
0.25000 308.139294 -336.452824 1.503290
89.338492 -198.470441 -2595.659 3.737231
0.50000 308.139294 -289.912394 3.737231
89.338492 -199.274654 -2499.783 5.902265
0.75000 308.139294 -244.807511 5.902265
89.338492 -200.752460 -2417.941 7.998393
1.00000 308.139294 -201.138175 7.998393
89.338492 -202.882757 -2349.692
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[illegible]

1.00000 543.831848 -179.719416 2.09E-14
4.68E-15 5.16E-13 -4127.952
COMB UEB01 ----- MIN
REL DIST T P M2 V2 V3
0.00000 543.831848 -363.010041 4.31E-14
4.68E-15 5.55E-13 -4458.029
0.25000 543.831848 -315.039474 3.73E-14
4.68E-15 5.43E-13 -4354.240
0.50000 543.831848 -268.493634 3.16E-14
4.68E-15 5.32E-13 -4264.942
0.75000 543.831848 -223.388752 2.62E-14
4.68E-15 5.23E-13 -4179.642
1.00000 543.831848 -179.719416 2.09E-14
4.68E-15 5.16E-13 -4127.952
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COMB UEB02 ----- MAX
REL DIST T P M2 V2 V3
0.00000 308.139294 -384.428800 4.61E-14
2.59E-15 3.36E-13 -2706.007
0.25000 308.139294 -336.452824 4.03E-14
2.59E-15 3.23E-13 -2595.659
0.50000 308.139294 -289.912394 3.46E-14
2.59E-15 3.11E-13 -2499.783
0.75000 308.139294 -244.807511 2.92E-14
2.59E-15 3.02E-13 -2417.941
1.00000 308.139294 -201.138175 2.39E-14
2.59E-15 2.93E-13 -2349.692

COMB UEB02 ----- MIN
REL DIST T P M2 V2 V3
0.00000 308.139294 -384.428800 4.61E-14
2.59E-15 3.36E-13 -2706.007
0.25000 308.139294 -336.452824 4.03E-14
2.59E-15 3.23E-13 -2595.659
0.50000 308.139294 -289.912394 3.46E-14
2.59E-15 3.11E-13 -2499.783
0.75000 308.139294 -244.807511 2.92E-14
2.59E-15 3.02E-13 -2417.941
1.00000 308.139294 -201.138175 2.39E-14
2.59E-15 2.93E-13 -2349.692

COMB UEB03 ----- MAX
REL DIST T P M2 V2 V3
0.00000 308.139294 -384.428800 -14.729861
11.545765 -8.764275 -2706.007 -11.736160
0.25000 308.139294 -336.452824 -11.736160
11.545765 -4.713952 -2595.659
0.50000 308.139294 -289.912394 -8.832037
11.545765 -1.566733 -2499.783
0.75000 308.139294 -244.807511 -6.017493
11.545765 0.704815 -2417.941 -3.292526
1.00000 308.139294 -201.138175 -3.292526
11.545765 2.128126 -2349.692

COMB UEB03 ----- MIN
REL DIST T P M2 V2 V3
0.00000 308.139294 -384.428800 -14.729861
11.545765 -8.764275 -2706.007 -11.736160
0.25000 308.139294 -336.452824 -11.736160
11.545765 -4.713952 -2595.659
0.50000 308.139294 -289.912394 -8.832037
11.545765 -1.566733 -2499.783
0.75000 308.139294 -244.807511 -6.017493
11.545765 0.704815 -2417.941 -3.292526
1.00000 308.139294 -201.138175 -3.292526
11.545765 2.128126 -2349.692

COMB UEB04 ----- MAX
REL DIST T P M2 V2 V3
0.00000 450.651071 -371.477922 -7.364931
5.772883 -4.382138 -3765.369
0.25000 450.651071 -323.501946 -5.868080
5.772883 -2.356976 -3658.987
0.50000 450.651071 -276.961516 -4.416019
5.772883 -0.783366 -3567.078
0.75000 450.651071 -231.856633 -3.008746
5.772883 0.352408 -3489.202
1.00000 450.651071 -188.187297 -1.646263
5.772883 1.064063 -3424.919

COMB UEB04 ----- MIN
REL DIST T P M2 V2 V3
0.00000 450.651071 -371.477922 -7.364931
5.772883 -4.382138 -3765.369
0.25000 450.651071 -323.501946 -5.868080
5.772883 -2.356976 -3658.987
0.50000 450.651071 -276.961516 -4.416019
5.772883 -0.783366 -3567.078
0.75000 450.651071 -231.856633 -3.008746
5.772883 0.352408 -3489.202
1.00000 450.651071 -188.187297 -1.646263
5.772883 1.064063 -3424.919

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FRAME ELEMENT INTERNAL FORCES

COMB UEB05 ----- MAX
REL DIST T P M2 V2 V3
0.00000 308.139294 -384.428800 -7.364931
5.772883 -4.382138 -2706.007 -5.868080
0.25000 308.139294 -336.452824 -5.868080
5.772883 -2.356976 -2595.659
0.50000 308.139294 -289.912394 -4.416019
5.772883 -0.783366 -2499.783
0.75000 308.139294 -244.807511 -3.008746
5.772883 0.352408 -2417.941 -1.646263
1.00000 308.139294 -201.138175 -1.646263
5.772883 1.064063 -2349.692

COMB UEB05 ----- MIN
REL DIST T P M2 V2 V3
0.00000 308.139294 -384.428800 -7.364931
5.772883 -4.382138 -2706.007 -5.868080
0.25000 308.139294 -336.452824 -5.868080
5.772883 -2.356976 -2595.659
0.50000 308.139294 -289.912394 -4.416019
5.772883 -0.783366 -2499.783

0.75000 308.139294 -244.807511 -3.008746
5.772883 0.352408 -2417.941
1.00000 308.139294 -201.138175 -1.646263
5.772883 1.064063 -2349.692
COMB UEB06 ----- MAX
REL DIST T P M2 V2 V3
0.00000 450.651071 -371.477922 13.690437
104.594274 -249.104925 -3765.369
0.25000 450.651071 -323.501946 13.690437
104.594274 -253.297621 -3658.987
0.50000 450.651071 -276.961516 13.690437
104.594274 -253.297621 -3658.987
0.75000 450.651071 -231.856633 13.690437
104.594274 -257.490317 -3567.078
1.00000 450.651071 -188.187297 13.690437
104.594274 -261.683014 -3489.202
1.00000 450.651071 -188.187297 13.690437
104.594274 -265.875710 -3424.919

COMB UEB06 ----- MIN
REL DIST T P M2 V2 V3
0.00000 450.651071 -371.477922 13.690437
104.594274 -249.104925 -3765.369
0.25000 450.651071 -323.501946 13.690437
104.594274 -253.297621 -3658.987
0.50000 450.651071 -276.961516 13.690437
104.594274 -257.490317 -3567.078
0.75000 450.651071 -231.856633 13.690437
104.594274 -261.683014 -3489.202
1.00000 450.651071 -188.187297 13.690437
104.594274 -265.875710 -3424.919

COMB UEB07 ----- MAX
REL DIST T P M2 V2 V3
0.00000 450.651071 -371.477922 4.43E-14
3.85E-15 4.68E-13 -3765.369
0.25000 450.651071 -323.501946 3.84E-14
3.85E-15 4.56E-13 -3658.987
0.50000 450.651071 -276.961516 3.28E-14
3.85E-15 4.45E-13 -3567.078
0.75000 450.651071 -231.856633 2.73E-14
3.85E-15 4.36E-13 -3489.202
1.00000 450.651071 -188.187297 2.21E-14
3.85E-15 4.28E-13 -3424.919

COMB UEB07 ----- MIN
REL DIST T P M2 V2 V3
0.00000 450.651071 -371.477922 4.43E-14
3.85E-15 4.68E-13 -3765.369
0.25000 450.651071 -323.501946 3.84E-14
3.85E-15 4.56E-13 -3658.987
0.50000 450.651071 -276.961516 3.28E-14
3.85E-15 4.45E-13 -3567.078
0.75000 450.651071 -231.856633 2.73E-14
3.85E-15 4.36E-13 -3489.202
1.00000 450.651071 -188.187297 2.21E-14
3.85E-15 4.28E-13 -3424.919

COMB UEB07 ----- MIN
REL DIST T P M2 V2 V3
0.00000 450.651071 -371.477922 4.43E-14
3.85E-15 4.68E-13 -3765.369
0.25000 450.651071 -323.501946 3.84E-14
3.85E-15 4.56E-13 -3658.987
0.50000 450.651071 -276.961516 3.28E-14
3.85E-15 4.45E-13 -3567.078
0.75000 450.651071 -231.856633 2.73E-14
3.85E-15 4.36E-13 -3489.202
1.00000 450.651071 -188.187297 2.21E-14
3.85E-15 4.28E-13 -3424.919

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COMB UEB08 ----- MAX
REL DIST T P M2 V2 V3
0.00000 308.139294 -384.428800 13.690437
104.594274 -249.104925 -2706.007
0.25000 308.139294 -336.452824 13.690437
104.594274 -253.297621 -2595.659
0.50000 308.139294 -289.912394 13.690437
104.594274 -257.490317 -2499.783
0.75000 308.139294 -244.807511 13.690437
104.594274 -261.683014 -2417.941
1.00000 308.139294 -201.138175 13.690437
104.594274 -265.875710 -2349.692

COMB UEB08 ----- MIN
REL DIST T P M2 V2 V3
0.00000 308.139294 -384.428800 13.690437
104.594274 -249.104925 -2706.007
0.25000 308.139294 -336.452824 13.690437
104.594274 -253.297621 -2595.659
0.50000 308.139294 -289.912394 13.690437
104.594274 -257.490317 -2499.783
0.75000 308.139294 -244.807511 13.690437
104.594274 -261.683014 -2417.941
1.00000 308.139294 -201.138175 13.690437
104.594274 -265.875710 -2349.692

COMB UEB09 ----- MAX
REL DIST T P M2 V2 V3
0.00000 308.139294 -384.428800 4.61E-14
2.59E-15 3.36E-13 -2706.007
0.25000 308.139294 -336.452824 4.03E-14
2.59E-15 3.23E-13 -2595.659
0.50000 308.139294 -289.912394 3.46E-14
2.59E-15 3.11E-13 -2499.783
0.75000 308.139294 -244.807511 2.92E-14
2.59E-15 3.02E-13 -2417.941
1.00000 308.139294 -201.138175 2.39E-14
2.59E-15 2.93E-13 -2349.692

COMB UEB09 ----- MIN
REL DIST T P M2 V2 V3
0.00000 308.139294 -384.428800 4.61E-14
2.59E-15 3.36E-13 -2706.007
0.25000 308.139294 -336.452824 4.03E-14
2.59E-15 3.23E-13 -2595.659
0.50000 308.139294 -289.912394 3.46E-14
2.59E-15 3.11E-13 -2499.783
0.75000 308.139294 -244.807511 2.92E-14
2.59E-15 3.02E-13 -2417.941
1.00000 308.139294 -201.138175 2.39E-14
2.59E-15 2.93E-13 -2349.692

COMB UEB10 ----- MAX
REL DIST T P M2 V2 V3
0.00000 292.732329 -365.207360 -0.999446
111.673115 -240.905154 -2570.707
0.25000 292.732329 -319.630183 6.082218
111.673115 -248.088051 -2465.876
0.50000 292.732329 -275.416774 8.917710
111.673115 -249.093318 -2374.794
0.75000 292.732329 -232.567136 10.270857
106.122266 -243.737560 -2570.707
1.00000 292.732329 -191.081267 11.580937
106.122266 -245.821728 -2465.876
106.122266 -248.340081 -3401.039
106.122266 -251.279429 -3327.102
106.122266 -254.626584 -3266.080

COMB UEB10 ----- MIN
REL DIST T P M2 V2 V3
0.00000 292.732329 -365.207360 -0.999446
111.673115 -240.905154 -2570.707
0.25000 292.732329 -319.630183 6.082218
111.673115 -248.088051 -2465.876
0.50000 292.732329 -275.416774 8.917710
111.673115 -249.093318 -2374.794
0.75000 292.732329 -232.567136 10.270857
106.122266 -243.737560 -2570.707
1.00000 292.732329 -191.081267 11.580937
106.122266 -245.821728 -2465.876
106.122266 -248.340081 -3401.039
106.122266 -251.279429 -3327.102
106.122266 -254.626584 -3266.080

REL DIST T P M2 V2 V3
0.00000 292.732329 -365.207360 -0.999446
111.673115 -247.951154 -2570.707
0.25000 292.732329 -319.630183 1.879112
111.673115 -248.088051 -2465.876
0.50000 292.732329 -275.416774 4.671538
111.673115 -249.093318 -2374.794
0.75000 292.732329 -232.567136 7.377831
111.673115 -250.940575 -2297.044
1.00000 292.732329 -191.081267 9.997991
111.673115 -253.603446 -2232.208
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FRAME ELEMENT INTERNAL FORCES

COMB UEB11 ----- MAX
REL DIST T P M2 V2 V3
0.00000 292.732329 -365.207360 -14.163328
11.101697 -8.427188 -2570.707
0.25000 292.732329 -319.630183 -11.284769
11.101697 -4.532646 -2465.876
0.50000 292.732329 -275.416774 -8.492344
11.101697 -1.506474 -2374.794
0.75000 292.732329 -232.567136 -5.786051
11.101697 0.677707 -2297.044
1.00000 292.732329 -191.081267 -3.165890
11.101697 2.046275 -2232.208

COMB UEB11 ----- MIN
REL DIST T P M2 V2 V3
0.00000 292.732329 -365.207360 -14.163328
11.101697 -8.427188 -2570.707
0.25000 292.732329 -319.630183 -11.284769
11.101697 -4.532646 -2465.876
0.50000 292.732329 -275.416774 -8.492344
11.101697 -1.506474 -2374.794
0.75000 292.732329 -232.567136 -5.786051
11.101697 0.677707 -2297.044
1.00000 292.732329 -191.081267 -3.165890
11.101697 2.046275 -2232.208

COMB UEB12 ----- MAX
REL DIST T P M2 V2 V3
0.00000 292.732329 -365.207360 6.082218
106.122266 -243.737560 -3589.324
0.25000 292.732329 -319.630183 7.521497
106.122266 -245.821728 -3488.307
0.50000 292.732329 -275.416774 8.917710
106.122266 -248.340081 -3401.039
0.75000 292.732329 -232.567136 10.270857
106.122266 -251.279429 -3327.102
106.122266 -254.626584 -3266.080

COMB UEB12 ----- MIN
REL DIST T P M2 V2 V3
0.00000 292.732329 -365.207360 6.082218
106.122266 -243.737560 -3589.324
0.25000 292.732329 -319.630183 7.521497
106.122266 -245.821728 -3488.307
0.50000 292.732329 -275.416774 8.917710
106.122266 -248.340081 -3401.039
0.75000 292.732329 -232.567136 10.270857
106.122266 -251.279429 -3327.102
106.122266 -254.626584 -3266.080

COMB UEB13 ----- MAX
REL DIST T P M2 V2 V3
0.00000 429.762884 -352.754593 -7.081664
5.550849 -4.213594 -3589.324
0.25000 429.762884 -307.177415 -5.642385
5.550849 -2.266323 -3488.307
0.50000 429.762884 -262.964007 -4.246172
5.550849 -0.753237 -3401.039
0.75000 429.762884 -220.114368 -2.893025
1.00000 429.762884 -178.628499 -1.582945
5.550849 1.023137 -3266.080

COMB UEB13 ----- MIN
REL DIST T P M2 V2 V3
0.00000 429.762884 -352.754593 -7.081664
5.550849 -4.213594 -3589.324
0.25000 429.762884 -307.177415 -5.642385
5.550849 -2.266323 -3488.307
0.50000 429.762884 -262.964007 -4.246172
5.550849 -0.753237 -3401.039
0.75000 429.762884 -220.114368 -2.893025
1.00000 429.762884 -178.628499 -1.582945
5.550849 1.023137 -3266.080

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FRAME ELEMENT INTERNAL FORCES

COMB UEB14 ----- MAX
REL DIST T P M2 V2 V3
0.00000 292.732329 -365.207360 6.082218
106.122266 -243.737560 -2570.707
0.25000 292.732329 -319.630183 7.521497
106.122266 -245.821728 -2465.876
0.50000 292.732329 -275.416774 8.917710
106.122266 -248.340081 -3401.039
0.75000 292.732329 -232.567136 10.270857
106.122266 -251.279429 -3327.102
1.00000 292.732329 -191.081267 11.580937
106.122266 -254.626584 -3266.080

COMB UEB14 ----- MIN
REL DIST T P M2 V2 V3
0.00000 292.732329 -365.207360 6.082218
106.122266 -243.737560 -2570.707
0.25000 292.732329 -319.630183 7.521497
106.122266 -245.821728 -2465.876
0.50000 292.732329 -275.416774 8.91

[illegible]

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

COMB ULO05 ----- MAX

REL DIST	T	P	M2	M3	V3
0.00000	414.731991	398.157894			-4.92E-14
4.99E-15	2.10E-13	-1622.391			
0.25000	414.731991	460.526654			-5.67E-14
4.99E-15	2.26E-13	-1753.924			
0.50000	414.731991	521.029212			-6.40E-14
4.99E-15	2.44E-13	-1904.273			
0.75000	414.731991	579.665560			-7.11E-14
4.99E-15	2.65E-13	-2072.864			
1.00000	414.731991	636.435697			-7.80E-14
4.99E-15	2.88E-13	-2259.127			

COMB ULO05 ----- MIN

REL DIST	T	P	M2	M3	V3
0.00000	414.731991	398.157894			-4.92E-14
4.99E-15	2.10E-13	-1622.391			
0.25000	414.731991	460.526654			-5.67E-14
4.99E-15	2.26E-13	-1753.924			
0.50000	414.731991	521.029212			-6.40E-14
4.99E-15	2.44E-13	-1904.273			
0.75000	414.731991	579.665560			-7.11E-14
4.99E-15	2.65E-13	-2072.864			
1.00000	414.731991	636.435697			-7.80E-14
4.99E-15	2.88E-13	-2259.127			

COMB ULO06 ----- MAX

REL DIST	T	P	M2	M3	V3
0.00000	455.528384	-488.477862			5.82E-14
5.17E-15	6.29E-13	-5054.140			
0.25000	455.528384	-426.109092			5.06E-14
5.17E-15	6.12E-13	-4434.142			
0.50000	455.528384	-365.606534			4.33E-14
5.17E-15	5.98E-13	-4792.958			
0.75000	455.528384	-306.970186			3.62E-14
5.17E-15	5.85E-13	-4690.017			
1.00000	455.528384	-250.200049			2.93E-14
5.17E-15	5.75E-13	-4604.748			

COMB ULO06 ----- MIN

REL DIST	T	P	M2	M3	V3
0.00000	455.528384	-488.477862			5.82E-14
5.17E-15	6.29E-13	-5054.140			
0.25000	455.528384	-426.109092			5.06E-14
5.17E-15	6.12E-13	-4434.142			
0.50000	455.528384	-365.606534			4.33E-14
5.17E-15	5.98E-13	-4792.958			
0.75000	455.528384	-306.970186			3.62E-14
5.17E-15	5.85E-13	-4690.017			
1.00000	455.528384	-250.200049			2.93E-14
5.17E-15	5.75E-13	-4604.748			

COMB ULO07 ----- MAX

REL DIST	T	P	M2	M3	V3
0.00000	543.133880	-485.143702			5.79E-14
4.63E-15	5.69E-13	-4573.655			
0.25000	543.133880	-422.774932			5.03E-14
4.63E-15	5.52E-13	-4434.678			
0.50000	543.133880	-362.272374			4.30E-14
4.63E-15	5.38E-13	-4314.515			
0.75000	543.133880	-303.636026			3.59E-14
4.63E-15	5.26E-13	-4212.596			
1.00000	543.133880	-246.865889			2.90E-14
4.63E-15	5.16E-13	-4128.348			

COMB ULO07 ----- MIN

REL DIST	T	P	M2	M3	V3
0.00000	543.133880	-485.143702			5.79E-14
4.63E-15	5.69E-13	-4573.655			
0.25000	543.133880	-422.774932			5.03E-14
4.63E-15	5.52E-13	-4434.678			
0.50000	543.133880	-362.272374			4.30E-14
4.63E-15	5.38E-13	-4314.515			
0.75000	543.133880	-303.636026			3.59E-14
4.63E-15	5.26E-13	-4212.596			
1.00000	543.133880	-246.865889			2.90E-14
4.63E-15	5.16E-13	-4128.348			

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COMB ULO08 ----- MAX

REL DIST	T	P	M2	M3	V3
0.00000	313.016606	-501.428740			6.00E-14
3.91E-15	4.96E-13	-3994.778			
0.25000	313.016606	-439.059970			5.24E-14
3.91E-15	4.79E-13	-3850.813			
0.50000	313.016606	-378.557412			4.51E-14
3.91E-15	4.64E-13	-3725.663			
0.75000	313.016606	-319.921064			3.80E-14
3.91E-15	4.51E-13	-3618.757			
1.00000	313.016606	-263.150927			3.11E-14
3.91E-15	4.41E-13	-3529.521			

COMB ULO08 ----- MIN

REL DIST	T	P	M2	M3	V3
0.00000	313.016606	-501.428740			6.00E-14
3.91E-15	4.96E-13	-3994.778			
0.25000	313.016606	-439.059970			5.24E-14
3.91E-15	4.79E-13	-3850.813			
0.50000	313.016606	-378.557412			4.51E-14
3.91E-15	4.64E-13	-3725.663			
0.75000	313.016606	-319.921064			3.80E-14
3.91E-15	4.51E-13	-3618.757			
1.00000	313.016606	-263.150927			3.11E-14
3.91E-15	4.41E-13	-3529.521			

COMB ULO09 ----- MAX

REL DIST	T	P	M2	M3	V3
0.00000	400.622103	-498.094580			5.97E-14
3.38E-15	4.36E-13	-3514.293			
0.25000	400.622103	-435.725810			5.21E-14
3.38E-15	4.19E-13	-3371.350			
0.50000	400.622103	-375.223252			4.48E-14
3.38E-15	4.04E-13	-3247.221			
0.75000	400.622103	-316.586904			3.77E-14
3.38E-15	3.92E-13	-3141.335			
1.00000	400.622103	-259.816767			3.08E-14
3.38E-15	3.81E-13	-3053.121			

COMB ULO09 ----- MIN

REL DIST	T	P	M2	M3	V3
0.00000	400.622103	-498.094580			5.97E-14
3.38E-15	4.36E-13	-3514.293			
0.25000	400.622103	-435.725810			5.21E-14
3.38E-15	4.19E-13	-3371.350			
0.50000	400.622103	-375.223252			4.48E-14
3.38E-15	4.04E-13	-3247.221			
0.75000	400.622103	-316.586904			3.77E-14
3.38E-15	3.92E-13	-3141.335			
1.00000	400.622103	-259.816767			3.08E-14
3.38E-15	3.81E-13	-3053.121			

COMB ULO10 ----- MAX

REL DIST	T	P	M2	M3	V3
0.00000	319.110127	876.514562			-1.07E-13
6.20E-15	1.34E-13	-974.448645			
0.25000	319.110127	936.484533			-1.15E-13
6.20E-15	1.68E-13	-1252.110			
0.50000	319.110127	994.660070			-1.22E-13
6.20E-15	2.04E-13	-1547.862			
0.75000	319.110127	1051.041			-1.28E-13
6.20E-15	2.42E-13	-1861.156			
1.00000	319.110127	1105.628			-1.35E-13
6.20E-15	2.82E-13	-2191.442			

COMB ULO10 ----- MIN

REL DIST	T	P	M2	M3	V3
0.00000	319.110127	876.514562			-1.07E-13
6.20E-15	1.34E-13	-974.448645			
0.25000	319.110127	936.484533			-1.15E-13
6.20E-15	1.68E-13	-1252.110			
0.50000	319.110127	994.660070			-1.22E-13
6.20E-15	2.04E-13	-1547.862			
0.75000	319.110127	1051.041			-1.28E-13
6.20E-15	2.42E-13	-1861.156			
1.00000	319.110127	1105.628			-1.35E-13
6.20E-15	2.82E-13	-2191.442			

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COMB ULO11 ----- MAX

REL DIST	T	P	M2	M3	V3
0.00000	403.346181	879.720485			-1.08E-13
5.69E-15	7.60E-14	-512.443864			
0.25000	403.346181	939.690456			-1.15E-13
5.69E-15	1.10E-13	-791.086960			
0.50000	403.346181	997.865993			-1.22E-13
5.69E-15	1.46E-13	-1087.821			
0.75000	403.346181	1054.247			-1.29E-13
5.69E-15	1.85E-13	-1402.097			
1.00000	403.346181	1108.834			-1.35E-13
5.69E-15	2.25E-13	-1733.364			

COMB ULO11 ----- MIN

REL DIST	T	P	M2	M3	V3
0.00000	403.346181	879.720485			-1.08E-13
5.69E-15	7.60E-14	-512.443864			
0.25000	403.346181	939.690456			-1.15E-13
5.69E-15	1.10E-13	-791.086960			
0.50000	403.346181	997.865993			-1.22E-13
5.69E-15	1.46E-13	-1087.821			
0.75000	403.346181	1054.247			-1.29E-13
5.69E-15	1.85E-13	-1402.097			
1.00000	403.346181	1108.834			-1.35E-13
5.69E-15	2.25E-13	-1733.364			

COMB ULO12 ----- MAX

REL DIST	T	P	M2	M3	V3
0.00000	451.575261	392.090964			-4.87E-14
6.52E-15	3.86E-13	-3040.613			
0.25000	451.575261	452.060934			-5.60E-14
6.52E-15	4.02E-13	-3169.920			
0.50000	451.575261	510.236471			-6.30E-14
6.52E-15	4.21E-13	-3317.317			
0.75000	451.575261	566.617575			-6.99E-14
6.52E-15	4.41E-13	-3482.256			
1.00000	451.575261	621.204245			-7.65E-14
6.52E-15	4.63E-13	-3664.187			

COMB ULO12 ----- MIN

REL DIST	T	P	M2	M3	V3
0.00000	451.575261	392.090964			-4.87E-14
6.52E-15	3.86E-13	-3040.613			
0.25000	451.575261	452.060934			-5.60E-14
6.52E-15	4.02E-13	-3169.920			
0.50000	451.575261	510.236471			-6.30E-14
6.52E-15	4.21E-13	-3317.317			
0.75000	451.575261	566.617575			-6.99E-14
6.52E-15	4.41E-13	-3482.256			
1.00000	451.575261	621.204245			-7.65E-14
6.52E-15	4.63E-13	-3664.187			

COMB ULO13 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	535.811316			395.296887		-4.90E-14
6.01E-15	3.29E-13			-2578.608		
0.25000	535.811316			455.266857		-5.63E-14
6.01E-15	3.45E-13			-2708.897		
0.50000	535.811316			513.442395		-6.33E-14
6.01E-15	3.63E-13			-2857.726		
0.75000	535.811316			569.823498		-7.01E-14
6.01E-15	3.84E-13			-3023.197		
1.00000	535.811316			624.410168		-7.68E-14

T M2 M3				0.75000 308.180315 -243.144651 2.90E-14	0.50000 222.102918 584.757422 -7.17E-14	COMB ENVBULT ----- MAX
4.21E-15	322.290203	513.486524	-6.30E-14	2.60E-15 3.01E-13 -2415.953	4.53E-15 1.99E-13 -1541.138	REL DIST T P M2 M3 V2 V3
0.25000	322.290203	810.588447	-6.88E-14	1.00000 308.180315 -199.475153	0.75000 222.102918 627.607061 -7.69E-14	
4.21E-15	1.29E-13	-975.226653	-7.44E-14	2.60E-15 2.93E-13 -2348.213	4.53E-15 2.44E-13 -1726.638	
0.50000	322.290203	608.002931	-7.44E-14	COMB UEO10 ----- MAX	1.00000 222.102918 669.092930 -8.19E-14	0.00000 636.273637 -478.338681 5.69E-14
4.21E-15	1.51E-13	-1154.338	-7.99E-14	REL DIST T P M2 M3 V2 V3	4.53E-15 2.46E-13 -1925.408	4.54E-15 6.56E-13 -5269.831
0.75000	322.290203	653.107813	-8.52E-14	0.00000 T M2 M3	COMB UEO14 ----- MIN	0.25000 636.273637 -415.969911 4.93E-14
4.21E-15	1.75E-13	-1347.482		5.42E-15 3.28E-14 -162.646492 -1.21E-13	REL DIST T P M2 M3 V2 V3	5.45E-15 6.39E-13 -5132.938
1.00000	322.290203	696.771149		0.25000 226.668339 991.843202 -1.27E-13	0.00000 222.102918 494.966836 -6.08E-14	0.50000 636.273637 -355.467353 4.20E-14
4.21E-15	2.00E-13	-1554.220		5.42E-15 7.07E-14 -473.412282 -1.37E-13	4.53E-15 1.58E-13 -1210.194	0.75000 636.273637 -296.831005 3.49E-14
COMB UEO05 ----- MIN				0.50000 226.668339 1081.634 -1.32E-13	0.25000 222.102918 540.544014 -6.63E-14	5.45E-15 6.14E-13 -4915.024
REL DIST T P M2 M3 V2 V3				5.42E-15 1.10E-13 -797.927256 -1.37E-13	4.53E-15 1.78E-13 -1368.791	1.00000 636.273637 -240.060868 2.80E-14
0.00000	322.290203	513.486524	-6.30E-14	5.42E-15 1.52E-13 -1135.774 -1.42E-13	0.50000 222.102918 584.757422 -7.17E-14	COMB ENVBULT ----- MIN
4.21E-15	1.09E-13	-810.588447	-6.88E-14	1.00000 226.668339 1165.969 -1.42E-13	0.75000 222.102918 627.607061 -7.69E-14	REL DIST T P M2 M3 V2 V3
0.25000	322.290203	561.462501	-6.88E-14	5.42E-15 1.94E-13 -1486.534	4.53E-15 2.22E-13 -1726.816	0.00000 T M2 M3
4.21E-15	1.29E-13	-975.226653	-7.44E-14	COMB UEO10 ----- MIN	1.00000 222.102918 669.092930 -8.19E-14	0.25000 636.273637 -415.969911 4.93E-14
0.50000	322.290203	608.002931	-7.44E-14	REL DIST T P M2 M3 V2 V3	4.53E-15 2.46E-13 -1925.408	5.45E-15 6.39E-13 -5132.938
0.75000	322.290203	653.107813	-7.99E-14	0.00000 226.668339 991.843202 -1.21E-13	COMB UEO15 ----- MAX	0.50000 636.273637 -355.467353 4.20E-14
4.21E-15	1.75E-13	-1347.482	-8.52E-14	5.42E-15 3.28E-14 -162.646492 -1.27E-13	REL DIST T P M2 M3 V2 V3	5.45E-15 6.25E-13 -5014.859
1.00000	322.290203	696.771149		0.25000 226.668339 1037.420 -1.27E-13	0.00000 306.338972 498.172760 -6.11E-14	0.75000 636.273637 -296.831005 3.49E-14
4.21E-15	2.00E-13	-1554.220		5.42E-15 7.07E-14 -473.412282 -1.32E-13	4.02E-15 1.01E-13 -748.188809 -6.66E-14	5.45E-15 6.14E-13 -4915.024
COMB UEO06 ----- MAX				0.50000 226.668339 1081.634 -1.32E-13	0.25000 306.338972 543.749937 -6.66E-14	1.00000 636.273637 -240.060868 2.80E-14
REL DIST T P M2 M3 V2 V3				5.42E-15 1.10E-13 -797.927256 -1.37E-13	4.02E-15 1.20E-13 -907.768026 -7.20E-14	5.45E-15 6.04E-13 -4832.860
0.00000	363.086595	-373.149222	4.44E-14	0.75000 226.668339 1124.483 -1.37E-13	0.50000 306.338972 587.963346 -7.20E-14	Program SAP2000 Nonlinear Version 7.42
4.39E-15	5.28E-13	-4242.338	3.85E-14	5.42E-15 1.52E-13 -1135.774 -1.42E-13	4.02E-15 1.42E-13 -1081.096 -8.22E-14	File:창도1교상행_P9_본체.OUT
0.25000	363.086595	-325.173245	3.29E-14	1.00000 226.668339 1165.969	0.75000 306.338972 630.812984 -7.72E-14	Page
4.39E-15	5.15E-13	-4135.444	3.29E-14	Program SAP2000 Nonlinear Version 7.42	1.00000 306.338972 672.298853 -8.22E-14	: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체
0.50000	363.086595	-278.632816	3.29E-14	File:창도1교상행_P9_본체.OUT	4.02E-15 1.89E-13 -1467.330	395
4.39E-15	5.04E-13	-4043.023	2.75E-14	COMB UEO06 ----- MIN	COMB UEO15 ----- MIN	FRAME ELEMENT INTERNAL FORCES
0.75000	363.086595	-233.527933	2.22E-14	REL DIST T P M2 M3 V2 V3	REL DIST T P M2 M3 V2 V3	COMB ENVBULT ----- MAX
4.39E-15	4.95E-13	-3964.635	2.22E-14	0.00000 306.338972 498.172760 -6.11E-14	0.00000 306.338972 498.172760 -6.11E-14	REL DIST T P M2 M3 V2 V3
1.00000	363.086595	-189.858597		4.02E-15 1.01E-13 -748.188809 -6.66E-14	0.25000 306.338972 543.749937 -6.66E-14	0.00000 543.831848 -363.010041 4.61E-14
4.39E-15	4.87E-13	-3899.841		0.25000 306.338972 587.963346 -7.20E-14	4.02E-15 1.20E-13 -907.768026 -7.20E-14	4.68E-15 5.55E-13 -2706.907
COMB UEO06 ----- MIN				0.50000 306.338972 587.963346 -7.20E-14	4.02E-15 1.42E-13 -1081.096 -7.72E-14	0.25000 543.831848 -315.034064 4.03E-14
REL DIST T P M2 M3 V2 V3				0.75000 306.338972 630.812984 -7.72E-14	4.02E-15 1.64E-13 -1267.756 -8.22E-14	4.68E-15 5.43E-13 -2595.659
0.00000	363.086595	-373.149222	4.44E-14	4.02E-15 1.89E-13 -1467.330	1.00000 306.338972 672.298853 -8.22E-14	0.50000 543.831848 -268.493634 3.46E-14
4.39E-15	5.28E-13	-4242.338	3.85E-14	COMB UEO16 ----- MAX	REL DIST T P M2 M3 V2 V3	4.68E-15 5.32E-13 -2499.783
0.25000	363.086595	-325.173245	3.29E-14	REL DIST T P M2 M3 V2 V3	0.00000 308.170848 -383.149677 4.59E-14	0.75000 543.831848 -233.388752 2.92E-14
4.39E-15	5.15E-13	-4135.444	3.29E-14	0.00000 310.904393 995.049125 -1.21E-13	2.60E-15 3.36E-13 -2703.302 4.01E-14	4.68E-15 5.23E-13 -2415.953
0.50000	363.086595	-278.632816	3.29E-14	4.91E-15 2.48E-14 299.358289 -1.27E-13	0.25000 308.170848 -335.173700 4.01E-14	1.00000 543.831848 -179.719414 2.39E-14
4.39E-15	5.04E-13	-4043.023	2.75E-14	0.25000 310.904393 1040.626 -1.27E-13	2.60E-15 3.01E-13 -2416.411 2.37E-14	COMB ENVBULT ----- MIN
0.75000	363.086595	-233.527933	2.22E-14	4.91E-15 1.32E-14 -12.389315 -1.32E-13	2.60E-15 3.11E-13 -2497.862 2.90E-14	REL DIST T P M2 M3 V2 V3
4.39E-15	4.95E-13	-3964.635	2.22E-14	0.50000 310.904393 1084.840 -1.32E-13	2.60E-15 3.01E-13 -2416.411 2.37E-14	0.00000 636.314657 -476.675820 5.67E-14
1.00000	363.086595	-189.858597		4.91E-15 5.29E-14 -337.886103 -1.38E-13	0.75000 308.170848 -243.528388 2.90E-14	4.68E-15 6.13E-13 -5242.315
4.39E-15	4.87E-13	-3899.841		0.75000 310.904393 1127.689 -1.38E-13	2.60E-15 3.01E-13 -2416.411 2.37E-14	0.25000 636.314657 -414.307051 4.91E-14
COMB UEO07 ----- MAX				4.91E-15 9.42E-14 -676.714420 -1.43E-13	2.60E-15 2.93E-13 -2348.554 2.37E-14	0.50000 636.314657 -353.804492 4.18E-14
REL DIST T P M2 M3 V2 V3				1.00000 310.904393 1169.175 -1.43E-13	2.60E-15 2.93E-13 -2348.554 2.37E-14	5.46E-15 6.25E-13 -5012.362
0.00000	450.692092	-369.815062	4.41E-14	4.91E-15 1.37E-13 -1028.457	COMB UEO16 ----- MIN	0.75000 636.314657 -295.168144 3.47E-14
3.86E-15	4.68E-13	-3761.853	3.82E-14	REL DIST T P M2 M3 V2 V3	REL DIST T P M2 M3 V2 V3	4.68E-15 6.13E-13 -5242.315
0.25000	450.692092	-321.839085	3.26E-14	0.00000 310.904393 995.049125 -1.21E-13	0.00000 308.170848 -383.149677 4.59E-14	1.00000 636.314657 -238.398008 2.78E-14
4.39E-15	5.15E-13	-4135.444	3.26E-14	4.91E-15 2.48E-14 299.358289 -1.27E-13	2.60E-15 3.36E-13 -2703.302 4.01E-14	COMB ENVBULT ----- MIN
0.50000	363.086595	-278.632816	3.29E-14	0.25000 310.904393 1040.626 -1.27E-13	2.60E-15 3.01E-13 -2416.411 2.37E-14	REL DIST T P M2 M3 V2 V3
4.39E-15	5.04E-13	-4043.023	2.75E-14	4.91E-15 1.32E-14 -12.389315 -1.32E-13	2.60E-15 3.11E-13 -2497.862 2.90E-14	0.00000 636.314657 -476.675820 5.67E-14
0.75000	363.086595	-233.527933	2.22E-14	0.50000 310.904393 1084.840 -1.32E-13	2.60E-15 3.01E-13 -2416.411 2.37E-14	4.68E-15 5.55E-13 -2706.907
4.39E-15	4.95E-13	-3964.635	2.22E-14	4.91E-15 5.29E-14 -337.886103 -1.38E-13	0.75000 308.170848 -243.528388 2.90E-14	0.25000 636.314657 -414.307051 4.91E-14
1.00000	363.086595	-189.858597		0.75000 310.904393 1127.689 -1.38E-13	2.60E-15 2.93E-13 -2348.554 2.37E-14	0.50000 636.314657 -353.804492 4.18E-14
4.39E-15	4.87E-13	-3899.841		4.91E-15 9.42E-14 -676.714420 -1.43E-13	2.60E-15 2.93E-13 -2348.554 2.37E-14	5.46E-15 6.25E-13 -5012.362
COMB UEO07 ----- MAX				1.00000 310.904393 1169.175 -1.43E-13	2.60E-15 2.93E-13 -2348.554 2.37E-14	0.75000 636.314657 -295.168144 3.47E-14
REL DIST T P M2 M3 V2 V3				4.91E-15 1.37E-13 -1028.457	COMB UEO16 ----- MIN	4.68E-15 6.13E-13 -5242.315
0.00000	450.692092	-369.815062	4.41E-14	REL DIST T P M2 M3 V2 V3	REL DIST T P M2 M3 V2 V3	1.00000 636.314657 -238.398008 2.78E-14
3.86E-15	4.68E-13	-3761.853	3.82E-14	0.00000 310.904393 995.049125 -1.21E-13	0.00000 308.170848 -383.149677 4.59E-14	COMB ENVBULT ----- MIN
0.25000	450.692092	-321.839085	3.26E-14	4.91E-15 2.48E-14 299.358289 -1.27E-13	2.60E-15 3.36E-13 -2703.302 4.01E-14	REL DIST T P M2 M3 V2 V3
4.39E-15	5.15E-13	-4135.444	3.26E-14	0.25000 310.904393 1040.626 -1.27E-13	2.60E-15 3.01E-13 -2416.411 2.37E-14	0.00000 636.314657 -476.675820 5.67E-14
0.50000	363.086595	-278.632816	3.29E-14	4.91E-15 1.32E-14 -12.389315 -1.32E-13	2.60E-15 3.11E-13 -2497.862 2.90E-14	4.68E-15 5.55E-13 -2706.907
4.39E-15	5.04E-13	-4043.023	2.75E-14	0.50000 310.904393 1084.840 -1.32E-13	2.60E-15 3.01E-13 -2416.411 2.37E-14	0.25000 636.314657 -414.307051 4.91E-14
0.75000	363.086595	-233.527933	2.22E-14	4.91E-15 5.29E-14 -337.886103 -1.38E-13	0.75000 308.170848 -243.528388 2.90E-14	0.50000 636.314657 -353.804492 4.18E-14
4.39E-15	4.95E-13	-3964.635	2.22E-14	0.75000 310.904393 1127.689 -1.38E-13	2.60E-15 2.93E-13 -2348.554 2.37E-14	5.46E-15 6.25E-13 -5012.362
1.00000	363.086595	-189.858597		4.91E-15 9.42E-14 -676.714420 -1.43E-13	2.60E-15 2.93E-13 -2348.554 2.37E-14	0.75000 636.314657 -295.168144 3.47E-14
4.39E-15	4.87E-13	-3899.841		1.00000 310.904393 1169.175 -1.43E-13	2.60E-15 2.93E-13 -2348.554 2.37E-14	4.68E-15 6.13E-13 -5242.315
COMB UEO07 ----- MAX				4.91E-15 1.37E-13 -1028.457	COMB UEO16 ----- MIN	1.00000 636.314657 -238.398008 2.78E-14
REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3	REL DIST T P M2 M3 V2 V3	5.46E-15 6.04E-13 -4017.952
0.00000	450.692092	-369.815062	4.41E-14	0.00000 310.904393 995.049125 -1.21E-13	0.00000 308.170848 -383.149677 4.59E-14	COMB ENVBULT ----- MIN
3.86E-15	4.68E-13	-3761.853	3.82E-14	4.91E-15 2.48E-14 299.358289 -1.27E-13	2.60E-15 3.36E-13 -2703.302 4.01E-14	REL DIST T P M2 M3 V2 V3
0.25000	450.692092	-321.839085	3.26E-14	0.25000 310.904393 1040.626 -1.27E-13	2.60E-15 3.01E-13 -2416.411 2.37E-14	0.00000 636.314657 -476.675820 5.67E-14
4.39E-15	5.15E-13	-4135.444	3.26E-14	4.91E-15 1.32E-14 -12.389315 -1.32E-13	2.60E-15 3.11E-13 -2497.862 2.90E-14	4.68E-15 5.55E-13 -2706.907
0.50000	363.086595	-278.632816	3.29E-14	0.50000 310.904393 1084.840 -1.32E-13	2.60E-15 3.01E-13 -2416.411 2.37E-14	0.25000 636.314657 -414.307051 4.91E-14
4.39E-15	5.04E-13	-4043.023	2.75E-14	4.91E-15 5.29E-14 -337.886103 -1.38E-13	0.75000 308.170848 -243.528388 2.90E-14	0.50000 636.314657 -353.804492 4.18E-14
0.75000	363.086595	-233.527933	2.22E-14	0.75000 310.904393 1127.689 -1.38E-13	2.60E-15 2.93E-13 -2348.554 2.37E-14	5.46E-15 6.25E-13 -5012.362
4.39E-15	4.95E-13	-3964.635	2.22E-14	4.91E-15 9.42E-14 -676.714420 -1.43E-13	2.60E-15 2.93E-13 -2348.554 2.37E-14	0.75000 636.314657 -295.168144 3.47E-14
1.00000	363.086595	-189.858597		1.00000 310.904393 1169.175 -1.43E-13	2.60E-15 2.93E-13 -234	

2.59E-15	308.139294	-148.544425	1.75E-14	LOAD COL-TR	REL DIST	T	M2	P	M3	V2	V3	4.440679	1.029911	-3133.379	-0.004106	REL DIST	T	M2	P	M3	V2	V3									
2.59E-15	2.86E-13	-2284.127	0.75000									417.763738	-138.582212																		
1.00000	308.139294	-131.013175	1.54E-14									4.440679	1.056722	-3114.960																	
2.59E-15	2.84E-13	-2266.654										1.00000	417.763738	-121.050962	0.416644																
4.440679	1.030938	-3098.733										4.440679	1.030938	-3098.733																	
LOAD LI												COMB SVB05										MAX									
REL DIST	T	M2	P	M3	V2	V3																									
0.00000	109.624444	9.962214	-1.39E-15									REL DIST	T	M2	P	M3	V2	V3													
9.68E-16	1.04E-13	-827.097733										0.00000	308.139294	-201.138175																	
0.25000	109.624444	9.962214	-1.39E-15									0.440679	0.818510	-2349.692	-1.266356																
9.68E-16	1.04E-13	-828.343010	-1.39E-15									0.25000	308.139294	-183.606925	-0.845606																
0.50000	109.624444	9.962214	-1.39E-15									0.50000	308.139294	-166.075675	-0.424856																
9.68E-16	1.04E-13	-829.588287	-1.39E-15									0.75000	308.139294	-148.544425	-0.004106																
0.75000	109.624444	9.962214	-1.39E-15									4.440679	1.029911	-2303.790	-0.004106																
9.68E-16	1.04E-13	-830.833564	-1.39E-15									0.75000	308.139294	-148.544425	-0.004106																
1.00000	109.624444	9.962214	-1.39E-15									4.440679	1.030938	-2266.654	0.416644																
9.68E-16	1.04E-13	-832.078840	-1.39E-15									1.00000	308.139294	-131.013175	0.416644																
LOAD W-LO												COMB SVB05										MIN									
REL DIST	T	M2	P	M3	V2	V3																									
0.00000	1.14E-17	-3.14E-16	-2.532712									REL DIST	T	M2	P	M3	V2	V3													
8.881358	1.637020	2.81E-16	-1.691212									0.00000	308.139294	-201.138175	-1.266356																
0.25000	1.14E-17	-2.12E-16	-1.691212									0.25000	308.139294	-183.606925	-0.845606																
8.881358	1.901015	3.13E-16	-0.849712									0.440679	0.950508	-2325.646	-0.424856																
0.50000	1.14E-17	-1.10E-16	-0.849712									0.50000	308.139294	-166.075675	-0.424856																
8.881358	2.059823	3.34E-16	-0.849712									0.75000	308.139294	-148.544425	-0.004106																
0.75000	1.14E-17	-8.28E-18	-0.008212									4.440679	1.029911	-2303.790	0.416644																
8.881358	2.113443	3.41E-16	-0.833288									1.00000	308.139294	-131.013175	0.416644																
1.00000	1.14E-17	9.36E-17	-0.833288									4.440679	1.030938	-2266.654																	
8.881358	2.061876	3.36E-16	-0.833288									1.00000	308.139294	-131.013175	0.416644																
LOAD G-LO2												COMB SVB06										MAX									
REL DIST	T	M2	P	M3	V2	V3																									
0.00000	4.99E-16	1.16E-15	10.531105									REL DIST	T	M2	P	M3	V2	V3													
80.457134	-204.519777	-2.10E-14	10.531105									0.00000	308.139294	-201.138175	-1.266356																
0.25000	4.99E-16	1.16E-15	10.531105									0.25000	308.139294	-183.606925	-0.845606																
80.457134	-205.836165	-2.12E-14	10.531105									0.440679	0.950508	-2325.646	-0.424856																
0.50000	4.99E-16	1.16E-15	10.531105									0.50000	308.139294	-166.075675	-0.424856																
80.457134	-207.152553	-2.13E-14	10.531105									0.75000	308.139294	-148.544425	-0.004106																
0.75000	4.99E-16	1.16E-15	10.531105									4.440679	1.029911	-2303.790	0.416644																
80.457134	-208.468942	-2.14E-14	10.531105									1.00000	308.139294	-131.013175	0.416644																
1.00000	4.99E-16	1.16E-15	10.531105									4.440679	1.030938	-2266.654																	
80.457134	-209.785330	-2.16E-14	10.531105									1.00000	308.139294	-131.013175	0.416644																
LOAD E-LO												COMB SVB06										MIN									
REL DIST	T	M2	P	M3	V2	V3																									
0.00000	0.000000	0.000000	0.000000									REL DIST	T	M2	P	M3	V2	V3													
0.00000	0.000000	0.000000	0.000000									0.00000	417.763738	-191.175962	2.25E-14																
0.25000	0.000000	0.000000	0.000000									80.457134	-204.519777	-3176.790	10.531105																
0.00000	0.000000	0.000000	0.000000									0.25000	417.763738	-173.644712	10.531105																
0.50000	0.000000	0.000000	0.000000									80.457134	-205.836165	-3153.989	10.531105																
0.75000	0.000000	0.000000	0.000000									0.50000	417.763738	-156.113462	10.531105																
0.00000	0.000000	0.000000	0.000000									80.457134	-207.152553	-3133.379	10.531105																
0.00000	0.000000	0.000000	0.000000									0.75000	417.763738	-138.582212	10.531105																
1.00000	0.000000	0.000000	0.000000									1.00000	417.763738	-121.050962	10.531105																
0.00000	0.000000	0.000000	0.000000									80.457134	-208.468942	-3114.960	10.531105																
LOAD W-TR												COMB SVB06										MIN									
REL DIST	T	M2	P	M3	V2	V3																									
0.00000	14.506097	1088.926	-1.32E-13									REL DIST	T	M2	P	M3	V2	V3													
1.96E-15	-1.13E-13	961.862355	-1.32E-13									0.00000	417.763738	-191.175962	10.531105																
0.25000	14.506097	1088.926	-1.32E-13									80.457134	-204.519777	-3176.790	10.531105																
1.96E-15	-9.67E-14	825.997197	-1.32E-13									0.25000	417.763738	-173.644712	10.531105																
0.50000	14.506097	1088.926	-1.32E-13									80.457134	-205.836165	-3153.989	10.531105																
1.96E-15	-8.02E-14	690.131439	-1.32E-13									0.50000	417.763738	-156.113462	10.531105																
Program SAP2000 Nonlinear Version 7.42												COMB SVB07										MAX									
File:청도1교상행_P9_본체.OUT												REL DIST										T									
												M2										P									
												M3										V2									
												V3										V3									
												Page										401									
												: AAbutPier SAP2000 6-7 데이트파일 : 교각 본체																			
												397																			
												F R A M E E L E M E N T I N T E R N A L F O R C E S																			
REL DIST	T	M2	P	M3	V2	V3																									
0.75000	14.506097	1088.926	-1.32E-13									REL DIST	T	M2	P	M3	V2	V3													
1.96E-15	-5.58E-14	554.820276	-1.32E-13									0.00000	417.763738	-191.175962	2.25E-14																
1.00000	14.506097	1088.926	-1.32E-13									80.457134	-204.519777	-3176.790	10.531105																
1.96E-15	-4.72E-14	418.399923	-1.32E-13									0.25000	417.763738	-173.644712	2.04E-14																
LOAD WL												COMB SVB07										MAX									
REL DIST	T	M2	P	M3	V2	V3																									
0.00000	3.600712	145.961940	-1.77E-14									REL DIST	T	M2	P	M3	V2	V3													
2.62E-16	-1.53E-14	129.832638	-1.77E-14									0.00000	417.763738	-191.175962	2.25E-14																
0.25000	3.600712	145.961940	-1.77E-14									3.56E-15	3.97E-13	-3176.790	10.531105																
2.62E-16	-1.31E-14	111.587395	-1.77E-14									0.25000	417.763738	-173.644712	2.04E-14																
0.50000	3.600712	145.961940	-1.77E-14									0.50000	417.763738	-156.113462	1.82E-14																
2.62E-16	-1.09E-14	93.342112	-1.77E-14									3.56E-15	3.94E-13	-3153.989	1.82E-14																
0.75000	3.600712	145.961940	-1.77E-14									0.75000	417.763738	-138.582212	1.61E-14																
2.62E-16	-8.64E-15	75.096910	-1.77E-14									1.00000	417.763738	-121.050962	1.40E-14																
1.00000	3.600712	145.961940	-1.77E-14									3.56E-15	3.90E-13	-3114.960	1.40E-14																
2.62E-16	-6.42E-15	56.851668	-1.77E-14									1.00000	417.763738	-121.050962	1.40E-14																
LOAD G-TR												COMB SVB08										MAX									
REL DIST	T	M2	P	M3	V2	V3																									
0.00000	308.139294	-201.138175	-2.532712									REL DIST	T	M2	P	M3	V2	V3													
8.881358	1.637020	-2349.692	-1.691212									0.00000	308.139294	-201.138175	-1.266356																
0.25000	308.139294	-183.606925	-0.849712									0.250																			

COMB SVB14-----MAX				2.55000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
REL DIST T P M2 M3 V2 V3				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -203.701267 -2349.692 9.264749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.25000 308.139294 -183.606925 9.685499				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -204.885658 -2325.646				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.50000 308.139294 -166.075675 10.106249				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -206.122642 -2303.790				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.75000 308.139294 -148.544425 10.526999				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -207.412220 -2284.127 10.947749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
1.00000 308.139294 -131.013175 10.947749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -208.754392 -2266.654				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
COMB SVB14-----MIN				2.55000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
REL DIST T P M2 M3 V2 V3				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.00000 308.139294 -201.138175 9.264749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -203.701267 -2349.692 9.264749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.25000 308.139294 -183.606925 9.685499				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -204.885658 -2325.646				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.50000 308.139294 -166.075675 10.106249				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -206.122642 -2303.790				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.75000 308.139294 -148.544425 10.526999				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -207.412220 -2284.127 10.947749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
1.00000 308.139294 -131.013175 10.947749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -208.754392 -2266.654				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
COMB SVB15-----MAX				2.55000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
REL DIST T P M2 M3 V2 V3				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.00000 308.139294 -201.138175 9.264749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -203.701267 -2349.692 9.264749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.25000 308.139294 -183.606925 9.685499				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -204.885658 -2325.646				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.50000 308.139294 -166.075675 10.106249				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -206.122642 -2303.790				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.75000 308.139294 -148.544425 10.526999				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -207.412220 -2284.127 10.947749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
1.00000 308.139294 -131.013175 10.947749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -208.754392 -2266.654				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
COMB SVB15-----MIN				2.55000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
REL DIST T P M2 M3 V2 V3				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.00000 308.139294 -201.138175 9.264749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -203.701267 -2349.692 9.264749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.25000 308.139294 -183.606925 9.685499				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -204.885658 -2325.646				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.50000 308.139294 -166.075675 10.106249				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -206.122642 -2303.790				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.75000 308.139294 -148.544425 10.526999				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -207.412220 -2284.127 10.947749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
1.00000 308.139294 -131.013175 10.947749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -208.754392 -2266.654				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
COMB SVB15-----MAX				2.55000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
REL DIST T P M2 M3 V2 V3				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.00000 308.139294 -201.138175 9.264749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -203.701267 -2349.692 9.264749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.25000 308.139294 -183.606925 9.685499				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -204.885658 -2325.646				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.50000 308.139294 -166.075675 10.106249				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -206.122642 -2303.790				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
0.75000 308.139294 -148.544425 10.526999				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
84.897813 -207.412220 -2284.127 10.947749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
1.00000 308.139294 -131.013175 10.947749				0.00000 400.581082 -238.689003 -2.198576				0.00000 400.581082 -261.479628 13.690437				106.122266 -259.265275 -3893.700 1.00000 522.204672 -151.31702 13.684687			
8															

4.63E-15 5.09E-13 -4073.392
0.75000 543.092859 -180.156875
4.63E-15 5.07E-13 -4049.448
1.00000 543.092859 -157.366250
4.63E-15 5.04E-13 -4028.353

COMB ULB17 ----- MIN

REL DIST T P M2 M3 V3
0.00000 543.092859 -248.528750 2.92E-14
4.63E-15 5.16E-13 -4129.827
0.25000 543.092859 -225.738125 2.65E-14
4.63E-15 5.13E-13 -4100.185
0.50000 543.092859 -202.947500 2.37E-14
4.63E-15 5.09E-13 -4073.392
0.75000 543.092859 -180.156875 2.09E-14
4.63E-15 5.07E-13 -4049.448
1.00000 543.092859 -157.366250 1.82E-14
4.63E-15 5.04E-13 -4028.353

COMB ULB18 ----- MAX

REL DIST T P M2 M3 V3
0.00000 369.767153 -241.365810 -3.039255
10.657629 1.964424 -2819.631
0.25000 369.767153 -222.328310 -2.029455
0.50000 369.767153 -199.290710 -1.019655
10.657629 2.471788 -2764.548
0.75000 369.767153 -178.253310 -0.009855
10.657629 2.536132 -2740.952
1.00000 369.767153 -157.215810 0.999945
10.657629 2.474251 -2719.985

COMB ULB18 ----- MIN

REL DIST T P M2 M3 V3
0.00000 369.767153 -241.365810 -3.039255
10.657629 1.964424 -2819.631
0.25000 369.767153 -220.328310 -2.029455
10.657629 2.281218 -2790.775
0.50000 369.767153 -199.290810 -1.019655
10.657629 2.471788 -2764.548
0.75000 369.767153 -178.253310 -0.009855
10.657629 2.536132 -2740.952
1.00000 369.767153 -157.215810 0.999945
10.657629 2.474251 -2719.985
Program SAP2000 Nonlinear Version 7.42
File:청도교상행_P9_본체.OUT

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FRAME ELEMENT INTERNAL FORCES

COMB UEB01 ----- MAX

REL DIST T P M2 M3 V3
0.00000 543.831848 -179.719416 2.09E-14
4.68E-15 5.16E-13 -4127.952
0.25000 543.831848 -162.188166 1.88E-14
4.68E-15 5.14E-13 -4106.583
0.50000 543.831848 -144.656916 1.66E-14
4.68E-15 5.11E-13 -4087.405
0.75000 543.831848 -127.125666 1.45E-14
4.68E-15 5.09E-13 -4070.419
1.00000 543.831848 -109.594416 1.24E-14
4.68E-15 5.08E-13 -4055.624

COMB UEB01 ----- MIN

REL DIST T P M2 M3 V3
0.00000 543.831848 -179.719416 2.09E-14
4.68E-15 5.16E-13 -4127.952
0.25000 543.831848 -162.188166 1.88E-14
4.68E-15 5.14E-13 -4106.583
0.50000 543.831848 -144.656916 1.66E-14
4.68E-15 5.11E-13 -4087.405
0.75000 543.831848 -127.125666 1.45E-14
4.68E-15 5.09E-13 -4070.419
1.00000 543.831848 -109.594416 1.24E-14
4.68E-15 5.08E-13 -4055.624

COMB UEB02 ----- MAX

REL DIST T P M2 M3 V3
0.00000 308.139294 -201.138175 2.39E-14
2.59E-15 2.93E-13 -2349.692
0.25000 308.139294 -183.606925 2.17E-14
2.59E-15 2.91E-13 -2325.646
0.50000 308.139294 -166.075675 1.96E-14
2.59E-15 2.88E-13 -2303.790
0.75000 308.139294 -148.544425 1.75E-14
2.59E-15 2.86E-13 -2284.127
1.00000 308.139294 -131.013175 1.54E-14
2.59E-15 2.84E-13 -2266.654

COMB UEB02 ----- MIN

REL DIST T P M2 M3 V3
0.00000 308.139294 -201.138175 2.39E-14
2.59E-15 2.93E-13 -2349.692
0.25000 308.139294 -183.606925 2.17E-14
2.59E-15 2.91E-13 -2325.646
0.50000 308.139294 -166.075675 1.96E-14
2.59E-15 2.88E-13 -2303.790
0.75000 308.139294 -148.544425 1.75E-14
2.59E-15 2.86E-13 -2284.127
1.00000 308.139294 -131.013175 1.54E-14
2.59E-15 2.84E-13 -2266.654

COMB UEB03 ----- MAX

REL DIST T P M2 M3 V3
0.00000 308.139294 -201.138175 -3.292526
11.545765 2.128126 -2349.692
0.25000 308.139294 -183.606925 -2.198576
11.545765 2.471320 -2325.646
0.50000 308.139294 -166.075675 -1.104626
11.545765 2.677770 -2303.790
0.75000 308.139294 -148.544425 -0.101676
11.545765 2.747476 -2284.127
1.00000 308.139294 -131.013175 1.083274
11.545765 2.680439 -2266.654

COMB UEB03 ----- MIN

REL DIST T P M2 M3 V3
0.00000 308.139294 -201.138175 -3.292526
11.545765 2.128126 -2349.692
0.25000 308.139294 -183.606925 -2.198576
11.545765 2.471320 -2325.646
0.50000 308.139294 -166.075675 -1.104626
11.545765 2.677770 -2303.790
0.75000 308.139294 -148.544425 -0.101676
11.545765 2.747476 -2284.127
1.00000 308.139294 -131.013175 1.083274
11.545765 2.680439 -2266.654
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FRAME ELEMENT INTERNAL FORCES

COMB UEB04 ----- MAX

REL DIST T P M2 M3 V3
0.00000 450.651071 -188.187297 -1.646263
5.772883 1.064063 -3424.919
0.25000 450.651071 -170.656047 -1.099288
5.772883 1.235660 -3402.491
0.50000 450.651071 -153.124797 -0.552313
5.772883 1.338885 -3382.255
0.75000 450.651071 -135.593547 -0.005338
5.772883 1.373738 -3364.210
1.00000 450.651071 -118.062297 0.541637
5.772883 1.340219 -3348.357

COMB UEB04 ----- MIN

REL DIST T P M2 M3 V3
0.00000 450.651071 -188.187297 -1.646263
5.772883 1.064063 -3424.919
0.25000 450.651071 -170.656047 -1.099288
5.772883 1.235660 -3402.491
0.50000 450.651071 -153.124797 -0.552313
5.772883 1.338885 -3382.255
0.75000 450.651071 -135.593547 -0.005338
5.772883 1.373738 -3364.210
1.00000 450.651071 -118.062297 0.541637
5.772883 1.340219 -3348.357

COMB UEB05 ----- MAX

REL DIST T P M2 M3 V3
0.00000 308.139294 -201.138175 -1.646263
5.772883 1.064063 -2349.692
0.25000 308.139294 -183.606925 -1.099288
5.772883 1.235660 -3402.491
0.50000 308.139294 -166.075675 -0.552313
5.772883 1.338885 -2303.790
0.75000 308.139294 -148.544425 -0.005338
5.772883 1.373738 -2284.127
1.00000 308.139294 -131.013175 0.541637
5.772883 1.340219 -2266.654

COMB UEB05 ----- MIN

REL DIST T P M2 M3 V3
0.00000 308.139294 -201.138175 -1.646263
5.772883 1.064063 -2349.692
0.25000 308.139294 -183.606925 -1.099288
5.772883 1.235660 -3402.491
0.50000 308.139294 -166.075675 -0.552313
5.772883 1.338885 -2303.790
0.75000 308.139294 -148.544425 -0.005338
5.772883 1.373738 -2284.127
1.00000 308.139294 -131.013175 0.541637
5.772883 1.340219 -2266.654

COMB UEB06 ----- MAX

REL DIST T P M2 M3 V3
0.00000 450.651071 -188.187297 13.690437
104.594274 -265.875710 -3424.919
0.25000 450.651071 -170.656047 13.690437
104.594274 -267.587015 -3402.491
0.50000 450.651071 -153.124797 13.690437
104.594274 -269.298319 -3382.255
0.75000 450.651071 -135.593547 13.690437
104.594274 -271.009624 -3364.210
1.00000 450.651071 -118.062297 13.690437
104.594274 -272.720929 -3348.357

COMB UEB06 ----- MIN

REL DIST T P M2 M3 V3
0.00000 450.651071 -188.187297 13.690437
104.594274 -265.875710 -3424.919
0.25000 450.651071 -170.656047 13.690437
104.594274 -267.587015 -3402.491
0.50000 450.651071 -153.124797 13.690437
104.594274 -269.298319 -3382.255
0.75000 450.651071 -135.593547 13.690437
104.594274 -271.009624 -3364.210
1.00000 450.651071 -118.062297 13.690437
104.594274 -272.720929 -3348.357

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FRAME ELEMENT INTERNAL FORCES

COMB UEB07 ----- MAX

REL DIST T P M2 M3 V3
0.00000 450.651071 -188.187297 2.21E-14
3.85E-15 4.28E-13 -3424.919
0.25000 450.651071 -170.656047 1.99E-14
3.85E-15 4.25E-13 -3402.491
0.50000 450.651071 -153.124797 1.78E-14
3.85E-15 4.23E-13 -3382.255
0.75000 450.651071 -135.593547 1.57E-14
3.85E-15 4.21E-13 -3364.210
1.00000 450.651071 -118.062297 1.36E-14
3.85E-15 4.19E-13 -3348.357

COMB UEB07 ----- MIN

REL DIST T P M2 M3 V3
0.00000 450.651071 -188.187297 2.21E-14
3.85E-15 4.28E-13 -3424.919
0.25000 450.651071 -170.656047 1.99E-14
3.85E-15 4.25E-13 -3402.491
0.50000 450.651071 -153.124797 1.78E-14
3.85E-15 4.23E-13 -3382.255
0.75000 450.651071 -135.593547 1.57E-14
3.85E-15 4.21E-13 -3364.210
1.00000 450.651071 -118.062297 1.36E-14
3.85E-15 4.19E-13 -3348.357

COMB UEB08 ----- MAX

REL DIST T P M2 M3 V3
0.00000 308.139294 -201.138175 13.690437
104.594274 -265.875710 -3424.919
0.25000 308.139294 -183.606925 13.690437
104.594274 -267.587015 -3402.491
0.50000 308.139294 -166.075675 13.690437
104.594274 -269.298319 -3382.255
0.75000 308.139294 -148.544425 13.690437
104.594274 -271.009624 -3364.210
1.00000 308.139294 -131.013175 13.690437
104.594274 -272.720929 -3348.357

COMB UEB08 ----- MIN

REL DIST T P M2 M3 V3
0.00000 308.139294 -201.138175 13.690437
104.594274 -265.875710 -3424.919
0.25000 308.139294 -183.606925 13.690437
104.594274 -267.587015 -3402.491
0.50000 308.139294 -166.075675 13.690437
104.594274 -269.298319 -3382.255
0.75000 308.139294 -148.544425 13.690437
104.594274 -271.009624 -3364.210
1.00000 308.139294 -131.013175 13.690437
104.594274 -272.720929 -3348.357

COMB UEB09 ----- MAX

REL DIST T P M2 M3 V3
0.00000 308.139294 -201.138175 2.39E-14
2.59E-15 2.93E-13 -2349.692
0.25000 308.139294 -183.606925 2.17E-14
2.59E-15 2.91E-13 -2325.646
0.50000 308.139294 -166.075675 1.96E-14
2.59E-15 2.88E-13 -2303.790
0.75000 308.139294 -148.544425 1.75E-14
2.59E-15 2.86E-13 -2284.127
1.00000 308.139294 -131.013175 1.54E-14
2.59E-15 2.84E-13 -2266.654

COMB UEB09 ----- MIN

REL DIST T P M2 M3 V3
0.00000 308.139294 -201.138175 2.39E-14
2.59E-15 2.93E-13 -2349.692
0.25000 308.139294 -183.606925 2.17E-14
2.59E-15 2.91E-13 -2325.646
0.50000 308.139294 -166.075675 1.96E-14
2.59E-15 2.88E-13 -2303.790
0.75000 308.139294 -148.544425 1.75E-14
2.59E-15 2.86E-13 -2284.127
1.00000 308.139294 -131.013175 1.54E-14
2.59E-15 2.84E-13 -2266.654

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FRAME ELEMENT INTERNAL FORCES

COMB UEB10 ----- MAX

REL DIST T P M2 M3 V3
0.00000 292.732329 -191.081267 9.997991
111.673115 -253.603446 -2232.208
0.25000 292.732329 -174.426579 11.049866
106.122266 -257.653302 -3225.586
0.50000 292.732329 -157.771892 12.101741
111.673115 -256.365913 -2188.601
0.75000 292.732329 -141.117204 13.153616
111.673115 -257.944373 -2169.920
1.00000 292.732329 -124.462517 14.205491
111.673115 -259.654317 -2153.322

COMB UEB10 ----- MIN

REL DIST T P M2 M3 V3
0.00000 292.732329 -191.081267 9.997991
111.673115 -253.603446 -2232.208
0.25000 292.732329 -174.426579 11.049866
106.122266 -257.653302 -3225.586
0.50000 292.732329 -157.771892 12.101741
111.673115 -256.365913 -2188.601
0.75000 292.732329 -141.117204 13.153616
111.673115 -257.944373 -2169.920
1.00000 292.732329 -124.462517 14.205491
111.673115 -259.654317 -2153.322

COMB UEB11 ----- MAX

REL DIST T P M2 M3 V3
0.00000 292.732329 -191.081267 -3.165890
11.016197 2.046275 -2232.208
0.25000 292.732329 -174.426579 -2.114015
10.101697 2.376269 -2209.363
11.016197 2.574779 -2188.601
0.50000 292.732329 -157.771892 -1.062140
11.016197 2.574779 -2188.601
0.75000 292.732329 -141.117204 -0.010265
11.016197 2.641804 -2169.920
1.00000 292.732329 -124.462517 0.146110
11.016197 2.577345 -2153.322

COMB UEB11 ----- MIN

REL DIST T P M2 M3 V3
0.00000 292.732329 -191.081267 -3.165890
11.016197 2.046275 -2232.208
0.25000 292.732329 -174.426579 -2.114015
11.016197 2.376269 -2209.363
11.016197 2.574779 -2188.601
0.50000 292.732329 -157.771892 -1.062140
11.016197 2.574779 -2188.601
0.75000 292.732329 -141.117204 -0.010265
11.016197 2.641804 -2169.920
1.00000 292.732329 -124.462517 0.146110
11.016197 2.577345 -2153.322

COMB UEB12 ----- MAX

REL DIST T P M2 M3 V3
0.00000 429.762884 -178.628499 11.580937
106.122266 -254.626584 -3266.080
0.25000 429.762884 -161.973812 12.106874
106.122266 -256.107072 -3244.792
0.50000 429.762884 -145.319124 12.632812
106.122266 -257.653302 -3225.586
0.75000 429.762884 -128.664437 13.158749
106.122266 -259.265275 -3208.462
1.00000 429.762884 -112.009749 13.684687
106.122266 -260.942990 -3193.420

COMB UEB12 ----- MIN

REL DIST T P M2 M3 V3
0.00000 429.762884 -178.628499 11.580937
106.122266 -254.626584 -3266.080
0.25000 429.762884 -161.973812 12.106874
106.122266 -256.107072 -3244.792
0.50000 429.762884 -145.319124 12.632812
106.122266 -257.653302 -3225.586
0.75000 429.762884 -128.664437 13.158749
106.122266 -259.265275 -3208.462
1.00000 429.762884 -112.009749 13.684687
106.122266 -260.942990 -3193.420
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0.00000 450.651071 -188.187297 2.21E-14
3.85E-15 4.28E-13 -3424.919
0.25000 450.651071 -170.656047 1.99E-14
3.85E-15 4.28E-13 -3424.919
0.50000 450.651071 -153.124797 1.78E-14
3.85E-15 4.23E-13 -3382.255
0.75000 450.651071 -135.593547 1.57E-14
3.85E-15 4.21E-13 -3364.210
1.00000 450.651071 -118.062397 1.36E-14
3.85E-15 4.19E-13 -3348.357

COMB UEB18 ----- MAX

REL DIST T P M2 V2 V3

0.00000 277.325364 -181.024358 -3.039255
10.657629 1.964424 -2114.723
0.25000 277.325364 -165.246233 -2.029455
10.657629 2.281218 -2093.081
0.50000 277.325364 -149.468108 -1.019655
10.657629 2.471788 -2073.411
0.75000 277.325364 -133.689983 -0.009855
10.657629 2.536132 -2055.714
1.00000 277.325364 -117.911858 0.999945
10.657629 2.742521 -2039.989

COMB UEB18 ----- MIN

REL DIST T P M2 V2 V3

0.00000 277.325364 -181.024358 -3.039255
10.657629 1.964424 -2114.723
0.25000 277.325364 -165.246233 -2.029455
10.657629 2.281218 -2093.081
0.50000 277.325364 -149.468108 -1.019655
10.657629 2.471788 -2073.411
0.75000 277.325364 -133.689983 -0.009855
10.657629 2.536132 -2055.714
1.00000 277.325364 -117.911858 0.999945
10.657629 2.742521 -2039.989

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COMB SVO01 ----- MAX

REL DIST T P M2 V2 V3

0.00000 417.795292 -189.896838 2.23E-14
3.56E-15 3.97E-13 -3175.652
0.25000 417.795292 -172.365588 2.02E-14
3.56E-15 3.94E-13 -3153.011
0.50000 417.795292 -154.834338 1.81E-14
3.56E-15 3.92E-13 -3132.561
0.75000 417.795292 -137.303088 1.60E-14
3.56E-15 3.90E-13 -3114.302
1.00000 417.795292 -119.771838 1.38E-14
3.56E-15 3.88E-13 -3098.235

COMB SVO01 ----- MIN

REL DIST T P M2 V2 V3

0.00000 417.795292 -189.896838 2.23E-14
3.56E-15 3.97E-13 -3175.652
0.25000 417.795292 -172.365588 2.02E-14
3.56E-15 3.94E-13 -3153.011
0.50000 417.795292 -154.834338 1.81E-14
3.56E-15 3.92E-13 -3132.561
0.75000 417.795292 -137.303088 1.60E-14
3.56E-15 3.90E-13 -3114.302
1.00000 417.795292 -119.771838 1.38E-14
3.56E-15 3.88E-13 -3098.235

COMB SVO02 ----- MAX

REL DIST T P M2 V2 V3

0.00000 308.170848 -199.859052 2.37E-14
2.60E-15 2.93E-13 -2348.554
0.25000 308.170848 -182.327802 2.16E-14
2.60E-15 2.90E-13 -2324.668
0.50000 308.170848 -164.796552 1.95E-14
2.60E-15 2.88E-13 -2302.972
0.75000 308.170848 -147.265302 1.73E-14
2.60E-15 2.86E-13 -2283.469
1.00000 308.170848 -129.734052 1.52E-14
2.60E-15 2.84E-13 -2266.156

COMB SVO02 ----- MIN

REL DIST T P M2 V2 V3

0.00000 308.170848 -199.859052 2.37E-14
2.60E-15 2.93E-13 -2348.554
0.25000 308.170848 -182.327802 2.16E-14
2.60E-15 2.90E-13 -2324.668
0.50000 308.170848 -164.796552 1.95E-14
2.60E-15 2.88E-13 -2302.972
0.75000 308.170848 -147.265302 1.73E-14
2.60E-15 2.86E-13 -2283.469
1.00000 308.170848 -129.734052 1.52E-14
2.60E-15 2.84E-13 -2266.156

COMB SVO03 ----- MAX

REL DIST T P M2 V2 V3

0.00000 322.676945 887.067013 -1.08E-13
4.55E-15 1.80E-13 -1386.691
0.25000 322.676945 904.598263 -1.10E-13
4.55E-15 1.94E-13 -1498.670
0.50000 322.676945 922.129513 -1.13E-13
4.55E-15 2.08E-13 -1612.841
0.75000 322.676945 939.660763 -1.15E-13
4.55E-15 2.22E-13 -1729.203
1.00000 322.676945 957.192013 -1.17E-13
4.55E-15 2.36E-13 -1847.756

COMB SVO03 ----- MIN

REL DIST T P M2 V2 V3

0.00000 322.676945 887.067013 -1.08E-13
4.55E-15 1.80E-13 -1386.691
0.25000 322.676945 904.598263 -1.10E-13
4.55E-15 1.94E-13 -1498.670
0.50000 322.676945 922.129513 -1.13E-13
4.55E-15 2.08E-13 -1612.841
0.75000 322.676945 939.660763 -1.15E-13
4.55E-15 2.22E-13 -1729.203
1.00000 322.676945 957.192013 -1.17E-13
4.55E-15 2.36E-13 -1847.756

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

COMB SVO04 ----- MAX

REL DIST T P M2 V2 V3
0.00000 428.649052 499.528134 -6.14E-14
4.80E-15 3.25E-13 -2564.888
0.25000 428.649052 517.059384 -6.35E-14
4.80E-15 3.33E-13 -2628.425
0.50000 428.649052 534.590634 -6.57E-14
4.80E-15 3.41E-13 -2694.153
0.75000 428.649052 552.121884 -6.78E-14
4.80E-15 3.49E-13 -2762.072
1.00000 428.649052 569.653134 -6.99E-14
4.80E-15 3.58E-13 -2832.183

COMB SVO04 ----- MIN

REL DIST T P M2 V2 V3

0.00000 428.649052 499.528134 -6.14E-14
4.80E-15 3.25E-13 -2564.888
0.25000 428.649052 517.059384 -6.35E-14
4.80E-15 3.33E-13 -2628.425
0.50000 428.649052 534.590634 -6.57E-14
4.80E-15 3.41E-13 -2694.153
0.75000 428.649052 552.121884 -6.78E-14
4.80E-15 3.49E-13 -2762.072
1.00000 428.649052 569.653134 -6.99E-14
4.80E-15 3.58E-13 -2832.183

COMB SVO05 ----- MAX

REL DIST T P M2 V2 V3

0.00000 319.024608 489.565921 -6.00E-14
3.84E-15 2.21E-13 -1737.790
0.25000 319.024608 507.097171 -6.21E-14
3.84E-15 2.29E-13 -1800.082
0.50000 319.024608 524.628421 -6.43E-14
3.84E-15 2.37E-13 -1864.565
0.75000 319.024608 542.159671 -6.64E-14
3.84E-15 2.45E-13 -1931.239
1.00000 319.024608 559.690921 -6.85E-14
3.84E-15 2.54E-13 -2000.104

COMB SVO05 ----- MIN

REL DIST T P M2 V2 V3

0.00000 319.024608 489.565921 -6.00E-14
3.84E-15 2.21E-13 -1737.790
0.25000 319.024608 507.097171 -6.21E-14
3.84E-15 2.29E-13 -1800.082
0.50000 319.024608 524.628421 -6.43E-14
3.84E-15 2.37E-13 -1864.565
0.75000 319.024608 542.159671 -6.64E-14
3.84E-15 2.45E-13 -1931.239
1.00000 319.024608 559.690921 -6.85E-14
3.84E-15 2.54E-13 -2000.104

COMB SVO06 ----- MAX

REL DIST T P M2 V2 V3

0.00000 350.406449 -192.461576 2.26E-14
3.97E-15 4.43E-13 -3542.114
0.25000 350.406449 -174.930326 2.04E-14
3.97E-15 4.40E-13 -3519.152
0.50000 350.406449 -157.399076 1.83E-14
3.97E-15 4.38E-13 -3498.382
0.75000 350.406449 -139.867826 1.62E-14
3.97E-15 4.35E-13 -3479.802
1.00000 350.406449 -122.336576 1.41E-14
3.97E-15 4.34E-13 -3463.415

COMB SVO06 ----- MIN

REL DIST T P M2 V2 V3

0.00000 350.406449 -192.461576 2.26E-14
3.97E-15 4.43E-13 -3542.114
0.25000 350.406449 -174.930326 2.04E-14
3.97E-15 4.40E-13 -3519.152
0.50000 350.406449 -157.399076 1.83E-14
3.97E-15 4.38E-13 -3498.382
0.75000 350.406449 -139.867826 1.62E-14
3.97E-15 4.35E-13 -3479.802
1.00000 350.406449 -122.336576 1.41E-14
3.97E-15 4.34E-13 -3463.415

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COMB SVO07 ----- MAX

REL DIST T P M2 V2 V3

0.00000 417.795292 -189.896838 2.23E-14
3.56E-15 3.97E-13 -3175.652
0.25000 417.795292 -172.365588 2.02E-14
3.56E-15 3.94E-13 -3153.011
0.50000 417.795292 -154.834338 1.81E-14
3.56E-15 3.92E-13 -3132.561
0.75000 417.795292 -137.303088 1.60E-14
3.56E-15 3.90E-13 -3114.302
1.00000 417.795292 -119.771838 1.38E-14
3.56E-15 3.88E-13 -3098.235

COMB SVO07 ----- MIN

REL DIST T P M2 V2 V3

0.00000 417.795292 -189.896838 2.23E-14
3.56E-15 3.97E-13 -3175.652
0.25000 417.795292 -172.365588 2.02E-14
3.56E-15 3.94E-13 -3153.011
0.50000 417.795292 -154.834338 1.81E-14
3.56E-15 3.92E-13 -3132.561
0.75000 417.795292 -137.303088 1.60E-14
3.56E-15 3.90E-13 -3114.302
1.00000 417.795292 -119.771838 1.38E-14
3.56E-15 3.88E-13 -3098.235

COMB SVO08 ----- MAX

REL DIST T P M2 V2 V3

0.00000 240.782005 -202.423790 2.39E-14
3.01E-15 3.39E-13 -2715.016
0.25000 240.782005 -184.892540 2.18E-14
3.01E-15 3.36E-13 -2690.809
0.50000 240.782005 -167.361290 1.97E-14
3.01E-15 3.34E-13 -2668.793
0.75000 240.782005 -149.830040 1.76E-14
3.01E-15 3.31E-13 -2648.969
1.00000 240.782005 -132.298790 1.55E-14
3.01E-15 3.29E-13 -2631.336

COMB SVO08 ----- MIN

REL DIST T P M2 V2 V3

0.00000 240.782005 -202.423790 2.39E-14
3.01E-15 3.39E-13 -2715.016
0.25000 240.782005 -184.892540 2.18E-14
3.01E-15 3.36E-13 -2690.809
0.50000 240.782005 -167.361290 1.97E-14

3.01E-15 3.34E-13 -2668.793
0.75000 240.782005 -149.830040 1.76E-14
3.01E-15 3.31E-13 -2648.969
1.00000 240.782005 -132.298790 1.55E-14
3.01E-15 3.29E-13 -2631.336

COMB SVO09 ----- MAX

REL DIST T P M2 V2 V3

0.00000 308.170848 -199.859052 2.37E-14
2.60E-15 2.93E-13 -2348.554
0.25000 308.170848 -182.327802 2.16E-14
2.60E-15 2.90E-13 -2324.668
0.50000 308.170848 -164.796552 1.95E-14
2.60E-15 2.88E-13 -2302.972
0.75000 308.170848 -147.265302 1.73E-14
2.60E-15 2.86E-13 -2283.469
1.00000 308.170848 -129.734052 1.52E-14
2.60E-15 2.84E-13 -2266.156

COMB SVO09 ----- MIN

REL DIST T P M2 V2 V3

0.00000 308.170848 -199.859052 2.37E-14
2.60E-15 2.93E-13 -2348.554
0.25000 308.170848 -182.327802 2.16E-14
2.60E-15 2.90E-13 -2324.668
0.50000 308.170848 -164.796552 1.95E-14
2.60E-15 2.88E-13 -2302.972
0.75000 308.170848 -147.265302 1.73E-14
2.60E-15 2.86E-13 -2283.469
1.00000 308.170848 -129.734052 1.52E-14
2.60E-15 2.84E-13 -2266.156

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

COMB SVO10 ----- MAX

REL DIST T P M2 V2 V3

0.00000 255.288102 884.502275 -1.08E-13
4.96E-15 2.26E-13 -1753.153
0.25000 255.288102 902.033525 -1.10E-13
4.96E-15 2.40E-13 -1864.812
0.50000 255.288102 919.564775 -1.12E-13
4.96E-15 2.53E-13 -1978.662
0.75000 255.288102 937.096025 -1.14E-13
4.96E-15 2.68E-13 -2094.703
1.00000 255.288102 954.627275 -1.17E-13
4.96E-15 2.82E-13 -2212.936

COMB SVO10 ----- MIN

REL DIST T P M2 V2 V3

0.00000 255.288102 884.502275 -1.08E-13
4.96E-15 2.26E-13 -1753.153
0.25000 255.288102 902.033525 -1.10E-13
4.96E-15 2.40E-13 -1864.812
0.50000 255.288102 919.564775 -1.12E-13
4.96E-15 2.53E-13 -1978.662
0.75000 255.288102 937.096025 -1.14E-13
4.96E-15 2.68E-13 -2094.703
1.00000 255.288102 954.627275 -1.17E-13
4.96E-15 2.82E-13 -2212.936

COMB SVO11 ----- MAX

REL DIST T P M2 V2 V3

0.00000 322.676945 887.067013 -1.08E-13
4.55E-15 1.80E-13 -1386.691
0.25000 322.676945 904.598263 -1.10E-13
4.55E-15 1.94E-13 -1498.670
0.50000 322.676945 922.129513 -1.13E-13
4.55E-15 2.08E-13 -1612.841
0.75000 322.676945 939.660763 -1.15E-13
4.55E-15 2.22E-13 -1729.203
1.00000 322.676945 957.192013 -1.17E-13
4.55E-15 2.36E-13 -1847.756

COMB SVO11 ----- MIN

REL DIST T P M2 V2 V3

0.00000 322.676945 887.067013 -1.08E-13
4.55E-15 1.80E-13 -1386.691
0.25000 322.676945 904.598263 -1.10E-13
4.55E-15 1.94E-13 -1498.670
0.50000 322.676945 922.129513 -1.13E-13
4.55E-15 2.08E-13 -1612.841
0.75000 322.676945 939.660763 -1.15E-13
4.55E-15 2.22E-13 -1729.203
1.00000 322.676945 957.192013 -1.17E-13
4.55E-15 2.36E-13 -1847.756

COMB SVO12 ----- MAX

REL DIST T P M2 V2 V3

0.00000 361.260209 496.963396 -6.12E-14
5.21E-15 3.71E-13 -2931.350
0.25000 361.260209 514.494646 -6.33E-14
5.21E-15 3.79E-13 -2994.566
0.50000 361.260209 532.025896 -6.54E-14
5.21E-15 3.87E-13 -3059.974
0.75000 361.260209 549.557146 -6.75E-14
5.21E-15 3.95E-13 -3127.579
1.0000

COMB ULO03 ----- MAX				
REL DIST	P	V2		
T	M2	M3		
0.00000	419.480028	1153.187	-1.41E-13	
5.92E-15	2.34E-13	-1802.699		
0.25000	419.480028	1175.978	-1.44E-13	
5.92E-15	2.52E-13	-1948.272		
0.50000	419.480028	1190.768	-1.46E-13	
5.92E-15	2.70E-13	-2096.693		
0.75000	419.480028	1221.559	-1.49E-13	
5.92E-15	2.88E-13	-2247.964		
1.00000	419.480028	1244.350	-1.52E-13	
5.92E-15	3.07E-13	-2402.083		

COMB ULO03 ----- MIN				
REL DIST	P	V2		
T	M2	M3		
0.00000	419.480028	1153.187	-1.41E-13	
5.92E-15	2.34E-13	-1802.699		
0.25000	419.480028	1175.978	-1.44E-13	
5.92E-15	2.52E-13	-1948.272		
0.50000	419.480028	1198.768	-1.46E-13	
5.92E-15	2.70E-13	-2096.693		
0.75000	419.480028	1221.559	-1.49E-13	
5.92E-15	2.88E-13	-2247.964		
1.00000	419.480028	1244.350	-1.52E-13	
5.92E-15	3.07E-13	-2402.083		
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FRAME ELEMENT INTERNAL FORCES

COMB ULO04 ----- MAX				
REL DIST	P	V2		
T	M2	M3		
0.00000	557.243768	649.386575	-7.98E-14	
6.25E-15	4.22E-13	-3334.354		
0.25000	557.243768	672.177200	-8.26E-14	
6.25E-15	4.38E-13	-3416.952		
0.50000	557.243768	694.967825	-8.53E-14	
6.25E-15	4.43E-13	-3502.399		
0.75000	557.243768	717.758450	-8.81E-14	
6.25E-15	4.54E-13	-3590.694		
1.00000	557.243768	740.549075	-9.09E-14	
6.25E-15	4.65E-13	-3681.838		

COMB ULO04 ----- MIN

REL DIST	P	V2		
T	M2	M3		
0.00000	557.243768	649.386575	-7.98E-14	
6.25E-15	4.22E-13	-3334.354		
0.25000	557.243768	672.177200	-8.26E-14	
6.25E-15	4.38E-13	-3416.952		
0.50000	557.243768	694.967825	-8.53E-14	
6.25E-15	4.43E-13	-3502.399		
0.75000	557.243768	717.758450	-8.81E-14	
6.25E-15	4.54E-13	-3590.694		
1.00000	557.243768	740.549075	-9.09E-14	
6.25E-15	4.65E-13	-3681.838		

COMB ULO05 ----- MAX

REL DIST	P	V2		
T	M2	M3		
0.00000	414.731991	636.435697	-7.80E-14	
4.99E-15	2.88E-13	-2259.127		
0.25000	414.731991	659.226322	-8.08E-14	
4.99E-15	2.98E-13	-2340.106		
0.50000	414.731991	682.016947	-8.35E-14	
4.99E-15	3.08E-13	-2423.934		
0.75000	414.731991	704.807572	-8.63E-14	
4.99E-15	3.19E-13	-2510.610		
1.00000	414.731991	727.598197	-8.91E-14	
4.99E-15	3.30E-13	-2600.136		

COMB ULO05 ----- MIN

REL DIST	P	V2		
T	M2	M3		
0.00000	414.731991	636.435697	-7.80E-14	
4.99E-15	2.88E-13	-2259.127		
0.25000	414.731991	659.226322	-8.08E-14	
4.99E-15	2.98E-13	-2340.106		
0.50000	414.731991	682.016947	-8.35E-14	
4.99E-15	3.08E-13	-2423.934		
0.75000	414.731991	704.807572	-8.63E-14	
4.99E-15	3.19E-13	-2510.610		
1.00000	414.731991	727.598197	-8.91E-14	
4.99E-15	3.30E-13	-2600.136		

COMB ULO06 ----- MAX

REL DIST	P	V2		
T	M2	M3		
0.00000	455.528384	-250.200049	2.93E-14	
5.17E-15	5.75E-13	-4604.748		
0.25000	455.528384	-227.409424	2.66E-14	
5.17E-15	5.72E-13	-4574.898		
0.50000	455.528384	-204.618799	2.38E-14	
5.17E-15	5.69E-13	-4547.896		
0.75000	455.528384	-181.828174	2.10E-14	
5.17E-15	5.66E-13	-4523.743		
1.00000	455.528384	-159.037549	1.83E-14	
5.17E-15	5.64E-13	-4502.399		

COMB ULO06 ----- MIN

REL DIST	P	V2		
T	M2	M3		
0.00000	455.528384	-250.200049	2.93E-14	
5.17E-15	5.75E-13	-4604.748		
0.25000	455.528384	-227.409424	2.66E-14	
5.17E-15	5.72E-13	-4574.898		
0.50000	455.528384	-204.618799	2.38E-14	
5.17E-15	5.69E-13	-4547.896		
0.75000	455.528384	-181.828174	2.10E-14	
5.17E-15	5.66E-13	-4523.743		
1.00000	455.528384	-159.037549	1.83E-14	
5.17E-15	5.64E-13	-4502.399		
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FRAME ELEMENT INTERNAL FORCES

COMB ULO07 ----- MAX				
REL DIST	P	V2		
T	M2	M3		
0.00000	543.133880	-246.865889	2.90E-14	
4.63E-15	5.16E-13	-4128.348		
0.25000	543.133880	-224.075264	2.63E-14	
4.63E-15	5.12E-13	-4098.914		
0.50000	543.133880	-201.284639	2.35E-14	
4.63E-15	5.09E-13	-4072.329		
0.75000	543.133880	-178.494014	2.07E-14	
4.63E-15	5.07E-13	-4048.593		

1.00000	543.133880	-155.703389	1.80E-14	
4.63E-15	5.04E-13	-4027.705		

COMB ULO07 ----- MIN

REL DIST	P	V2		
T	M2	M3		
0.00000	543.133880	-246.865889	2.90E-14	
4.63E-15	5.16E-13	-4128.348		
0.25000	543.133880	-224.075264	2.63E-14	
4.63E-15	5.12E-13	-4098.914		
0.50000	543.133880	-201.284639	2.35E-14	
4.63E-15	5.09E-13	-4072.329		
0.75000	543.133880	-178.494014	2.07E-14	
4.63E-15	5.07E-13	-4048.593		
1.00000	543.133880	-155.703389	1.80E-14	
4.63E-15	5.04E-13	-4027.705		

COMB ULO08 ----- MAX

REL DIST	P	V2		
T	M2	M3		
0.00000	313.016606	-263.150927	3.11E-14	
3.91E-15	4.41E-13	-3529.521		
0.25000	313.016606	-240.360302	2.84E-14	
3.91E-15	4.37E-13	-3498.052		
0.50000	313.016606	-217.569677	2.56E-14	
3.91E-15	4.34E-13	-3469.431		
0.75000	313.016606	-194.779052	2.28E-14	
3.91E-15	4.31E-13	-3443.659		
1.00000	313.016606	-171.988427	2.01E-14	
3.91E-15	4.28E-13	-3420.736		

COMB ULO08 ----- MIN

REL DIST	P	V2		
T	M2	M3		
0.00000	313.016606	-263.150927	3.11E-14	
3.91E-15	4.41E-13	-3529.521		
0.25000	313.016606	-240.360302	2.84E-14	
3.91E-15	4.37E-13	-3498.052		
0.50000	313.016606	-217.569677	2.56E-14	
3.91E-15	4.34E-13	-3469.431		
0.75000	313.016606	-194.779052	2.28E-14	
3.91E-15	4.31E-13	-3443.659		
1.00000	313.016606	-171.988427	2.01E-14	
3.91E-15	4.28E-13	-3420.736		

COMB ULO09 ----- MAX

REL DIST	P	V2		
T	M2	M3		
0.00000	400.622103	-258.816767	3.08E-14	
3.38E-15	3.81E-13	-3053.612		
0.25000	400.622103	-237.026142	2.81E-14	
3.38E-15	3.78E-13	-3022.068		
0.50000	400.622103	-214.235517	2.53E-14	
3.38E-15	3.74E-13	-2993.864		
0.75000	400.622103	-191.444892	2.25E-14	
3.38E-15	3.71E-13	-2968.509		
1.00000	400.622103	-168.654267	1.98E-14	
3.38E-15	3.69E-13	-2946.003		

COMB ULO09 ----- MIN

REL DIST	P	V2		
T	M2	M3		
0.00000	400.622103	-258.816767	3.08E-14	
3.38E-15	3.81E-13	-3053.612		
0.25000	400.622103	-237.026142	2.81E-14	
3.38E-15	3.78E-13	-3022.068		
0.50000	400.622103	-214.235517	2.53E-14	
3.38E-15	3.74E-13	-2993.864		
0.75000	400.622103	-191.444892	2.25E-14	
3.38E-15	3.71E-13	-2968.509		
1.00000	400.622103	-168.654267	1.98E-14	
3.38E-15	3.69E-13	-2946.003		
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FRAME ELEMENT INTERNAL FORCES

COMB ULO10 ----- MAX				
REL DIST	P	V2		
T	M2	M3		
0.00000	319.110127	1105.628	-1.35E-13	
6.20E-15	2.82E-13	-2191.442		
0.25000	319.110127	1127.542	-1.38E-13	
6.20E-15	2.99E-13	-2231.015		
0.50000	319.110127	1149.456	-1.40E-13	
6.20E-15	3.17E-13	-2473.327		
0.75000	319.110127	1171.370	-1.43E-13	
6.20E-15	3.35E-13	-2618.379		
1.00000	319.110127	1193.284	-1.46E-13	
6.20E-15	3.53E-13	-2766.170		

COMB ULO10 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	319.110127	1105.628	-1.35E-13
2.0E-15	2.82E-13	-2191.442	
0.25000	319.110127	1127.542	-1.38E-13
2.0E-15	2.99E-13	-2331.015	
0.50000	319.110127	1149.456	-1.40E-13
2.0E-15	3.17E-13	-2473.327	
0.75000	319.110127	1171.370	-1.43E-13
2.0E-15	3.35E-13	-2618.379	
1.00000	319.110127	1193.284	-1.46E-13
2.0E-15	3.53E-13	-2766.170	

5.14E-15 1.84E-13 -1405.556
0.75000 327.038240 1266.122
5.14E-15 2.03E-13 -1562.726
1.00000 327.038240 1283.654
5.14E-15 2.22E-13 -1722.087
COMB UEO03 ----- MIN
REL DIST T P M2 V2 V3
0.00000 327.038240 1213.529 -1.48E-13
5.14E-15 1.46E-13 -1097.791
0.25000 327.038240 1231.060 -1.50E-13
5.14E-15 1.65E-13 -1250.578
0.50000 327.038240 1248.591 -1.52E-13
5.14E-15 1.84E-13 -1405.556
0.75000 327.038240 1266.122 -1.54E-13
5.14E-15 2.03E-13 -1562.726 -1.56E-13
1.00000 327.038240 1283.654
5.14E-15 2.22E-13 -1722.087
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FRAME ELEMENT INTERNAL FORCES

COMB UEO04 ----- MAX

REL DIST T P M2 V2 V3
0.00000 464.801980 709.728027 -8.70E-14
5.47E-15 3.34E-13 -2629.447
0.25000 464.801980 727.259277 -8.91E-14
5.47E-15 3.45E-13 -2719.258
0.50000 464.801980 744.790527 -9.12E-14
5.47E-15 3.57E-13 -2811.262
0.75000 464.801980 762.321777 -9.34E-14
5.47E-15 3.68E-13 -2905.456
1.00000 464.801980 779.853027 -9.55E-14
5.47E-15 3.80E-13 -3001.842
COMB UEO04 ----- MIN
REL DIST T P M2 V2 V3
0.00000 464.801980 709.728027 -8.70E-14
5.47E-15 3.34E-13 -2629.447
0.25000 464.801980 727.259277 -8.91E-14
5.47E-15 3.45E-13 -2719.258
0.50000 464.801980 744.790527 -9.12E-14
5.47E-15 3.57E-13 -2811.262
0.75000 464.801980 762.321777 -9.34E-14
5.47E-15 3.68E-13 -2905.456
1.00000 464.801980 779.853027 -9.55E-14
5.47E-15 3.80E-13 -3001.842
COMB UEO05 ----- MAX
REL DIST T P M2 V2 V3
0.00000 322.290203 696.777149 -8.52E-14
4.21E-15 2.00E-13 -1554.220
0.25000 322.290203 714.306399 -8.73E-14
4.21E-15 2.11E-13 -1642.413
0.50000 322.290203 731.839649 -8.94E-14
4.21E-15 2.22E-13 -1732.797
0.75000 322.290203 749.370899 -9.16E-14
4.21E-15 2.33E-13 -1825.372
1.00000 322.290203 766.902149 -9.37E-14
4.21E-15 2.45E-13 -1920.139
COMB UEO05 ----- MIN
REL DIST T P M2 V2 V3
0.00000 322.290203 696.777149 -8.52E-14
4.21E-15 2.00E-13 -1554.220
0.25000 322.290203 714.306399 -8.73E-14
4.21E-15 2.11E-13 -1642.413
0.50000 322.290203 731.839649 -8.94E-14
4.21E-15 2.22E-13 -1732.797
0.75000 322.290203 749.370899 -9.16E-14
4.21E-15 2.33E-13 -1825.372
1.00000 322.290203 766.902149 -9.37E-14
4.21E-15 2.45E-13 -1920.139
COMB UEO06 ----- MAX
REL DIST T P M2 V2 V3
0.00000 363.086595 -189.858597 2.22E-14
4.39E-15 4.87E-13 -3899.841
0.25000 363.086595 -172.327347 2.00E-14
4.39E-15 4.85E-13 -3877.204
0.50000 363.086595 -154.796097 1.79E-14
4.39E-15 4.82E-13 -3856.759
0.75000 363.086595 -137.264847 1.58E-14
4.39E-15 4.80E-13 -3838.505
1.00000 363.086595 -119.733597 1.37E-14
4.39E-15 4.78E-13 -3822.443
COMB UEO06 ----- MIN
REL DIST T P M2 V2 V3
0.00000 363.086595 -189.858597 2.22E-14
4.39E-15 4.87E-13 -3899.841
0.25000 363.086595 -172.327347 2.00E-14
4.39E-15 4.85E-13 -3877.204
0.50000 363.086595 -154.796097 1.79E-14
4.39E-15 4.82E-13 -3856.759
0.75000 363.086595 -137.264847 1.58E-14
4.39E-15 4.80E-13 -3838.505
1.00000 363.086595 -119.733597 1.37E-14
4.39E-15 4.78E-13 -3822.443
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FRAME ELEMENT INTERNAL FORCES

COMB UEO07 ----- MAX

REL DIST T P M2 V2 V3
0.00000 450.692092 -186.524437 2.19E-14
3.86E-15 4.28E-13 -3423.440
0.25000 450.692092 -168.993187 1.97E-14
3.86E-15 4.25E-13 -3401.220
0.50000 450.692092 -151.461937 1.76E-14
3.86E-15 4.23E-13 -3381.192
0.75000 450.692092 -133.930687 1.55E-14
3.86E-15 4.21E-13 -3363.355
1.00000 450.692092 -116.399437 1.34E-14
3.86E-15 4.19E-13 -3347.709
COMB UEO07 ----- MIN
REL DIST T P M2 V2 V3
0.00000 450.692092 -186.524437 2.19E-14
3.86E-15 4.28E-13 -3423.440
0.25000 450.692092 -168.993187 1.97E-14

3.86E-15 4.25E-13 -3401.220
0.50000 450.692092 -151.461937 1.76E-14
3.86E-15 4.23E-13 -3381.192
0.75000 450.692092 -133.930687 1.55E-14
3.86E-15 4.21E-13 -3363.355
1.00000 450.692092 -116.399437 1.34E-14
3.86E-15 4.19E-13 -3347.709
COMB UEO08 ----- MAX
REL DIST T P M2 V2 V3
0.00000 220.574818 -202.809475 2.40E-14
3.13E-15 3.53E-13 -2824.614
0.25000 220.574818 -185.278225 2.18E-14
3.13E-15 3.50E-13 -2800.353
0.50000 220.574818 -167.746975 1.97E-14
3.13E-15 3.47E-13 -2778.294
0.75000 220.574818 -150.215725 1.76E-14
3.13E-15 3.45E-13 -2758.421
1.00000 220.574818 -132.684475 1.55E-14
3.13E-15 3.43E-13 -2740.740
COMB UEO08 ----- MIN
REL DIST T P M2 V2 V3
0.00000 220.574818 -202.809475 2.40E-14
3.13E-15 3.53E-13 -2824.614
0.25000 220.574818 -185.278225 2.18E-14
3.13E-15 3.50E-13 -2800.353
0.50000 220.574818 -167.746975 1.97E-14
3.13E-15 3.47E-13 -2778.294
0.75000 220.574818 -150.215725 1.76E-14
3.13E-15 3.45E-13 -2758.421
1.00000 220.574818 -132.684475 1.55E-14
3.13E-15 3.43E-13 -2740.740
COMB UEO09 ----- MAX
REL DIST T P M2 V2 V3
0.00000 308.180315 -199.475315 2.37E-14
2.60E-15 2.93E-13 -2348.213
0.25000 308.180315 -181.944065 2.15E-14
2.60E-15 2.90E-13 -2324.374
0.50000 308.180315 -164.412815 1.94E-14
2.60E-15 2.88E-13 -2302.727
0.75000 308.180315 -146.881565 1.73E-14
2.60E-15 2.86E-13 -2283.271
1.00000 308.180315 -129.350315 1.52E-14
2.60E-15 2.84E-13 -2266.007
COMB UEO09 ----- MIN
REL DIST T P M2 V2 V3
0.00000 308.180315 -199.475315 2.37E-14
2.60E-15 2.93E-13 -2348.213
0.25000 308.180315 -181.944065 2.15E-14
2.60E-15 2.90E-13 -2324.374
0.50000 308.180315 -164.412815 1.94E-14
2.60E-15 2.88E-13 -2302.727
0.75000 308.180315 -146.881565 1.73E-14
2.60E-15 2.86E-13 -2283.271
1.00000 308.180315 -129.350315 1.52E-14
2.60E-15 2.84E-13 -2266.007
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FRAME ELEMENT INTERNAL FORCES

COMB UEO10 ----- MAX

REL DIST T P M2 V2 V3
0.00000 226.668339 1165.969 -1.42E-13
5.42E-15 1.94E-13 -1486.534
0.25000 226.668339 1182.624 -1.44E-13
5.42E-15 2.12E-13 -1633.321
0.50000 226.668339 1199.279 -1.46E-13
5.42E-15 2.30E-13 -1782.190
0.75000 226.668339 1215.933 -1.48E-13
5.42E-15 2.49E-13 -1933.141
1.00000 226.668339 1232.588 -1.50E-13
5.42E-15 2.68E-13 -2086.173
COMB UEO10 ----- MIN
REL DIST T P M2 V2 V3
0.00000 226.668339 1165.969 -1.42E-13
5.42E-15 1.94E-13 -1486.534
0.25000 226.668339 1182.624 -1.44E-13
5.42E-15 2.12E-13 -1633.321
0.50000 226.668339 1199.279 -1.46E-13
5.42E-15 2.30E-13 -1782.190
0.75000 226.668339 1215.933 -1.48E-13
5.42E-15 2.49E-13 -1933.141
1.00000 226.668339 1232.588 -1.50E-13
5.42E-15 2.68E-13 -2086.173
COMB UEO11 ----- MAX
REL DIST T P M2 V2 V3
0.00000 310.904393 1169.175 -1.43E-13
4.91E-15 1.37E-13 -1028.457
0.25000 310.904393 1185.830 -1.45E-13
4.91E-15 1.55E-13 -1175.644
0.50000 310.904393 1202.485 -1.47E-13
4.91E-15 1.73E-13 -1324.914
0.75000 310.904393 1219.139 -1.49E-13
4.91E-15 1.92E-13 -1476.276
1.00000 310.904393 1235.794 -1.51E-13
4.91E-15 2.10E-13 -1629.699
COMB UEO11 ----- MIN
REL DIST T P M2 V2 V3
0.00000 310.904393 1169.175 -1.43E-13
4.91E-15 1.37E-13 -1028.457
0.25000 310.904393 1185.830 -1.45E-13
4.91E-15 1.55E-13 -1175.644
0.50000 310.904393 1202.485 -1.47E-13
4.91E-15 1.73E-13 -1324.914
0.75000 310.904393 1219.139 -1.49E-13
4.91E-15 1.92E-13 -1476.276
1.00000 310.904393 1235.794 -1.51E-13
4.91E-15 2.10E-13 -1629.699
COMB UEO12 ----- MAX
REL DIST T P M2 V2 V3
0.00000 359.133473 681.545697 -8.36E-14
5.74E-15 3.75E-13 -2959.280
0.25000 359.133473 698.200385 -8.56E-14
5.74E-15 3.86E-13 -3045.514
0.50000 359.133473 714.850772 -8.77E-14
5.74E-15 3.97E-13 -3133.830
0.75000 359.133473 731.509760 -8.97E-14
5.74E-15 4.08E-13 -3224.228
1.00000 359.133473 748.164447 -9.17E-14
5.74E-15 4.19E-13 -3316.707
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FRAME ELEMENT INTERNAL FORCES

COMB UEO16 ----- MAX

REL DIST T P M2 V2 V3
0.00000 308.170848 -199.859052 2.37E-14
2.60E-15 2.93E-13 -2348.554
0.25000 308.170848 -182.327802 2.16E-14
2.60E-15 2.90E-13 -2324.668
0.50000 308.170848 -164.796552 1.95E-14
2.60E-15 2.88E-13 -2302.972
0.75000 308.170848 -147.265302 1.73E-14
2.60E-15 2.86E-13 -2283.469
1.00000 308.170848 -129.734052 1.52E-14
2.60E-15 2.84E-13 -2266.156
COMB UEO16 ----- MIN
REL DIST T P M2 V2 V3
0.00000 308.170848 -199.859052 2.37E-14
2.60E-15 2.93E-13 -2348.554
0.25000 308.170848 -182.327802 2.16E-14
2.60E-15 2.90E-13 -2324.668
0.50000 308.170848 -164.796552 1.95E-14
2.60E-15 2.88E-13 -2302.972
0.75000 308.170848 -147.265302 1.73E-14
2.60E-15 2.86E-13 -2283.469

COMB UEO12 ----- MIN

REL DIST T P M2 V2 V3
0.00000 359.133473 681.545697 -8.36E-14
5.74E-15 3.75E-13 -2959.280
0.25000 359.133473 698.200385 -8.56E-14
5.74E-15 3.86E-13 -3045.514
0.50000 359.133473 714.850772 -8.77E-14
5.74E-15 3.97E-13 -3133.830
0.75000 359.133473 731.509760 -8.97E-14
5.74E-15 4.08E-13 -3224.228
1.00000 359.133473 748.164447 -9.17E-14
5.74E-15 4.19E-13 -3316.707
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FRAME ELEMENT INTERNAL FORCES

COMB UEO13 ----- MAX

REL DIST T P M2 V2 V3
0.00000 443.369527 684.751621 -8.39E-14
5.23E-15 3.18E-13 -2501.202
0.25000 443.369527 701.406308 -8.59E-14
5.23E-15 3.16E-13 -2587.837
0.50000 443.369527 718.060996 -8.80E-14
5.23E-15 3.40E-13 -2676.554
0.75000 443.369527 734.715683 -9.00E-14
5.23E-15 3.51E-13 -2767.352
1.00000 443.369527 751.370371 -9.20E-14
5.23E-15 3.62E-13 -2860.233
COMB UEO13 ----- MIN
REL DIST T P M2 V2 V3
0.00000 443.369527 684.751621 -8.39E-14
5.23E-15 3.18E-13 -2501.202
0.25000 443.369527 701.406308 -8.59E-14
5.23E-15 3.16E-13 -2587.837
0.50000 443.369527 718.060996 -8.80E-14
5.23E-15 3.40E-13 -2676.554
0.75000 443.369527 734.715683 -9.00E-14
5.23E-15 3.51E-13 -2767.352
1.00000 443.369527 751.370371 -9.20E-14
5.23E-15 3.62E-13 -2860.233
COMB UEO14 ----- MAX
REL DIST T P M2 V2 V3
0.00000 222.102918 669.092930 -8.19E-14
4.53E-15 2.46E-13 -1925.408
0.25000 222.102918 685.747618 -8.39E-14
4.53E-15 2.66E-13 -2100.085
0.50000 222.102918 702.402305 -8.59E-14
4.53E-15 2.67E-13 -2096.845
0.75000 222.102918 719.056933 -8.79E-14
4.53E-15 2.78E-13 -2185.686
1.00000 222.102918 735.711680 -8.99E-14
4.53E-15 2.89E-13 -2276.609
COMB UEO14 ----- MIN
REL DIST T P M2 V2 V3
0.00000 222.102918 669.092930 -8.19E-14
4.53E-15 2.46E-13 -1925.408
0.25000 222.102918 685.747618 -8.39E-14
4.53E-15 2.66E-13 -2100.085
0.50000 222.102918 702.402305 -8.59E-14
4.53E-15 2.67E-13 -2096.845
0.75000 222.102918 719.056933 -8.79E-14
4.53E-15 2.78E-13 -2185.686
1.00000 222.102918 735.711680 -8.99E-14
4.53E-15 2.89E-13 -2276.609
COMB UEO15 ----- MAX
REL DIST T P M2 V2 V3
0.00000 306.338972 672.298853 -8.22E-14
4.02E-15 1.89E-13 -1467.330
0.25000 306.338972 688.953541 -8.42E-14
4.02E-15 1.99E-13 -1552.408
0.50000 306.338972 705.608228 -8.62E-14
4.02E-15 2.10E-13 -1639.569
0.75000 306.338972 722.262916 -8.82E-14
4.02E-15 2.21E-13 -1728.810
1.00000 306.338972 738.917603 -9.02E-14
4.02E-15 2.32E-13 -1820.134
COMB UEO15 ----- MIN
REL DIST T P M2 V2 V3
0.00000 306.338972 672.298853 -8.22E-14
4.02E-15 1.89E-13 -1467.330
0.25000 306.338972 688.953541 -8.42E-14
4.02E-15 1.99E-13 -1552.408
0.50000 306.338972 705.608228 -8.62E-14
4.02E-15 2.10E-13 -1639.569
0.75000 306.338972 722.262916 -8.82E-14
4.02E-15 2.21E-13 -1728.810
1.00000 306.338972 738.917603 -9.02E-14
4.02E-15 2.32E-13 -1820.134
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FRAME ELEMENT INTERNAL FORCES

COMB UEO16 ----- MAX

REL DIST T P M2 V2 V3
0.00000 308.170848 -199.859052 2.37E-14
2.60E-15 2.93E-13 -2348.554
0.25000 308.170848 -182.327802 2.16E-14
2.60E-15 2.90E-13 -2324.668
0.50000 308.170848 -164.796552 1.95E-14
2.60E-15 2.88E-13 -2302.972
0.75000 308.170848 -147.265302 1.73E-14
2.60E-15 2.86E-13 -2283.469
1.00000 308.170848 -129.734052 1.52E-14
2.60E-15 2.84E-13 -2266.156
COMB UEO16 ----- MIN
REL DIST T P M2 V2 V3
0.00000 308.170848 -199.859052 2.37E-14
2.60E-15 2.93E-13 -2348.554
0.25000 308.170848 -182.327802 2.16E-14
2.60E-15 2.90E-13 -2324.668
0.50000 308.170848 -164.796552 1.95E-14
2.60E-15 2.88E-13 -2302.972
0.75000 308.170848 -147.265302 1.73E-14
2.60E-15 2.86E-13 -2283.469

1.00000 308.170848 -129.734052 1.52E-14
2.60E-15 2.84E-13 -2266.156
COMB UEO17 ----- MAX
REL DIST T P M2 V2 V3
0.00000 450.692092 -186.524437 2.19E-14
3.86E-15 4.28E-13 -3423.440
0.25000 450.692092 -168.993187 1.97E-14
3.86E-15 4.25E-13 -3401.220
0.50000 450.692092 -151.461937 1.76E-14
3.86E-15 4.23E-13 -3381.192
0.75000 450.692092 -133.930687 1.55E-14
3.86E-15 4.21E-13 -3363.355
1.00000 450.692092 -116.399437 1.34E-14
3.86E-15 4.19E-13 -3347.709
COMB UEO17 ----- MIN
REL DIST T P M2 V2 V3
0.00000 450.692092 -186.524437 2.19E-14
3.86E-15 4.28E-13 -3423.440
0.25000 450.692092 -168.993187 1.97E-14
3.86E-15 4.25E-13 -3401.220
0.50000 450.692092 -151.461937 1.76E-14
3.86E-15

0.00000 636.314657 -238.398008 2.78E-14
5.46E-15 6.04E-13 -4831.381
0.25000 636.314657 -215.607383 2.51E-14
5.46E-15 6.01E-13 -4803.005
0.50000 636.314657 -192.816758 2.23E-14
5.46E-15 5.98E-13 -4777.479
0.75000 636.314657 -170.026133 1.96E-14
5.46E-15 5.95E-13 -4754.801
1.00000 636.314657 -147.232598 1.68E-14
5.46E-15 5.93E-13 -4734.972
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FRAME ELEMENT INTERNAL FORCES

COMB ENVOECC ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 543.872869 -178.056555 2.37E-14
4.68E-15 5.16E-13 -2348.213
0.25000 543.872869 -160.525305 2.15E-14
4.68E-15 5.13E-13 -2342.374
0.50000 543.872869 -142.994055 1.94E-14
4.68E-15 5.11E-13 -2320.727
0.75000 543.872869 -125.462805 1.73E-14
4.68E-15 5.09E-13 -2283.271
1.00000 543.872869 -107.931555 1.52E-14
4.68E-15 5.08E-13 -2266.007

COMB ENVOECC ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.180315 -199.475315 2.07E-14
2.60E-15 2.93E-13 -4126.473
0.25000 308.180315 -181.944065 1.86E-14
2.60E-15 2.90E-13 -4105.312
0.50000 308.180315 -164.412815 1.64E-14
2.60E-15 2.89E-13 -4086.342
0.75000 308.180315 -146.981565 1.43E-14
2.60E-15 2.86E-13 -4069.563
1.00000 308.180315 -129.350315 1.22E-14
2.60E-15 2.84E-13 -4054.976

ELEM 8 ----- LENGTH =

LOAD D -----

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -131.013175 1.54E-14
2.59E-15 2.84E-13 -2266.654
0.25000 308.139294 -124.000675 1.45E-14
2.59E-15 2.83E-13 -2260.279
0.50000 308.139294 -116.988175 1.37E-14
2.59E-15 2.82E-13 -2254.254
0.75000 308.139294 -109.975675 1.28E-14
2.59E-15 2.82E-13 -2248.580
1.00000 308.139294 -102.963175 1.20E-14
2.59E-15 2.81E-13 -2243.257

LOAD L1 -----

REL DIST T P M2 M3 V2 V3
0.00000 109.624444 9.962214 -1.39E-15
9.68E-16 1.04E-13 -832.078940 -1.39E-15
0.25000 109.624444 9.962214 -1.39E-15
9.68E-16 1.04E-13 -832.576951 -1.39E-15
0.50000 109.624444 9.962214 -1.39E-15
9.68E-16 1.04E-13 -833.075062 -1.39E-15
0.75000 109.624444 9.962214 -1.39E-15
9.68E-16 1.04E-13 -833.573172 -1.39E-15
1.00000 109.624444 9.962214 -1.39E-15
9.68E-16 1.04E-13 -834.071283 -1.39E-15

LOAD W-LO -----

REL DIST T P M2 M3 V2 V3
0.00000 1.14E-17 9.36E-17 0.833288
8.881358 2.061876 3.36E-16
0.25000 1.14E-17 1.34E-16 1.169888
8.881358 2.011797 3.30E-16
0.50000 1.14E-17 1.75E-16 1.506488
8.881358 1.948987 3.22E-16
0.75000 1.14E-17 2.16E-16 1.843088
8.881358 1.861148 3.12E-16
1.00000 1.14E-17 2.57E-16 2.179688
8.881358 1.760579 3.01E-16

LOAD G-LO2 -----

REL DIST T P M2 M3 V2 V3
0.00000 4.99E-16 1.16E-15 10.531105
80.457134 -209.785330 -2.16E-14 10.531105
0.25000 4.99E-16 1.16E-15 10.531105
80.457134 -210.311885 -2.17E-14 10.531105
0.50000 4.99E-16 1.16E-15 10.531105
80.457134 -210.838440 -2.17E-14 10.531105
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REL DIST T P M2 M3 V2 V3
0.75000 4.99E-16 1.16E-15 10.531105
80.457134 -211.364996 -2.18E-14 10.531105
1.00000 4.99E-16 1.16E-15 10.531105
80.457134 -211.891551 -2.18E-14 10.531105

LOAD E-LO -----

REL DIST T P M2 M3 V2 V3
0.00000 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000 0.00000
0.25000 0.00000 0.00000 0.00000
0.50000 0.00000 0.00000 0.00000
0.75000 0.00000 0.00000 0.00000
1.00000 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000 0.00000
0.75000 0.00000 0.00000 0.00000
1.00000 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000 0.00000

LOAD W-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 14.506097 1086.926 -1.32E-13
1.90E-15 4.29E-14 364.053619 -1.32E-13
0.25000 14.506097 1086.926 -1.32E-13
1.90E-15 4.06E-14 364.053619 -1.32E-13
0.50000 14.506097 1086.926 -1.32E-13
1.90E-15 3.40E-14 309.707316 -1.32E-13
0.75000 14.506097 1086.926 -1.32E-13

1.96E-15 -2.74E-14 255.361013 -1.32E-13
1.00000 14.506097 1086.926 -1.32E-13
1.96E-15 -2.08E-14 201.014710 -1.32E-13
LOAD WL -----
REL DIST T P M2 M3 V2 V3
0.00000 3.600712 145.961940 -1.77E-14
2.62E-16 -6.42E-15 56.85161940 -1.77E-14
0.25000 3.600712 145.961940 -1.77E-14
2.62E-16 -5.54E-15 49.553571 -1.77E-14
0.50000 3.600712 145.961940 -1.77E-14
2.62E-16 -4.65E-15 42.255474 -1.77E-14
0.75000 3.600712 145.961940 -1.77E-14
2.62E-16 -3.76E-15 34.957377 -1.77E-14
1.00000 3.600712 145.961940 -1.77E-14
2.62E-16 -2.88E-15 27.659280 -1.77E-14

LOAD G-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.57E-14 -365.179651 2.33E-16
0.25000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.57E-14 -365.051414 2.33E-16
0.50000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.57E-14 -364.923177 2.33E-16
0.75000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.57E-14 -364.794940 2.33E-16
1.00000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.57E-14 -364.666703 2.33E-16

LOAD E-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000 0.00000
0.25000 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000 0.00000
0.50000 0.00000 0.00000 0.00000
0.75000 0.00000 0.00000 0.00000
1.00000 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000 0.00000

LOAD Q1-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 0.031554 1.279124 -1.55E-16
2.29E-18 -5.63E-17 0.498214 -1.55E-16
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REL DIST T P M2 M3 V2 V3
0.25000 0.031554 1.279124 -1.55E-16
2.29E-18 -4.95E-17 0.434253 -1.55E-16
0.50000 0.031554 1.279124 -1.55E-16
2.29E-18 -4.07E-17 0.370302 -1.55E-16
0.75000 0.031554 1.279124 -1.55E-16
2.29E-18 -3.30E-17 0.306346 -1.55E-16
1.00000 0.031554 1.279124 -1.55E-16
2.29E-18 -2.52E-17 0.242389 -1.55E-16
LOAD COL-TR -----
REL DIST T P M2 M3 V2 V3
0.00000 0.073804 2.991805 -3.63E-16
5.37E-18 -1.32E-16 1.165297 -3.63E-16
0.25000 0.073804 2.991805 -3.63E-16
5.37E-18 -1.13E-16 1.015707 -3.63E-16
0.50000 0.073804 2.991805 -3.63E-16
5.37E-18 -9.53E-17 0.866117 -3.63E-16
0.75000 0.073804 2.991805 -3.63E-16
5.37E-18 -7.71E-17 0.716527 -3.63E-16
1.00000 0.073804 2.991805 -3.63E-16
5.37E-18 -5.90E-17 0.566937 -3.63E-16

COMB SVB01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -121.050962 1.40E-14
3.56E-15 3.88E-13 -3098.733 1.40E-14
0.25000 417.763738 -114.038462 1.31E-14
3.56E-15 3.87E-13 -3092.856 1.31E-14
0.50000 417.763738 -107.025962 1.23E-14
3.56E-15 3.87E-13 -3087.329 1.23E-14
0.75000 417.763738 -100.013462 1.14E-14
3.56E-15 3.86E-13 -3082.153 1.14E-14
1.00000 417.763738 -93.000962 1.06E-14
3.56E-15 3.85E-13 -3077.328 1.06E-14

COMB SVB01 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -121.050962 1.40E-14
3.56E-15 3.88E-13 -3098.733 1.40E-14
0.25000 417.763738 -114.038462 1.31E-14
3.56E-15 3.87E-13 -3092.856 1.31E-14
0.50000 417.763738 -107.025962 1.23E-14
3.56E-15 3.87E-13 -3087.329 1.23E-14
0.75000 417.763738 -100.013462 1.14E-14
3.56E-15 3.86E-13 -3082.153 1.14E-14
1.00000 417.763738 -93.000962 1.06E-14
3.56E-15 3.85E-13 -3077.328 1.06E-14

COMB SVB02 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -131.013175 1.54E-14
2.59E-15 2.84E-13 -2266.654 1.54E-14
0.25000 308.139294 -124.000675 1.45E-14
2.59E-15 2.83E-13 -2260.279 1.45E-14
0.50000 308.139294 -116.988175 1.37E-14
2.59E-15 2.82E-13 -2254.254 1.37E-14
0.75000 308.139294 -109.975675 1.28E-14
2.59E-15 2.82E-13 -2248.580 1.28E-14
1.00000 308.139294 -102.963175 1.20E-14
2.59E-15 2.81E-13 -2243.257 1.20E-14

COMB SVB02 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -131.013175 1.54E-14
2.59E-15 2.84E-13 -2266.654 1.54E-14
0.25000 308.139294 -124.000675 1.45E-14
2.59E-15 2.83E-13 -2260.279 1.45E-14
0.50000 308.139294 -116.988175 1.37E-14
2.59E-15 2.82E-13 -2254.254 1.37E-14
0.75000 308.139294 -109.975675 1.28E-14
2.59E-15 2.82E-13 -2248.580 1.28E-14
1.00000 308.139294 -102.963175 1.20E-14
2.59E-15 2.81E-13 -2243.257 1.20E-14
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COMB SVB03 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -131.013175 0.833288
8.881358 2.061876 -2266.654 0.833288
0.25000 308.139294 -124.000675 1.169888
8.881358 2.011797 -2260.279 1.169888
0.50000 308.139294 -116.988175 1.506488
8.881358 1.944887 -2254.254 1.506488
0.75000 308.139294 -109.975675 1.843088
8.881358 1.861148 -2248.580 1.843088
1.00000 308.139294 -102.963175 2.179688
8.881358 1.760579 -2243.257 2.179688

COMB SVB03 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -131.013175 0.833288
8.881358 2.061876 -2266.654 0.833288
0.25000 308.139294 -124.000675 1.169888
8.881358 2.011797 -2260.279 1.169888
0.50000 308.139294 -116.988175 1.506488
8.881358 1.944887 -2254.254 1.506488
0.75000 308.139294 -109.975675 1.843088
8.881358 1.861148 -2248.580 1.843088
1.00000 308.139294 -102.963175 2.179688
8.881358 1.760579 -2243.257 2.179688

COMB SVB04 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -121.050962 0.416644
4.440679 1.030938 -3098.733 0.416644
0.25000 417.763738 -114.038462 0.584944
4.440679 1.005898 -3092.856 0.584944
0.50000 417.763738 -107.025962 0.753244
4.440679 0.972444 -2254.254 0.753244
0.75000 417.763738 -100.013462 0.921544
4.440679 0.930574 -3082.153 0.921544
1.00000 417.763738 -93.000962 1.089844
4.440679 0.880289 -3077.328 1.089844

COMB SVB04 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -121.050962 0.416644
4.440679 1.030938 -3098.733 0.416644
0.25000 417.763738 -114.038462 0.584944
4.440679 1.005898 -3092.856 0.584944
0.50000 417.763738 -107.025962 0.753244
4.440679 0.972444 -2254.254 0.753244
0.75000 417.763738 -100.013462 0.921544
4.440679 0.930574 -3082.153 0.921544
1.00000 417.763738 -93.000962 1.089844
4.440679 0.880289 -3077.328 1.089844

COMB SVB05 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -131.013175 0.416644
4.440679 1.030938 -3098.733 0.416644
0.25000 308.139294 -124.000675 0.584944
4.440679 1.005898 -3092.856 0.584944
0.50000 308.139294 -116.988175 0.753244
4.440679 0.972444 -2254.254 0.753244
0.75000 308.139294 -109.975675 0.921544
4.440679 0.930574 -3082.153 0.921544
1.00000 308.139294 -102.963175 1.089844
4.440679 0.880289 -2243.257 1.089844

COMB SVB05 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -131.013175 0.416644
4.440679 1.030938 -3098.733 0.416644
0.25000 308.139294 -124.000675 0.584944
4.440679 1.005898 -3092.856 0.584944
0.50000 308.139294 -116.988175 0.753244
4.440679 0.972444 -2254.254 0.753244
0.75000 308.139294 -109.975675 0.921544
4.440679 0.930574 -3082.153 0.921544
1.00000 308.139294 -102.963175 1.089844
4.440679 0.880289 -2243.257 1.089844

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FRAME ELEMENT INTERNAL FORCES

COMB SVB06 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -121.050962 10.531105
80.457134 -209.785330 -3098.733 10.531105
0.25000 417.763738 -114.038462 10.531105
80.457134 -210.311885 -3092.856 10.531105
0.50000 417.763738 -107.025962 10.531105
80.457134 -210.838440 -3087.329 10.531105
0.75000 417.763738 -100.013462 10.531105
80.457134 -211.364996 -3082.153 10.531105
1.00000 417.763738 -93.000962 10.531105
80.457134 -211.891551 -3077.328 10.531105

COMB SVB06 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -121.050962 10.531105
80.457134 -209.785330 -3098.733 10.531105
0.25000 417.763738 -114.038462 10.531105
80.457134 -210.311885 -3092.856 10.531105
0.50000 417.763738 -107.025962 10.531105
80.457134 -210.838440 -3087.329 10.531105
0.75000 417.763738 -100.013462 10.531105
80.457134 -211.364996 -3082.153 10.531105
1.00000 417.763738 -93.000962 10.531105
80.457134 -211.891551 -3077.328 10.531105

F R A M E E L E M E N T I N T E R N A L F O R C E S									
COMB	SVB12	-----	MAX						
REL DIST	T	P	V2	V3					
	M2	M3							
0.00000	417.763738	-121.050962		10.947749					
84.897813	-208.754392	-3098.733							
0.25000	417.763738	-114.038462		11.116049					
84.897813	-209.305987	-3092.856							
0.50000	417.763738	-107.025962		11.284349					
84.897813	-209.865997	-3087.329							
0.75000	417.763738	-100.013462		11.452649					
84.897813	-210.434422	-3082.153							
1.00000	417.763738	-93.000962		11.620949					
84.897813	-211.011262	-3077.328							
COMB	SVB12	-----	MIN						
REL DIST	T	P	V2	V3					
	M2	M3							
0.00000	417.763738	-121.050962		10.947749					
84.897813	-208.754392	-3098.733							
0.25000	417.763738	-114.038462		11.116049					
84.897813	-209.305987	-3092.856							
0.50000	417.763738	-107.025962		11.284349					
0.75000	417.763738	-100.013462		11.452649					
84.897813	-210.434422	-3082.153							
1.00000	417.763738	-93.000962		11.620949					
84.897813	-211.011262	-3077.328							
COMB	SVB13	-----	MAX						
REL DIST	T	P	V2	V3					
	M2	M3							
0.00000	417.763738	-121.050962		0.416644					
4.440679	1.030938	-3098.733							
0.25000	417.763738	-114.038462		0.584944					
4.440679	1.005898	-3092.856							
0.50000	417.763738	-107.025962		0.753244					
4.440679	0.972444	-3087.329							
0.75000	417.763738	-100.013462		0.921544					
4.440679	0.930574	-3082.153							
1.00000	417.763738	-93.000962		1.089844					
4.440679	0.880289	-3077.328							
COMB	SVB13	-----	MIN						
REL DIST	T	P	V2	V3					
	M2	M3							
0.00000	417.763738	-121.050962		0.416644					
4.440679	1.030938	-3098.733							
0.25000	417.763738	-114.038462		0.584944					
4.440679	1.005898	-3092.856							
0.50000	417.763738	-107.025962		0.753244					
4.440679	0.972444	-3087.329							
0.75000	417.763738	-100.013462		0.921544					
4.440679	0.930574	-3082.153							
1.00000	417.763738	-93.000962		1.089844					
4.440679	0.880289	-3077.328							
COMB	SVB14	-----	MAX						
REL DIST	T	P	V2	V3					
	M2	M3							
0.00000	308.139294	-131.013175		10.947749					
84.897813	-208.754392	-2266.654							
0.25000	308.139294	-124.000675		11.116049					
84.897813	-209.305987	-2260.279							
0.50000	308.139294	-116.988175		11.284349					
84.897813	-209.865997	-2254.254							
0.75000	308.139294	-109.975675		11.452649					
84.897813	-210.434422	-2248.580							
1.00000	308.139294	-102.963175		11.620949					
84.897813	-211.011262	-2243.257							
COMB	SVB14	-----	MIN						
REL DIST	T	P	V2	V3					
	M2	M3							
0.00000	308.139294	-131.013175		10.947749					
84.897813	-208.754392	-2266.654							
0.25000	308.139294	-124.000675		11.116049					
84.897813	-209.305987	-2260.279							
0.50000	308.139294	-116.988175		11.284349					
84.897813	-209.865997	-2254.254							
0.75000	308.139294	-109.975675		11.452649					
84.897813	-210.434422	-2248.580							
1.00000	308.139294	-102.963175		11.620949					
84.897813	-211.011262	-2243.257							
COMB	SVB15	-----	MAX						
REL DIST	T	P	V2	V3					
	M2	M3							
0.00000	308.139294	-131.013175		0.416644					
4.440679	1.030938	-2266.654							
0.25000	308.139294	-124.000675		0.584944					
4.440679	1.005898	-2260.279							
0.50000	308.139294	-116.988175		0.753244					
4.440679	0.972444	-2254.254							
0.75000	308.139294	-109.975675		0.921544					
4.440679	0.930574	-2248.580							
1.00000	308.139294	-102.963175		1.089844					
4.440679	0.880289	-2243.257							
COMB	SVB15	-----	MIN						
REL DIST	T	P	V2	V3					
	M2	M3							
0.00000	308.139294	-131.013175		0.416644					
4.440679	1.030938	-2266.654							
0.25000	308.139294	-124.000675		0.584944					
4.440679	1.005898	-2260.279							
0.50000	308.139294	-116.988175		0.753244					
4.440679	0.972444	-2254.254							
0.75000	308.139294	-109.975675		0.921544					
4.440679	0.930574	-2248.580							
1.00000	308.139294	-102.963175		1.089844					
4.440679	0.880289	-2243.257							
COMB	ULB01	-----	MAX						
REL DIST	T	P	V2	V3					
	M2	M3							
0.00000	636.273637	-148.898368		1.70E-14					
5.45E-15	5.90E-13	-4735.620							
0.25000	636.273637	-139.782118		1.59E-14					
5.45E-15	5.92E-13	-4728.403							
0.50000	636.273637	-130.665868		1.48E-14					
5.45E-15	5.91E-13	-4721.642							
0.75000	636.273637	-121.549618		1.37E-14					
5.45E-15	5.90E-13	-4715.336							
1.00000	636.273637	-112.433368		1.26E-14					
5.45E-15	5.90E-13	-4709.487							
COMB	ULB01	-----	MIN						
REL DIST	T	P	V2	V3					
	M2	M3							
0.00000	400.581082	-170.317128		2.00E-14					
3.37E-15	3.69E-13	-2946.651							
0.25000	400.581082	-161.200878		1.89E-14					
3.37E-15	3.68E-13	-2938.363							
0.50000	400.581082	-152.084628		1.78E-14					
3.37E-15	3.67E-13	-2930.530							
0.75000	400.581082	-142.968378		1.67E-14					
3.37E-15	3.66E-13	-2923.154							
1.00000	400.581082	-133.852128		1.56E-14					
3.37E-15	3.65E-13	-2916.234							
COMB	ULB02	-----	MIN						
REL DIST	T	P	V2	V3					
	M2	M3							
0.00000	400.581082	-170.317128		2.00E-14					
3.37E-15	3.69E-13	-2946.651							
0.25000	400.581082	-161.200878		1.89E-14					
3.37E-15	3.68E-13	-2938.363							
0.50000	400.581082	-152.084628		1.78E-14					
3.37E-15	3.67E-13	-2930.530							
0.75000	400.581082	-142.968378		1.67E-14					
3.37E-15	3.66E-13	-2923.154							
1.00000	400.581082	-133.852128		1.56E-14					
3.37E-15	3.65E-13	-2916.234							
COMB	ULB03	-----	MAX						
REL DIST	T	P	V2	V3					
	M2	M3							
0.00000	400.581082	-170.317128		1.083274					
1.545765	2.680439	-2946.651							
0.25000	400.581082	-161.200878		1.520854					
11.545765	2.615336	-2938.363							
0.50000	400.581082	-152.084628		1.958434					
11.545765	2.528353	-2930.530							
0.75000	400.581082	-142.968378		2.396014					
11.545765	2.419492	-2923.154							
1.00000	400.581082	-133.852128		2.833594					
11.545765	2.288752	-2916.234							
COMB	ULB03	-----	MIN						
REL DIST	T	P	V2	V3					
	M2	M3							
0.00000	400.581082	-170.317128		1.083274					
11.545765	2.680439	-2946.651							
0.25000	400.581082	-161.200878		1.520854					
11.545765	2.615336	-2938.363							
0.50000	400.581082	-152.084628		1.958434					
11.545765	2.528353	-2930.530							
0.75000	400.581082	-142.968378		2.396014					
11.545765	2.419492	-2923.154							

0.25000 385.174117 -155.000844 0.731180
5.550849 1.257373 -2825.349 0.941555
0.50000 385.174117 -146.235219
5.550849 1.215555 -2817.818
0.75000 385.174117 -137.469594 1.151930
5.550849 1.163217 -2810.725
1.00000 385.174117 -128.703969 1.362305
5.550849 1.100362 -2804.071

COMB ULB15 ----- MIN

REL DIST T P M2 V2 V3
0.00000 385.174117 -163.766469 0.520805
5.550849 1.288673 -2833.318
0.25000 385.174117 -155.000844 0.731180
5.550849 1.257373 -2825.349
0.50000 385.174117 -146.235219 0.941555
5.550849 1.215555 -2817.818
0.75000 385.174117 -137.469594 1.151930
5.550849 1.163217 -2810.725
1.00000 385.174117 -128.703969 1.362305
5.550849 1.100362 -2804.071

COMB ULB16 ----- MAX

REL DIST T P M2 V2 V3
0.00000 308.139294 -131.013175 1.54E-14
2.59E-15 2.84E-13 -2266.654
0.25000 308.139294 -124.000675 1.45E-14
2.59E-15 2.83E-13 -2260.279
0.50000 308.139294 -116.988175 1.37E-14
2.59E-15 2.82E-13 -2254.254
0.75000 308.139294 -109.975675 1.28E-14
2.59E-15 2.82E-13 -2248.580
1.00000 308.139294 -102.963175 1.20E-14
2.59E-15 2.81E-13 -2243.257

COMB ULB16 ----- MIN

REL DIST T P M2 V2 V3
0.00000 308.139294 -131.013175 1.54E-14
2.59E-15 2.84E-13 -2266.654
0.25000 308.139294 -124.000675 1.45E-14
2.59E-15 2.83E-13 -2260.279
0.50000 308.139294 -116.988175 1.37E-14
2.59E-15 2.82E-13 -2254.254
0.75000 308.139294 -109.975675 1.28E-14
2.59E-15 2.82E-13 -2248.580
1.00000 308.139294 -102.963175 1.20E-14
2.59E-15 2.81E-13 -2243.257

COMB ULB17 ----- MAX

REL DIST T P M2 V2 V3
0.00000 543.092859 -157.366250 1.82E-14
4.63E-15 5.04E-13 -4028.353
0.25000 543.092859 -148.250000 1.71E-14
4.63E-15 5.03E-13 -4020.713
0.50000 543.092859 -139.133750 1.60E-14
4.63E-15 5.03E-13 -4013.528
0.75000 543.092859 -130.017500 1.49E-14
4.63E-15 5.02E-13 -4006.799
1.00000 543.092859 -120.901250 1.38E-14
4.63E-15 5.01E-13 -4000.526

COMB ULB17 ----- MIN

REL DIST T P M2 V2 V3
0.00000 543.092859 -157.366250 1.82E-14
4.63E-15 5.04E-13 -4028.353
0.25000 543.092859 -148.250000 1.71E-14
4.63E-15 5.03E-13 -4020.713
0.50000 543.092859 -139.133750 1.60E-14
4.63E-15 5.03E-13 -4013.528
0.75000 543.092859 -130.017500 1.49E-14
4.63E-15 5.02E-13 -4006.799
1.00000 543.092859 -120.901250 1.38E-14
4.63E-15 5.01E-13 -4000.526
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COMB ULB18 ----- MAX

REL DIST T P M2 V2 V3
0.00000 369.767153 -157.215810 0.999945
10.657629 2.474251 -2719.985
0.25000 369.767153 -148.800810 1.403865
10.657629 2.414156 -2712.335
0.50000 369.767153 -140.385810 1.807785
10.657629 2.333865 -2705.105
0.75000 369.767153 -131.970810 2.211705
10.657629 2.233737 -2698.296
1.00000 369.767153 -123.555810 2.615625
10.657629 2.12694 -2691.908

COMB ULB18 ----- MIN

REL DIST T P M2 V2 V3
0.00000 369.767153 -157.215810 0.999945
10.657629 2.474251 -2719.985
0.25000 369.767153 -148.800810 1.403865
10.657629 2.414156 -2712.335
0.50000 369.767153 -140.385810 1.807785
10.657629 2.333865 -2705.105
0.75000 369.767153 -131.970810 2.211705
10.657629 2.233737 -2698.296
1.00000 369.767153 -123.555810 2.615625
10.657629 2.12694 -2691.908

COMB UEB01 ----- MAX

REL DIST T P M2 V2 V3
0.00000 543.831848 -102.581916 1.24E-14
4.68E-15 5.08E-13 -4055.624
0.25000 543.831848 -102.581916 1.15E-14
4.68E-15 5.07E-13 -4050.319
0.50000 543.831848 -95.569416 1.07E-14
4.68E-15 5.07E-13 -4045.366
0.75000 543.831848 -88.556916 0.94E-15
4.68E-15 5.06E-13 -4040.762
1.00000 543.831848 -81.544416 8.99E-15
4.68E-15 5.06E-13 -4036.510

COMB UEB01 ----- MIN

REL DIST T P M2 V2 V3
0.00000 543.831848 -102.581916 1.24E-14
4.68E-15 5.08E-13 -4055.624
0.25000 543.831848 -102.581916 1.15E-14
4.68E-15 5.07E-13 -4050.319
0.50000 543.831848 -95.569416 1.07E-14
4.68E-15 5.07E-13 -4045.366
0.75000 543.831848 -88.556916 0.94E-15
4.68E-15 5.06E-13 -4040.762
1.00000 543.831848 -81.544416 8.99E-15

4.68E-15 5.06E-13 -4036.510
COMB UEB02 ----- MAX

REL DIST T P M2 V2 V3
0.00000 308.139294 -131.013175 1.54E-14
2.59E-15 2.84E-13 -2266.654
0.25000 308.139294 -124.000675 1.45E-14
2.59E-15 2.83E-13 -2260.279
0.50000 308.139294 -116.988175 1.37E-14
2.59E-15 2.82E-13 -2254.254
0.75000 308.139294 -109.975675 1.28E-14
2.59E-15 2.82E-13 -2248.580
1.00000 308.139294 -102.963175 1.20E-14
2.59E-15 2.81E-13 -2243.257

COMB UEB02 ----- MIN

REL DIST T P M2 V2 V3
0.00000 308.139294 -131.013175 1.54E-14
2.59E-15 2.84E-13 -2266.654
0.25000 308.139294 -124.000675 1.45E-14
2.59E-15 2.83E-13 -2260.279
0.50000 308.139294 -116.988175 1.37E-14
2.59E-15 2.82E-13 -2254.254
0.75000 308.139294 -109.975675 1.28E-14
2.59E-15 2.82E-13 -2248.580
1.00000 308.139294 -102.963175 1.20E-14
2.59E-15 2.81E-13 -2243.257
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COMB UEB03 ----- MAX

REL DIST T P M2 V2 V3
0.00000 308.139294 -131.013175 1.083274
11.545765 2.680439 -2266.654
0.25000 308.139294 -124.000675 1.520854
11.545765 2.615336 -2260.279
0.50000 308.139294 -116.988175 1.958434
11.545765 2.528353 -2254.254
0.75000 308.139294 -109.975675 2.396014
11.545765 2.419492 -2248.580
1.00000 308.139294 -102.963175 2.833594
11.545765 2.288752 -2243.257

COMB UEB03 ----- MIN

REL DIST T P M2 V2 V3
0.00000 308.139294 -131.013175 1.083274
11.545765 2.680439 -2266.654
0.25000 308.139294 -124.000675 1.520854
11.545765 2.615336 -2260.279
0.50000 308.139294 -116.988175 1.958434
11.545765 2.528353 -2254.254
0.75000 308.139294 -109.975675 2.396014
11.545765 2.419492 -2248.580
1.00000 308.139294 -102.963175 2.833594
11.545765 2.288752 -2243.257

COMB UEB04 ----- MAX

REL DIST T P M2 V2 V3
0.00000 450.651071 -118.062297 0.541637
5.772883 1.340219 -3348.357
0.25000 450.651071 -111.049797 0.760427
5.772883 1.307668 -3342.629
0.50000 450.651071 -104.037297 0.979217
5.772883 1.264177 -3337.252
0.75000 450.651071 -97.024797 1.198007
5.772883 1.209746 -3332.225
1.00000 450.651071 -90.012297 1.416797
5.772883 1.144376 -3327.549

COMB UEB04 ----- MIN

REL DIST T P M2 V2 V3
0.00000 450.651071 -118.062297 0.541637
5.772883 1.340219 -3348.357
0.25000 450.651071 -111.049797 0.760427
5.772883 1.307668 -3342.629
0.50000 450.651071 -104.037297 0.979217
5.772883 1.264177 -3337.252
0.75000 450.651071 -97.024797 1.198007
5.772883 1.209746 -3332.225
1.00000 450.651071 -90.012297 1.416797
5.772883 1.144376 -3327.549

COMB UEB05 ----- MAX

REL DIST T P M2 V2 V3
0.00000 308.139294 -131.013175 0.541637
5.772883 1.340219 -3348.357
0.25000 308.139294 -124.000675 0.760427
5.772883 1.307668 -3342.629
0.50000 308.139294 -116.988175 0.979217
5.772883 1.264177 -3337.252
0.75000 308.139294 -109.975675 1.198007
5.772883 1.209746 -3332.225
1.00000 308.139294 -102.963175 1.416797
5.772883 1.144376 -3327.549

COMB UEB05 ----- MIN

REL DIST T P M2 V2 V3
0.00000 308.139294 -131.013175 0.541637
5.772883 1.340219 -3348.357
0.25000 308.139294 -124.000675 0.760427
5.772883 1.307668 -3342.629
0.50000 308.139294 -116.988175 0.979217
5.772883 1.264177 -3337.252
0.75000 308.139294 -109.975675 1.198007
5.772883 1.209746 -3332.225
1.00000 308.139294 -102.963175 1.416797
5.772883 1.144376 -3327.549
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COMB UEB06 ----- MAX

REL DIST T P M2 V2 V3
0.00000 450.651071 -118.062297 13.690437
11.673115 -259.654317 -2153.322
0.25000 450.651071 -111.049797 13.690437
11.673115 -260.375110 -2147.265
0.50000 450.651071 -104.037297 13.690437
11.673115 -261.16941 -2141.542
0.75000 450.651071 -97.024797 13.690437
11.673115 -261.879810 -2136.151
1.00000 450.651071 -90.012297 13.690437
11.673115 -262.663715 -2131.094

104.594274 -274.774494 -3332.225
1.00000 450.651071 -90.012297 13.690437
104.594274 -275.459016 -3327.549

COMB UEB06 ----- MIN

REL DIST T P M2 V2 V3
0.00000 450.651071 -118.062297 13.690437
104.594274 -272.720929 -3348.357
0.25000 450.651071 -111.049797 13.690437
104.594274 -273.405451 -3342.629
0.50000 450.651071 -104.037297 13.690437
104.594274 -274.089972 -3337.252
0.75000 450.651071 -97.024797 13.690437
104.594274 -274.774494 -3332.225
1.00000 450.651071 -90.012297 13.690437
104.594274 -275.459016 -3327.549

COMB UEB07 ----- MAX

REL DIST T P M2 V2 V3
0.00000 450.651071 -118.062297 1.36E-14
3.85E-15 4.19E-13 -3348.357
0.25000 450.651071 -111.049797 1.27E-14
3.85E-15 4.18E-13 -3342.629
0.50000 450.651071 -104.037297 1.19E-14
3.85E-15 4.18E-13 -3337.252
0.75000 450.651071 -97.024797 1.10E-14
3.85E-15 4.17E-13 -3332.225
1.00000 450.651071 -90.012297 1.02E-14
3.85E-15 4.17E-13 -3327.549

COMB UEB07 ----- MIN

REL DIST T P M2 V2 V3
0.00000 450.651071 -118.062297 1.36E-14
3.85E-15 4.19E-13 -3348.357
0.25000 450.651071 -111.049797 1.27E-14
3.85E-15 4.18E-13 -3342.629
0.50000 450.651071 -104.037297 1.19E-14
3.85E-15 4.18E-13 -3337.252
0.75000 450.651071 -97.024797 1.10E-14
3.85E-15 4.17E-13 -3332.225
1.00000 450.651071 -90.012297 1.02E-14
3.85E-15 4.17E-13 -3327.549

COMB UEB08 ----- MAX

REL DIST T P M2 V2 V3
0.00000 308.139294 -131.013175 13.690437
104.594274 -272.720929 -2266.654
0.25000 308.139294 -124.000675 13.690437
104.594274 -273.405451 -2260.279
0.50000 308.139294 -116.988175 13.690437
104.594274 -274.089972 -2254.254
0.75000 308.139294 -109.975675 13.690437
104.594274 -274.774494 -2248.580
1.00000 308.139294 -102.963175 13.690437
104.594274 -275.459016 -2243.257

COMB UEB08 ----- MIN

REL DIST T P M2 V2 V3
0.00000 308.139294 -131.013175 13.690437
104.594274 -272.720929 -2266.654
0.25000 308.139294 -124.000675 13.690437
104.594274 -273.405451 -2260.279
0.50000 308.139294 -116.988175 13.690437
104.594274 -274.089972 -2254.254
0.75000 308.139294 -109.975675 13.690437
104.594274 -274.774494 -2248.580
1.00000 308.139294 -102.963175 13.690437
104.594274 -275.459016 -2243.257
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COMB UEB09 ----- MAX

REL DIST T P M2 V2 V3
0.00000 308.139294 -131.013175 1.54E-14
2.59E-15 2.84E-13 -2266.654
0.25000 308.139294 -124.000675 1.45E-14
2.59E-15 2.83E-13 -2260.279
0.50000 308.139294 -116.988175 1.37E-14
2.59E-15 2.82E-13 -2254.254
0.75000 308.139294 -109.975675 1.28E-14
2.59E-15 2.82E-13 -2248.580
1.00000 308.139294 -102.963175 1.20E-14
2.59E-15 2.81E-13 -2243.257

COMB UEB09 ----- MIN

REL DIST T P M2 V2 V3
0.00000 308.139294 -131.013175 1.54E-14
2.59E-15 2.84E-13 -2266.654
0.25000 308.139294 -124.000675 1.45E-14
2.59E-15 2.83E-13 -2260.279
0.50000 308.139294 -116.988175 1.37E-14
2.59E-15 2.82E-13 -2254.254
0.75000 308.139294 -109.975675 1.28E-14
2.59E-15 2.82E-13 -2248.580
1.00000 308.139294 -102.963175 1.20E-14
2.59E-15 2.81E-13 -2243.257

COMB UEB10 ----- MAX

REL DIST T P M2 V2 V3
0.00000 292.732329 -124.462517 14.205491
11.673115 -259.654317 -2153.322
0.25000 292.732329 -117.800642 14.205491
11.673115 -260.375110 -2147.265
0.50000 292.732329 -111.138767 14.205491
11.673115 -261.16941 -2141.542
0.75000 292.732329 -104.476892 14.205491
11.673115 -261.879810 -2136.151
1.00000 292.732329 -97.815017 14.205491
11.673115 -262.663715 -2131.094

COMB UEB10 ----- MIN

REL DIST T P M2 V2 V3
0.00000 292.732329 -124.462517 14.205491
11.673115 -259.654317 -2153.322
0.25000 292.732329 -117.800642 14.205491
11.673115 -260.375110 -2147.265
0.50000

REL DIST T P M2 M3 V2 V3										2.60E-15 308.170848 -115.709052 1.35E-14										0.25000 350.406449 -115.324076 1.32E-14										4.55E-15 2.60E-13 -2042.000									
0.00000 292.732329 -124.462517 0.520805										2.60E-15 308.170848 -115.709052 1.35E-14										0.25000 350.406449 -115.324076 1.32E-14										4.55E-15 2.60E-13 -2042.000									
5.550849 1.288673 -2153.322										2.60E-15 308.170848 -115.709052 1.35E-14										0.25000 350.406449 -115.324076 1.32E-14										4.55E-15 2.60E-13 -2042.000									
0.50000 292.732329 -117.800642 0.731180										2.60E-15 308.170848 -115.709052 1.35E-14										0.25000 350.406449 -115.324076 1.32E-14										4.55E-15 2.60E-13 -2042.000									
5.550849 1.288673 -2153.322										2.60E-15 308.170848 -115.709052 1.35E-14										0.25000 350.406449 -115.324076 1.32E-14										4.55E-15 2.60E-13 -2042.000									
0.50000 292.732329 -111.138767 0.941555										2.60E-15 308.170848 -115.709052 1.35E-14										0.25000 350.406449 -115.324076 1.32E-14										4.55E-15 2.60E-13 -2042.000									
5.550849 1.215555 -2141.542										2.60E-15 308.170848 -115.709052 1.35E-14										0.25000 350.406449 -115.324076 1.32E-14										4.55E-15 2.60E-13 -2042.000									
0.75000 292.732329 -104.476892 1.151930										2.60E-15 308.170848 -115.709052 1.35E-14										0.25000 350.406449 -115.324076 1.32E-14										4.55E-15 2.60E-13 -2042.000									
5.550849 1.163217 -2136.151										2.60E-15 308.170848 -115.709052 1.35E-14										0.25000 350.406449 -115.324076 1.32E-14										4.55E-15 2.60E-13 -2042.000									
1.00000 292.732329 -97.815017 1.362305										2.60E-15 308.170848 -115.709052 1.35E-14										0.25000 350.406449 -115.324076 1.32E-14										4.55E-15 2.60E-13 -2042.000									
5.550849 1.100362 -2131.094										2.60E-15 308.170848 -115.709052 1.35E-14										0.25000 350.406449 -115.324076 1.32E-14										4.55E-15 2.60E-13 -2042.000									
COMB UEB16 ----- MAX										COMB SVO02 ----- MIN										COMB SVO07 ----- MAX										COMB SVO11 ----- MIN									
REL DIST T P M2 M3 V2 V3										REL DIST T P M2 M3 V2 V3										REL DIST T P M2 M3 V2 V3										REL DIST T P M2 M3 V2 V3									
0.00000 308.139294 -131.013175 1.54E-14										0.00000 308.139294 -131.013175 1.54E-14										0.00000 308.139294 -131.013175 1.54E-14										0.00000 308.139294 -131.013175 1.54E-14									
2.59E-15 2.84E-13 -2266.654										2.59E-15 2.84E-13 -2266.654										2.59E-15 2.84E-13 -2266.654										2.59E-15 2.84E-13 -2266.654									
0.25000 308.139294 -124.000675 1.45E-14										0.25000 308.139294 -124.000675 1.45E-14										0.25000 308.139294 -124.000675 1.45E-14										0.25000 308.139294 -124.000675 1.45E-14									
2.59E-15 2.83E-13 -2260.279										2.59E-15 2.83E-13 -2260.279										2.59E-15 2.83E-13 -2260.279										2.59E-15 2.83E-13 -2260.279									
0.50000 308.139294 -116.988175 1.37E-14										0.50000 308.139294 -116.988175 1.37E-14										0.50000 308.139294 -116.988175 1.37E-14										0.50000 308.139294 -116.988175 1.37E-14									
2.59E-15 2.82E-13 -2254.254										2.59E-15 2.82E-13 -2254.254										2.59E-15 2.82E-13 -2254.254										2.59E-15 2.82E-13 -2254.254									
0.75000 308.139294 -109.975675 1.28E-14										0.75000 308.139294 -109.975675 1.28E-14										0.75000 308.139294 -109.975675 1.28E-14										0.75000 308.139294 -109.975675 1.28E-14									
2.59E-15 2.82E-13 -2248.580										2.59E-15 2.82E-13 -2248.580										2.59E-15 2.82E-13 -2248.580										2.59E-15 2.82E-13 -2248.580									
1.00000 308.139294 -102.963175 1.20E-14										1.00000 308.139294 -102.963175 1.20E-14										1.00000 308.139294 -102.963175 1.20E-14										1.00000 308.139294 -102.963175 1.20E-14									
2.59E-15 2.81E-13 -2243.257										2.59E-15 2.81E-13 -2243.257										2.59E-15 2.81E-13 -2243.257										2.59E-15 2.81E-13 -2243.257									
COMB UEB16 ----- MIN										COMB UEB16 ----- MIN										COMB UEB16 ----- MIN										COMB UEB16 ----- MIN									
REL DIST T P M2 M3 V2 V3										REL DIST T P M2 M3 V2 V3										REL DIST T P M2 M3 V2 V3										REL DIST T P M2 M3 V2 V3									
0.00000 308.139294 -131.013175 1.54E-14										0.00000 308.139294 -131.013175 1.54E-14										0.00000 308.139294 -131.013175 1.54E-14										0.00000 308.139294 -131.013175 1.54E-14									

3.84E-15	2.64E-13	-2085.636			
1.00000	319.024608	587.740921	-7.19E-14		
3.84E-15	2.68E-13	-2114.848			
COMB	ULO01	-----	MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	636.314657	-147.235508	1.68E-14		
5.46E-15	5.93E-13	-4734.972			
0.25000	636.314657	-138.119258	1.57E-14		
5.46E-15	5.92E-13	-4727.839			
0.50000	636.314657	-129.003008	1.46E-14		
5.46E-15	5.91E-13	-4721.160			
0.75000	636.314657	-119.886758	1.35E-14		
5.46E-15	5.90E-13	-4714.938			
1.00000	636.314657	-110.770508	1.24E-14		
5.46E-15	5.90E-13	-4709.172			

COMB	ULO01	-----	MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	636.314657	-147.235508	1.68E-14		
5.46E-15	5.93E-13	-4734.972			
0.25000	636.314657	-138.119258	1.57E-14		
5.46E-15	5.92E-13	-4727.839			
0.50000	636.314657	-129.003008	1.46E-14		
5.46E-15	5.91E-13	-4721.160			
0.75000	636.314657	-119.886758	1.35E-14		
5.46E-15	5.90E-13	-4714.938			
1.00000	636.314657	-110.770508	1.24E-14		
5.46E-15	5.90E-13	-4709.172			

COMB	ULO02	-----	MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	400.622103	-168.654267	1.98E-14		
3.38E-15	3.69E-13	-2946.003			
0.25000	400.622103	-159.538017	1.87E-14		
3.38E-15	3.68E-13	-2937.798			
0.50000	400.622103	-150.421767	1.76E-14		
3.38E-15	3.67E-13	-2930.049			
0.75000	400.622103	-141.305517	1.65E-14		
3.38E-15	3.66E-13	-2922.756			
1.00000	400.622103	-132.189267	1.54E-14		
3.38E-15	3.65E-13	-2915.919			

COMB	ULO02	-----	MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	400.622103	-168.654267	1.98E-14		
3.38E-15	3.69E-13	-2946.003			
0.25000	400.622103	-159.538017	1.87E-14		
3.38E-15	3.68E-13	-2937.798			
0.50000	400.622103	-150.421767	1.76E-14		
3.38E-15	3.67E-13	-2930.049			
0.75000	400.622103	-141.305517	1.65E-14		
3.38E-15	3.66E-13	-2922.756			
1.00000	400.622103	-132.189267	1.54E-14		
3.38E-15	3.65E-13	-2915.919			
Program	SAP2000	Nonlinear	Version 7.42		
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FRAME ELEMENT INTERNAL FORCES

COMB	ULO03	-----	MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	419.480028	1244.350	-1.52E-13		
5.92E-15	3.07E-13	-2402.083			
0.25000	419.480028	1253.466	-1.53E-13		
5.92E-15	3.15E-13	-2464.528			
0.50000	419.480028	1262.582	-1.54E-13		
5.92E-15	3.23E-13	-2527.430			
0.75000	419.480028	1271.698	-1.55E-13		
5.92E-15	3.30E-13	-2590.787			
1.00000	419.480028	1280.815	-1.56E-13		
5.92E-15	3.38E-13	-2654.599			

COMB	ULO03	-----	MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	419.480028	1244.350	-1.52E-13		
5.92E-15	3.07E-13	-2402.083			
0.25000	419.480028	1253.466	-1.53E-13		
5.92E-15	3.15E-13	-2464.528			
0.50000	419.480028	1262.582	-1.54E-13		
5.92E-15	3.23E-13	-2527.430			
0.75000	419.480028	1271.698	-1.55E-13		
5.92E-15	3.30E-13	-2590.787			
1.00000	419.480028	1280.815	-1.56E-13		
5.92E-15	3.38E-13	-2654.599			

COMB	ULO04	-----	MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	557.243768	740.549075	-9.09E-14		
6.25E-15	4.65E-13	-3681.838			
0.25000	557.243768	749.665325	-9.20E-14		
6.25E-15	4.70E-13	-3719.094			
0.50000	557.243768	758.781575	-9.31E-14		
6.25E-15	4.74E-13	-3756.805			
0.75000	557.243768	767.897825	-9.42E-14		
6.25E-15	4.79E-13	-3794.972			
1.00000	557.243768	777.014075	-9.53E-14		
6.25E-15	4.84E-13	-3833.595			

COMB	ULO04	-----	MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	557.243768	740.549075	-9.09E-14		
6.25E-15	4.65E-13	-3681.838			
0.25000	557.243768	749.665325	-9.20E-14		
6.25E-15	4.70E-13	-3719.094			
0.50000	557.243768	758.781575	-9.31E-14		
6.25E-15	4.74E-13	-3756.805			
0.75000	557.243768	767.897825	-9.42E-14		
6.25E-15	4.79E-13	-3794.972			
1.00000	557.243768	777.014075	-9.53E-14		
6.25E-15	4.84E-13	-3833.595			

COMB	ULO05	-----	MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	414.731991	727.598197	-8.91E-14		
4.99E-15	3.30E-13	-2600.136			
0.25000	414.731991	736.714447	-9.02E-14		
4.99E-15	3.34E-13	-2636.744			
0.50000	414.731991	745.830697	-9.13E-14		
4.99E-15	3.39E-13	-2673.807			
0.75000	414.731991	754.946947	-9.24E-14		
4.99E-15	3.43E-13	-2711.327			
1.00000	414.731991	764.063197	-9.35E-14		
4.99E-15	3.48E-13	-2749.302			

COMB	ULO05	-----	MIN		
REL DIST	P	V2	V3		
T	M2	M3			

	T	M2	M3		
0.00000	414.731991	727.598197	-8.91E-14		
4.99E-15	3.30E-13	-2600.136			
0.25000	414.731991	736.714447	-9.02E-14		
4.99E-15	3.34E-13	-2636.744			
0.50000	414.731991	745.830697	-9.13E-14		
4.99E-15	3.39E-13	-2673.807			
0.75000	414.731991	754.946947	-9.24E-14		
4.99E-15	3.43E-13	-2711.327			
1.00000	414.731991	764.063197	-9.35E-14		
4.99E-15	3.48E-13	-2749.302			
Program	SAP2000	Nonlinear	Version 7.42		
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FRAME ELEMENT INTERNAL FORCES

COMB	ULO06	-----	MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	455.528384	-159.037549	1.83E-14		
5.17E-15	5.64E-13	-4502.439			
0.25000	455.528384	-149.921299	1.72E-14		
5.17E-15	5.63E-13	-4494.715			
0.50000	455.528384	-140.805049	1.61E-14		
5.17E-15	5.62E-13	-4487.447			
0.75000	455.528384	-131.688799	1.50E-14		
5.17E-15	5.61E-13	-4480.634			
1.00000	455.528384	-122.527549	1.39E-14		
5.17E-15	5.60E-13	-4474.278			

COMB	ULO06	-----	MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	455.528384	-159.037549	1.83E-14		
5.17E-15	5.64E-13	-4502.439			
0.25000	455.528384	-149.921299	1.72E-14		
5.17E-15	5.63E-13	-4494.715			
0.50000	455.528384	-140.805049	1.61E-14		
5.17E-15	5.62E-13	-4487.447			
0.75000	455.528384	-131.688799	1.50E-14		
5.17E-15	5.61E-13	-4480.634			
1.00000	455.528384	-122.527549	1.39E-14		
5.17E-15	5.60E-13	-4474.278			

COMB	ULO07	-----	MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	543.133880	-155.703389	1.80E-14		
4.63E-15	5.04E-13	-4027.705			
0.25000	543.133880	-146.587139	1.69E-14		
4.63E-15	5.03E-13	-4020.148			
0.50000	543.133880	-137.470889	1.58E-14		
4.63E-15	5.02E-13	-4013.047			
0.75000	543.133880	-128.354639	1.47E-14		
4.63E-15	5.02E-13	-4006.041			
1.00000	543.133880	-119.238389	1.36E-14		
4.63E-15	5.01E-13	-4000.211			

COMB	ULO07	-----	MIN		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	543.133880	-155.703389	1.80E-14		
4.63E-15	5.04E-13	-4027.705			
0.25000	543.133880	-146.587139	1.69E-14		
4.63E-15	5.03E-13	-4020.148			
0.50000	543.133880	-137.470889	1.58E-14		
4.63E-15	5.02E-13	-4013.047			
0.75000	543.133880	-128.354639	1.47E-14		
4.63E-15	5.02E-13	-4006.041			
1.00000	543.133880	-119.238389	1.36E-14		
4.63E-15	5.01E-13	-4000.211			

COMB	ULO08	-----	MAX		
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	313.016606	-171.988427	2.01E-14		
3.91E-15	4.28E-13	-3420.736			
0.25000	313.016606	-162.872177	1.90E-14		
3.91E-15	4.27E-13	-3412.365			
0.50000	313.016606	-153.755927	1.79E-14		
3.91E-15	4.26E-13	-3404.449			
0.75000	313.016606	-144.639677	1.68E-14		
3.91E-15	4.25E-13	-3396.989			
1.00000	313.016606	-135.523427	1.57E-14		
3.91E-15	4.25E-13	-3389.985			

COMB	ULO08	-----MIN			
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	313.016606	-171.988427	2.01E-14		
3.91E-15	4.28E-13	-3420.736			
0.25000	313.016606	-162.872177	1.90E-14		
3.91E-15	4.27E-13	-3412.365			
0.50000	313.016606	-153.755927	1.79E-14		
3.91E-15	4.26E-13	-3404.449			
0.75000	313.016606	-144.639677	1.68E-14		
3.91E-15	4.25E-13	-3396.989			
1.00000	313.016606	-135.523427	1.57E-14		
3.91E-15	4.25E-13	-3389.985			
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0.25000 543.872869 -100.919055 1.13E-14
4.68E-15 5.07E-13 -4049.755
0.50000 543.872869 -93.906555 1.05E-14
4.68E-15 5.06E-13 -4044.884
0.75000 543.872869 -86.894055 9.64E-15
4.68E-15 5.06E-13 -4040.364
1.00000 543.872869 -79.881555 8.79E-15
4.68E-15 5.06E-13 -4036.195

COMB UEO01 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 543.872869 -107.931555 1.22E-14
4.68E-15 5.07E-13 -4054.976
0.25000 543.872869 -100.919055 1.13E-14
4.68E-15 5.07E-13 -4049.755
0.50000 543.872869 -93.906555 1.05E-14
4.68E-15 5.06E-13 -4044.884
0.75000 543.872869 -86.894055 9.64E-15
4.68E-15 5.06E-13 -4040.364
1.00000 543.872869 -79.881555 8.79E-15
4.68E-15 5.06E-13 -4036.195

COMB UEO02 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 308.180315 -129.350315 1.52E-14
2.60E-15 2.84E-13 -2266.007
0.25000 308.180315 -122.337815 1.43E-14
2.60E-15 2.83E-13 -2259.714
0.50000 308.180315 -115.325315 1.35E-14
2.60E-15 2.82E-13 -2253.773
0.75000 308.180315 -108.312815 1.26E-14
2.60E-15 2.81E-13 -2248.182
1.00000 308.180315 -101.300315 1.18E-14
2.60E-15 2.81E-13 -2242.942

COMB UEO02 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 308.180315 -129.350315 1.52E-14
2.60E-15 2.84E-13 -2266.007
0.25000 308.180315 -122.337815 1.43E-14
2.60E-15 2.83E-13 -2259.714
0.50000 308.180315 -115.325315 1.35E-14
2.60E-15 2.82E-13 -2253.773
0.75000 308.180315 -108.312815 1.26E-14
2.60E-15 2.81E-13 -2248.182
1.00000 308.180315 -101.300315 1.18E-14
2.60E-15 2.81E-13 -2242.942
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FRAME ELEMENT INTERNAL FORCES

COMB UEO03 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 327.038240 -1283.654 1.56E-13
5.14E-15 2.22E-13 -1722.087
0.25000 327.038240 -1290.666 1.57E-13
5.14E-15 2.30E-13 -1786.445
0.50000 327.038240 -1297.679 1.58E-13
5.14E-15 2.38E-13 -1851.153
0.75000 327.038240 -1304.691 1.59E-13
5.14E-15 2.46E-13 -1916.213
1.00000 327.038240 -1311.704 1.60E-13
5.14E-15 2.54E-13 -1981.622

COMB UEO03 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 327.038240 -1283.654 1.56E-13
5.14E-15 2.22E-13 -1722.087
0.25000 327.038240 -1290.666 1.57E-13
5.14E-15 2.30E-13 -1786.445
0.50000 327.038240 -1297.679 1.58E-13
5.14E-15 2.38E-13 -1851.153
0.75000 327.038240 -1304.691 1.59E-13
5.14E-15 2.46E-13 -1916.213
1.00000 327.038240 -1311.704 1.60E-13
5.14E-15 2.54E-13 -1981.622

COMB UEO04 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 464.801980 779.853027 -9.55E-14
5.47E-15 3.80E-13 -3001.842
0.25000 464.801980 786.865527 -9.63E-14
5.47E-15 3.85E-13 -3041.010
0.50000 464.801980 793.878027 -9.72E-14
5.47E-15 3.90E-13 -3080.529
0.75000 464.801980 800.890527 -9.80E-14
5.47E-15 3.95E-13 -3120.398
1.00000 464.801980 807.903027 -9.89E-14
5.47E-15 3.99E-13 -3160.618

COMB UEO04 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 464.801980 779.853027 -9.55E-14
5.47E-15 3.80E-13 -3001.842
0.25000 464.801980 786.865527 -9.63E-14
5.47E-15 3.85E-13 -3041.010
0.50000 464.801980 793.878027 -9.72E-14
5.47E-15 3.90E-13 -3080.529
0.75000 464.801980 800.890527 -9.80E-14
5.47E-15 3.95E-13 -3120.398
1.00000 464.801980 807.903027 -9.89E-14
5.47E-15 3.99E-13 -3160.618

COMB UEO05 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 322.290203 766.902149 -9.37E-14
4.21E-15 2.45E-13 -1920.139
0.25000 322.290203 773.914649 -9.45E-14
4.21E-15 2.49E-13 -1958.660
0.50000 322.290203 780.927149 -9.54E-14
4.21E-15 2.54E-13 -1997.531
0.75000 322.290203 787.939649 -9.62E-14
4.21E-15 2.59E-13 -2036.753
1.00000 322.290203 794.952149 -9.71E-14
4.21E-15 2.64E-13 -2076.325

COMB UEO05 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 322.290203 766.902149 -9.37E-14
4.21E-15 2.45E-13 -1920.139
0.25000 322.290203 773.914649 -9.45E-14
4.21E-15 2.49E-13 -1958.660
0.50000 322.290203 780.927149 -9.54E-14
4.21E-15 2.54E-13 -1997.531
0.75000 322.290203 787.939649 -9.62E-14
4.21E-15 2.59E-13 -2036.753
1.00000 322.290203 794.952149 -9.71E-14

4.21E-15 2.64E-13 -2076.325
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FRAME ELEMENT INTERNAL FORCES

COMB UEO06 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 363.086595 -119.733597 1.37E-14
4.39E-15 4.78E-13 -3822.443
0.25000 363.086595 -112.721097 1.28E-14
4.39E-15 4.78E-13 -3816.631
0.50000 363.086595 -105.708597 1.20E-14
4.39E-15 4.77E-13 -3811.171
0.75000 363.086595 -98.696097 1.11E-14
4.39E-15 4.77E-13 -3806.060
1.00000 363.086595 -91.683597 1.03E-14
4.39E-15 4.76E-13 -3801.301

COMB UEO06 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 363.086595 -119.733597 1.37E-14
4.39E-15 4.78E-13 -3822.443
0.25000 363.086595 -112.721097 1.28E-14
4.39E-15 4.78E-13 -3816.631
0.50000 363.086595 -105.708597 1.20E-14
4.39E-15 4.77E-13 -3811.171
0.75000 363.086595 -98.696097 1.11E-14
4.39E-15 4.77E-13 -3806.060
1.00000 363.086595 -91.683597 1.03E-14
4.39E-15 4.76E-13 -3801.301

COMB UEO07 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 450.692092 -116.399437 1.34E-14
3.86E-15 4.19E-13 -3347.709
0.25000 450.692092 -109.386937 1.25E-14
3.86E-15 4.18E-13 -3342.064
0.50000 450.692092 -102.374437 1.17E-14
3.86E-15 4.18E-13 -3336.770
0.75000 450.692092 -95.361937 1.08E-14
3.86E-15 4.17E-13 -3331.827
1.00000 450.692092 -88.349437 9.97E-15
3.86E-15 4.17E-13 -3327.234

COMB UEO07 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 450.692092 -116.399437 1.34E-14
3.86E-15 4.19E-13 -3347.709
0.25000 450.692092 -109.386937 1.25E-14
3.86E-15 4.18E-13 -3342.064
0.50000 450.692092 -102.374437 1.17E-14
3.86E-15 4.18E-13 -3336.770
0.75000 450.692092 -95.361937 1.08E-14
3.86E-15 4.17E-13 -3331.827
1.00000 450.692092 -88.349437 9.97E-15
3.86E-15 4.17E-13 -3327.234

COMB UEO08 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 220.574818 -132.684475 1.55E-14
3.13E-15 3.43E-13 -2740.740
0.25000 220.574818 -125.671975 1.46E-14
3.13E-15 3.42E-13 -2734.281
0.50000 220.574818 -118.659475 1.38E-14
3.13E-15 3.42E-13 -2728.173
0.75000 220.574818 -111.646975 1.29E-14
3.13E-15 3.41E-13 -2722.415
1.00000 220.574818 -104.634475 1.21E-14
3.13E-15 3.40E-13 -2717.008

COMB UEO08 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 220.574818 -132.684475 1.55E-14
3.13E-15 3.43E-13 -2740.740
0.25000 220.574818 -125.671975 1.46E-14
3.13E-15 3.42E-13 -2734.281
0.50000 220.574818 -118.659475 1.38E-14
3.13E-15 3.42E-13 -2728.173
0.75000 220.574818 -111.646975 1.29E-14
3.13E-15 3.41E-13 -2722.415
1.00000 220.574818 -104.634475 1.21E-14
3.13E-15 3.40E-13 -2717.008

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FRAME ELEMENT INTERNAL FORCES

COMB UEO09 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 308.180315 -129.350315 1.52E-14
2.60E-15 2.84E-13 -2266.007
0.25000 308.180315 -122.337815 1.43E-14
2.60E-15 2.83E-13 -2259.714
0.50000 308.180315 -115.325315 1.35E-14
2.60E-15 2.82E-13 -2253.773
0.75000 308.180315 -108.312815 1.26E-14
2.60E-15 2.81E-13 -2248.182
1.00000 308.180315 -101.300315 1.18E-14
2.60E-15 2.81E-13 -2242.942

COMB UEO09 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 308.180315 -129.350315 1.52E-14
2.60E-15 2.84E-13 -2266.007
0.25000 308.180315 -122.337815 1.43E-14
2.60E-15 2.83E-13 -2259.714
0.50000 308.180315 -115.325315 1.35E-14
2.60E-15 2.82E-13 -2253.773
0.75000 308.180315 -108.312815 1.26E-14
2.60E-15 2.81E-13 -2248.182
1.00000 308.180315 -101.300315 1.18E-14
2.60E-15 2.81E-13 -2242.942

5.42E-15 2.90E-13 -2272.561
1.00000 226.668339 1259.236 -1.54E-13
5.42E-15 2.98E-13 -2335.356

COMB UEO10 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 226.668339 1232.588 -1.50E-13
5.42E-15 2.98E-13 -2086.173
0.25000 226.668339 1239.250 -1.51E-13
5.42E-15 2.75E-13 -2147.969
0.50000 226.668339 1245.912 -1.52E-13
5.42E-15 2.83E-13 -2210.098
0.75000 226.668339 1252.574 -1.53E-13
5.42E-15 2.90E-13 -2272.561
1.00000 226.668339 1259.236 -1.54E-13
5.42E-15 2.98E-13 -2335.356

COMB UEO11 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 310.904393 1235.794 -1.51E-13
4.91E-15 2.10E-13 -1629.699
0.25000 310.904393 1242.456 -1.51E-13
4.91E-15 2.18E-13 -1691.655
0.50000 310.904393 1249.118 -1.52E-13
4.91E-15 2.26E-13 -1753.944
0.75000 310.904393 1255.780 -1.53E-13
4.91E-15 2.33E-13 -1816.567
1.00000 310.904393 1262.441 -1.54E-13
4.91E-15 2.41E-13 -1879.522

COMB UEO11 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 310.904393 1235.794 -1.51E-13
4.91E-15 2.10E-13 -1629.699
0.25000 310.904393 1242.456 -1.51E-13
4.91E-15 2.18E-13 -1691.655
0.50000 310.904393 1249.118 -1.52E-13
4.91E-15 2.26E-13 -1753.944
0.75000 310.904393 1255.780 -1.53E-13
4.91E-15 2.33E-13 -1816.567
1.00000 310.904393 1262.441 -1.54E-13
4.91E-15 2.41E-13 -1879.522

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FRAME ELEMENT INTERNAL FORCES

COMB UEO12 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 359.133473 748.164447 -9.17E-14
5.74E-15 4.19E-13 -3316.707
0.25000 359.133473 754.826322 -9.25E-14
5.74E-15 4.24E-13 -3354.282
0.50000 359.133473 761.488197 -9.33E-14
5.74E-15 4.28E-13 -3392.190
0.75000 359.133473 768.150072 -9.41E-14
5.74E-15 4.33E-13 -3430.431
1.00000 359.133473 774.811947 -9.49E-14
5.74E-15 4.38E-13 -3469.005

COMB UEO12 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 359.133473 748.164447 -9.17E-14
5.74E-15 4.19E-13 -3316.707
0.25000 359.133473 754.826322 -9.25E-14
5.74E-15 4.24E-13 -3354.282
0.50000 359.133473 761.488197 -9.33E-14
5.74E-15 4.28E-13 -3392.190
0.75000 359.133473 768.150072 -9.41E-14
5.74E-15 4.33E-13 -3430.431
1.00000 359.133473 774.811947 -9.49E-14
5.74E-15 4.38E-13 -3469.005

COMB UEO13 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 443.369527 751.370371 -9.20E-14
5.23E-15 3.62E-13 -2860.233
0.25000 443.369527 758.032246 -9.28E-14
5.23E-15 3.71E-13 -2936.036
0.50000 443.369527 764.694121 -9.36E-14
5.23E-15 3.76E-13 -2974.437
0.75000 443.369527 771.355905 -9.44E-14
5.23E-15 3.81E-13 -3013.172
1.00000 443.369527 778.017871 -9.52E-14
5.23E-15 3.81E-13 -3013.172

COMB UEO13 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 443.369527 751.370371 -9.20E-14
5.23E-15 3.62E-13 -2860.233
0.25000 443.369527 758.032246 -9.28E-14
5.23E-15 3.71E-13 -2936.036
0.50000 443.369527 764.694121 -9.36E-14
5.23E-15 3.76E-13 -2974.437
0.75000 443.369527 771.355905 -9.44E-14
5.23E-15 3.81E-13 -3013.172
1.00000 443.369527 778.017871 -9.52E-14
5.23E-15 3.81E-13 -3013.172

COMB UEO14 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 222.102918 735.711680 -9.00E-14
4.53E-15 2.89E-13 -2276.609
0.25000 222.102918 742.373555 -9.08E-14
4.53E-15 2.94E-13 -2313.561
0.50000 222.102918 749.035430 -9.16E-14
4.53E-15 2.98E-13 -2350.846
0.75000 222.102918 755.697305 -9.24E-14
4.53E-15 3.03E-13 -2388.465
1.00000 222.102918 762.359180 -9.32E-14
4.53E-15 3.07E-13 -2426.416

COMB UEO14 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 222.102918 735.711680 -9.00E-14
4.53E-15 2.89E-13 -2276.609
0.25000 222.102918 742.373555 -9.08E-14
4.53E-15 2.94E-13 -2313.561
0.50000 222.102918 749.035430 -9.16E-14
4.53E-15 2.98E-13 -2350.846
0.75000 222.102918 755.697305 -9.24E-14
4.53E-15 3.03E-13 -2388.465
1.00000 222.102918 762.359180 -9.32E-14
4.53E-15 3.07E-13 -2426.416

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FRAME ELEMENT INTERNAL FORCES

COMB UEO15 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 306.338972 738.917603 -9.02E-14
4.02E-15 2.32E-13 -1820.134
0.25000 306.338972 745.579478 -9.11E-14
4.02E-15 2.36E-13 -1857.247
0.50000 306.338972 752.241353 -9.19E-14
4.02E-15 2.41E-13 -1894.692
0.75000 306.338972 758.903228 -9.27E-14
4.02E-15 2.46E-13 -1932.471
1.00000 306.338972 765.565103 -9.35E-14
4.02E-15 2.50E-13 -1970.583

COMB UEO15 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 306.338972 738.917603 -9.02E-14
4.02E-15 2.32E-13 -1820.134
0.25000 306.338972 745.579478 -9.11E-14
4.02E-15 2.36E-13 -1857.247
0.50000 306.338972 752.241353 -9.19E-14
4.02E-15 2.41E-13 -1894.692
0.75000 306.338972 758.903228 -9.27E-14
4.02E-15 2.46E-13 -1932.471
1.00000 306.338972 765.565103 -9.35E-14
4.02E-15 2.50E-13 -1970.583

COMB UEO16 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 308.170848 -129.734052 1.52E-14
2.60E-15 2.84E-13 -2266.156
0.25000 308.170848 -122.721552 1.44E-14
2.60E-15 2.83E

REL DIST T P M2 M3 V2 V3					REL DIST T P M2 M3 V2 V3					REL DIST T P M2 M3 V2 V3					REL DIST T P M2 M3 V2 V3					
0.00000	636.273637	-148.898368			1.70E-14	0.75000	109.624444	9.962214		-1.39E-15	9.68E-16	1.05E-13	-835.565615			1.00000	109.624444	9.962214		-1.39E-15
0.54E-15	5.93E-13	-4735.620				0.25000	109.624444	9.962214			9.68E-16	1.05E-13	-836.063726							
0.50000	636.273637	-130.665868			1.48E-14	LOAD W-LO -----					REL DIST T P M2 M3 V2 V3					REL DIST T P M2 M3 V2 V3				
5.45E-15	5.92E-13	-4728.403				0.00000	1.14E-17	2.57E-16			2.179688	8.881358	1.760579	3.01E-16		0.00000	1.14E-17	2.57E-16		2.179688
0.545E-15	5.91E-13	-4721.642				0.25000	1.14E-17	2.89E-16			2.449688	8.881358	1.644844	2.87E-16		0.25000	1.14E-17	2.89E-16		2.449688
0.75000	636.273637	-121.549618			1.37E-14	0.50000	1.14E-17	3.22E-16			2.719688	8.881358	1.48417	3.22E-16		0.50000	1.14E-17	3.22E-16		2.719688
5.45E-15	5.90E-13	-4715.336				0.75000	1.14E-17	3.55E-16			2.989688	8.881358	1.515610	2.72E-16		0.75000	1.14E-17	3.55E-16		2.989688
5.45E-15	5.90E-13	-4709.487				0.00000	1.14E-17	3.87E-16			3.259688	8.881358	1.372875	2.55E-16		0.00000	1.14E-17	3.87E-16		3.259688
COMB ENVBECC ----- MAX						0.00000	1.14E-17	3.87E-16			3.259688	8.881358	1.216641	2.36E-16		0.00000	1.14E-17	3.87E-16		3.259688
REL DIST T P M2 M3 V2 V3					MAX	LOAD G-LO2 -----					REL DIST T P M2 M3 V2 V3					REL DIST T P M2 M3 V2 V3				
0.00000	543.831848	-109.594416	1.54E-14			0.25000	4.99E-16	1.16E-15			10.531105	80.457134	-211.891551	-2.18E-14		0.25000	4.99E-16	1.16E-15		10.531105
4.68E-15	5.08E-13	-2266.654				0.50000	4.99E-16	1.16E-15			10.531105	80.457134	-212.418106	-2.19E-14		0.50000	4.99E-16	1.16E-15		10.531105
0.25000	543.831848	-102.581916	1.45E-14			0.75000	4.99E-16	1.16E-15			10.531105	80.457134	-212.944661	-2.19E-14		0.75000	4.99E-16	1.16E-15		10.531105
4.68E-15	5.07E-13	-2260.279				1.00000	4.99E-16	1.16E-15			10.531105	80.457134	-213.471217	-2.20E-14		1.00000	4.99E-16	1.16E-15		10.531105
0.50000	543.831848	-95.569416	1.37E-14			LOAD E-LO -----					REL DIST T P M2 M3 V2 V3					REL DIST T P M2 M3 V2 V3				
4.68E-15	5.07E-13	-2254.254				0.00000	0.00000	0.00000			0.00000	0.00000	0.00000	0.00000		0.00000	0.00000	0.00000		0.00000
0.75000	543.831848	-88.556916	1.28E-14			0.25000	0.00000	0.00000			0.00000	0.00000	0.00000	0.00000		0.25000	0.00000	0.00000		0.00000
4.68E-15	5.06E-13	-2248.580				0.50000	0.00000	0.00000			0.00000	0.00000	0.00000	0.00000		0.50000	0.00000	0.00000		0.00000
1.00000	543.831848	-81.544416	1.20E-14			0.75000	0.00000	0.00000			0.00000	0.00000	0.00000	0.00000		0.75000	0.00000	0.00000		0.00000
4.68E-15	5.06E-13	-2243.257				1.00000	0.00000	0.00000			0.00000	0.00000	0.00000	0.00000		1.00000	0.00000	0.00000		0.00000
COMB ENVBECC ----- MIN						LOAD W-TR -----					REL DIST T P M2 M3 V2 V3					REL DIST T P M2 M3 V2 V3				
REL DIST T P M2 M3 V2 V3	MIN	0.00000	308.139294	-131.013175	1.24E-14	0.00000	14.506097	1086.926			-1.32E-13	1.96E-15	-2.08E-14	201.014710		0.00000	14.506097	1086.926		-1.32E-13
2.59E-15		2.84E-13	-4055.624			0.25000	14.506097	1086.926			-1.32E-13	1.96E-15	-1.42E-14	146.668406		0.25000	14.506097	1086.926		-1.32E-13
0.25000		308.139294	-124.000675	1.15E-14		0.50000	14.506097	1086.926			-1.32E-13	1.96E-15	-1.01E-15	37.975800		0.50000	14.506097	1086.926		-1.32E-13
2.59E-15		2.83E-13	-4050.319			0.75000	14.506097	1086.926			-1.32E-13	1.96E-15	-1.01E-15	37.975800		0.75000	14.506097	1086.926		-1.32E-13
0.50000		308.139294	-116.988175	1.07E-14		1.00000	14.506097	1086.926			-1.32E-13	1.96E-15	-1.01E-15	37.975800		1.00000	14.506097	1086.926		-1.32E-13
2.59E-15		2.82E-13	-4045.366			LOAD WL -----					REL DIST T P M2 M3 V2 V3					REL DIST T P M2 M3 V2 V3				
0.75000		308.139294	-109.975675	9.84E-15		0.00000	3.600712	145.961940			-1.77E-14	2.62E-16	-2.88E-15	172.659280		0.00000	3.600712	145.961940		-1.77E-14
2.59E-15		2.82E-13	-4040.762			0.25000	3.600712	145.961940			-1.77E-14	2.62E-16	-2.18E-16	5.764989		0.25000	3.600712	145.961940		-1.77E-14
1.00000		308.139294	-102.963175	8.99E-15		0.50000	3.600712	145.961940			-1.77E-14	2.62E-16	-1.91E-15	20.361183		0.50000	3.600712	145.961940		-1.77E-14
2.59E-15		2.81E-13	-4036.510			0.75000	3.600712	145.961940			-1.77E-14	2.62E-16	-1.91E-15	20.361183		0.75000	3.600712	145.961940		-1.77E-14
Program SAP2000 Nonlinear Version 7.42						LOAD G-TR -----					REL DIST T P M2 M3 V2 V3					REL DIST T P M2 M3 V2 V3				
File:청도1교상행_P9_본체.OUT		0.00000	-67.388843	-2.564738			2.33E-16	4.10E-16	4.57E-14	-364.666703		0.00000	-67.388843	-2.564738		2.33E-16				
: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체 474						F R A M E E L E M E N T I N T E R N A L F O R C E S					F R A M E E L E M E N T I N T E R N A L F O R C E S					F R A M E E L E M E N T I N T E R N A L F O R C E S				
COMB ENVOULT ----- MAX						0.25000	-67.388843	-2.564738			2.33E-16	4.10E-16	4.56E-14	-364.538466		0.25000	-67.388843	-2.564738		2.33E-16
REL DIST T P M2 M3 V2 V3	MAX	0.00000	636.314657	-147.235508	1.68E-14	0.50000	-67.388843	-2.564738			2.33E-16	4.10E-16	4.56E-14	-364.538466		0.50000	-67.388843	-2.564738		2.33E-16
5.46E-15		5.93E-13	-4734.972			0.75000	-67.388843	-2.564738			2.33E-16	4.10E-16	4.56E-14	-364.538466		0.75000	-67.388843	-2.564738		2.33E-16
0.25000		636.314657	-138.119258	1.57E-14		1.00000	-67.388843	-2.564738			2.33E-16	4.10E-16	4.56E-14	-364.538466		1.00000	-67.388843	-2.564738		2.33E-16
5.46E-15		5.92E-13	-4727.839			LOAD E-TR -----					REL DIST T P M2 M3 V2 V3					REL DIST T P M2 M3 V2 V3				
0.50000		636.314657	-129.003008	1.46E-14		0.00000	0.031554	1.279124			-1.55E-16	2.29E-18	-2.52E-17	0.242389		0.00000	0.031554	1.279124		-1.55E-16
5.46E-15		5.91E-13	-4721.360			0.25000	0.031554	1.279124			-1.55E-16	2.29E-18	-2.52E-17	0.242389		0.25000	0.031554	1.279124		-1.55E-16
0.75000		636.314657	-119.886758	1.35E-14		0.50000	0.031554	1.279124			-1.55E-16	2.29E-18	-2.52E-17	0.242389		0.50000	0.031554	1.279124		-1.55E-16
5.46E-15		5.90E-13	-4714.938			0.75000	0.031554	1.279124			-1.55E-16	2.29E-18	-2.52E-17	0.242389		0.75000	0.031554	1.279124		-1.55E-16
1.00000		636.314657	-110.770508	1.24E-14		1.00000	0.031554	1.279124			-1.55E-16	2.29E-18	-2.52E-17	0.242389		1.00000	0.031554	1.279124		-1.55E-16
5.46E-15		5.90E-13	-4709.172			LOAD COL-TR -----					REL DIST T P M2 M3 V2 V3					REL DIST T P M2 M3 V2 V3				
COMB ENVOECC ----- MAX						0.00000	0.073804	2.991805			-3.63E-16	5.37E-18	-5.90E-17	0.566937		0.00000	0.073804	2.991805		-3.63E-16
REL DIST T P M2 M3 V2 V3	MIN	0.00000	636.314657	-147.235508	1.68E-14	0.25000	0.073804	2.991805			-3.63E-16	5.37E-18	-5.90E-17	0.566937		0.25000	0.073804	2.991805		-3.63E-16
4.68E-15		5.08E-13	-2266.654			0.50000	0.073804	2.991805			-3.63E-16	5.37E-18	-4.08E-17	0.417346		0.50000	0.073804	2.991805		-3.63E-16
0.25000		543.872869	-100.919055	1.43E-14		0.75000	0.073804	2.991805			-3.63E-16	5.37E-18	-4.08E-17	0.417346		0.75000	0.073804	2.991805		-3.63E-16
4.68E-15		5.07E-13	-2259.714			1.00000	0.073804	2.991805			-3.63E-16	5.37E-18	-4.08E-17	0.417346		1.00000	0.073804	2.991805		-3.63E-16
0.50000		543.872869	-93.906555	1.35E-14		F R A M E E L E M E N T I N T E R N A L F O R C E S					F R A M E E L E M E N T I N T E R N A L F O R C E S					F R A M E E L E M E N T I N T E R N A L F O R C E S				
4.68E-15		5.06E-13	-2253.773			0.25000	0.073804	2.991805			-3.63E-16	5.37E-18	-4.08E-17	0.417346		0.25000	0.073804	2.991805		-3.63E-16
0.75000		543.872869	-86.894155	1.26E-14		0.50000	0.073804	2.991805			-3.63E-16	5.37E-18	-4.08E-17	0.417346		0.50000	0.073804	2.991805		-3.63E-16
4.68E-15		5.06E-13	-2242.942			0.75000	0.073804	2.991805			-3.63E-16	5.37E-18	-4.08E-17	0.417346		0.75000	0.073804	2.991805		-3.63E-16
COMB ENVOECC ----- MIN						LOAD E-TR -----					REL DIST T P M2 M3 V2 V3					REL DIST T P M2 M3 V2 V3				
REL DIST T P M2 M3 V2 V3	MIN	0.00000	308.180315	-129.350315	1.22E-14	0.25000	-67.388843	-2.564738			2.33E-16	4.10E-16	4.56E-14	-364.538466		0.25000	-67.388843	-2.564738		2.33E-16
2.60E-15		2.84E-13	-4054.964			0.50000	-67.388843	-2.564738			2.33E-16	4.10E-16	4.56E-14	-364.538466		0.50000	-67.388843	-2.564738		2.33E-16
0.25000		308.180315	-122.337815	1.13E-14		0.75000	-67.388843	-2.564738			2.33E-16	4.10E-16	4.56E-14	-364.538466		0.75000	-67.388843	-2.564738		2.3.

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	308.139294	-102.963175		12.710793
89.338492	-210.130972	-2243.257		
0.25000	308.139294	-97.338175		12.980793
89.338492	-210.773262	-2238.249		
0.50000	308.139294	-91.713175		13.250793
89.338492	-211.429052	-2233.523		
0.75000	308.139294	-86.088175		13.520793
89.338492	-212.098341	-2229.078		
1.00000	308.139294	-80.463175		13.790793
89.338492	-212.781131	-2224.914		

COMB	SVB10	MIN		
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	308.139294	-102.963175		12.710793
89.338492	-210.130972	-2243.257		
0.25000	308.139294	-97.338175		12.980793
89.338492	-210.773262	-2238.249		
0.50000	308.139294	-91.713175		13.250793
89.338492	-211.429052	-2233.523		
0.75000	308.139294	-86.088175		13.520793
89.338492	-212.098341	-2229.078		
1.00000	308.139294	-80.463175		13.790793
89.338492	-212.781131	-2224.914		
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COMB SVB11 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	308.139294	-102.963175		2.179688
8.881358	1.760579	-2243.257		
0.25000	308.139294	-97.338175		2.449688
8.881358	1.644844	-2238.249		
0.50000	308.139294	-91.713175		2.719688
8.881358	1.515610	-2233.523		
0.75000	308.139294	-86.088175		2.989688
8.881358	1.372875	-2229.078		
1.00000	308.139294	-80.463175		3.259688
8.881358	1.216641	-2224.914		

COMB SVB11 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	308.139294	-102.963175		2.179688
8.881358	1.760579	-2243.257		
0.25000	308.139294	-97.338175		2.449688
8.881358	1.644844	-2238.249		
0.50000	308.139294	-91.713175		2.719688
8.881358	1.515610	-2233.523		
0.75000	308.139294	-86.088175		2.989688
8.881358	1.372875	-2229.078		
1.00000	308.139294	-80.463175		3.259688
8.881358	1.216641	-2224.914		

COMB SVB12 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	417.763738	-93.000962		11.620949
84.897813	-211.011262	-3077.328		
0.25000	417.763738	-87.375962		11.755949
84.897813	-211.595684	-3072.819		
0.50000	417.763738	-81.750962		11.890949
84.897813	-212.186857	-3068.590		
0.75000	417.763738	-76.125962		12.025949
84.897813	-212.784779	-3064.643		
1.00000	417.763738	-70.500962		12.160949
84.897813	-213.389451	-3060.978		

COMB SVB12 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	417.763738	-93.000962		11.620949
84.897813	-211.011262	-3077.328		
0.25000	417.763738	-87.375962		11.755949
84.897813	-211.595684	-3072.819		
0.50000	417.763738	-81.750962		11.890949
84.897813	-212.186857	-3068.590		
0.75000	417.763738	-76.125962		12.025949
84.897813	-212.784779	-3064.643		
1.00000	417.763738	-70.500962		12.160949
84.897813	-213.389451	-3060.978		

COMB SVB13 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	417.763738	-93.000962		1.089844
4.440679	0.880289	-3077.328		
0.25000	417.763738	-87.375962		1.224844
4.440679	0.822422	-3072.819		
0.50000	417.763738	-81.750962		1.359844
4.440679	0.757805	-3068.590		
0.75000	417.763738	-76.125962		1.494844
4.440679	0.686438	-3064.643		
1.00000	417.763738	-70.500962		1.629844
4.440679	0.608320	-3060.978		

COMB SVB13 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	417.763738	-93.000962		1.089844
4.440679	0.880289	-3077.328		
0.25000	417.763738	-87.375962		1.224844
4.440679	0.822422	-3072.819		
0.50000	417.763738	-81.750962		1.359844
4.440679	0.757805	-3068.590		
0.75000	417.763738	-76.125962		1.494844
4.440679	0.686438	-3064.643		
1.00000	417.763738	-70.500962		1.629844
4.440679	0.608320	-3060.978		
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COMB SVB14 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	308.139294	-102.963175		11.620949
84.897813	-211.011262	-2243.257		
0.25000	308.139294	-97.338175		11.755949
84.897813	-211.595684	-2238.249		
0.50000	308.139294	-91.713175		11.890949
84.897813	-212.186857	-3068.590		
0.75000	308.139294	-86.088175		12.025949
84.897813	-212.784779	-3064.643		
1.00000	308.139294	-80.463175		12.160949
84.897813	-213.389451	-2224.914		

COMB	SVB14	----- MIN		
REL	DIST		V2	V3
T	M2	M3		
0.00000	308.139294	-102.963175		11.620949
84.897813	-211.011262	-2243.257		
0.25000	308.139294	-97.338175		11.755949
84.897813	-211.595684	-2238.249		
0.50000	308.139294	-91.713175		11.890949
84.897813	-212.186857	-2233.523		
0.75000	308.139294	-86.088175		12.025949
84.897813	-212.784779	-2229.078		
1.00000	308.139294	-80.463175		12.160949
84.897813	-213.389451	-2224.914		

COMB SVB15 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	308.139294	-102.963175		1.089844
4.440679	0.880289	-2243.257		
0.25000	308.139294	-97.338175		1.224844
4.440679	0.822422	-2238.249		
0.50000	308.139294	-91.713175		1.359844
4.440679	0.757805	-2233.523		
0.75000	308.139294	-86.088175		1.494844
4.440679	0.686438	-2229.078		
1.00000	308.139294	-80.463175		1.629844
4.440679	0.608320	-2224.914		

COMB SVB15 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	308.139294	-102.963175		1.089844
4.440679	0.880289	-2243.257		
0.25000	308.139294	-97.338175		1.224844
4.440679	0.822422	-2238.249		
0.50000	308.139294	-91.713175		1.359844
4.440679	0.757805	-2233.523		
0.75000	308.139294	-86.088175		1.494844
4.440679	0.686438	-2229.078		
1.00000	308.139294	-80.463175		1.629844
4.440679	0.608320	-2224.914		

COMB ULB01 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	636.273637	-112.433368		1.26E-14
5.45E-15	5.90E-13	-4709.487		
0.25000	636.273637	-105.120868		1.17E-14
5.45E-15	5.89E-13	-4704.404		
0.50000	636.273637	-97.808368		1.08E-14
5.45E-15	5.89E-13	-4698.975		
0.75000	636.273637	-90.495868		9.93E-15
5.45E-15	5.89E-13	-4694.267		
1.00000	636.273637	-83.183368		9.04E-15
5.45E-15	5.88E-13	-4689.925		

COMB ULB01 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	636.273637	-112.433368		1.26E-14
5.45E-15	5.90E-13	-4709.487		
0.25000	636.273637	-105.120868		1.17E-14
5.45E-15	5.89E-13	-4704.404		
0.50000	636.273637	-97.808368		1.08E-14
5.45E-15	5.89E-13	-4698.975		
0.75000	636.273637	-90.495868		9.93E-15
5.45E-15	5.88E-13	-4694.267		
1.00000	636.273637	-83.183368		9.04E-15
5.45E-15	5.88E-13	-4689.925		
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COMB ULB02 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	400.581082	-133.852128		1.56E-14
3.37E-15	3.65E-13	-2916.234		
0.25000	400.581082	-126.539628		1.47E-14
3.37E-15	3.64E-13	-2909.724		
0.50000	400.581082	-119.227128		1.38E-14
3.37E-15	3.64E-13	-2903.580		
0.75000	400.581082	-111.914628		1.29E-14
3.37E-15	3.63E-13	-2897.801		
1.00000	400.581082	-104.602128		1.20E-14
3.37E-15	3.62E-13	-2892.388		

COMB ULB02 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	400.581082	-133.852128		1.56E-14
3.37E-15	3.65E-13	-2916.234		
0.25000	400.581082	-126.539628		1.47E-14
3.37E-15	3.64E-13	-2909.724		
0.50000	400.581082	-119.227128		1.38E-14
3.37E-15	3.64E-13	-2903.580		
0.75000	400.581082	-111.914628		1.29E-14
3.37E-15	3.63E-13	-2897.801		
1.00000	400.581082	-104.602128		1.20E-14
3.37E-15	3.62E-13	-2892.388		

COMB ULB03 ----- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	400.581082	-133.852128		2.833594
11.545765	2.288752	-2916.234		
0.25000	400.581082	-126.539628		3.184594
11.545765	2.138297	-2909.724		
0.50000	400.581082	-119.227128		3.535594
11.545765	1.970293	-2903.580		
0.75000	400.581082	-111.914628		3.886594
11.545765	1.784738	-2897.801		
1.00000	400.581082	-102.602128		4.237594
11.545765	1.581633	-2892.388		

1.00000	522.204672	-88.126202	2.037305
5.550849	0.760401	-3826.222	
COMB ULB13 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	522.204672	-116.251202	1.362305
5.550849	1.100362	-3846.660	
0.25000	522.204672	-102.938175	1.531055
5.550849	1.028028	-3841.023	
0.50000	522.204672	-102.385702	1.699805
5.550849	0.947256	-3835.738	
0.75000	522.204672	-95.157452	1.868555
5.550849	0.858047	-3830.804	
1.00000	522.204672	-88.126202	2.037305
5.550849	0.760401	-3826.222	
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COMB ULB14 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	385.174117	-128.703969	14.526187
106.122266	-263.764077	-2804.071	
0.25000	385.174117	-121.672719	14.694937
106.122266	-264.494605	-2797.811	
0.50000	385.174117	-114.641469	14.863687
106.122266	-265.233571	-2791.904	
0.75000	385.174117	-107.610219	15.032437
106.122266	-265.980974	-2786.347	
1.00000	385.174117	-100.578969	15.201187
106.122266	-266.736814	-2781.143	

COMB ULB14 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	385.174117	-128.703969	14.526187
106.122266	-263.764077	-2804.071	
0.25000	385.174117	-121.672719	14.694937
106.122266	-264.494605	-2797.811	
0.50000	385.174117	-114.641469	14.863687
0.75000	385.174117	-107.610219	15.032437
106.122266	-265.980974	-2786.347	
1.00000	385.174117	-100.578969	15.201187
106.122266	-266.736814	-2781.143	

COMB ULB15 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	385.174117	-128.703969	1.362305
5.550849	1.100362	-3846.660	
0.25000	385.174117	-121.672719	1.531055
5.550849	1.028028	-2797.811	
0.50000	385.174117	-114.641469	1.699805
5.550849	0.947256	-2791.904	
0.75000	385.174117	-107.610219	1.868555
5.550849	0.858047	-2786.347	
1.00000	385.174117	-100.578969	2.037305
5.550849	0.760401	-2781.143	

COMB ULB15 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	385.174117	-128.703969	1.362305
5.550849	1.100362	-2804.071	
0.25000	385.174117	-121.672719	1.531055
5.550849	1.028028	-2797.811	
0.50000	385.174117	-114.641469	1.699805
5.550849	0.947256	-2791.904	
0.75000	385.174117	-107.610219	1.868555
5.550849	0.858047	-2786.347	
1.00000	385.174117	-100.578969	2.037305
5.550849	0.760401	-2781.143	

COMB ULB16 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	308.139294	-102.963175	1.20E-14
2.59E-15	2.81E-13	-2243.257	
0.25000	308.139294	-97.338175	1.13E-14
2.59E-15	2.80E-13	-2238.249	
0.50000	308.139294	-91.713175	1.06E-14
2.59E-15	2.80E-13	-2233.523	
0.75000	308.139294	-86.088175	9.93E-15
2.59E-15	2.79E-13	-2229.078	
1.00000	308.139294	-80.463175	9.25E-15
2.59E-15	2.79E-13	-2224.914	

COMB ULB16 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	308.139294	-102.963175	1.20E-14
2.59E-15	2.81E-13	-2243.257	
0.25000	308.139294	-97.338175	1.13E-14
2.59E-15	2.80E-13	-2238.249	
0.50000	308.139294	-91.713175	1.06E-14
2.59E-15	2.80E-13	-2233.523	
0.75000	308.139294	-86.088175	9.93E-15
2.59E-15	2.79E-13	-2229.078	
1.00000	308.139294	-80.463175	9.25E-15
2.59E-15	2.79E-13	-2224.914	

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COMB ULB17 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	543.092859	-120.901250	1.38E-14
4.63E-15	5.01E-13	-4000.526	
0.25000	543.092859	-113.588750	1.29E-14
4.63E-15	5.01E-13	-3994.664	
0.50000	543.092859	-106.276250	1.20E-14
4.63E-15	5.00E-13	-3989.167	
0.75000	543.092859	-98.963750	1.11E-14
4.63E-15	4.99E-13	-3984.036	
1.00000	543.092859	-91.651250	1.02E-14
4.63E-15	4.99E-13	-3979.271	

COMB ULB17 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	543.092859	-120.901250	1.38E-14
4.63E-15	5.01E-13	-4000.526	
0.25000	543.092859	-113.588750	1.29E-14
4.63E-15	5.00E-13	-3994.664	
0.50000	543.092859	-106.276250	1.20E-14
4.63E-15	5.00E-13	-3989.167	

0.75000	543.092859	-98.963750	1.11E-14
4.63E-15	4.99E-13	-3984.036	
1.00000	543.092859	-91.651250	1.02E-14
4.63E-15	4.99E-13	-3979.271	

COMB ULB18 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	369.767153	-123.555810	2.615625
10.657629	2.112694	-2691.908	
0.25000	369.767153	-116.805810	2.939625
10.657629	1.973913	-2685.899	
0.50000	369.767153	-110.055810	3.263625
10.657629	1.818732	-2680.227	
0.75000	369.767153	-103.305810	3.587625
10.657629	1.647450	-2674.893	
1.00000	369.767153	-96.555810	3.911625
10.657629	1.459969	-2669.897	

COMB ULB18 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	369.767153	-123.555810	2.615625
10.657629	2.112694	-2691.908	
0.25000	369.767153	-116.805810	2.939625
10.657629	1.973913	-2685.899	
0.50000	369.767153	-110.055810	3.263625
10.657629	1.818732	-2680.227	
0.75000	369.767153	-103.305810	3.587625
10.657629	1.647450	-2674.893	
1.00000	369.767153	-96.555810	3.911625
10.657629	1.459969	-2669.897	

COMB UEB01 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	543.831848	-81.544416	8.99E-15
4.68E-15	5.06E-13	-4036.510	
0.25000	543.831848	-75.919416	8.31E-15
4.68E-15	5.05E-13	-4032.573	
0.50000	543.831848	-70.294416	7.63E-15
4.68E-15	5.05E-13	-4028.918	
0.75000	543.831848	-64.669416	6.95E-15
4.68E-15	5.04E-13	-4025.544	
1.00000	543.831848	-59.044416	6.26E-15
4.68E-15	5.04E-13	-4022.451	

COMB UEB01 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	543.831848	-81.544416	8.99E-15
4.68E-15	5.06E-13	-4036.510	
0.25000	543.831848	-75.919416	8.31E-15
4.68E-15	5.05E-13	-4032.573	
0.50000	543.831848	-70.294416	7.63E-15
4.68E-15	5.05E-13	-4028.918	
0.75000	543.831848	-64.669416	6.95E-15
4.68E-15	5.04E-13	-4025.544	
1.00000	543.831848	-59.044416	6.26E-15
4.68E-15	5.04E-13	-4022.451	

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FRAME ELEMENT INTERNAL FORCES

COMB UEB02 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	308.139294	-102.963175	1.20E-14
2.59E-15	2.81E-13	-2243.257	
0.25000	308.139294	-97.338175	1.13E-14
2.59E-15	2.80E-13	-2238.249	
0.50000	308.139294	-91.713175	1.06E-14
2.59E-15	2.80E-13	-2233.523	
0.75000	308.139294	-86.088175	9.93E-15
2.59E-15	2.79E-13	-2229.078	
1.00000	308.139294	-80.463175	9.25E-15
2.59E-15	2.79E-13	-2224.914	

COMB UEB02 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	308.139294	-102.963175	1.20E-14
2.59E-15	2.81E-13	-2243.257	
0.25000	308.139294	-97.338175	1.13E-14
2.59E-15	2.80E-13	-2238.249	
0.50000	308.139294	-91.713175	1.06E-14
2.59E-15	2.80E-13	-2233.523	
0.75000	308.139294	-86.088175	9.93E-15
2.59E-15	2.79E-13	-2229.078	
1.00000	308.139294	-80.463175	9.25E-15
2.59E-15	2.79E-13	-2224.914	

COMB UEB03 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	308.139294	-102.963175	2.833594
11.545765	2.288752	-2243.257	
0.25000	308.139294	-97.338175	3.184594
11.545765	2.138297	-2238.249	
0.50000	308.139294	-91.713175	3.535594
11.545765	1.970293	-2233.523	
0.75000	308.139294	-86.088175	3.886594
11.545765	1.784738	-2229.078	
1.00000	308.139294	-80.463175	4.237594
11.545765	1.581633	-2224.914	

COMB UEB03 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	308.139294	-102.963175	2.833594
11.545765	2.288752	-2243.257	
0.25000	308.139294	-97.338175	3.184594
11.545765	2.138297	-2238.249	
0.50000	308.139294	-91.713175	3.535594
11.545765	1.970293	-2233.523	
0.75000	308.139294	-86.088175	3.886594
11.545765	1.784738	-2229.078	
1.00000	308.139294	-80.463175	4.237594
11.545765	1.581633	-2224.914	

COMB UEB04 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	450.651071	-90.012297	1.416797
5.772883	1.144376	-3327.549	
0.25000	450.651071	-84.387297	1.592297
5.772883	1.069149	-3323.189	
0.50000	450.651071	-78.762297	1.767797
5.772883	0.985146	-3319.111	
0.75000	450.651071	-73.137297	1.943297
5.772883	0.892369	-3315.313	
1.00000	450.651071	-67.512297	2.118797
5.772883	0.790817	-3311.797	

5.550849 1.028028 -3169.548
0.50000 429.762884 -74.674749 1.699805
5.550849 0.947256 -3165.681
0.75000 429.762884 -69.390999 1.868555
5.550849 0.858047 -3162.081
1.00000 429.762884 -63.987249 2.037305
5.550849 0.760401 -3158.748
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L F O R C E S

COMB UEB14 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 292.732329 -97.815017 14.526187
106.122266 -263.764077 -2131.094
0.25000 292.732329 -92.471267 14.694937
106.122266 -264.494605 -2126.337
0.50000 292.732329 -87.127517 14.863687
106.122266 -265.233571 -2121.847
0.75000 292.732329 -81.783767 15.032437
106.122266 -265.980974 -2117.624
1.00000 292.732329 -76.440017 15.201187
106.122266 -266.736814 -2113.668

COMB UEB14 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 292.732329 -97.815017 14.526187
106.122266 -263.764077 -2131.094
0.25000 292.732329 -92.471267 14.694937
106.122266 -264.494605 -2126.337
0.50000 292.732329 -87.127517 14.863687
106.122266 -265.233571 -2121.847
0.75000 292.732329 -81.783767 15.032437
106.122266 -265.980974 -2117.624
1.00000 292.732329 -76.440017 15.201187
106.122266 -266.736814 -2113.668

COMB UEB15 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 292.732329 -97.815017 1.362305
5.550849 1.100362 -2131.094
0.25000 292.732329 -92.471267 1.531055
5.550849 1.028028 -2126.337
0.50000 292.732329 -87.127517 1.699805
5.550849 0.947256 -2121.847
0.75000 292.732329 -81.783767 1.868555
5.550849 0.858047 -2117.624
1.00000 292.732329 -76.440017 2.037305
5.550849 0.760401 -2113.668

COMB UEB15 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 292.732329 -97.815017 1.362305
5.550849 1.100362 -2131.094
0.25000 292.732329 -92.471267 1.531055
5.550849 1.028028 -2126.337
0.50000 292.732329 -87.127517 1.699805
5.550849 0.947256 -2121.847
0.75000 292.732329 -81.783767 1.868555
5.550849 0.858047 -2117.624
1.00000 292.732329 -76.440017 2.037305
5.550849 0.760401 -2113.668

COMB UEB16 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -102.963175 1.20E-14
2.59E-15 2.81E-13 -2243.257
0.25000 308.139294 -97.338175 1.13E-14
2.59E-15 2.80E-13 -2238.249
0.50000 308.139294 -91.713175 1.06E-14
2.59E-15 2.80E-13 -2233.523
0.75000 308.139294 -86.088175 9.93E-15
2.59E-15 2.79E-13 -2229.078
1.00000 308.139294 -80.463175 9.25E-15
2.59E-15 2.79E-13 -2224.914

COMB UEB16 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -102.963175 1.20E-14
2.59E-15 2.81E-13 -2243.257
0.25000 308.139294 -97.338175 1.13E-14
2.59E-15 2.80E-13 -2238.249
0.50000 308.139294 -91.713175 1.06E-14
2.59E-15 2.80E-13 -2233.523
0.75000 308.139294 -86.088175 9.93E-15
2.59E-15 2.79E-13 -2229.078
1.00000 308.139294 -80.463175 9.25E-15
2.59E-15 2.79E-13 -2224.914
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L F O R C E S

COMB UEB17 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 450.651071 -90.012297 1.02E-14
3.85E-15 4.17E-13 -3327.549
0.25000 450.651071 -84.387297 9.49E-15
3.85E-15 4.16E-13 -3323.189
0.50000 450.651071 -78.762297 8.81E-15
3.85E-15 4.16E-13 -3319.111
0.75000 450.651071 -73.137297 8.13E-15
3.85E-15 4.15E-13 -3315.313
1.00000 450.651071 -67.512297 7.45E-15
3.85E-15 4.15E-13 -3311.797

COMB UEB17 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 450.651071 -90.012297 1.02E-14
3.85E-15 4.17E-13 -3327.549
0.25000 450.651071 -84.387297 9.49E-15
3.85E-15 4.16E-13 -3323.189
0.50000 450.651071 -78.762297 8.81E-15
3.85E-15 4.16E-13 -3319.111
0.75000 450.651071 -73.137297 8.13E-15
3.85E-15 4.15E-13 -3315.313
1.00000 450.651071 -67.512297 7.45E-15
3.85E-15 4.15E-13 -3311.797

COMB UEB18 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 277.325364 -92.666858 2.615625

10.657629 2.112694 -2018.931
0.25000 277.325364 -87.604358 2.939625
10.657629 1.973813 -2014.424
0.50000 277.325364 -82.541858 3.263625
10.657629 1.818732 -2010.171
0.75000 277.325364 -77.479358 3.587625
10.657629 1.647450 -2006.170
1.00000 277.325364 -72.416858 3.911625
10.657629 1.459969 -2002.423

COMB UEB18 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 277.325364 -92.666858 2.615625
10.657629 2.112694 -2018.931
0.25000 277.325364 -87.604358 2.939625
10.657629 1.973813 -2014.424
0.50000 277.325364 -82.541858 3.263625
10.657629 1.818732 -2010.171
0.75000 277.325364 -77.479358 3.587625
10.657629 1.647450 -2006.170
1.00000 277.325364 -72.416858 3.911625
10.657629 1.459969 -2002.423

COMB SVO01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 417.795292 -91.721838 1.04E-14
3.56E-15 3.85E-13 -3077.086
0.25000 417.795292 -86.096838 9.75E-15
3.56E-15 3.85E-13 -3072.640
0.50000 417.795292 -80.471838 9.07E-15
3.56E-15 3.84E-13 -3068.476
0.75000 417.795292 -74.846838 8.39E-15
3.56E-15 3.84E-13 -3064.593
1.00000 417.795292 -69.221838 7.71E-15
3.56E-15 3.84E-13 -3060.991

COMB SVO01 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 417.795292 -91.721838 1.04E-14
3.56E-15 3.85E-13 -3077.086
0.25000 417.795292 -86.096838 9.75E-15
3.56E-15 3.85E-13 -3072.640
0.50000 417.795292 -80.471838 9.07E-15
3.56E-15 3.84E-13 -3068.476
0.75000 417.795292 -74.846838 8.39E-15
3.56E-15 3.84E-13 -3064.593
1.00000 417.795292 -69.221838 7.71E-15
3.56E-15 3.84E-13 -3060.991
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L F O R C E S

COMB SVO02 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.170848 -101.684052 1.18E-14
2.60E-15 2.81E-13 -2243.014
0.25000 308.170848 -96.059052 1.11E-14
2.60E-15 2.80E-13 -2238.071
0.50000 308.170848 -90.434052 1.05E-14
2.60E-15 2.80E-13 -2233.408
0.75000 308.170848 -84.809052 9.78E-15
2.60E-15 2.79E-13 -2229.027
1.00000 308.170848 -79.184052 9.10E-15
2.60E-15 2.79E-13 -2224.927

COMB SVO02 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.170848 -101.684052 1.18E-14
2.60E-15 2.81E-13 -2243.014
0.25000 308.170848 -96.059052 1.11E-14
2.60E-15 2.80E-13 -2238.071
0.50000 308.170848 -90.434052 1.05E-14
2.60E-15 2.80E-13 -2233.408
0.75000 308.170848 -84.809052 9.78E-15
2.60E-15 2.79E-13 -2229.027
1.00000 308.170848 -79.184052 9.10E-15
2.60E-15 2.79E-13 -2224.927

COMB SVO03 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 322.676945 985.242013 -1.20E-13
4.55E-15 2.60E-13 -2042.000
0.25000 322.676945 990.867013 -1.21E-13
4.55E-15 2.66E-13 -2091.402
0.50000 322.676945 996.492013 -1.21E-13
4.55E-15 2.72E-13 -2141.086
0.75000 322.676945 996.492013 -1.22E-13
4.55E-15 2.72E-13 -2141.086
1.00000 322.676945 1007.742 -1.23E-13
4.55E-15 2.84E-13 -2241.298

COMB SVO03 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 322.676945 985.242013 -1.20E-13
4.55E-15 2.60E-13 -2042.000
0.25000 322.676945 990.867013 -1.21E-13
4.55E-15 2.66E-13 -2091.402
0.50000 322.676945 996.492013 -1.21E-13
4.55E-15 2.72E-13 -2141.086
0.75000 322.676945 996.492013 -1.22E-13
4.55E-15 2.72E-13 -2141.086
1.00000 322.676945 1007.742 -1.23E-13
4.55E-15 2.84E-13 -2241.298

COMB SVO04 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 428.649052 597.703134 -7.33E-14
4.80E-15 3.72E-13 -2948.919
0.25000 428.649052 603.328134 -7.40E-14
4.80E-15 3.76E-13 -2978.945
0.50000 428.649052 608.953134 -7.47E-14
4.80E-15 3.79E-13 -3009.252
0.75000 428.649052 614.578134 -7.53E-14
4.80E-15 3.83E-13 -3039.840
1.00000 428.649052 620.203134 -7.60E-14
4.80E-15 3.87E-13 -3070.710

COMB SVO04 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 428.649052 597.703134 -7.33E-14
4.80E-15 3.72E-13 -2948.919
0.25000 428.649052 603.328134 -7.40E-14
4.80E-15 3.76E-13 -2978.945
0.50000 428.649052 608.953134 -7.47E-14
4.80E-15 3.79E-13 -3009.252
0.75000 428.649052 614.578134 -7.53E-14
4.80E-15 3.83E-13 -3039.840

1.00000 428.649052 620.203134 -7.60E-14
4.80E-15 3.87E-13 -3070.710
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COMB SVO05 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 319.024608 587.740921 -7.19E-14
3.84E-15 2.68E-13 -2114.848
0.25000 319.024608 593.365921 -7.26E-14
3.84E-15 2.71E-13 -2144.375
0.50000 319.024608 598.990921 -7.33E-14
3.84E-15 2.75E-13 -2174.184
0.75000 319.024608 604.615921 -7.39E-14
3.84E-15 2.79E-13 -2204.274
1.00000 319.024608 610.240921 -7.46E-14
3.84E-15 2.82E-13 -2234.646

COMB SVO05 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 319.024608 587.740921 -7.19E-14
3.84E-15 2.68E-13 -2114.848
0.25000 319.024608 593.365921 -7.26E-14
3.84E-15 2.71E-13 -2144.375
0.50000 319.024608 598.990921 -7.33E-14
3.84E-15 2.75E-13 -2174.184
0.75000 319.024608 604.615921 -7.39E-14
3.84E-15 2.79E-13 -2204.274
1.00000 319.024608 610.240921 -7.46E-14
3.84E-15 2.82E-13 -2234.646

COMB SVO06 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 350.406449 -94.286576 1.07E-14
3.97E-15 4.31E-13 -3441.152
0.25000 350.406449 -88.661576 9.98E-15
3.97E-15 4.31E-13 -3441.752
0.50000 350.406449 -83.036576 9.30E-15
3.97E-15 4.31E-13 -3432.886
0.75000 350.406449 -77.411576 8.62E-15
3.97E-15 4.30E-13 -3427.875
1.00000 350.406449 -71.786576 7.94E-15
3.97E-15 4.29E-13 -3425.145

COMB SVO06 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 350.406449 -94.286576 1.07E-14
3.97E-15 4.31E-13 -3441.152
0.25000 350.406449 -88.661576 9.98E-15
3.97E-15 4.31E-13 -3441.752
0.50000 350.406449 -83.036576 9.30E-15
3.97E-15 4.30E-13 -3432.886
0.75000 350.406449 -77.411576 8.62E-15
3.97E-15 4.30E-13 -3427.875
1.00000 350.406449 -71.786576 7.94E-15
3.97E-15 4.29E-13 -3425.145

COMB SVO07 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 417.795292 -91.721838 1.04E-14
3.56E-15 3.85E-13 -3077.086
0.25000 417.795292 -86.096838 9.75E-15
3.56E-15 3.85E-13 -3072.640
0.50000 417.795292 -80.471838 9.07E-15
3.56E-15 3.84E-13 -3068.476
0.75000 417.795292 -74.846838 8.39E-15
3.56E-15 3.84E-13 -3064.593
1.00000 417.795292 -69.221838 7.71E-15
3.56E-15 3.84E-13 -3060.991

COMB SVO07 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 417.795292 -91.721838 1.04E-14
3.56E-15 3.85E-13 -3077.086
0.25000 417.795292 -86.096838 9.75E-15
3.56E-15 3.85E-13 -3072.640
0.50000 417.795292 -80.471838 9.07E-15
3.56E-15 3.84E-13 -3068.476
0.75000 417.795292 -74.846838 8.39E-15
3.56E-15 3.84E-13 -3064.593
1.00000 417.795292 -69.221838 7.71E-15
3.56E-15 3.84E-13 -3060.991
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L F O R C E S

COMB SVO08 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 240.782005 -104.248790 1.21E-14
3.01E-15 3.27E-13 -2607.681
0.25000 240.782005 -98.623790 1.14E-14
3.01E-15 3.26E-13 -2602.609
0.50000 240.782005 -92.998790 1.07E-14
3.01E-15 3.25E-13 -2597.819
0.75000 240.782005 -87.373790 1.00E-14
3.01E-15 3.25E-13 -2593.309
1.00000 240.782005 -81.748790 9.33E-15
3.01E-15 3.24E-13 -2589.081

COMB SVO08 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 240.782005 -104.248790 1.21E-14
3.01E-15 3.27E-13 -2607.681
0.25000 240.782005 -98.623790 1.14E-14
3.01E-15 3.26E-13 -2602.609
0.50000 240.782005 -92.998790 1.07E-14
3.01E-15 3.25E-13 -2597.819
0.75000 240.782005 -87.373790 1.00E-14
3.01E-15 3.25E-13 -2593.309
1.00000 240.782005 -81.748790 9.33E-15
3.01E-15 3.24E-13 -2589.081

COMB SVO09 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.170848 -101.684052 1.18E-14
2.60E-15 2.81E-13 -2243.014
0.25000 308.170848 -96.059052 1.11E-14
2.60E-15 2.80E-13 -2238.071
0.50000 308.170848 -90.434052 1.05E-14
2.60E-15 2.80E-13 -

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

COMB SVO14 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	251.635765	585.176182				-7.17E-14
4.25E-15	3.13E-13	-2479.514				
0.25000	251.635765	590.801182				-7.24E-14
4.25E-15	3.17E-13	-2508.914				
0.50000	251.635765	596.426182				-7.30E-14
4.25E-15	3.20E-13	-2538.594				
0.75000	251.635765	602.051182				-7.37E-14
4.25E-15	3.24E-13	-2568.556				
1.00000	251.635765	607.676182				-7.44E-14
4.25E-15	3.28E-13	-2598.800				

COMB SVO14 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	251.635765	585.176182				-7.17E-14
4.25E-15	3.13E-13	-2479.514				
0.25000	251.635765	590.801182				-7.24E-14
4.25E-15	3.17E-13	-2508.914				
0.50000	251.635765	596.426182				-7.30E-14
4.25E-15	3.20E-13	-2538.594				
0.75000	251.635765	602.051182				-7.37E-14
4.25E-15	3.24E-13	-2568.556				
1.00000	251.635765	607.676182				-7.44E-14
4.25E-15	3.28E-13	-2598.800				

COMB SVO15 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	319.024608	587.740921				-7.19E-14
3.84E-15	2.68E-13	-2114.848				
0.25000	319.024608	593.365921				-7.26E-14
3.84E-15	2.71E-13	-2144.375				
0.50000	319.024608	598.990921				-7.33E-14
3.84E-15	2.75E-13	-2174.184				
0.75000	319.024608	604.615921				-7.39E-14
3.84E-15	2.79E-13	-2204.274				
1.00000	319.024608	610.240921				-7.46E-14
3.84E-15	2.82E-13	-2234.646				

COMB SVO15 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	319.024608	587.740921				-7.19E-14
3.84E-15	2.68E-13	-2114.848				
0.25000	319.024608	593.365921				-7.26E-14
3.84E-15	2.71E-13	-2144.375				
0.50000	319.024608	598.990921				-7.33E-14
3.84E-15	2.75E-13	-2174.184				
0.75000	319.024608	604.615921				-7.39E-14
3.84E-15	2.79E-13	-2204.274				
1.00000	319.024608	610.240921				-7.46E-14
3.84E-15	2.82E-13	-2234.646				

COMB SVO15 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	636.314657	-110.770508				1.24E-14
5.46E-15	5.90E-13	-4709.172				
0.25000	636.314657	-103.458008				1.15E-14
5.46E-15	5.89E-13	-4703.816				
0.50000	636.314657	-96.145508				1.06E-14
5.46E-15	5.89E-13	-4698.826				
0.75000	636.314657	-88.833008				9.72E-15
5.46E-15	5.88E-13	-4694.202				
1.00000	636.314657	-81.520508				8.84E-15
5.46E-15	5.88E-13	-4689.943				

COMB ULO01 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	636.314657	-110.770508				1.24E-14
5.46E-15	5.90E-13	-4709.172				
0.25000	636.314657	-103.458008				1.15E-14
5.46E-15	5.89E-13	-4703.816				
0.50000	636.314657	-96.145508				1.06E-14
5.46E-15	5.89E-13	-4698.826				
0.75000	636.314657	-88.833008				9.72E-15
5.46E-15	5.88E-13	-4694.202				
1.00000	636.314657	-81.520508				8.84E-15
5.46E-15	5.88E-13	-4689.943				

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COMB ULO02 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	400.622103	-132.189267				1.54E-14
3.38E-15	3.65E-13	-2915.919				
0.25000	400.622103	-124.876767				1.45E-14
3.38E-15	3.64E-13	-2909.492				
0.50000	400.622103	-117.564267				1.36E-14
3.38E-15	3.64E-13	-2903.431				
0.75000	400.622103	-110.251767				1.27E-14
3.38E-15	3.63E-13	-2897.735				
1.00000	400.622103	-102.939267				1.18E-14
3.38E-15	3.62E-13	-2892.406				

COMB ULO02 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	400.622103	-132.189267				1.54E-14
3.38E-15	3.65E-13	-2915.919				
0.25000	400.622103	-124.876767				1.45E-14
3.38E-15	3.64E-13	-2909.492				
0.50000	400.622103	-117.564267				1.36E-14
3.38E-15	3.64E-13	-2903.431				
0.75000	400.622103	-110.251767				1.27E-14
3.38E-15	3.63E-13	-2897.735				
1.00000	400.622103	-102.939267				1.18E-14
3.38E-15	3.62E-13	-2892.406				

COMB ULO03 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	419.480028	1280.815				-1.56E-13
5.92E-15	3.38E-13	-2654.599				
0.25000	419.480028	1288.127				-1.57E-13
5.92E-15	3.46E-13	-2718.823				
0.50000	419.480028	1295.440				-1.58E-13
5.92E-15	3.54E-13	-2799.492				
0.75000	419.480028	1302.752				-1.59E-13
5.92E-15	3.62E-13	-2848.367				
1.00000	419.480028	1310.065				-1.60E-13
5.92E-15	3.70E-13	-2913.687				

F R A M E E L E M E N T I N T E R N A

COMB ULO03 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	419.480028	1280.815				-1.56E-13
5.92E-15	3.38E-13	-2654.599				
0.25000	419.480028	1288.127				-1.57E-13
5.92E-15	3.46E-13	-2718.823				
0.50000	419.480028	1295.440				-1.58E-13
5.92E-15	3.54E-13	-2799.492				
0.75000	419.480028	1302.752				-1.59E-13
5.92E-15	3.62E-13	-2848.367				
1.00000	419.480028	1310.065				-1.60E-13
5.92E-15	3.70E-13	-2913.687				

COMB ULO04 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	557.243768	777.014075				-9.53E-14
6.25E-15	4.84E-13	-3833.595				
0.25000	557.243768	784.326575				-9.62E-14
6.25E-15	4.89E-13	-3872.628				
0.50000	557.243768	791.639075				-9.71E-14
6.25E-15	4.93E-13	-3912.027				
0.75000	557.243768	798.951575				-9.79E-14
6.25E-15	4.98E-13	-3951.792				
1.00000	557.243768	806.264075				-9.88E-14
6.25E-15	5.03E-13	-3991.922				

COMB ULO04 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	557.243768	777.014075				-9.53E-14
6.25E-15	4.84E-13	-3833.595				
0.25000	557.243768	784.326575				-9.62E-14
6.25E-15	4.89E-13	-3872.628				
0.50000	557.243768	791.639075				-9.71E-14
6.25E-15	4.93E-13	-3912.027				
0.75000	557.243768	798.951575				-9.79E-14
6.25E-15	4.98E-13	-3951.792				
1.00000	557.243768	806.264075				-9.88E-14
6.25E-15	5.03E-13	-3991.922				

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COMB ULO05 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	414.731991	764.063197				-9.35E-14
4.99E-15	3.48E-13	-2749.302				
0.25000	414.731991	771.375697				-9.44E-14
4.99E-15	3.53E-13	-2787.688				
0.50000	414.731991	778.688197				-9.52E-14
4.99E-15	3.57E-13	-2826.439				
0.75000	414.731991	786.000697				-9.61E-14
4.99E-15	3.62E-13	-2865.557				
1.00000	414.731991	793.313197				-9.70E-14
4.99E-15	3.67E-13	-2905.040				

COMB ULO05 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	414.731991	764.063197				-9.35E-14
4.99E-15	3.48E-13	-2749.302				
0.25000	414.731991	771.375697				-9.44E-14
4.99E-15	3.53E-13	-2787.688				
0.50000	414.731991	778.688197				-9.52E-14
4.99E-15	3.57E-13	-2826.439				
0.75000	414.731991	786.000697				-9.61E-14
4.99E-15	3.62E-13	-2865.557				
1.00000	414.731991	793.313197				-9.70E-14
4.99E-15	3.67E-13	-2905.040				

COMB ULO06 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	455.528384	-122.572549				1.39E-14
5.17E-15	5.60E-13	-4474.278				
0.25000	455.528384	-115.260049				1.30E-14
5.17E-15	5.60E-13	-4468.332				
0.50000	455.528384	-107.947549				1.21E-14
5.17E-15	5.59E-13	-4462.752				
0.75000	455.528384	-100.635049				1.12E-14
5.17E-15	5.58E-13	-4457.537				
1.00000	455.528384	-93.322549				1.03E-14
5.17E-15	5.58E-13	-4452.688				

COMB ULO06 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	455.528384	-122.572549				1.39E-14
5.17E-15	5.60E-13	-4474.278				
0.25000	455.528384	-115.260049				1.30E-14
5.17E-15	5.60E-13	-4468.332				
0.50000	455.528384	-107.947549				1.21E-14
5.17E-15	5.59E-13	-4462.752				
0.75000	455.528384	-100.635049				1.12E-14
5.17E-15	5.58E-13	-4457.537				
1.00000	455.528384	-93.322549				1.03E-14
5.17E-15	5.58E-13	-4452.688				

				55000 327.038240 1328.579 -1.62E-13				0.50000 220.574818 -93.384475 1.07E-14				COMB UEO13 ----- MAX			
4.63E-15 543.133880 -119.238389 1.36E-14				5.14E-15 2.78E-13 -2179.644				3.13E-15 3.39E-13 -2707.107							
4.63E-15 5.01E-13 -4000.211				1.00000 327.038240 1334.204 -1.63E-13				0.75000 220.574818 -87.759475 1.00E-14				REL DIST T P M2 M3 V2 V3			
0.25000 543.133880 -111.925889 1.27E-14				5.14E-15 2.86E-13 -2246.213				3.13E-15 3.39E-13 -2702.579							
4.63E-15 5.00E-13 -3994.432								1.00000 220.574818 -82.134475 9.35E-15				0.00000 443.369527 778.017871 -9.52E-14			
0.50000 543.133880 -104.613389 1.18E-14				COMB UEO04 ----- MAX								5.23E-15 3.81E-13 -3013.172			
4.63E-15 5.00E-13 -3989.019												0.25000 443.369527 783.361621 -9.59E-14			
0.75000 543.133880 -97.300889 1.09E-14				REL DIST T P M2 M3 V2 V3				COMB UEO08 ----- MIN				0.50000 443.369527 788.705371 -9.65E-14			
1.00000 543.133880 -89.988389 1.00E-14				0.00000 464.801980 807.903027 -9.89E-14				REL DIST T P M2 M3 V2 V3				5.23E-15 3.90E-13 -3091.508			
4.63E-15 4.99E-13 -3979.289				5.47E-15 3.99E-13 -3160.618				0.00000 220.574818 -104.634475 1.21E-14				0.75000 443.369527 794.049121 -9.72E-14			
COMB ULO17 ----- MIN				0.25000 464.801980 813.528027 -9.96E-14				3.13E-15 3.40E-13 -2717.908				5.23E-15 3.95E-13 -3131.077			
REL DIST T P M2 M3 V2 V3				0.50000 464.801980 819.153027 -1.00E-13				0.25000 220.574818 -99.009475 1.14E-14				1.00000 443.369527 799.392871 -9.78E-14			
0.00000 543.133880 -119.238389 1.36E-14				5.47E-15 4.09E-13 -3241.970				3.13E-15 3.40E-13 -2711.917				5.23E-15 4.00E-13 -3170.913			
4.63E-15 5.01E-13 -4000.211				0.75000 464.801980 824.778027 -1.01E-13				0.50000 220.574818 -93.384475 1.07E-14				COMB UEO13 ----- MIN			
0.25000 543.133880 -111.925889 1.27E-14				5.47E-15 4.14E-13 -3283.069				3.13E-15 3.39E-13 -2707.107				REL DIST T P M2 M3 V2 V3			
4.63E-15 5.00E-13 -3994.432				1.00000 464.801980 830.403027 -1.02E-13				0.75000 220.574818 -87.759475 1.00E-14				5.23E-15 3.81E-13 -3013.172			
0.50000 543.133880 -104.613389 1.18E-14				5.47E-15 4.19E-13 -3324.448				3.13E-15 3.39E-13 -2702.579				0.25000 443.369527 783.361621 -9.59E-14			
4.63E-15 5.00E-13 -3989.019				COMB UEO04 ----- MIN								5.23E-15 3.86E-13 -3052.206			
0.75000 543.133880 -97.300889 1.09E-14				REL DIST T P M2 M3 V2 V3				COMB UEO09 ----- MAX				0.50000 443.369527 788.705371 -9.65E-14			
1.00000 543.133880 -89.988389 1.00E-14				0.00000 464.801980 807.903027 -9.89E-14				REL DIST T P M2 M3 V2 V3				0.75000 443.369527 794.049121 -9.72E-14			
4.63E-15 4.99E-13 -3979.289				5.47E-15 3.99E-13 -3160.618				0.00000 308.180315 -101.300315 1.18E-14				5.23E-15 3.95E-13 -3131.077			
COMB ULO18 ----- MAX				0.25000 464.801980 813.528027 -9.96E-14				2.60E-15 2.81E-13 -2242.942				1.00000 443.369527 799.392871 -9.78E-14			
REL DIST T P M2 M3 V2 V3				0.50000 464.801980 819.153027 -1.00E-13				0.25000 308.180315 -95.675315 1.11E-14				5.23E-15 4.00E-13 -3170.913			
0.00000 387.212334 1182.290 -1.44E-13				5.47E-15 4.09E-13 -3241.970				0.50000 308.180315 -90.050315 1.04E-14				Program SAP2000 Nonlinear Version 7.42			
5.46E-15 3.12E-13 -2450.399				0.75000 464.801980 824.778027 -1.01E-13				2.60E-15 2.80E-13 -2233.374				File:청도1교상행_P9_본세.OUT			
0.25000 387.212334 1189.040 -1.45E-13				5.47E-15 4.14E-13 -3283.069				0.75000 308.180315 -84.425315 9.73E-15							
5.46E-15 3.19E-13 -2509.683				1.00000 464.801980 830.403027 -1.02E-13				2.60E-15 2.79E-13 -2229.012							
0.50000 387.212334 1195.790 -1.46E-13				5.47E-15 4.19E-13 -3324.448				1.00000 308.180315 -78.800315 9.05E-15							
5.46E-15 3.27E-13 -2569.304				Program SAP2000 Nonlinear Version 7.42				2.60E-15 2.79E-13 -2224.931							
0.75000 387.212334 1202.540 -1.47E-13				File:청도1교상행_P9_본세.OUT				COMB UEO09 ----- MIN				Page 505			
5.46E-15 3.34E-13 -2629.262												: AAbutPier SAP2000 6-7 데이라파일 : 교각 본체			
1.00000 387.212334 1209.290 -1.47E-13															
5.46E-15 3.41E-13 -2689.558															
COMB ULO18 ----- MIN				REL DIST T P M2 M3 V2 V3				COMB UEO14 ----- MAX				REL DIST T P M2 M3 V2 V3			
REL DIST T P M2 M3 V2 V3				0.00000 387.212334 1182.290 -1.44E-13				0.00000 308.180315 -101.300315 1.18E-14				0.00000 222.102918 762.359180 -9.32E-14			
5.46E-15 3.12E-13 -2450.399				5.46E-15 3.19E-13 -2509.683				2.60E-15 2.80E-13 -2233.374				4.35E-15 3.07E-13 -2426.416			
0.25000 387.212334 1189.040 -1.45E-13				0.50000 387.212334 1195.790 -1.46E-13				0.50000 308.180315 -90.050315 1.04E-14				0.25000 222.102918 767.702930 -9.38E-14			
5.46E-15 3.19E-13 -2509.683				5.46E-15 3.27E-13 -2569.304				2.60E-15 2.80E-13 -2233.374				4.35E-15 3.12E-13 -2464.667			
0.50000 387.212334 1195.790 -1.46E-13				0.75000 387.212334 1202.540 -1.47E-13				0.75000 308.180315 -84.425315 9.73E-15				0.50000 222.102918 773.046680 -9.45E-14			
5.46E-15 3.27E-13 -2569.304				5.46E-15 3.34E-13 -2629.262				2.60E-15 2.79E-13 -2229.012				0.50000 308.180315 -78.800315 9.05E-15			
0.75000 387.212334 1202.540 -1.47E-13				5.46E-15 3.41E-13 -2689.558				2.60E-15 2.79E-13 -2224.931				0.75000 222.102918 783.361621 -9.51E-14			
5.46E-15 3.34E-13 -2629.262												4.35E-15 3.12E-13 -2541.972			
1.00000 387.212334 1209.290 -1.47E-13												1.00000 222.102918 783.361621 -9.58E-14			
5.46E-15 3.41E-13 -2689.558												4.35E-15 3.26E-13 -2581.025			
COMB ULO18 ----- MIN				REL DIST T P M2 M3 V2 V3				COMB UEO10 ----- MAX				COMB UEO14 ----- MIN			
REL DIST T P M2 M3 V2 V3				0.00000 387.212334 1182.290 -1.44E-13				REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3			
5.46E-15 3.12E-13 -2450.399				5.46E-15 3.19E-13 -2509.683				5.42E-15 2.98E-13 -2335.356				0.00000 222.102918 762.359180 -9.32E-14			
0.25000 387.212334 1189.040 -1.45E-13				0.50000 387.212334 1195.790 -1.46E-13				5.42E-15 3.06E-13 -2396.451				4.35E-15 3.07E-13 -2426.416			
5.46E-15 3.19E-13 -2509.683				5.46E-15 3.27E-13 -2569.304				0.50000 226.668339 1269.923 -1.55E-13				0.25000 222.102918 767.702930 -9.38E-14			
0.50000 387.212334 1195.790 -1.46E-13				5.46E-15 3.34E-13 -2629.262				5.42E-15 3.13E-13 -2461.814				4.35E-15 3.12E-13 -2464.667			
5.46E-15 3.27E-13 -2569.304				5.46E-15 3.41E-13 -2689.558				5.42E-15 3.21E-13 -2525.444				0.50000 222.102918 773.046680 -9.45E-14			
0.75000 387.212334 1202.540 -1.47E-13								1.00000 226.668339 1280.611 -1.56E-13				4.35E-15 3.17E-13 -2503.186			
5.46E-15 3.34E-13 -2629.262								5.42E-15 3.29E-13 -2589.340				0.75000 222.102918 778.390430 -9.51E-14			
1.00000 387.212334 1209.290 -1.47E-13								Program SAP2000 Nonlinear Version 7.42				1.00000 222.102918 783.361621 -9.58E-14			
5.46E-15 3.41E-13 -2689.558								File:청도1교상행_P9_본세.OUT				4.35E-15 3.26E-13 -2581.025			
COMB UEO01 ----- MAX				REL DIST T P M2 M3 V2 V3				COMB UEO10 ----- MIN				COMB UEO15 ----- MAX			
REL DIST T P M2 M3 V2 V3				0.00000 543.872869 -79.881555 8.79E-15				REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3			
4.68E-15 5.06E-13 -4036.195				4.68E-15 5.06E-13 -4036.195				5.42E-15 2.98E-13 -2335.356				0.00000 222.102918 762.359180 -9.32E-14			
0.25000 543.872869 -74.256555 8.11E-15				4.68E-15 5.05E-13 -4032.341				5.42E-15 3.06E-13 -2396.451				4.35E-15 3.07E-13 -2426.416			
4.68E-15 5.05E-13 -4032.341				4.68E-15 5.04E-13 -4028.478				5.42E-15 3.13E-13 -2461.814				0.25000 222.102918 767.702930 -9.38E-14			
4.68E-15 5.04E-13 -4028.478				4.68E-15 5.05E-13 -4032.341				5.42E-15 3.21E-13 -2525.444				4.35E-15 3.12E-13 -2464.667			
0.50000 543.872869 -68.631555 7.42E-15				4.68E-15 5.04E-13 -4028.478				5.42E-15 3.29E-13 -2589.340				0.50000 222.102918 773.046680 -9.45E-14			
4.68E-15 5.05E-13 -4032.341				4.68E-15 5.04E-13 -4028.478				1.00000 226.668339 1280.611 -1.56E-13				4.35E-15 3.17E-13 -2503.186			
4.68E-15 5.04E-13 -4028.478				4.68E-15 5.05E-13 -4032.341				Program SAP2000 Nonlinear Version 7.42				0.75000 222.102918 778.390430 -9.51E-14			
0.75000 543.872869 -63.006555 6.74E-15				4.68E-15 5.04E-13 -4028.478				5.42E-15 3.29E-13 -2589.340				1.00000 222.102918 783.361621 -9.58E-14			
4.68E-15 5.04E-13 -4028.478				4.68E-15 5.05E-13 -4032.341				File:청도1교상행_P9_본세.OUT				4.35E-15 3.26E-13 -2581.025			
1.00000 543.872869 -57.381555 6.06E-15				4.68E-15 5.04E-13 -4028.478											
4.68E-15 5.04E-13 -4028.478				4.68E-15 5.05E-13 -4032.341											
Program SAP2000 Nonlinear Version 7.42															
File:청도1교상행_P9_본세.OUT															
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F R A M E E L E M E N T I N T E R N A L F O R C E S				F R A M E E L E M E N T I N T E R N A L F O R C E S				F R A M E E L E M E N T I N T E R N A L F O R C E S				F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB UEO02 ----- MAX				COMB UEO02 ----- MAX				COMB UEO11 ----- MAX				COMB UEO16 ----- MAX			
REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3			
0.00000 308.180315 -101.300315 1.18E-14				0.00000 308.180315 -101.300315 1.18E-14				0.00000 310.904393 1262.441 -1.54E-13				0.00000 308.170848 -101.684052 1.18E-14			
2.60E-15 2.80E-13 -2233.374				2.60E-15 2.80E-13 -2233.374				4.91E-15 2.41E-13 -1879.522				2.60E-15 2.81E-13 -2243.014			
0.25000 308.180315 -95.675315 1.11E-14				0.25000 308.180315 -95.675315 1.11E-14				0.25000 310.904393 1267.785 -1.54E-13				0.25000 308.170848 -96.059052 1.11E-14			
2.60E-15 2.80E-13 -2233.374				2.60E-15 2.80E-13 -2233.374				4.91E-15 2.49E-13 -1942.778				2.60E-15 2.80E-13 -2233.374			
0.50000 308.180315 -90.050315 1.04E-14				0.50000 308.180315 -90.050315 1.04E-14				0.50000 310.904393 1273.129 -1.55E-13				0.50000 308.170848 -90.434052 1.05E-14			
2.60E-15 2.80E-13 -2233.374				2.60E-15 2.80E-13 -2233.374				4.91E-15 2.56E-13 -2006.301 -1.56E-13				2.60E-15 2.80E-13 -2233.374			
0.75000 308.180315 -84.425315 9.73E-15				0.75000 308.180315 -84.425315 9.73E-15				0.75000 310.904393 1278.473 -1.56E-13				0.75000 308.170848 -84.809052 9.78E-15			
2.60E-15 2.79E-13 -2229.012				2.60E-15 2.79E-13 -2229.012				4.91E-15 2.64E-13 -2070.091 -1.56E-13				2.60E-15 2.79E-13 -2229.012			
1.00000 308.180315 -78.800315 9.05E-15				1.00000 308.180315 -78.800315 9.05E-15				1.00000 310.904393 1283.816 -1.56E-13				1.00000 308.170848 -79.184052 9.10E-15			
2.60E-15 2.79E-13 -2224.931				2.60E-15 2.79E-13 -2224.931				4.91E-15 2.72E-13 -2134.148				2.60E-15 2.79E-13 -2224.927			
COMB UEO02 ----- MIN				COMB UEO02 ----- MIN				COMB UEO11 ----- MIN				COMB UEO16 ----- MIN			
REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3				REL DIST T P M2 M3 V2 V3			
0.00000 308.180315 -101.300315 1.18E-14				0.00000 308.180315 -101.300315 1.18E-14				0.00000 310.904393 1262.441 -1.54E-13				0.00000 308.170848 -101.684052 1.18E-14			
2.60E-15 2.81E-13 -2242.942				2.60E-15 2.81E-13 -2242.942				4.91E-15 2.41E-13 -1879.522				2.60E-15 2.81E-13 -2243.014			
0.25000 308.180315 -95.675315 1.11E-14				0.25000 308.180315 -95.675315 1.11E-14				0.25000 310.904393 1267.785 -1.54E-13				0.25000 308.170848 -96.059052 1.11E-14			
2.60E-15 2.80E-13 -2233.374				2.60E-15 2.80E-13 -2233.374				4.91E-15 2.49E-13 -1942.778				2.60E-15 2.80E-13 -2233.374			
0.50000 308.180315 -90.050315 1.04E-14				0.50000 308.180315 -90.050315 1.04E-14				0.50000 310.904393 1273.129 -1.55E-13				0.50000 308.170848 -90.434052 1.05E-14			
2.60E-15 2.80E-13 -2233.374				2.60E-15 2.80E-13 -2233.374				4.91E-15 2.56E-13 -2006.301 -1.56E-13				2.60E-15 2.80E-13 -2233.374			
0.75000 308.180315 -84.425315 9.73E-15				0.75000 308.180315 -84.425315 9.73E-15				0.75000 310.904393 1278.473 -1.56E-13				0.75000 308			

3.86E-15 4.15E-13 -3311.814
COMB UEO17 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 450.692092 -88.349437 9.97E-15
3.86E-15 4.17E-13 -3327.234
0.25000 450.692092 -82.724437 9.29E-15
3.86E-15 4.15E-13 -332.957
0.50000 450.692092 -77.099437 8.61E-15
3.86E-15 4.16E-13 -3318.962
0.75000 450.692092 -71.474437 7.93E-15
3.86E-15 4.15E-13 -3315.247
1.00000 450.692092 -65.849437 7.24E-15
3.86E-15 4.15E-13 -3311.814

COMB UEO18 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 294.770546 1213.179 -1.48E-13
4.68E-15 2.28E-13 -1777.422 -1.48E-13
0.25000 294.770546 1218.242 -1.48E-13
4.68E-15 2.35E-13 -1838.208 -1.48E-13
0.50000 294.770546 1223.304 -1.49E-13
4.68E-15 2.43E-13 -1899.247 -1.50E-13
0.75000 294.770546 1228.367 -1.50E-13
4.68E-15 2.50E-13 -1960.538 -1.50E-13
1.00000 294.770546 1233.429 -1.50E-13
4.68E-15 2.58E-13 -2022.083

COMB UEO18 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 294.770546 1213.179 -1.48E-13
4.68E-15 2.28E-13 -1777.422 -1.48E-13
0.25000 294.770546 1218.242 -1.48E-13
4.68E-15 2.35E-13 -1838.208 -1.48E-13
0.50000 294.770546 1223.304 -1.49E-13
4.68E-15 2.43E-13 -1899.247 -1.50E-13
0.75000 294.770546 1228.367 -1.50E-13
4.68E-15 2.50E-13 -1960.538 -1.50E-13
1.00000 294.770546 1233.429 -1.50E-13
4.68E-15 2.58E-13 -2022.083

COMB ENVBULT ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 636.273637 -112.433368 1.26E-14
5.45E-15 5.90E-13 -4709.487 1.17E-14
0.25000 636.273637 -105.120868 1.17E-14
5.45E-15 5.89E-13 -4704.048 1.08E-14
0.50000 636.273637 -97.808368 1.08E-14
5.45E-15 5.89E-13 -4698.975 9.93E-15
0.75000 636.273637 -90.495868 9.93E-15
5.45E-15 5.88E-13 -4694.267 9.04E-15
1.00000 636.273637 -83.183368 9.04E-15
5.45E-15 5.88E-13 -4689.925

COMB ENVBULT ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 636.273637 -112.433368 1.26E-14
5.45E-15 5.90E-13 -4709.487 1.17E-14
0.25000 636.273637 -105.120868 1.17E-14
5.45E-15 5.89E-13 -4704.048 1.08E-14
0.50000 636.273637 -97.808368 1.08E-14
5.45E-15 5.89E-13 -4698.975 9.93E-15
0.75000 636.273637 -90.495868 9.93E-15
5.45E-15 5.88E-13 -4694.267 9.04E-15
1.00000 636.273637 -83.183368 9.04E-15
5.45E-15 5.88E-13 -4689.925
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FRAME ELEMENT INTERNAL FORCES

COMB ENVBECCE ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 543.831848 -81.544416 1.20E-14
4.68E-15 5.06E-13 -2243.257 1.13E-14
0.25000 543.831848 -75.919416 1.13E-14
4.68E-15 5.05E-13 -2238.249 1.06E-14
0.50000 543.831848 -70.294416 1.06E-14
4.68E-15 5.05E-13 -2233.523 9.93E-15
0.75000 543.831848 -64.669416 9.93E-15
4.68E-15 5.04E-13 -2229.078 9.25E-15
1.00000 543.831848 -59.049416 9.25E-15
4.68E-15 5.04E-13 -2224.914

COMB ENVBECCE ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -102.963175 8.99E-15
2.59E-15 2.81E-13 -4036.510 8.31E-15
0.25000 308.139294 -97.338175 8.31E-15
2.59E-15 2.80E-13 -4032.573 7.63E-15
0.50000 308.139294 -91.713175 7.63E-15
2.59E-15 2.80E-13 -4028.918 6.95E-15
0.75000 308.139294 -86.088175 6.95E-15
2.59E-15 2.79E-13 -4025.544 6.26E-15
1.00000 308.139294 -80.463175 6.26E-15
2.59E-15 2.79E-13 -4022.451

COMB ENVOULT ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 636.314657 -110.770508 1.24E-14
5.46E-15 5.90E-13 -4709.172 1.15E-14
0.25000 636.314657 -103.458008 1.15E-14
5.46E-15 5.89E-13 -4703.816 1.06E-14
0.50000 636.314657 -96.145508 1.06E-14
5.46E-15 5.89E-13 -4698.826 9.72E-15
0.75000 636.314657 -88.833008 9.72E-15
5.46E-15 5.88E-13 -4694.202 8.84E-15
1.00000 636.314657 -81.520508 8.84E-15
5.46E-15 5.88E-13 -4689.943

COMB ENVOULT ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 636.314657 -110.770508 1.24E-14
5.46E-15 5.90E-13 -4709.172 1.15E-14
0.25000 636.314657 -103.458008 1.15E-14
5.46E-15 5.89E-13 -4703.816 1.06E-14
0.50000 636.314657 -96.145508 1.06E-14
5.46E-15 5.89E-13 -4698.826 9.72E-15
0.75000 636.314657 -88.833008 9.72E-15
5.46E-15 5.88E-13 -4694.202 8.84E-15
1.00000 636.314657 -81.520508 8.84E-15
5.46E-15 5.88E-13 -4689.943

COMB ENVOECC ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 543.872869 -79.881555 1.18E-14

4.68E-15 5.06E-13 -2242.942
0.25000 543.872869 -74.256555 1.11E-14
4.68E-15 5.05E-13 -2238.017 1.04E-14
0.50000 543.872869 -68.631555 9.73E-15
4.68E-15 5.05E-13 -2233.374 9.05E-15
1.00000 543.872869 -57.381555 9.05E-15
4.68E-15 5.04E-13 -2224.931

COMB ENVOECC ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 308.180315 -101.300315 8.79E-15
2.60E-15 2.81E-13 -4036.195 8.11E-15
0.25000 308.180315 -95.675315 8.11E-15
2.60E-15 2.80E-13 -4032.341 7.42E-15
0.50000 308.180315 -90.050315 7.42E-15
2.60E-15 2.80E-13 -4028.769 6.74E-15
0.75000 308.180315 -84.425315 6.74E-15
2.60E-15 2.79E-13 -4025.478 6.06E-15
1.00000 308.180315 -78.800315 6.06E-15
2.60E-15 2.79E-13 -4022.469
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FRAME ELEMENT INTERNAL FORCES

ELEM 10 ----- LENGTH =
0.500000
LOAD D -----
REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -80.463175 9.25E-15
2.59E-15 2.79E-13 -4022.914 7.55E-15
0.25000 308.139294 -66.400675 7.55E-15
2.59E-15 2.78E-13 -4021.735 5.85E-15
0.50000 308.139294 -52.338175 5.85E-15
2.59E-15 2.77E-13 -4020.314 4.14E-15
0.75000 308.139294 -38.275675 4.14E-15
2.59E-15 2.76E-13 -4020.650 2.44E-15
1.00000 308.139294 -24.213175 2.44E-15
2.59E-15 2.76E-13 -2198.745

LOAD L1 -----
REL DIST T P M2 M3 V2 V3
0.00000 109.624444 9.962214 -1.39E-15
9.68E-16 1.05E-13 -836.063726 -1.39E-15
0.25000 109.624444 9.962214 -1.39E-15
9.68E-16 1.05E-13 -837.309003 -1.39E-15
0.50000 109.624444 9.962214 -1.39E-15
9.68E-16 1.05E-13 -838.554279 -1.39E-15
0.75000 109.624444 9.962214 -1.39E-15
9.68E-16 1.05E-13 -839.799556 -1.39E-15
1.00000 109.624444 9.962214 -1.39E-15
9.68E-16 1.05E-13 -841.044833 -1.39E-15

LOAD W-L0 -----
REL DIST T P M2 M3 V2 V3
0.00000 1.14E-17 3.87E-16 3.259688
8.881358 1.216641 2.36E-16 3.934688
0.25000 1.14E-17 4.69E-16 4.609688
8.881358 0.766993 1.83E-16 4.609688
0.50000 1.14E-17 5.51E-16 4.609688
8.881358 0.232969 1.19E-16 5.284688
0.75000 1.14E-17 6.33E-16 5.284688
8.881358 -0.385429 4.49E-17 5.959688
1.00000 1.14E-17 7.14E-16 5.959688
8.881358 -1.089203 -3.93E-17

LOAD G-LO2 -----
REL DIST T P M2 M3 V2 V3
0.00000 4.99E-16 1.16E-15 10.531105
80.457134 -213.997772 -2.21E-14 10.531105
0.25000 4.99E-16 1.16E-15 10.531105
80.457134 -215.314160 -2.22E-14 10.531105
0.50000 4.99E-16 1.16E-15 10.531105
80.457134 -216.630548 -2.23E-14 10.531105
0.75000 4.99E-16 1.16E-15 10.531105
80.457134 -217.946936 -2.25E-14 10.531105
1.00000 4.99E-16 1.16E-15 10.531105
80.457134 -219.263325 -2.26E-14

LOAD E-L0 -----
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 0.00000 0.00000
0.25000 0.00000 0.00000 0.00000
0.50000 0.00000 0.00000 0.00000
0.75000 0.00000 0.00000 0.00000
1.00000 0.00000 0.00000 0.00000
0.25000 0.00000 0.00000 0.00000
0.50000 0.00000 0.00000 0.00000
0.75000 0.00000 0.00000 0.00000
1.00000 0.00000 0.00000 0.00000

LOAD W-TR -----
REL DIST T P M2 M3 V2 V3
0.00000 14.506097 1086.926 -1.32E-13
1.96E-15 5.59E-15 -16.370503 -1.32E-13
0.25000 14.506097 1086.926 -1.32E-13
1.96E-15 2.21E-14 -152.236261 -1.32E-13
0.50000 14.506097 1086.926 -1.32E-13
1.96E-15 3.66E-14 -288.102020 -1.32E-13
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REL DIST T P M2 M3 V2 V3
0.75000 14.506097 1086.926 -1.32E-13
1.96E-15 5.51E-14 -423.967778 -1.32E-13
1.00000 14.506097 1086.926 -1.32E-13
1.96E-15 7.16E-14 -559.833536
LOAD WL -----
REL DIST T P M2 M3 V2 V3
0.00000 3.600712 145.961940 -1.77E-14
2.62E-16 6.68E-16 1.533108 -1.77E-14
0.25000 3.600712 145.961940 -1.77E-14
2.62E-16 2.88E-15 -19.778351 -1.77E-14
0.50000 3.600712 145.961940 -1.77E-14
2.62E-16 5.10E-15 -38.023593 -1.77E-14
0.75000 3.600712 145.961940 -1.77E-14
2.62E-16 7.32E-15 -56.268836

1.00000 3.600712 145.961940 -1.77E-14
2.62E-16 9.53E-15 -74.514078
LOAD G-TR -----
REL DIST T P M2 M3 V2 V3
0.00000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.56E-14 -364.153755 2.33E-16
0.25000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.56E-14 -363.833163 2.33E-16
0.50000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.56E-14 -363.512571 2.33E-16
0.75000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.55E-14 -363.191978 2.33E-16
1.00000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.55E-14 -362.871386

LOAD E-TR -----
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 0.00000 0.00000
0.25000 0.00000 0.00000 0.00000
0.50000 0.00000 0.00000 0.00000
0.75000 0.00000 0.00000 0.00000
1.00000 0.00000 0.00000 0.00000
0.25000 0.00000 0.00000 0.00000
0.50000 0.00000 0.00000 0.00000
0.75000 0.00000 0.00000 0.00000
1.00000 0.00000 0.00000 0.00000
0.25000 0.00000 0.00000 0.00000
0.50000 0.00000 0.00000 0.00000
0.75000 0.00000 0.00000 0.00000
1.00000 0.00000 0.00000 0.00000

LOAD Q1-TR -----
REL DIST T P M2 M3 V2 V3
0.00000 0.031554 1.279124 -1.55E-16
2.29E-18 5.85E-19 -0.013435 -1.55E-16
0.25000 0.031554 1.279124 -1.55E-16
2.29E-18 5.85E-17 -0.173326 -1.55E-16
0.50000 0.031554 1.279124 -1.55E-16
2.29E-18 4.47E-17 -0.333216 -1.55E-16
0.75000 0.031554 1.279124 -1.55E-16
2.29E-18 6.41E-17 -0.493107 -1.55E-16
1.00000 0.031554 1.279124 -1.55E-16
2.29E-18 8.35E-17 -0.652997

LOAD COL-TR -----
REL DIST T P M2 M3 V2 V3
0.00000 0.073804 2.991805 -3.63E-16
5.37E-18 1.37E-17 -0.031424 -3.63E-16
0.25000 0.073804 2.991805 -3.63E-16
5.37E-18 5.91E-17 -0.405400 -3.63E-16
0.50000 0.073804 2.991805 -3.63E-16
5.37E-18 1.05E-16 -0.778375 -3.63E-16
0.75000 0.073804 2.991805 -3.63E-16
5.37E-18 1.50E-16 -1.153351 -3.63E-16
1.00000 0.073804 2.991805 -3.63E-16
5.37E-18 1.95E-16 -1.527327

COMB SVB01 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -70.500962 7.86E-15
3.56E-15 3.84E-13 -3060.978 7.86E-15
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REL DIST T P M2 M3 V2 V3
0.25000 417.763738 -56.438462 6.16E-15
3.56E-15 3.83E-13 -3053.044 6.16E-15
0.50000 417.763738 -42.375962 4.46E-15
3.56E-15 3.82E-13 -3046.868 4.46E-15
0.75000 417.763738 -28.313462 2.75E-15
3.56E-15 3.82E-13 -3042.450 2.75E-15
1.00000 417.763738 -14.250962 1.05E-15
3.56E-15 3.81E-13 -3039.790

COMB SVB02 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -70.500962 7.86E-15
3.56E-15 3.84E-13 -3060.978 7.86E-15
0.25000 417.763738 -56.438462 6.16E-15
3.56E-15 3.83E-13 -3053.044 6.16E-15
0.50000 417.763738 -42.375962 4.46E-15
3.56E-15 3.82E-13 -3046.868 4.46E-15
0.75000 417.763738 -28.313462 2.75E-15
3.56E-15 3.82E-13 -3042.450 2.75E-15
1.00000 417.763738 -14.250962 1.05E-15
3.56E-15 3.81E-13 -3039.790

COMB SVB02 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -80.463175 9.25E-15
2.59E-15 2.79E-13 -4022.914 7.55E-15
0.25000 308.139294 -66.400675 7.55E-15
2.59E-15 2.78E-13 -4021.735 5.85E-15
0.50000 308.139294 -52.338175 5.85E-15
2.59E-15 2.77E-13 -4020.314 4.14E-15
0.75000 308.139294 -38.275675 4.14E-15
2.59E-15 2.76E-13 -4020.650 2.44E-15
1.00000 308.139294 -24.213175 2.44E-15
2.59E-15 2.76E-13 -2198.745

COMB SVB02 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -80.463175 9.25E-15
2.59E-15 2.79E-13 -4022.914 7.55E-15
0.25000 308.139294 -66.400675 7.55E-15
2.59E-15 2.78E-13 -4021.735 5.85E-15
0.50000 308.139294 -52.338175 5.85E-15
2.59E-15 2.77E-13 -4020.314 4.14E-15
0.75000 308.139294 -38.275675 4.14E-15
2.59E-15 2.76E-13 -4020.650 2.44E-15
1.00000 308.139294 -24.213175 2.44E-15
2.59E-15 2.76E-13 -2198.745

COMB SVB03 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -80.463175 9.25E-15
2.59E-15 2.79E-13 -4022.914 7.55E-15
0.25000 308.139294 -66.400675 7.55E-15
2.59E-15 2.78E-13 -4021.735 5.85E-15
0.50000 308.139294 -52.338175 5.85E-15
2.59E-15 2.77E-13 -4020.314 4.14E-15
0.75000 308.139294 -38.275675 4.14E-15
2.59E-15 2.76E-13 -4020.650 2.44E-15
1.00000 308.139294 -24.213175 2.44E-15
2.59E-15 2.76E-13 -2198.745

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -80.463175 9.25E-15
8.881358 1.216641 -2224.914 9.934688
0.25000 308.139294 -66.400675 9.934688
8.881358 0.766993 -2215.735 9.934688
0.50000 308.139294 -52.338175 9.934688
8.881358 0.232969 -2208.314 9.934688
0.75000 308.139294 -42.375962 9.934688
8.881358 -0.385429 -2202.650 9.934688
1.00000 308.139294 -24.213175 9.934688
8.881358 -1.088203 -2198.745 9.934688
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COMB SVB08 ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-80.463175	10.531105		
80.457134	-213.997772	-2224.914			
0.25000	308.139294	-66.400675	10.531105		
80.457134	-215.314160	-2215.735			
0.50000	308.139294	-52.338175	10.531105		
80.457134	-216.630548	-2208.314			
0.75000	308.139294	-38.275675	10.531105		
80.457134	-217.946936	-2202.650			
1.00000	308.139294	-24.213175	10.531105		
80.457134	-219.263325	-2198.745			

COMB SVB08 ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-80.463175	10.531105		
80.457134	-213.997772	-2224.914			
0.25000	308.139294	-66.400675	10.531105		
80.457134	-215.314160	-2215.735			
0.50000	308.139294	-52.338175	10.531105		
80.457134	-216.630548	-2208.314			
0.75000	308.139294	-38.275675	10.531105		
80.457134	-217.946936	-2202.650			
1.00000	308.139294	-24.213175	10.531105		
80.457134	-219.263325	-2198.745			

COMB SVB09 ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-80.463175	9.25E-15		
2.59E-15	2.79E-13	-2224.914			
0.25000	308.139294	-66.400675	7.55E-15		
2.59E-15	2.79E-13	-2215.735			
0.50000	308.139294	-52.338175	5.85E-15		
2.59E-15	2.77E-13	-2208.314			
0.75000	308.139294	-38.275675	4.14E-15		
2.59E-15	2.76E-13	-2202.650			
1.00000	308.139294	-24.213175	2.44E-15		
2.59E-15	2.76E-13	-2198.745			

COMB SVB09 ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-80.463175	9.25E-15		
2.59E-15	2.79E-13	-2224.914			
0.25000	308.139294	-66.400675	7.55E-15		
2.59E-15	2.78E-13	-2215.735			
0.50000	308.139294	-52.338175	5.85E-15		
2.59E-15	2.77E-13	-2208.314			
0.75000	308.139294	-38.275675	4.14E-15		
2.59E-15	2.76E-13	-2202.650			
1.00000	308.139294	-24.213175	2.44E-15		
2.59E-15	2.76E-13	-2198.745			
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COMB SVB10 ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-80.463175	13.790793		
89.338492	-212.781131	-2224.914			
0.25000	308.139294	-66.400675	14.465793		
89.338492	-214.547168	-2215.735			
0.50000	308.139294	-52.338175	15.140793		
89.338492	-216.397579	-2208.314			
0.75000	308.139294	-38.275675	15.815793		
89.338492	-218.332366	-2202.650			
1.00000	308.139294	-24.213175	16.490793		
89.338492	-220.351527	-2198.745			

COMB SVB10 ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-80.463175	13.790793		
89.338492	-212.781131	-2224.914			
0.25000	308.139294	-66.400675	14.465793		
89.338492	-214.547168	-2215.735			
0.50000	308.139294	-52.338175	15.140793		
89.338492	-216.397579	-2208.314			
0.75000	308.139294	-38.275675	15.815793		
89.338492	-218.332366	-2202.650			
1.00000	308.139294	-24.213175	16.490793		
89.338492	-220.351527	-2198.745			

COMB SVB11 ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-80.463175	3.259688		
8.881358	1.216641	-2224.914			
0.25000	308.139294	-66.400675	3.934688		
8.881358	0.766993	-2215.735			
0.50000	308.139294	-52.338175	4.609688		
8.881358	0.232969	-2208.314			
0.75000	308.139294	-38.275675	5.284688		
8.881358	-0.385429	-2202.650			
1.00000	308.139294	-24.213175	5.959688		
8.881358	-1.088203	-2198.745			

COMB SVB11 ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-80.463175	3.259688		
8.881358	1.216641	-2224.914			
0.25000	308.139294	-66.400675	3.934688		
8.881358	0.766993	-2215.735			
0.50000	308.139294	-52.338175	4.609688		
8.881358	0.232969	-2208.314			
0.75000	308.139294	-38.275675	5.284688		
8.881358	-0.385429	-2202.650			
1.00000	308.139294	-24.213175	5.959688		
8.881358	-1.088203	-2198.745			

COMB SVB12 ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	417.763738	-70.500962	12.160949		
84.897813	-213.389451	-3060.978			
0.25000	417.763738	-56.438462	12.498449		
84.897813	-214.930664	-3053.044			
0.50000	417.763738	-42.375962	12.835949		
84.897813	-216.514064	-3046.868			
0.75000	417.763738	-28.313462	13.173449		
84.897813	-218.139651	-3042.450			
1.00000	417.763738	-14.250962	13.510949		
84.897813	-219.807426	-3039.790			

COMB SVB12 ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	417.763738	-70.500962	12.160949		
84.897813	-213.389451	-3060.978			

0.25000	417.763738	-56.438462	12.498449		
84.897813	-214.930664	-3053.044			
0.50000	417.763738	-42.375962	12.835949		
84.897813	-216.514064	-3046.868			
0.75000	417.763738	-28.313462	13.173449		
84.897813	-218.139651	-3042.450			
1.00000	417.763738	-14.250962	13.510949		
84.897813	-219.807426	-3039.790			

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COMB SVB13 ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	417.763738	-70.500962	1.629844		
4.440679	0.608320	-3060.978			
0.25000	417.763738	-56.438462	1.967344		
4.440679	0.383496	-3053.044			
0.50000	417.763738	-42.375962	2.304844		
4.440679	0.116485	-3046.868			
0.75000	417.763738	-28.313462	2.642344		
4.440679	-0.192715	-3042.450			
1.00000	417.763738	-14.250962	2.979844		
4.440679	-0.544101	-3039.790			

COMB SVB13 ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	417.763738	-70.500962	1.629844		
4.440679	0.608320	-3060.978			
0.25000	417.763738	-56.438462	1.967344		
4.440679	0.383496	-3053.044			
0.50000	417.763738	-42.375962	2.304844		
4.440679	0.116485	-3046.868			
0.75000	417.763738	-28.313462	2.642344		
4.440679	-0.192715	-3042.450			
1.00000	417.763738	-14.250962	2.979844		
4.440679	-0.544101	-3039.790			

COMB SVB14 ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-80.463175	12.160949		
84.897813	-213.389451	-2224.914			
0.25000	308.139294	-66.400675	12.498449		
84.897813	-214.930664	-2215.735			
0.50000	308.139294	-52.338175	12.835949		
84.897813	-216.514064	-2208.314			
0.75000	308.139294	-38.275675	13.173449		
84.897813	-218.139651	-2202.650			
1.00000	308.139294	-24.213175	13.510949		
84.897813	-219.807426	-2198.745			

COMB SVB14 ----- MIN					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-80.463175	12.160949		
84.897813	-213.389451	-2224.914			
0.25000	308.139294	-66.400675	12.498449		
84.897813	-214.930664	-2215.735			
0.50000	308.139294	-52.338175	12.835949		
84.897813	-216.514064	-2208.314			
0.75000	308.139294	-38.275675	13.173449		
84.897813	-218.139651	-2202.650			
1.00000	308.139294	-24.213175	13.510949		
84.897813	-219.807426	-2198.745			

COMB SVB15 ----- MAX					
REL DIST	P	V2	V3		
T	M2	M3			
0.00000	308.139294	-80.463175	1.629844		
4.440679	0.608320	-2224.914			
0.25000	308.139294	-66.400675	1.967344		
4.440679	0.383496	-2215.735			
0.50000	308.139294	-52.338175	2.304844		
4.440679	0.116485	-2208.314			
0.75000	308.139294	-38.275675	2.642344		
4.440679	-0.192715	-2202.650			
1.00000	308.139294	-24.213175	2.979844		
4.440679	-0.544101	-2198.745			

COMB		SVB15 ----- MIN			
REL	DIST	P	V2	V3	
	T	M2	M3		
0.00000		308.139294	-80.463175	1.629844	
0.440679		0.608320	-2224.914		
0.25000		308.139294	-66.400675	1.967344	
0.440679		0.383496	-2215.735		
0.50000		308.139294	-52.338175	2.304844	
0.440679		0.116485	-2208.314		
0.75000		308.139294	-38.275675	2.642344	
0.440679		-0.192715	-2202.650		
1.00000		308.139294	-24.213175	2.979844	
0.440679		-0.544101	-2198.745		

11.101697	0.291211	-2760.392		
0.75000	385.174117	-47.844594	6.605860	
11.101697	-0.481787	-2753.313		
1.00000	385.174117	-30.266469	7.449610	
11.101697	-1.360254	-2748.431		
COMB ULB11 ----- MIN				
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	385.174117	-100.578969	4.074610	
11.101697	1.520801	-2781.143		
0.25000	385.174117	-83.000844	4.918360	
11.101697	0.958741	-2769.669		
0.50000	385.174117	-65.422719	5.762110	
11.101697	0.291211	-2760.392		
0.75000	385.174117	-47.844594	6.605860	
11.101697	-0.481787	-2753.313		
1.00000	385.174117	-30.266469	7.449610	
11.101697	-1.360254	-2748.431		
COMB ULB12 ----- MAX				
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	522.204672	-88.126202	15.201187	
106.122266	-266.736814	-3826.222		
0.25000	522.204672	-70.548077	15.623062	
106.122266	-268.663330	-3816.305		
0.50000	522.204672	-52.969952	16.044937	
106.122266	-270.642580	-3808.585		
0.75000	522.204672	-35.391827	16.466812	
106.122266	-272.674564	-3803.063		
1.00000	522.204672	-17.813702	16.888687	
106.122266	-274.759283	-3799.737		
COMB ULB12 ----- MIN				
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	522.204672	-88.126202	15.201187	
106.122266	-266.736814	-3826.222		
0.25000	522.204672	-70.548077	15.623062	
106.122266	-268.663330	-3816.305		
0.50000	522.204672	-52.969952	16.044937	
106.122266	-270.642580	-3808.585		
0.75000	522.204672	-35.391827	16.466812	
106.122266	-272.674564	-3803.063		
1.00000	522.204672	-17.813702	16.888687	
106.122266	-274.759283	-3799.737		
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519				
F R A M E E L E M E N T I N T E R N A L F O R C E S				
COMB ULB13 ----- MAX				
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	522.204672	-88.126202	2.037305	
5.550849	0.760401	-3826.222		
0.25000	522.204672	-70.548077	2.459180	
5.550849	0.479370	-3816.305		
0.50000	522.204672	-52.969952	2.881055	
5.550849	0.145606	-3808.585		
0.75000	522.204672	-35.391827	3.302930	
5.550849	-0.240893	-3803.063		
1.00000	522.204672	-17.813702	3.724805	
5.550849	-0.680127	-3799.737		
COMB ULB13 ----- MIN				
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	522.204672	-88.126202	2.037305	
5.550849	0.760401	-3826.222		
0.25000	522.204672	-70.548077	2.459180	
5.550849	0.479370	-3816.305		
0.50000	522.204672	-52.969952	2.881055	
5.550849	0.145606	-3808.585		
0.75000	522.204672	-35.391827	3.302930	
5.550849	-0.240893	-3803.063		
1.00000	522.204672	-17.813702	3.724805	
5.550849	-0.680127	-3799.737		
COMB ULB14 ----- MAX				
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	385.174117	-100.578969	15.201187	
106.122266	-266.736814	-2781.143		
0.25000	385.174117	-83.000844	15.623062	
106.122266	-268.663330	-2769.669		
0.50000	385.174117	-65.422719	16.044937	
106.122266	-270.642580	-2760.392		
0.75000	385.174117	-47.844594	16.466812	
106.122266	-272.674564	-2753.313		
1.00000	385.174117	-30.266469	16.888687	
106.122266	-274.759283	-2748.431		
COMB ULB14 ----- MIN				
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	385.174117	-100.578969	15.201187	
106.122266	-266.736814	-2781.143		
0.25000	385.174117	-83.000844	15.623062	
106.122266	-268.663330	-2769.669		
0.50000	385.174117	-65.422719	16.044937	
106.122266	-270.642580	-2760.392		
0.75000	385.174117	-47.844594	16.466812	
106.122266	-272.674564	-2753.313		
1.00000	385.174117	-30.266469	16.888687	
106.122266	-274.759283	-2748.431		
COMB ULB15 ----- MAX				
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	385.174117	-100.578969	2.037305	
5.550849	0.760401	-2781.143		
0.25000	385.174117	-83.000844	2.459180	
5.550849	0.479370	-2769.669		
0.50000	385.174117	-65.422719	2.881055	
5.550849	0.145606	-2760.392		
0.75000	385.174117	-47.844594	3.302930	
5.550849	-0.240893	-2753.313		
1.00000	385.174117	-30.266469	3.724805	
5.550849	-0.680127	-2748.431		
COMB ULB15 ----- MIN				
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	385.174117	-100.578969	2.037305	
5.550849	0.760401	-2781.143		
0.25000	385.174117	-83.000844	2.459180	
5.550849	0.479370	-2769.669		
0.50000	385.174117	-65.422719	2.881055	
5.550849	0.145606	-2760.392		
0.75000	385.174117	-47.844594	3.302930	
5.550849	-0.240893	-2753.313		
1.00000	385.174117	-30.266469	3.724805	
5.550849	-0.680127	-2748.431		
COMB ULB15 ----- MIN				
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	385.174117	-100.578969	2.037305	
5.550849	0.760401	-2781.143		
0.25000	385.174117	-83.000844	2.459180	
5.550849	0.479370	-2769.669		
0.50000	385.174117	-65.422719	2.881055	
5.550849	0.145606	-2760.392		
0.75000	385.174117	-47.844594	3.302930	
5.550849	-0.240893	-2753.313		
1.00000	385.174117	-30.266469	3.724805	
5.550849	-0.680127	-2748.431		
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520				
F R A M E E L E M E N T I N T E R N A L F O R C E S				
COMB ULB16 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	308.139294	-80.463175	9.25E-15	
2.59E-15	2.79E-13	-2224.914		
0.25000	308.139294	-66.400675	7.55E-15	
2.59E-15	2.78E-13	-2215.735		
0.50000	308.139294	-52.338175	5.85E-15	
2.59E-15	2.77E-13	-2208.314		
0.75000	308.139294	-38.275675	4.14E-15	
2.59E-15	2.76E-13	-2202.650		
1.00000	308.139294	-24.213175	2.44E-15	
2.59E-15	2.76E-13	-2198.745		
COMB ULB16 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	308.139294	-80.463175	9.25E-15	
2.59E-15	2.79E-13	-2224.914		
0.25000	308.139294	-66.400675	7.55E-15	
2.59E-15	2.78E-13	-2215.735		
0.50000	308.139294	-52.338175	5.85E-15	
2.59E-15	2.77E-13	-2208.314		
0.75000	308.139294	-38.275675	4.14E-15	
2.59E-15	2.76E-13	-2202.650		
1.00000	308.139294	-24.213175	2.44E-15	
2.59E-15	2.76E-13	-2198.745		
COMB ULB17 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	543.092859	-91.651250	1.02E-14	
4.63E-15	4.99E-13	-3979.271		
0.25000	543.092859	-73.370000	8.01E-15	
4.63E-15	4.97E-13	-3968.957		
0.50000	543.092859	-55.088750	5.79E-15	
4.63E-15	4.97E-13	-3960.929		
0.75000	543.092859	-36.807500	3.58E-15	
4.63E-15	4.96E-13	-3955.185		
1.00000	543.092859	-18.526250	1.37E-15	
4.63E-15	4.96E-13	-3951.727		
COMB ULB17 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	543.092859	-91.651250	1.02E-14	
4.63E-15	4.99E-13	-3979.271		
0.25000	543.092859	-73.370000	8.01E-15	
4.63E-15	4.97E-13	-3968.957		
0.50000	543.092859	-55.088750	5.79E-15	
4.63E-15	4.97E-13	-3960.929		
0.75000	543.092859	-36.807500	3.58E-15	
4.63E-15	4.96E-13	-3955.185		
1.00000	543.092859	-18.526250	1.37E-15	
4.63E-15	4.96E-13	-3951.727		
COMB ULB18 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	369.767153	-96.555810	3.911625	
10.657629	1.459969	-2669.897		
0.25000	369.767153	-79.680810	4.721625	
10.657629	0.920391	-2658.882		
0.50000	369.767153	-62.805810	5.531625	
10.657629	0.279563	-2649.977		
0.75000	369.767153	-45.930810	6.341625	
10.657629	-0.462515	-2643.181		
1.00000	369.767153	-29.055810	7.151625	
10.657629	-1.305843	-2638.494		
COMB ULB18 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	369.767153	-96.555810	3.911625	
10.657629	1.459969	-2669.897		
0.25000	369.767153	-79.680810	4.721625	
10.657629	0.920391	-2658.882		
0.50000	369.767153	-62.805810	5.531625	
10.657629	0.279563	-2649.977		
0.75000	369.767153	-45.930810	6.341625	
10.657629	-0.462515	-2643.181		
1.00000	369.767153	-29.055810	7.151625	
10.657629	-1.305843	-2638.494		
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521				
F R A M E E L E M E N T I N T E R N A L F O R C E S				
COMB UEBO1 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	543.831848	-59.044416	6.26E-15	
4.68E-15	5.04E-13	-4022.451		
0.25000	543.831848	-44.981916	4.56E-15	
4.68E-15	5.03E-13	-4015.949		
0.50000	543.831848	-30.919416	2.86E-15	
4.68E-15	5.03E-13	-4011.206		
0.75000	543.831848	-16.856916	1.16E-15	
4.68E-15	5.03E-13	-4008.220		
1.00000	543.831848	-2.794416	-5.48E-16	
4.68E-15	5.03E-13	-4006.991		
COMB UEBO1 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	543.831848	-59.044416	6.26E-15	
4.68E-15	5.04E-13	-4022.451		
0.25000	543.831848	-44.981916	4.56E-15	
4.68E-15	5.03E-13	-4015.949		
0.50000	543.831848	-30.919416	2.86E-15	
4.68E-15	5.03E-13	-4011.206		
0.75000	543.831848	-16.856916	1.16E-15	
4.68E-15	5.03E-13	-4008.220		
1.00000	543.831848	-2.794416	-5.48E-16	
4.68E-15	5.03E-13	-4006.991		
COMB UEBO2 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	308.139294	-80.463175	9.25E-15	
2.59E-15	2.79E-13	-2224.914		
0.25000	308.139294	-66.400675	7.55E-15	
2.59E-15	2.78E-13	-2215.735		
0.50000	308.139294	-52.338175	5.85E-15	
2.59E-15	2.77E-13	-2208.314		
0.75000	308.139294	-38.275675	4.14E-15	
2.59E-15	2.76E-13	-2202.650		
1.00000	308.139294	-24.213175	2.44E-15	
2.59E-15	2.76E-13	-2198.745		

0.00000 292.732329 -76.440017 4.074610
11.101697 1.520801 -2113.668
0.25000 292.732329 -63.080642 4.918360
11.101697 0.291211 -2104.948
0.50000 292.732329 -49.721267 5.762110
11.101697 0.291211 -2097.898
0.75000 292.732329 -36.361892 6.605860
11.101697 -0.481787 -2092.518
1.00000 292.732329 -23.002517 7.449610
11.101697 -1.360254 -2088.808

COMB UEB12 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 429.762884 -63.987249 15.201187
106.122266 -266.736814 -3158.748
0.25000 429.762884 -50.627874 15.623062
106.122266 -268.663330 -3151.585
0.50000 429.762884 -37.268499 16.044937
106.122266 -270.642580 -3146.091
0.75000 429.762884 -23.909124 16.466812
106.122266 -272.674564 -3142.267
1.00000 429.762884 -10.549749 16.888687
106.122266 -274.759283 -3140.114

COMB UEB12 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 429.762884 -63.987249 15.201187
106.122266 -266.736814 -3158.748
0.25000 429.762884 -50.627874 15.623062
106.122266 -268.663330 -3151.585
0.50000 429.762884 -37.268499 16.044937
106.122266 -270.642580 -3146.091
0.75000 429.762884 -23.909124 16.466812
106.122266 -272.674564 -3142.267
1.00000 429.762884 -10.549749 16.888687
106.122266 -274.759283 -3140.114
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FRAME ELEMENT INTERNAL FORCES

COMB UEB13 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 429.762884 -63.987249 2.037305
5.550849 0.760401 -3158.748 2.459180
0.25000 429.762884 -50.627874 2.459180
5.550849 0.479370 -3151.585 2.881055
0.50000 429.762884 -37.268499 3.029930
5.550849 0.145606 -3146.091 3.029930
0.75000 429.762884 -23.909124 3.029930
5.550849 -0.240893 -3142.267 3.724805
1.00000 429.762884 -10.549749 3.724805
5.550849 -0.680127 -3140.114

COMB UEB13 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 429.762884 -63.987249 2.037305
5.550849 0.760401 -3158.748 2.459180
0.25000 429.762884 -50.627874 2.459180
5.550849 0.479370 -3151.585 2.881055
0.50000 429.762884 -37.268499 3.029930
5.550849 0.145606 -3146.091 3.029930
0.75000 429.762884 -23.909124 3.029930
5.550849 -0.240893 -3142.267 3.724805
1.00000 429.762884 -10.549749 3.724805
5.550849 -0.680127 -3140.114

COMB UEB14 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 292.732329 -76.440017 15.201187
106.122266 -266.736814 -2113.668
0.25000 292.732329 -63.080642 15.623062
106.122266 -268.663330 -2104.948
0.50000 292.732329 -49.721267 16.044937
106.122266 -270.642580 -2097.898
0.75000 292.732329 -36.361892 16.466812
106.122266 -272.674564 -2092.518
1.00000 292.732329 -23.002517 16.888687
106.122266 -274.759283 -2088.808

COMB UEB14 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 292.732329 -76.440017 15.201187
106.122266 -266.736814 -2113.668
0.25000 292.732329 -63.080642 15.623062
106.122266 -268.663330 -2104.948
0.50000 292.732329 -49.721267 16.044937
106.122266 -270.642580 -2097.898
0.75000 292.732329 -36.361892 16.466812
106.122266 -272.674564 -2092.518
1.00000 292.732329 -23.002517 16.888687
106.122266 -274.759283 -2088.808

COMB UEB15 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 292.732329 -76.440017 2.037305
5.550849 0.760401 -2113.668 2.459180
0.25000 292.732329 -63.080642 2.459180
5.550849 0.479370 -2104.948 2.881055
0.50000 292.732329 -49.721267 3.029930
5.550849 0.145606 -2097.898 3.029930
0.75000 292.732329 -36.361892 3.029930
5.550849 -0.240893 -2092.518 3.724805
1.00000 292.732329 -23.002517 3.724805
5.550849 -0.680127 -2088.808

COMB UEB15 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 292.732329 -76.440017 2.037305
5.550849 0.760401 -2113.668 2.459180
0.25000 292.732329 -63.080642 2.459180
5.550849 0.479370 -2104.948 2.881055
0.50000 292.732329 -49.721267 3.029930
5.550849 0.145606 -2097.898 3.029930
0.75000 292.732329 -36.361892 3.029930
5.550849 -0.240893 -2092.518 3.724805
1.00000 292.732329 -23.002517 3.724805
5.550849 -0.680127 -2088.808

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COMB UEB16 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 308.139294 -80.463175 9.25E-15
2.59E-15 2.79E-13 -2224.914
0.25000 308.139294 -66.400675 7.55E-15
2.59E-15 2.78E-13 -2215.735
0.50000 308.139294 -52.338175 5.85E-15
2.59E-15 2.77E-13 -2208.314
0.75000 308.139294 -38.275675 4.14E-15
2.59E-15 2.76E-13 -2202.590
1.00000 308.139294 -24.213175 2.44E-15
2.59E-15 2.76E-13 -2198.745

COMB UEB16 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 308.139294 -80.463175 9.25E-15
2.59E-15 2.79E-13 -2224.914
0.25000 308.139294 -66.400675 7.55E-15
2.59E-15 2.78E-13 -2215.735
0.50000 308.139294 -52.338175 5.85E-15
2.59E-15 2.77E-13 -2208.314
0.75000 308.139294 -38.275675 4.14E-15
2.59E-15 2.76E-13 -2202.590
1.00000 308.139294 -24.213175 2.44E-15
2.59E-15 2.76E-13 -2198.745

COMB UEB17 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 450.651071 -67.512297 7.45E-15
3.85E-15 4.15E-13 -3311.797
0.25000 450.651071 -53.449797 5.74E-15
3.85E-15 4.14E-13 -3304.237
0.50000 450.651071 -39.387297 4.04E-15
3.85E-15 4.14E-13 -3298.434
0.75000 450.651071 -25.324797 2.34E-15
3.85E-15 4.13E-13 -3292.390
1.00000 450.651071 -11.262297 6.34E-16
3.85E-15 4.13E-13 -3292.103

COMB UEB17 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 450.651071 -67.512297 7.45E-15
3.85E-15 4.15E-13 -3311.797
0.25000 450.651071 -53.449797 5.74E-15
3.85E-15 4.14E-13 -3304.237
0.50000 450.651071 -39.387297 4.04E-15
3.85E-15 4.14E-13 -3298.434
0.75000 450.651071 -25.324797 2.34E-15
3.85E-15 4.13E-13 -3292.390
1.00000 450.651071 -11.262297 6.34E-16
3.85E-15 4.13E-13 -3292.103

COMB UEB18 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 277.325364 -72.416858 3.911625
10.657629 1.459969 -2002.423 4.721625
0.25000 277.325364 -59.760608 5.531625
10.657629 0.920391 -1994.162 6.341625
0.50000 277.325364 -47.104358 5.531625
10.657629 0.279563 -1987.482 6.341625
0.75000 277.325364 -34.448108 6.341625
10.657629 -0.462515 -1982.385 7.151625
1.00000 277.325364 -21.791858 7.151625
10.657629 -1.305843 -1978.870

COMB UEB18 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 277.325364 -72.416858 3.911625
10.657629 1.459969 -2002.423 4.721625
0.25000 277.325364 -59.760608 5.531625
10.657629 0.920391 -1994.162 6.341625
0.50000 277.325364 -47.104358 5.531625
10.657629 0.279563 -1987.482 6.341625
0.75000 277.325364 -34.448108 6.341625
10.657629 -0.462515 -1982.385 7.151625
1.00000 277.325364 -21.791858 7.151625
10.657629 -1.305843 -1978.870

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FRAME ELEMENT INTERNAL FORCES

COMB SVO01 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 417.795292 -69.221838 7.71E-15
3.56E-15 3.84E-13 -3060.991
0.25000 417.795292 -55.159338 6.00E-15
3.56E-15 3.83E-13 -3047.201
0.50000 417.795292 -41.096838 4.30E-15
3.56E-15 3.82E-13 -3047.201
0.75000 417.795292 -27.034338 2.60E-15
3.56E-15 3.82E-13 -3042.943
1.00000 417.795292 -12.971838 8.95E-16
3.56E-15 3.81E-13 -3040.443

COMB SVO01 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 417.795292 -69.221838 7.71E-15
3.56E-15 3.84E-13 -3060.991
0.25000 417.795292 -55.159338 6.00E-15
3.56E-15 3.83E-13 -3053.217
0.50000 417.795292 -41.096838 4.30E-15
3.56E-15 3.82E-13 -3047.201
0.75000 417.795292 -27.034338 2.60E-15
3.56E-15 3.82E-13 -3042.943
1.00000 417.795292 -12.971838 8.95E-16
3.56E-15 3.81E-13 -3040.443

COMB SVO02 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 308.170848 -79.184052 9.10E-15
2.60E-15 2.79E-13 -2224.927
0.25000 308.170848 -65.121552 7.39E-15
2.60E-15 2.78E-13 -2215.908
0.50000 308.170848 -51.059052 5.69E-15
2.60E-15 2.77E-13 -2208.647
0.75000 308.170848 -36.996552 3.99E-15
2.60E-15 2.76E-13 -2203.144
1.00000 308.170848 -22.934052 2.29E-15
2.60E-15 2.76E-13 -2199.398

COMB SVO02 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 308.170848 -79.184052 9.10E-15
2.60E-15 2.79E-13 -2224.927
0.25000 308.170848 -65.121552 7.39E-15
2.60E-15 2.78E-13 -2215.908
0.50000 308.170848 -51.059052 5.69E-15

2.60E-15 2.77E-13 -2208.647
0.75000 308.170848 -36.996552 3.99E-15
2.60E-15 2.76E-13 -2203.144
1.00000 308.170848 -22.934052 2.29E-15
2.60E-15 2.76E-13 -2199.398
COMB SVO03 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 322.676945 1007.742 -1.23E-13
4.55E-15 2.84E-13 -2241.298
0.25000 322.676945 1021.805 -1.25E-13
4.55E-15 3.00E-13 -2368.145
0.50000 322.676945 1035.867 -1.26E-13
4.55E-15 3.16E-13 -2496.749
0.75000 322.676945 1049.930 -1.28E-13
4.55E-15 3.31E-13 -2627.111
1.00000 322.676945 1063.992 -1.30E-13
4.55E-15 3.48E-13 -2759.231

COMB SVO03 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 322.676945 1007.742 -1.23E-13
4.55E-15 2.84E-13 -2241.298
0.25000 322.676945 1021.805 -1.25E-13
4.55E-15 3.00E-13 -2368.145
0.50000 322.676945 1035.867 -1.26E-13
4.55E-15 3.16E-13 -2496.749
0.75000 322.676945 1049.930 -1.28E-13
4.55E-15 3.31E-13 -2627.111
1.00000 322.676945 1063.992 -1.30E-13
4.55E-15 3.48E-13 -2759.231
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FRAME ELEMENT INTERNAL FORCES

COMB SVO04 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 428.649052 620.203134 -7.60E-14
4.80E-15 3.87E-13 -3070.710
0.25000 428.649052 634.265634 -7.77E-14
4.80E-15 3.97E-13 -3149.114
0.50000 428.649052 648.328134 -7.94E-14
4.80E-15 4.06E-13 -3229.276
0.75000 428.649052 662.390634 -8.11E-14
4.80E-15 4.16E-13 -3311.196
1.00000 428.649052 676.453134 -8.28E-14
4.80E-15 4.27E-13 -3394.874

COMB SVO04 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 428.649052 620.203134 -7.60E-14
4.80E-15 3.87E-13 -3070.710
0.25000 428.649052 634.265634 -7.77E-14
4.80E-15 3.97E-13 -3149.114
0.50000 428.649052 648.328134 -7.94E-14
4.80E-15 4.06E-13 -3229.276
0.75000 428.649052 662.390634 -8.11E-14
4.80E-15 4.16E-13 -3311.196
1.00000 428.649052 676.453134 -8.28E-14
4.80E-15 4.27E-13 -3394.874

COMB SVO05 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 319.024608 610.240921 -7.46E-14
3.84E-15 3.01E-13 -2390.722
0.25000 319.024608 624.303421 -7.63E-14
3.84E-15 3.11E-13 -2471.396
0.50000 319.024608 638.365921 -7.80E-14
3.84E-15 3.01E-13 -2390.722
0.75000 319.024608 652.428421 -7.97E-14
3.84E-15 3.11E-13 -2471.396
1.00000 319.024608 666.490921 -8.14E-14
3.84E-15 3.21E-13 -2553.829

COMB SVO05 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 319.024608 610.240921 -7.46E-14
3.84E-15 2.82E-13 -2234.646
0.25000 319.024608 624.303421 -7.63E-14
3.84E-15 2.92E-13 -2311.805
0.50000 319.024608 638.365921 -7.80E-14
3.84E-15 3.01E-13 -2390.722
0.75000 319.024608 652.428421 -7.97E-14
3.84E-15 3.11E-13 -2471.396
1.00000 319.024608 666.490921 -8.14E-14
3.84E-15 3.21E-13 -2553.829

COMB SVO06 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 350.406449 -71.786576 7.94E-15
3.97E-15 4.29E-13 -3425.145
0.25000 350.406449 -57.724076 6.24E-15
3.97E-15 4.28E-13 -3417.051
0.50000 350.406449 -43.661576 4.53E-15
3.97E-15 4.28E-13 -3410.714
0.75000 350.406449 -29.599076 2.83E-15
3.97E-15 4.27E-13 -3405.135
1.00000 350.406449 -15.536576 1.13E-15
3.97E-15 4.27E-13 -3403.314

COMB SVO06 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 350.406449 -71.786576 7.94E-15
3.97E-15 4.29E-13 -3425.145
0.25000 350.406449 -57.724076 6.24E-15
3.97E-15 4.28E-13 -3417.051
0.50000 350.406449 -43.661576 4.53E-15
3.97E-15 4.28E-13 -3410.714
0.75000 350.406449 -29.599076 2.83E-15
3.97E-15 4.27E-13 -3405.135
1.00000 350.406449 -15.536576 1.13E-15
3.97E-15 4.27E-13 -3403.314
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FRAME ELEMENT INTERNAL FORCES

COMB SVO07 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 417.79

COMB SVO12 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	361.260209	617.638396	-7.58E-14	
5.21E-15	4.33E-13	-3434.863		
0.25000	361.260209	631.700896	-7.75E-14	
5.21E-15	4.42E-13	-3512.947		
0.50000	361.260209	645.763396	-7.92E-14	
5.21E-15	4.52E-13	-3592.789		
0.75000	361.260209	659.825896	-8.09E-14	
5.21E-15	4.62E-13	-3674.388		
1.00000	361.260209	673.888396	-8.26E-14	
5.21E-15	4.72E-13	-3757.745		
COMB SVO12 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	361.260209	617.638396	-7.58E-14	
5.21E-15	4.33E-13	-3434.863		
0.25000	361.260209	631.700896	-7.75E-14	
5.21E-15	4.42E-13	-3512.947		
0.50000	361.260209	645.763396	-7.92E-14	
5.21E-15	4.52E-13	-3592.789		
0.75000	361.260209	659.825896	-8.09E-14	
5.21E-15	4.62E-13	-3674.388		
1.00000	361.260209	673.888396	-8.26E-14	
5.21E-15	4.72E-13	-3757.745		
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F R A M E E L E M E N T I N T E R N A L F O R C E S				
COMB SVO13 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	428.649052	620.203134	-7.60E-14	
4.80E-15	3.87E-13	-3070.710		
0.25000	428.649052	634.265634	-7.77E-14	
4.80E-15	3.97E-13	-3149.114		
0.50000	428.649052	648.328134	-7.94E-14	
4.80E-15	4.06E-13	-3229.276		
0.75000	428.649052	662.390634	-8.11E-14	
4.80E-15	4.16E-13	-3311.196		
1.00000	428.649052	676.453134	-8.28E-14	
4.80E-15	4.27E-13	-3394.874		
COMB SVO13 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	428.649052	620.203134	-7.60E-14	
4.80E-15	3.87E-13	-3070.710		
0.25000	428.649052	634.265634	-7.77E-14	
4.80E-15	3.97E-13	-3149.114		
0.50000	428.649052	648.328134	-7.94E-14	
4.80E-15	4.06E-13	-3229.276		
0.75000	428.649052	662.390634	-8.11E-14	
4.80E-15	4.16E-13	-3311.196		
1.00000	428.649052	676.453134	-8.28E-14	
4.80E-15	4.27E-13	-3394.874		
COMB SVO14 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	251.635765	607.676182	-7.44E-14	
4.25E-15	3.28E-13	-2598.800		
0.25000	251.635765	621.738682	-7.61E-14	
4.25E-15	3.37E-13	-2675.638		
0.50000	251.635765	621.738682	-7.61E-14	
4.25E-15	3.37E-13	-2675.638		
0.75000	251.635765	635.801182	-7.78E-14	
4.25E-15	3.47E-13	-2754.234		
1.00000	251.635765	649.863682	-7.95E-14	
4.25E-15	3.57E-13	-2834.588		
1.00000	251.635765	663.926182	-8.12E-14	
4.25E-15	3.67E-13	-2916.700		
COMB SVO15 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	319.024608	610.240921	-7.46E-14	
3.84E-15	2.82E-13	-2234.646		
0.25000	319.024608	624.303421	-7.63E-14	
3.84E-15	2.92E-13	-2311.805		
0.50000	319.024608	638.365921	-7.80E-14	
3.84E-15	3.01E-13	-2390.722		
0.75000	319.024608	652.428421	-7.97E-14	
3.84E-15	3.11E-13	-2471.396		
1.00000	319.024608	666.490921	-8.14E-14	
3.84E-15	3.21E-13	-2553.829		
COMB SVO15 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	319.024608	610.240921	-7.46E-14	
3.84E-15	2.82E-13	-2234.646		
0.25000	319.024608	624.303421	-7.63E-14	
3.84E-15	2.92E-13	-2311.805		
0.50000	319.024608	638.365921	-7.80E-14	
3.84E-15	3.01E-13	-2390.722		
0.75000	319.024608	652.428421	-7.97E-14	
3.84E-15	3.11E-13	-2471.396		
1.00000	319.024608	666.490921	-8.14E-14	
3.84E-15	3.21E-13	-2553.829		
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F R A M E E L E M E N T I N T E R N A L F O R C E S				
COMB ULO01 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	636.314657	-81.520508	8.84E-15	
5.46E-15	5.88E-13	-4689.943		
0.25000	636.314657	-81.520508	8.84E-15	
5.46E-15	5.88E-13	-4689.943		
0.50000	636.314657	-81.520508	8.84E-15	
5.46E-15	5.88E-13	-4689.943		
0.75000	636.314657	-81.520508	8.84E-15	
5.46E-15	5.88E-13	-4689.943		
1.00000	636.314657	-81.520508	8.84E-15	
5.46E-15	5.88E-13	-4689.943		
COMB ULO01 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	636.314657	-81.520508	8.84E-15	
5.46E-15	5.88E-13	-4689.943		
0.25000	636.314657	-81.520508	8.84E-15	
5.46E-15	5.88E-13	-4689.943		
0.50000	636.314657	-81.520508	8.84E-15	
5.46E-15	5.88E-13	-4689.943		
0.75000	636.314657	-81.520508	8.84E-15	
5.46E-15	5.88E-13	-4689.943		
1.00000	636.314657	-81.520508	8.84E-15	
5.46E-15	5.88E-13	-4689.943		

1.00000 636.314657 -8.395508 -1.75E-17				
5.46E-15 5.85E-13 -4667.464				
COMB ULO01 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	636.314657	-81.520508	8.84E-15	
5.46E-15	5.88E-13	-4689.943		
0.25000	636.314657	-81.520508	8.84E-15	
5.46E-15	5.87E-13	-4680.895		
0.50000	636.314657	-44.958008	2.40E-15	
5.46E-15	5.86E-13	-4674.133		
0.75000	636.314657	-26.676758	4.21E-15	
5.46E-15	5.86E-13	-4669.656		
1.00000	636.314657	-8.395508	-1.75E-17	
5.46E-15	5.85E-13	-4667.464		
COMB ULO02 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	400.622103	-102.939267	1.18E-14	
3.38E-15	3.62E-13	-2892.406		
0.25000	400.622103	-84.658017	9.61E-15	
3.38E-15	3.61E-13	-2880.681		
0.50000	400.622103	-66.376767	7.40E-15	
3.38E-15	3.60E-13	-2871.241		
0.75000	400.622103	-48.095517	5.19E-15	
3.38E-15	3.59E-13	-2864.087		
1.00000	400.622103	-29.814267	2.97E-15	
3.38E-15	3.59E-13	-2859.217		
COMB ULO03 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	400.622103	-102.939267	1.18E-14	
3.38E-15	3.62E-13	-2892.406		
0.25000	400.622103	-84.658017	9.61E-15	
3.38E-15	3.61E-13	-2880.681		
0.50000	400.622103	-66.376767	7.40E-15	
3.38E-15	3.60E-13	-2871.241		
0.75000	400.622103	-48.095517	5.19E-15	
3.38E-15	3.59E-13	-2864.087		
1.00000	400.622103	-29.814267	2.97E-15	
3.38E-15	3.59E-13	-2859.217		
COMB ULO03 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1310.065	-1.60E-13	
5.92E-15	3.70E-13	-2913.687		
0.25000	419.480028	1328.346	-1.62E-13	
5.92E-15	3.90E-13	-3078.588		
0.50000	419.480028	1346.627	-1.64E-13	
5.92E-15	4.10E-13	-3245.774		
0.75000	419.480028	1364.908	-1.66E-13	
5.92E-15	4.31E-13	-3481.045		
1.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
COMB ULO03 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.			

4.79E-15	3.77E-13	-2988.402			
0.75000	398.780761	815.535526	-9.97E-14		
4.79E-15	3.89E-13	-3089.245			
1.00000	398.780761	833.113651	-1.02E-13		
4.79E-15	4.02E-13	-3192.286			
COMB ULO15 ----- MIN					
REL DIST	P	V2			
T	M2	M3			
0.00000	398.780761	762.801151	-9.93E-14		
4.79E-15	3.53E-13	-2793.307			
0.25000	398.780761	780.379276	-9.54E-14		
4.79E-15	3.65E-13	-2889.756			
0.50000	398.780761	797.957401	-9.75E-14		
4.79E-15	3.77E-13	-2988.402			
0.75000	398.780761	815.535526	-9.97E-14		
4.79E-15	3.89E-13	-3089.245			
1.00000	398.780761	833.113651	-1.02E-13		
4.79E-15	4.02E-13	-3192.286			
Program SAP2000 Nonlinear Version 7.42					
File:청도1교상행_P9_본세.OUT					
: AAbutPier SAP2000 6-7 데이터파일 : 교각 본세					
537					
F R A M E E L E M E N T I N T E R N A L F O R C E S					
COMB ULO16 ----- MAX					
REL DIST	P	V2			
T	M2	M3			
0.00000	308.170848	-79.184052	9.10E-15		
2.60E-15	2.79E-13	-2224.927			
0.25000	308.170848	-65.121552	7.39E-15		
2.60E-15	2.78E-13	-2215.908			
0.50000	308.170848	-51.059052	5.69E-15		
2.60E-15	2.77E-13	-2208.647			
0.75000	308.170848	-36.996552	3.99E-15		
2.60E-15	2.76E-13	-2203.144			
1.00000	308.170848	-22.934052	2.29E-15		
2.60E-15	2.76E-13	-2199.398			
COMB ULO16 ----- MIN					
REL DIST	P	V2			
T	M2	M3			
0.00000	308.170848	-79.184052	9.10E-15		
2.60E-15	2.79E-13	-2224.927			
0.25000	308.170848	-65.121552	7.39E-15		
2.60E-15	2.78E-13	-2215.908			
0.50000	308.170848	-51.059052	5.69E-15		
2.60E-15	2.77E-13	-2208.647			
0.75000	308.170848	-36.996552	3.99E-15		
2.60E-15	2.76E-13	-2203.144			
1.00000	308.170848	-22.934052	2.29E-15		
2.60E-15	2.76E-13	-2199.398			
COMB ULO17 ----- MAX					
REL DIST	P	V2			
T	M2	M3			
0.00000	543.133880	-98.983839	1.00E-14		
4.63E-15	4.99E-13	-3979.289			
0.25000	543.133880	-71.707139	7.81E-15		
4.63E-15	4.98E-13	-3969.183			
0.50000	543.133880	-53.425889	5.59E-15		
4.63E-15	4.97E-13	-3961.362			
0.75000	543.133880	-35.144639	3.38E-15		
4.63E-15	4.96E-13	-3955.826			
1.00000	543.133880	-16.863389	1.16E-15		
4.63E-15	4.96E-13	-3952.576			
COMB ULO17 ----- MIN					
REL DIST	P	V2			
T	M2	M3			
0.00000	543.133880	-98.983839	1.00E-14		
4.63E-15	4.99E-13	-3979.289			
0.25000	543.133880	-71.707139	7.81E-15		
4.63E-15	4.98E-13	-3969.183			
0.50000	543.133880	-53.425889	5.59E-15		
4.63E-15	4.97E-13	-3961.362			
0.75000	543.133880	-35.144639	3.38E-15		
4.63E-15	4.96E-13	-3955.826			
1.00000	543.133880	-16.863389	1.16E-15		
4.63E-15	4.96E-13	-3952.576			
COMB ULO18 ----- MAX					
REL DIST	P	V2			
T	M2	M3			
0.00000	387.212334	1209.290	-1.47E-13		
5.46E-15	3.41E-13	-2689.558			
0.25000	387.212334	1226.165	-1.50E-13		
5.46E-15	3.60E-13	-2841.774			
0.50000	387.212334	1243.040	-1.52E-13		
5.46E-15	3.79E-13	-2996.099			
0.75000	387.212334	1259.915	-1.54E-13		
5.46E-15	3.98E-13	-3152.534			
1.00000	387.212334	1276.790	-1.56E-13		
5.46E-15	4.17E-13	-3311.078			
COMB ULO18 ----- MIN					
REL DIST	P	V2			
T	M2	M3			
0.00000	387.212334	1209.290	-1.47E-13		
5.46E-15	3.41E-13	-2689.558			
0.25000	387.212334	1226.165	-1.50E-13		
5.46E-15	3.60E-13	-2841.774			
0.50000	387.212334	1243.040	-1.52E-13		
5.46E-15	3.79E-13	-2996.099			
0.75000	387.212334	1259.915	-1.54E-13		
5.46E-15	3.98E-13	-3152.534			
1.00000	387.212334	1276.790	-1.56E-13		
5.46E-15	4.17E-13	-3311.078			
Program SAP2000 Nonlinear Version 7.42					
File:청도1교상행_P9_본세.OUT					
: AAbutPier SAP2000 6-7 데이터파일 : 교각 본세					
538					
F R A M E E L E M E N T I N T E R N A L F O R C E S					
COMB UEO01 ----- MAX					
REL DIST	P	V2			
T	M2	M3			
0.00000	543.872869	-57.381555	6.06E-15		
4.68E-15	5.04E-13	-4022.469			
0.25000	543.872869	-43.319055	4.36E-15		
4.68E-15	5.03E-13	-4016.175			
0.50000	543.872869	-29.256555	2.66E-15		
4.68E-15	5.03E-13	-4011.639			
0.75000	543.872869	-15.194055	9.53E-16		
4.68E-15	5.03E-13	-4008.861			
1.00000	543.872869	-1.131555	-7.50E-16		
4.68E-15	5.03E-13	-4007.840			
COMB UEO01 ----- MIN					
REL DIST	P	V2			
T	M2	M3			
0.00000	543.872869	-57.381555	6.06E-15		
4.68E-15	5.04E-13	-4022.469			
0.25000	543.872869	-43.319055	4.36E-15		

0.00000 306.338972 786.940103 -9.61E-14
4.02E-15 2.69E-13 -2125.833
0.25000 306.338972 800.299478 -9.77E-14
4.02E-15 2.81E-13 -2225.036
0.50000 306.338972 813.658853 -9.93E-14
4.02E-15 2.94E-13 -2325.908
0.75000 306.338972 827.018228 -1.01E-13
4.02E-15 3.06E-13 -2428.450
1.00000 306.338972 840.377603 -1.03E-13
4.02E-15 3.19E-13 -2525.662
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB UEO16 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.170848 -79.184052 9.10E-15
2.60E-15 2.79E-13 -2224.927
0.25000 308.170848 -65.121552 7.39E-15
2.60E-15 2.78E-13 -2215.908
0.50000 308.170848 -51.059052 5.69E-15
2.60E-15 2.77E-13 -2208.647
0.75000 308.170848 -36.966552 3.99E-15
2.60E-15 2.76E-13 -2203.144
1.00000 308.170848 -22.934052 2.29E-15
2.60E-15 2.76E-13 -2199.398

COMB UEO16 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.170848 -79.184052 9.10E-15
2.60E-15 2.79E-13 -2224.927
0.25000 308.170848 -65.121552 7.39E-15
2.60E-15 2.78E-13 -2215.908
0.50000 308.170848 -51.059052 5.69E-15
2.60E-15 2.77E-13 -2208.647
0.75000 308.170848 -36.966552 3.99E-15
2.60E-15 2.76E-13 -2203.144
1.00000 308.170848 -22.934052 2.29E-15
2.60E-15 2.76E-13 -2199.398

COMB UEO17 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 450.692092 -65.849437 7.24E-15
3.86E-15 4.15E-13 -3311.814
0.25000 450.692092 -51.786937 5.54E-15
3.86E-15 4.14E-13 -3304.462
0.50000 450.692092 -37.724437 3.84E-15
3.86E-15 4.14E-13 -3298.868
0.75000 450.692092 -23.661937 2.13E-15
3.86E-15 4.13E-13 -3295.031
1.00000 450.692092 -15.59437 4.32E-16
3.86E-15 4.13E-13 -3292.952

COMB UEO17 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 450.692092 -65.849437 7.24E-15
3.86E-15 4.15E-13 -3311.814
0.25000 450.692092 -51.786937 5.54E-15
3.86E-15 4.14E-13 -3304.462
0.50000 450.692092 -37.724437 3.84E-15
3.86E-15 4.14E-13 -3298.868
0.75000 450.692092 -23.661937 2.13E-15
3.86E-15 4.13E-13 -3295.031
1.00000 450.692092 -15.59437 4.32E-16
3.86E-15 4.13E-13 -3292.952

COMB UEO18 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 294.770546 1233.429 -1.50E-13
4.68E-15 2.58E-13 -2022.083
0.25000 294.770546 1246.086 -1.52E-13
4.68E-15 2.77E-13 -2177.053
0.50000 294.770546 1258.742 -1.53E-13
4.68E-15 2.96E-13 -2333.605
0.75000 294.770546 1271.398 -1.55E-13
4.68E-15 3.15E-13 -2491.739
1.00000 294.770546 1284.054 -1.56E-13
4.68E-15 3.34E-13 -2651.454

COMB UEO18 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 294.770546 1233.429 -1.50E-13
4.68E-15 2.58E-13 -2022.083
0.25000 294.770546 1246.086 -1.52E-13
4.68E-15 2.77E-13 -2177.053
0.50000 294.770546 1258.742 -1.53E-13
4.68E-15 2.96E-13 -2333.605
0.75000 294.770546 1271.398 -1.55E-13
4.68E-15 3.15E-13 -2491.739
1.00000 294.770546 1284.054 -1.56E-13
4.68E-15 3.34E-13 -2651.454
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본체.OUT

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FRAME ELEMENT INTERNAL FORCES

COMB ENVBULT ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 636.273637 -83.183368 9.04E-15
5.45E-15 5.88E-13 -4689.925
0.25000 636.273637 -64.902118 6.83E-15
5.45E-15 5.87E-13 -4680.670
0.50000 636.273637 -46.620868 4.61E-15
5.45E-15 5.86E-13 -4673.700
0.75000 636.273637 -28.339618 2.40E-15
5.45E-15 5.86E-13 -4669.015
1.00000 636.273637 -10.058368 1.84E-16
5.45E-15 5.85E-13 -4666.615

COMB ENVBULT ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 636.273637 -83.183368 9.04E-15
5.45E-15 5.88E-13 -4689.925
0.25000 636.273637 -64.902118 6.83E-15
5.45E-15 5.87E-13 -4680.670
0.50000 636.273637 -46.620868 4.61E-15
5.45E-15 5.86E-13 -4673.700
0.75000 636.273637 -28.339618 2.40E-15
5.45E-15 5.86E-13 -4669.015
1.00000 636.273637 -10.058368 1.84E-16
5.45E-15 5.85E-13 -4666.615

COMB ENVBULT ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 543.831848 -59.044416 9.25E-15
4.68E-15 5.04E-13 -2224.914
0.25000 543.831848 -44.981916 7.55E-15
4.68E-15 5.03E-13 -2215.735
0.50000 543.831848 -30.919416 5.85E-15
4.68E-15 5.03E-13 -2208.314
0.75000 543.831848 -16.856916 4.14E-15
4.68E-15 5.03E-13 -2202.650
1.00000 543.831848 -2.794416 2.44E-15
4.68E-15 5.03E-13 -2198.745

COMB ENVBULT ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -80.463175 6.26E-15
2.59E-15 2.79E-13 -4022.451
0.25000 308.139294 -66.400675 4.56E-15
2.59E-15 2.78E-13 -4015.949
0.50000 308.139294 -52.338175 2.86E-15
2.59E-15 2.77E-13 -4011.206
0.75000 308.139294 -38.275675 1.16E-15
2.59E-15 2.76E-13 -4008.220
1.00000 308.139294 -24.213175 -5.48E-16
2.59E-15 2.76E-13 -4006.991

COMB ENVBULT ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 636.314657 -81.520508 8.84E-15
5.46E-15 5.88E-13 -4689.943
0.25000 636.314657 -63.239258 6.62E-15
5.46E-15 5.87E-13 -4680.895
0.50000 636.314657 -44.958008 4.41E-15
5.46E-15 5.86E-13 -4674.133
0.75000 636.314657 -26.676758 2.20E-15
5.46E-15 5.86E-13 -4669.656
1.00000 636.314657 -8.395058 -1.75E-17
5.46E-15 5.85E-13 -4667.464

COMB ENVBULT ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 636.314657 -81.520508 8.84E-15
5.46E-15 5.88E-13 -4689.943
0.25000 636.314657 -63.239258 6.62E-15
5.46E-15 5.87E-13 -4680.895
0.50000 636.314657 -44.958008 4.41E-15
5.46E-15 5.86E-13 -4674.133
0.75000 636.314657 -26.676758 2.20E-15
5.46E-15 5.86E-13 -4669.656
1.00000 636.314657 -8.395058 -1.75E-17
5.46E-15 5.85E-13 -4667.464
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB ENVOECC ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 543.872869 -57.381555 9.05E-15
4.68E-15 5.04E-13 -2224.931
0.25000 543.872869 -43.319055 7.35E-15
4.68E-15 5.03E-13 -2215.960
0.50000 543.872869 -29.256555 5.64E-15
4.68E-15 5.03E-13 -2208.747
0.75000 543.872869 -15.194055 3.94E-15
4.68E-15 5.03E-13 -2203.292
1.00000 543.872869 -1.131555 2.24E-15
4.68E-15 5.03E-13 -2199.594

COMB ENVOECC ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.180315 -78.800315 6.06E-15
2.60E-15 2.79E-13 -4022.469
0.25000 308.180315 -64.737815 4.36E-15
2.60E-15 2.78E-13 -4016.175
0.50000 308.180315 -50.675315 2.66E-15
2.60E-15 2.77E-13 -4011.639
0.75000 308.180315 -36.612815 9.53E-16
2.60E-15 2.76E-13 -4008.861
1.00000 308.180315 -22.550315 -7.50E-16
2.60E-15 2.76E-13 -4007.840

ELEM 11 ----- LENGTH = 1.225000

LOAD D -----

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -24.213175 2.44E-15
2.59E-15 2.76E-13 -2198.745
0.25000 308.139294 10.957723 -1.82E-15
2.59E-15 2.76E-13 -2196.679
0.50000 308.139294 47.564168 -6.25E-15
2.59E-15 2.77E-13 -2205.608
0.75000 308.139294 85.606161 -1.09E-14
2.59E-15 2.80E-13 -2225.958
1.00000 308.139294 125.083700 -1.56E-14
2.59E-15 2.84E-13 -2258.183

LOAD L1 -----

REL DIST T P M2 M3 V2 V3
0.00000 109.624444 9.962214 -1.39E-15
9.68E-16 1.05E-13 -841.04833
0.25000 109.624444 9.962214 -1.39E-15
9.68E-16 1.06E-13 -844.09571
0.50000 109.624444 9.962214 -1.39E-15
9.68E-16 1.06E-13 -847.14669
0.75000 109.624444 9.962214 -1.39E-15
9.68E-16 1.07E-13 -850.197617
1.00000 109.624444 9.962214 -1.39E-15
9.68E-16 1.07E-13 -853.248945

LOAD W-LO -----

REL DIST T P M2 M3 V2 V3
0.00000 1.14E-17 7.14E-16 5.959688
8.881358 -1.088203 -3.93E-17
0.25000 1.14E-17 9.19E-16 7.647891
8.881358 -3.170105 -2.89E-16
0.50000 1.14E-17 1.13E-15 9.405000
8.881358 -5.779570 -6.03E-15
0.75000 1.14E-17 1.35E-15 11.231016
8.881358 -8.937701 -9.83E-16
1.00000 1.14E-17 1.58E-15 13.125938
8.881358 -12.665601 -1.43E-15

LOAD G-LO2 -----

REL DIST T P M2 M3 V2 V3
0.00000 4.99E-16 1.16E-15 10.531105
80.457134 -219.263325 -2.26E-14

0.25000 4.99E-16 1.16E-15 10.531105
80.457134 -222.488476 -2.30E-14
0.50000 4.99E-16 1.16E-15 10.531105
80.457134 -227.719627 -2.39E-14
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.75000 4.99E-16 1.16E-15 10.531105
80.457134 -228.938778 -2.37E-14
1.00000 4.99E-16 1.16E-15 10.531105
80.457134 -232.163929 -2.41E-14

LOAD E-LO -----

REL DIST T P M2 M3 V2 V3
0.00000 0.00000 0.00000 0.00000
0.25000 0.00000 0.00000 0.00000
0.50000 0.00000 0.00000 0.00000
0.75000 0.00000 0.00000 0.00000
1.00000 0.00000 0.00000 0.00000

LOAD W-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 14.506097 1086.926 -1.32E-13
1.96E-15 7.16E-14 -559.833536
0.25000 14.506097 1086.926 -1.32E-13
1.96E-15 1.12E-13 -892.704643
0.50000 14.506097 1086.926 -1.32E-13
1.96E-15 1.52E-13 -1225.576
0.75000 14.506097 1086.926 -1.32E-13
1.96E-15 1.93E-13 -1558.447
1.00000 14.506097 1086.926 -1.32E-13
1.96E-15 2.33E-13 -1891.318

LOAD WL -----

REL DIST T P M2 M3 V2 V3
0.00000 3.600712 145.961940 -1.77E-14
2.62E-16 9.53E-15 -74.514078
0.25000 3.600712 145.961940 -1.77E-14
2.62E-16 1.50E-14 -119.214922
0.50000 3.600712 145.961940 -1.77E-14
2.62E-16 2.04E-14 -163.915766
0.75000 3.600712 145.961940 -1.77E-14
2.62E-16 2.58E-14 -208.616666
1.00000 3.600712 145.961940 -1.77E-14
2.62E-16 3.12E-14 -253.317454

LOAD G-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.55E-14 -362.871386
0.25000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.54E-14 -362.085935
0.50000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.53E-14 -361.300484
0.75000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.53E-14 -360.515033
1.00000 -67.388843 -2.564738 2.33E-16
4.10E-16 4.52E-14 -359.729581

LOAD E-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 0.00000 0.00000 0.00000
0.25000 0.00000 0.00000 0.00000
0.50000 0.00000 0.00000 0.00000
0.75000 0.00000 0.00000 0.00000
1.00000 0.00000 0.00000 0.00000

LOAD Q1-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 0.031554 1.279124 -1.55E-16
2.29E-18 8.35E-17 -0.652997
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.25000 0.031554 1.279124 -1.55E-16
2.29E-18 8.35E-17 -0.652997
2.29E-18 1.79E-16 -1.436460
0.75000 0.031554 1.279124 -1.55E-16
2.29E-18 2.26E-16 -1.828192
1.00000 0.031554 1.279124 -1.55E-16
2.29E-18 2.74E-16 -2.219923

LOAD COL-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 0.073804 2.991805 -3.63E-16
5.37E-18 1.95E-16 -1.527327
0.25000 0.073804 2.991805 -3.63E-16
5.37E-18 3.07E-16 -2.443567
0.50000 0.073804 2.991805 -3.63E-16
5.37E-18 4.18E-16 -3.359807
0.75000 0.073804 2.991805 -3.63E-16
5.37E-18 5.29E-16 -4.278047
1.00000 0.073804 2.991805 -3.63E-16
5.37E-18 6.40E-16 -5.192287

COMB SVB01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -14.250962 1.05E-15
3.56E-15 3.81E-13 -3039.790
0.25000 417.763738 20.919937 -3.21E-15
3.56E-15 3.82E-13 -3040.774
0.50000 417.763738 57.526382 -7.64E-15
3.56E-15 3.83E-13 -3052.750
0.75000 417.763738 95.568374 -1.22E-14
3.56E-15 3.86E-13 -3076.156
1.00000 417.763738 135.045913 -1.70E-14

3.56E-15 3.91E-13 -3111.432

COMB SVB01 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 417.763738 -14.250962 1.05E-15
3.56E-15 3.81E-13 -3039.790
0.25000 417.763738 20.919937 -3.21E-15
3.56E-15 3.82E-13 -3040.774
0.50000 417.763738 57.526382 -7.64E-15
3.56E-15 3.83E-13 -3052.750
0.75000 417.763738 95.568374 -1.22E-14
3.56E-15 3.86E-13 -3076.156
1.00000 417.763738 135.045913 -1.70E-14
3.56E-15 3.91E-13 -3111.432

COMB SVB02 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 -24.213175 2.44E-15
2.59E-15 2.76E-13 -2198.745
0.25000 308.139294 10.957723 -1.82E-15
2.59E-15 2.76E-13 -2196.679
0.50000 308.139294 47.564168 -6.25E-15
2.59E-15 2.77E-13 -2205.603

<

3.37E-15	400.581082	14.245040	-2.36E-15	350849	-7.916001	-3889.290	10.657629	-10.725242	-2671.150	15.751125	T	M2	M3	
3.37E-15	3.58E-13	-2855.682					1.00000	369.767153	150.100440		0.00000	308.139294	-24.213175	3.873797
0.50000	400.581082	61.833419	-8.13E-15	COMB	ULB14	-----	10.657629	-15.198722	-2709.820		5.772883	-0.707332	-2198.745	
3.37E-15	3.60E-13	-2867.284					0.25000	308.139294	10.957723		0.25000	308.139294	10.957723	4.971129
0.75000	400.581082	111.288009	-1.41E-14	REL	DIST	P	M2	V2		MIN	5.772883	-2.060568	-2196.679	
3.37E-15	3.63E-13	-2893.746					0.00000	385.174117	-30.266469		0.50000	308.139294	47.564168	6.113250
1.00000	400.581082	162.608010	-2.03E-14	106.122266	-274.759283	-2748.431	0.25000	385.174117	13.697154	17.943814	0.75000	308.139294	10.957723	
3.37E-15	3.69E-13	-2935.638					106.122266	-280.091910	-2745.848		0.50000	308.139294	55.606161	7.300160
COMB	ULB09	-----	MIN	0.50000	385.174117	59.455211	19.042007	0.25000	369.767153	13.149268	1.00000	308.139294	-2225.958	
REL	DIST	P	M2	V2	V3		106.122266	-285.754265	-2757.004		5.772883	-3.756721	-2205.603	
0.00000	400.581082	-31.477128					0.75000	385.174117	107.007701	20.183267	0.25000	308.139294	47.564168	6.113250
3.37E-15	3.59E-13	-2858.368					106.122266	-291.759536	-2782.448		0.50000	308.139294	-2196.679	
0.25000	400.581082	14.245040	-2.36E-15	10.00000	385.174117	156.354625	21.367593	106.122266	-298.120912	-2822.729	1.00000	308.139294	125.083700	8.531859
3.37E-15	3.58E-13	-2855.682					COMB	ULB14	-----	MIN	5.772883	-2.060568	-2196.679	
0.50000	400.581082	61.833419	-8.13E-15	REL	DIST	P	M2	V2			0.50000	308.139294	47.564168	6.113250
3.37E-15	3.60E-13	-2867.284					0.00000	385.174117	-30.266469	16.888687	5.772883	-3.756721	-2205.603	
0.75000	400.581082	111.288009	-1.41E-14	106.122266	-274.759283	-2748.431	0.25000	385.174117	13.697154	17.943814	0.75000	308.139294	55.606161	7.300160
3.37E-15	3.63E-13	-2893.746					106.122266	-280.091910	-2745.848		5.772883	-5.809506	-2225.958	
1.00000	400.581082	162.608010	-2.03E-14	0.50000	385.174117	59.455211	19.042007	106.122266	-285.754265	-2757.004	1.00000	308.139294	125.083700	8.531859
3.37E-15	3.69E-13	-2935.638					0.75000	385.174117	107.007701	20.183267	Program	SAP2000	Nonlinear	Version 7.42
COMB	ULB10	-----	MAX	1.00000	385.174117	156.354625	21.367593	File:청도1교상행_P9_본체.OUT			File:청도1교상행_P9_본체.OUT			
REL	DIST	P	M2	V2	V3		106.122266	-291.759536	-2782.448		Page			
0.00000	385.174117	-30.266469					106.122266	-298.120912	-2822.729		: AButPier	SAP2000	6-7	데이라파일 : 교각 본체
11.673115	-275.439409	2748.431					Program	SAP2000	Nonlinear	Version 7.42	559			
0.25000	385.174117	13.697154					File:청도1교상행_P9_본체.OUT				559			
11.673115	-282.073226	-2745.848					Frame	Element	Internal	Forces				
0.50000	385.174117	59.455211					0.00000	385.174117	-30.266469					
11.673115	-289.366496	-2757.004					5.550849	-0.680127	-2748.431	3.724805				
11.673115	-289.366496	-2757.004					0.25000	385.174117	13.697154	17.943814				
0.75000	385.174117	107.007701					5.550849	-1.981315	-2745.848	5.878125				
11.673115	-289.366496	-2757.004					0.50000	385.174117	59.455211	7.019385				
11.673115	-289.366496	-2757.004					5.550849	-3.612231	-2757.004	8.203711				
0.75000	385.174117	107.007701					0.75000	385.174117	107.007701	7.019385				
11.673115	-297.345599	-2782.448					5.550849	-5.580603	-2782.448	8.203711				
1.00000	385.174117	156.354625					1.00000	385.174117	156.354625	8.203711				
11.673115	-306.036913	-2822.729					5.550849	-7.916001	-2822.729					
COMB	ULB10	-----	MIN	5.550849	-7.916001	-2822.729	COMB	ULB15	-----	MAX				
REL	DIST	P	M2	V2	V3		REL	DIST	P	M2	V2	V3		
0.00000	385.174117	-30.266469					0.00000	385.174117	-30.266469					
11.673115	-275.439409	-2748.431					5.550849	-0.680127	-2748.431	3.724805				
0.25000	385.174117	13.697154					0.25000	385.174117	13.697154	17.943814				
11.673115	-282.073226	-2745.848					5.550849	-1.981315	-2745.848	5.878125				
0.50000	385.174117	59.455211					0.50000	385.174117	59.455211	7.019385				
11.673115	-289.366496	-2757.004					5.550849	-3.612231	-2757.004	8.203711				
11.673115	-289.366496	-2757.004					0.75000	385.174117	107.007701	7.019385				
0.75000	385.174117	107.007701					5.550849	-5.580603	-2782.448	8.203711				
11.673115	-297.345599	-2782.448					1.00000	385.174117	156.354625	8.203711				
1.00000	385.174117	156.354625					5.550849	-7.916001	-2822.729					
11.673115	-306.036913	-2822.729					COMB	ULB15	-----	MIN				
COMB	ULB11	-----	MAX	5.550849	-7.916001	-2822.729	REL	DIST	P	M2	V2	V3		
REL	DIST	P	M2	V2	V3		REL	DIST	P	M2	V2	V3		
0.00000	385.174117	-30.266469					0.00000	385.174117	-30.266469					
11.673115	-275.439409	-2748.431					5.550849	-0.680127	-2748.431	3.724805				
0.25000	385.174117	13.697154					0.25000	385.174117	13.697154	17.943814				
11.673115	-282.073226	-2745.848					5.550849	-1.981315	-2745.848	5.878125				
0.50000	385.174117	59.455211					0.50000	385.174117	59.455211	7.019385				
11.673115	-289.366496	-2757.004					5.550849	-3.612231	-2757.004	8.203711				
11.673115	-289.366496	-2757.004					0.75000	385.174117	107.007701	7.019385				
0.75000	385.174117	107.007701					5.550849	-5.580603	-2782.448	8.203711				
11.673115	-297.345599	-2782.448					1.00000	385.174117	156.354625	8.203711				
1.00000	385.174117	156.354625					5.550849	-7.916001	-2822.729					
11.673115	-306.036913	-2822.729					COMB	ULB16	-----	MAX				
COMB	ULB12	-----	MAX	5.550849	-7.916001	-2822.729	REL	DIST	P	M2	V2	V3		
REL	DIST	P	M2	V2	V3		REL	DIST	P	M2	V2	V3		
0.00000	385.174117	-30.266469					0.00000	385.174117	-30.266469					
11.673115	-275.439409	-2748.431					5.550849	-0.680127	-2748.431	3.724805				
0.25000	385.174117	13.697154					0.25000	385.174117	13.697154	17.943814				
11.673115	-282.073226	-2745.848					5.550849	-1.981315	-2745.848	5.878125				
0.50000	385.174117	59.455211					0.50000	385.174117	59.455211	7.019385				
11.673115	-289.366496	-2757.004					5.550849	-3.612231	-2757.004	8.203711				
11.673115	-289.366496	-2757.004					0.75000	385.174117	107.007701	7.019385				
0.75000	385.174117	107.007701					5.550849	-5.580603	-2782.448	8.203711				
11.673115	-297.345599	-2782.448					1.00000	385.174117	156.354625	8.203711				
1.00000	385.174117	156.354625					5.550849	-7.916001	-2822.729					
11.673115	-306.036913	-2822.729					COMB	ULB16	-----	MAX				
COMB	ULB12	-----	MAX	5.550849	-7.916001	-2822.729	REL	DIST	P	M2	V2	V3		
REL	DIST	P	M2	V2	V3		REL	DIST	P	M2	V2	V3		
0.00000	385.174117	-30.266469					0.00000	385.174117	-30.266469					
11.673115	-275.439409	-2748.431					5.550849	-0.680127	-2748.431	3.724805				
0.25000	385.174117	13.697154					0.25000	385.174117	13.697154	17.943814				
11.673115	-282.073226	-2745.848					5.550849	-1.981315	-2745.848	5.878125				
0.50000	385.174117	59.455211					0.50000	385.174117	59.455211	7.019385				
11.673115	-289.366496	-2757.004					5.550849	-3.612231	-2757.004	8.203711				
11.673115	-289.366496	-2757.004					0.75000	385.174117	107.007701	7.019385				
0.75000	385.174117	107.007701					5.550849	-5.580603	-2782.448	8.203711				
11.673115	-297.345599	-2782.448					1.00000	385.174117	156.354625	8.203711				
1.00000	385.174117	156.354625					5.550849	-7.916001	-2822.729					
11.673115	-306.036913	-2822.729					COMB	ULB16	-----	MAX				
COMB	ULB12	-----	MAX	5.550849	-7.916001	-2822.729	REL	DIST	P	M2	V2	V3		
REL	DIST	P	M2	V2	V3		REL	DIST	P	M2	V2	V3		
0.00000	385.174117	-30.266469					0.00000	385.174117	-30.266469					
11.673115	-275.439409	-2748.431					5.550849	-0.680127	-2748.431	3.724805				
0.25000	385.174117	13.697154					0.25000	385.174117	13.697154	17.943814				
11.673115	-282.073226	-2745.848					5.							

REL DIST	P	V2	V3	0.50000	292.732329	45.185960	19.042007	0.25000	277.325364	9.861951	9.177469	3.84E-15	4.32E-13	-3459.380	
T	M2	M3		106.122266	-285.754265	-2095.323		10.657629	-3.804126	-1977.011					
0.00000	308.139294	-24.213175	2.44E-15	0.25000	292.732329	81.325853	20.183267	0.50000	277.325364	42.807752	11.286000	COMB	SVO05	-----	MIN
2.59E-15	2.76E-13	-2198.745		106.122266	-291.759536	-2114.680		10.657629	-6.935404	-1985.050		REL DIST	P	V2	V3
0.25000	308.139294	10.957723	-1.82E-15	1.00000	292.732329	118.829515	21.367593	0.75000	277.325364	77.045545	13.477219	T	M2	M3	
2.59E-15	2.76E-13	-2196.679		106.122266	-298.120912	-2145.274		10.657629	-10.725242	-2003.362		0.00000	319.024608	666.490921	-8.14E-14
0.50000	308.139294	47.564168	-6.25E-15	COMB	UEB14	-----	MIN	1.00000	277.325364	112.575330	15.751125	3.84E-15	3.21E-13	-2553.829	
2.59E-15	2.77E-13	-2205.603		REL DIST	P	V2	V3	10.657629	-15.198722	-2032.365		0.25000	319.024608	701.661819	-8.57E-14
0.75000	308.139294	95.606161	-1.09E-14	T	M2	M3		0.00000	417.795292	-12.971838	8.95E-16	3.84E-15	3.74E-13	-2983.743	
2.59E-15	2.80E-13	-2225.958		106.122266	-274.759283	-2088.808	16.888687	3.56E-15	3.81E-13	-3040.443		0.75000	319.024608	776.319277	-9.47E-14
1.00000	308.139294	125.083700	-1.56E-14	0.25000	292.732329	10.409837	17.943814	0.25000	417.795292	-12.971838	8.95E-16	3.84E-15	4.02E-13	-3215.626	
2.59E-15	2.84E-13	-2258.183		106.122266	-280.091910	-2086.845	19.042007	0.25000	417.795292	-12.971838	8.95E-16	1.00000	319.024608	815.787796	-9.95E-14
COMB	UEB10	-----	MAX	0.50000	292.732329	45.185960		3.56E-15	3.82E-13	-3041.819		3.84E-15	4.32E-13	-3459.380	
REL DIST	P	V2	V3	106.122266	-285.754265	-2095.323		0.50000	417.795292	58.805506	-7.80E-15	Program	SAP2000	Nonlinear	Version 7.42
T	M2	M3		0.75000	292.732329	-2114.660		3.56E-15	3.87E-13	-3077.984		File:	청도1교상행_P9_본체	OUT	
0.00000	292.732329	-23.002517	20.613491	1.00000	292.732329	118.829515	21.367593	1.00000	417.795292	136.325037	-1.72E-14	Page			
0.25000	292.732329	10.409837	22.723745	106.122266	-298.120912	-2145.274		3.56E-15	3.91E-13	-3113.652		: AAbutPier	SAP2000	6-7 데이터파일 : 교각 본체	566
111.673115	-282.073226	-2086.845		Program	SAP2000	Nonlinear	Version 7.42	COMB	SVO01	-----	MIN	F R A M E E L E M E N T I N T E R N A L F O R C E S			
0.50000	292.732329	45.185960	24.920132	File:	청도1교상행_P9_본체	OUT		REL DIST	P	V2	V3	COMB	SVO06	-----	MAX
111.673115	-289.366496	-2095.323		0.00000	292.732329	-23.002517	20.613491	0.00000	417.795292	-12.971838	8.95E-16	REL DIST	P	V2	V3
0.75000	292.732329	81.325853	27.202652	T	M2	M3		3.56E-15	3.81E-13	-3040.443		T	M2	M3	
111.673115	-297.345599	-2114.660		0.25000	292.732329	10.409837	17.943814	0.25000	417.795292	-12.971838	8.95E-16	0.00000	350.406449	-15.536576	1.13E-15
1.00000	292.732329	118.829515	29.571304	106.122266	-291.759536	-2114.660		3.56E-15	3.82E-13	-3041.819		3.97E-15	4.27E-13	-3403.314	
111.673115	-306.036913	-2145.274		0.50000	292.732329	45.185960		0.50000	417.795292	58.805506	-7.80E-15	0.25000	350.406449	19.634322	-3.13E-15
COMB	UEB10	-----	MIN	0.75000	292.732329	-2114.660		3.56E-15	3.83E-13	-3054.186		3.97E-15	4.27E-13	-3403.905	
REL DIST	P	V2	V3	1.00000	292.732329	118.829515	29.571304	0.50000	417.795292	96.847498	-1.24E-14	0.50000	350.406449	56.240767	-7.56E-15
T	M2	M3		111.673115	-306.036913	-2145.274		3.56E-15	3.87E-13	-3077.984		3.97E-15	4.29E-13	-3415.487	
0.00000	292.732329	-23.002517	20.613491	Program	SAP2000	Nonlinear	Version 7.42	1.00000	417.795292	136.325037	-1.72E-14	0.75000	350.406449	94.282759	-1.22E-14
111.673115	-275.439409	-2088.808		File:	청도1교상행_P9_본체	OUT		3.56E-15	3.91E-13	-3113.652		3.97E-15	4.32E-13	-3438.499	
0.25000	292.732329	10.409837	22.723745	0.00000	292.732329	-23.002517	20.613491	1.00000	417.795292	136.325037	-1.72E-14	1.00000	350.406449	133.760299	-1.70E-14
111.673115	-282.073226	-2086.845		T	M2	M3		3.56E-15	3.91E-13	-3113.652		3.97E-15	4.36E-13	-3473.381	
0.50000	292.732329	45.185960	24.920132	0.25000	292.732329	10.409837	17.943814	COMB	SVO02	-----	MAX	COMB	SVO06	-----	MIN
111.673115	-289.366496	-2095.323		0.75000	292.732329	-2114.660		REL DIST	P	V2	V3	REL DIST	P	V2	V3
0.75000	292.732329	81.325853	27.202652	1.00000	292.732329	118.829515	29.571304	T	M2	M3		T	M2	M3	
111.673115	-297.345599	-2114.660		106.122266	-298.120912	-2145.274		2.60E-15	2.76E-13	-2199.398		0.00000	350.406449	-15.536576	1.13E-15
1.00000	292.732329	118.829515	29.571304	0.50000	292.732329	45.185960		2.60E-15	2.76E-13	-2197.723		3.97E-15	4.27E-13	-3403.314	
111.673115	-306.036913	-2145.274		0.75000	292.732329	-2114.660		0.50000	308.170848	48.843292	-6.41E-15	0.25000	350.406449	19.634322	-3.13E-15
COMB	UEB11	-----	MAX	1.00000	292.732329	118.829515	29.571304	2.60E-15	2.77E-13	-2207.040		3.97E-15	4.27E-13	-3403.905	
REL DIST	P	V2	V3	106.122266	-291.759536	-2114.660		0.50000	308.170848	48.843292	-6.41E-15	0.50000	350.406449	56.240767	-7.56E-15
T	M2	M3		0.00000	292.732329	-23.002517	20.613491	2.60E-15	2.80E-13	-2227.786		3.97E-15	4.29E-13	-3415.487	
0.00000	292.732329	-23.002517	7.449610	0.25000	292.732329	10.409837	17.943814	2.60E-15	2.80E-13	-2227.786		0.75000	350.406449	94.282759	-1.22E-14
11.101697	-1.360254	-2088.808		0.75000	292.732329	-2114.660		0.75000	308.170848	126.362823	-1.58E-14	3.97E-15	4.32E-13	-3438.499	
0.25000	292.732329	10.409837	9.559863	1.00000	292.732329	118.829515	29.571304	0.50000	308.170848	126.362823	-1.58E-14	1.00000	350.406449	133.760299	-1.70E-14
11.101697	-3.962631	-2086.845		106.122266	-291.759536	-2114.660		3.56E-15	3.81E-13	-3040.443		3.97E-15	4.36E-13	-3473.381	
0.50000	292.732329	45.185960	11.756250	0.50000	292.732329	10.409837	17.943814	COMB	SVO02	-----	MIN	COMB	SVO07	-----	MAX
11.101697	-7.224463	-2095.323		0.75000	292.732329	-2114.660		REL DIST	P	V2	V3	REL DIST	P	V2	V3
0.75000	292.732329	81.325853	14.038770	1.00000	292.732329	118.829515	16.407422	T	M2	M3		T	M2	M3	
11.101697	-11.172127	-2114.660		106.122266	-298.120912	-2145.274		2.60E-15	2.76E-13	-2199.398		0.00000	417.795292	-12.971838	8.95E-16
1.00000	292.732329	118.829515	16.407422	0.50000	292.732329	45.185960		2.60E-15	2.76E-13	-2197.723		3.56E-15	3.81E-13	-3040.443	
11.101697	-15.832002	-2145.274		0.75000	292.732329	-2114.660		2.60E-15	2.77E-13	-2207.040		0.25000	417.795292	-12.971838	8.95E-16
COMB	UEB11	-----	MIN	1.00000	292.732329	118.829515	16.407422	2.60E-15	2.80E-13	-2227.786		3.56E-15	3.82E-13	-3041.819	
REL DIST	P	V2	V3	106.122266	-291.759536	-2114.660		2.60E-15	2.80E-13	-2227.786		3.56E-15	3.83E-13	-3054.186	
T	M2	M3		0.00000	292.732329	-23.002517	7.449610	2.60E-15	2.80E-13	-2227.786		0.50000	417.795292	96.847498	-1.24E-14
0.00000	292.732329	-23.002517	7.449610	0.25000	292.732329	10.409837	9.559863	2.60E-15	2.80E-13	-2227.786		3.56E-15	3.87E-13	-3077.984	
11.101697	-1.360254	-2088.808		0.75000	292.732329	-2114.660		2.60E-15	2.80E-13	-2227.786		0.75000	417.795292	136.325037	-1.72E-14
0.25000	292.732329	10.409837	9.559863	1.00000	292.732329	118.829515	16.407422	2.60E-15	2.84E-13	-2260.403		1.00000	350.406449	133.760299	-1.70E-14
11.101697	-3.962631	-2086.845		106.122266	-291.759536	-2114.660		COMB	SVO02	-----	MIN	3.97E-15	4.36E-13	-3473.381	
0.50000	292.732329	45.185960	11.756250	0.50000	292.732329	10.409837	17.943814	REL DIST	P	V2	V3	REL DIST	P	V2	V3
11.101697	-7.224463	-2095.323		0.75000	292.732329	-2114.660		T	M2	M3		T	M2	M3	
0.75000	292.732329	81.325853	14.038770	1.00000	292.732329	118.829515	16.407422	2.60E-15	2.76E-13	-2199.398		0.00000	417.795292	-12.971838	8.95E-16
11.101697	-11.172127	-2114.660		106.122266	-298.120912	-2145.274		2.60E-15	2.76E-13	-2197.723		3.56E-15	3.81E-13	-3040.443	
1.00000	292.732329	118.829515	16.407422	0.50000	292.732329	45.185960		2.60E-15	2.77E-13	-2207.040		0.25000	417.795292	-12.971838	8.95E-16
11.101697	-15.832002	-2145.274		0.75000	292.732329	-2114.660		2.60E-15	2.80E-13	-2227.786		3.56E-15	3.82E-13	-3041.819	
COMB	UEB11	-----	MIN	1.00000	292.732329	118.829515	16.407422	2.60E-15	2.80E-13	-2227.786		3.56E-15	3.83E-13	-3054.186	
REL DIST	P	V2	V3	106.122266	-291.759536	-2114.660		2.60E-15	2.80E-13	-2227.786		0.50000	417.795292	96.847498	-1.24E-14
T	M2	M3		0.00000	292.732329	-23.002517	7.449610	2.60E-15	2.80E-13	-2227.786		3.56E-15	3.87E-13	-3077.984	
0.00000	292.732329	-23.002517	7.449610	0.25000	292.732329	10.409837	9.559863	2.60E-15	2.80E-13	-2227.786		0.75000	417.795292	136.325037	-1.72E-14
11.101697	-1.360254	-2088.808		0.75000	292.732329	-2114.660		2.60E-15	2.80E-13	-2227.786		1.00000	350.406449	133.760	

2.60E-15	2.80E-13	-2227.786		
1.00000	308.170848	126.362823	-1.58E-14	
2.60E-15	2.84E-13	-2260.403		
COMB	SVO10	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	255.288102	1061.427	-1.29E-13	
4.96E-15	3.93E-13	-3120.403		
0.25000	255.288102	1096.598	-1.34E-13	
4.96E-15	4.33E-13	-3452.514		
0.50000	255.288102	1133.205	-1.38E-13	
4.96E-15	4.75E-13	-3793.916		
0.75000	255.288102	1171.247	-1.43E-13	
4.96E-15	5.18E-13	-4146.748		
1.00000	255.288102	1210.724	-1.48E-13	
4.96E-15	5.62E-13	-4511.451		

COMB	SVO10	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	255.288102	1061.427	-1.29E-13	
4.96E-15	3.93E-13	-3122.103		
0.25000	255.288102	1096.598	-1.34E-13	
4.96E-15	4.33E-13	-3452.514		
0.50000	255.288102	1133.205	-1.38E-13	
4.96E-15	4.75E-13	-3793.916		
0.75000	255.288102	1171.247	-1.43E-13	
4.96E-15	5.18E-13	-4146.748		
1.00000	255.288102	1210.724	-1.48E-13	
4.96E-15	5.62E-13	-4511.451		

COMB	SVO11	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	322.676945	1063.992	-1.30E-13	
4.55E-15	3.48E-13	-2759.231		
0.25000	322.676945	1099.163	-1.34E-13	
4.55E-15	3.88E-13	-3090.428		
0.50000	322.676945	1135.769	-1.38E-13	
4.55E-15	4.30E-13	-3432.615		
0.75000	322.676945	1173.811	-1.43E-13	
4.55E-15	4.73E-13	-3786.233		
1.00000	322.676945	1213.289	-1.48E-13	
4.55E-15	5.17E-13	-4151.721		

COMB	SVO11	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	322.676945	1063.992	-1.30E-13	
4.55E-15	3.48E-13	-2759.231		
0.25000	322.676945	1099.163	-1.34E-13	
4.55E-15	3.88E-13	-3090.428		
0.50000	322.676945	1135.769	-1.38E-13	
4.55E-15	4.30E-13	-3432.615		
0.75000	322.676945	1173.811	-1.43E-13	
4.55E-15	4.73E-13	-3786.233		
1.00000	322.676945	1213.289	-1.48E-13	
4.55E-15	5.17E-13	-4151.721		

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FRAME ELEMENT INTERNAL FORCES				
COMB	SVO12	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	361.260209	673.888396	-8.26E-14	
5.21E-15	4.72E-13	-3757.745		
0.25000	361.260209	709.059294	-8.69E-14	
5.21E-15	4.98E-13	-3969.472		
0.50000	361.260209	745.665740	-9.13E-14	
5.21E-15	5.25E-13	-4192.190		
0.75000	361.260209	783.707732	-9.59E-14	
5.21E-15	5.54E-13	-4426.339		
1.00000	361.260209	823.185271	-1.01E-13	
5.21E-15	5.84E-13	-4672.358		

COMB	SVO12	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	361.260209	673.888396	-8.26E-14	
5.21E-15	4.72E-13	-3757.745		
0.25000	361.260209	709.059294	-8.69E-14	
5.21E-15	4.98E-13	-3969.472		
0.50000	361.260209	745.665740	-9.13E-14	
5.21E-15	5.25E-13	-4192.190		
0.75000	361.260209	783.707732	-9.59E-14	
5.21E-15	5.54E-13	-4426.339		
1.00000	361.260209	823.185271	-1.01E-13	
5.21E-15	5.84E-13	-4672.358		

COMB	SVO13	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	428.649052	676.453134	-8.28E-14	
4.80E-15	4.27E-13	-3394.874		
0.25000	428.649052	711.624033	-8.71E-14	
4.80E-15	4.53E-13	-3607.386		
0.50000	428.649052	748.230478	-9.15E-14	
4.80E-15	4.80E-13	-3830.890		
0.75000	428.649052	786.272470	-9.61E-14	
4.80E-15	5.09E-13	-4065.824		
1.00000	428.649052	825.750009	-1.01E-13	
4.80E-15	5.39E-13	-4312.628		

COMB	SVO13	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	428.649052	676.453134	-8.28E-14	
4.80E-15	4.27E-13	-3394.874		
0.25000	428.649052	711.624033	-8.71E-14	
4.80E-15	4.53E-13	-3607.386		
0.50000	428.649052	748.230478	-9.15E-14	
4.80E-15	4.80E-13	-3830.890		
0.75000	428.649052	786.272470	-9.61E-14	
4.80E-15	5.09E-13	-4065.824		
1.00000	428.649052	825.750009	-1.01E-13	
4.80E-15	5.39E-13	-4312.628		

COMB	SVO14	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	251.635765	663.926182	-8.12E-14	
4.25E-15	3.67E-13	-2916.700		
0.25000	251.635765	699.097081	-8.55E-14	
4.25E-15	3.92E-13	-3125.376		
0.50000	251.635765	735.703526	-8.99E-14	
4.25E-15	4.19E-13	-3345.044		
0.75000	251.635765	773.745518	-9.45E-14	
4.25E-15	4.47E-13	-3576.141		
1.00000	251.635765	813.223057	-9.93E-14	
4.25E-15	4.77E-13	-3819.109		

COMB	SVO14	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		

	T	M2	M3	
0.00000	251.635765	663.926182	-8.12E-14	
4.25E-15	3.67E-13	-2916.700		
0.25000	251.635765	699.097081	-8.55E-14	
4.25E-15	3.92E-13	-3125.376		
0.50000	251.635765	735.703526	-8.99E-14	
4.25E-15	4.19E-13	-3345.044		
0.75000	251.635765	773.745518	-9.45E-14	
4.25E-15	4.47E-13	-3576.141		
1.00000	251.635765	813.223057	-9.93E-14	
4.25E-15	4.77E-13	-3819.109		
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FRAME ELEMENT INTERNAL FORCES				
COMB	SVO15	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	319.024608	666.490921	-8.14E-14	
3.84E-15	3.21E-13	-2553.821		
0.25000	319.024608	701.661819	-8.57E-14	
3.84E-15	3.47E-13	-2763.291		
0.50000	319.024608	738.286264	-9.01E-14	
3.84E-15	3.74E-13	-2983.743		
0.75000	319.024608	776.310257	-9.47E-14	
3.84E-15	4.02E-13	-3215.626		
1.00000	319.024608	815.787966	-9.95E-14	
3.84E-15	4.32E-13	-3459.380		

COMB	SVO15	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	319.024608	666.490921	-8.14E-14	
3.84E-15	3.21E-13	-2553.821		
0.25000	319.024608	701.661819	-8.57E-14	
3.84E-15	3.47E-13	-2763.291		
0.50000	319.024608	738.286264	-9.01E-14	
3.84E-15	3.74E-13	-2983.743		
0.75000	319.024608	776.310257	-9.47E-14	
3.84E-15	4.02E-13	-3215.626		
1.00000	319.024608	815.787966	-9.95E-14	
3.84E-15	4.32E-13	-3459.380		

COMB	ULO01	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	636.314657	-8.395508	-1.75E-17	
5.46E-15	5.85E-13	-4667.464		
0.25000	636.314657	37.326660	-5.55E-15	
5.46E-15	5.86E-13	-4671.846		
0.50000	636.314657	84.915039	-1.13E-14	
5.46E-15	5.89E-13	-4690.517		
0.75000	636.314657	134.369629	-1.73E-14	
5.46E-15	5.93E-13	-4724.047		
1.00000	636.314657	185.690430	-2.35E-14	
5.46E-15	6.00E-13	-4773.009		

COMB	ULO01	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	636.314657	-8.395508	-1.75E-17	
5.46E-15	5.85E-13	-4667.464		
0.25000	636.314657	37.326660	-5.55E-15	
5.46E-15	5.86E-13	-4671.846		
0.50000	636.314657	84.915039	-1.13E-14	
5.46E-15	5.89E-13	-4690.517		
0.75000	636.314657	134.369629	-1.73E-14	
5.46E-15	5.93E-13	-4724.047		
1.00000	636.314657	185.690430	-2.35E-14	
5.46E-15	6.00E-13	-4773.009		

COMB	ULO02	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	400.622103	-29.814267	2.97E-15	
3.38E-15	3.59E-13	-2859.217		
0.25000	400.622103	15.907901	-2.57E-15	
3.38E-15	3.59E-13	-2857.040		
0.50000	400.622103	63.496280	-8.33E-15	
3.38E-15	3.60E-13	-2869.151		
0.75000	400.622103	112.950869	-1.43E-14	
3.38E-15	3.64E-13	-2893.122		
1.00000	400.622103	164.271670	-2.05E-14	
3.38E-15	3.69E-13	-2938.524		

COMB	ULO02	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	400.622103	-29.814267	2.97E-15	
3.38E-15	3.59E-13	-2859.217		
0.25000	400.622103	15.907901	-2.57E-15	
3.38E-15	3.59E-13	-2857.040		
0.50000	400.622103	63.496280	-8.33E-15	
3.38E-15	3.60E-13	-2869.151		
0.75000	400.622103	112.950869	-1.43E-14	
3.38E-15	3.64E-13	-2893.122		
1.00000	400.622103	164.271670	-2.05E-14	
3.38E-15	3.69E-13	-2938.524		

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FRAME ELEMENT INTERNAL FORCES				
COMB	ULO03	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	419.480028	1383.190	-1.69E-13	
5.92E-15	4.52E-13	-3587.001		
0.25000	419.480028	1428.912	-1.74E-13	
5.92E-15	5.04E-13	-4017.556		
0.50000	419.480028	1476.500	-1.80E-13	
5.92E-15	5.59E-13	-4462.400		
0.75000	419.480028	1525.955	-1.86E-13	
5.92E-15	6.15E-13	-4922.103		
1.00000	419.480028	1577.276	-1.92E-13	

0.25000 535.811316 889.530041 -1.09E-13
6.01E-15 5.66E-13 -4509.233
0.50000 535.811316 935.288098 -1.14E-13
6.01E-15 6.00E-13 -4788.612
0.75000 535.811316 982.840588 -1.20E-13
6.01E-15 6.36E-13 -5082.280
1.00000 535.811316 1032.188 -1.26E-13
6.01E-15 6.74E-13 -5390.785

COMB ULO13 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 535.811316 845.566418 -1.04E-13
6.01E-15 5.33E-13 4243.592 -1.09E-13
0.25000 535.811316 899.530041 -1.14E-13
6.01E-15 5.66E-13 -4509.233 -1.14E-13
0.50000 535.811316 935.288098 -1.14E-13
6.01E-15 6.00E-13 -4788.612 -1.20E-13
0.75000 535.811316 982.840588 -1.20E-13
6.01E-15 6.36E-13 -5082.280 -1.26E-13
1.00000 535.811316 1032.188 -1.26E-13
6.01E-15 6.74E-13 -5390.785

COMB ULO14 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 314.544706 829.907728 -1.02E-13
5.31E-15 4.58E-13 -3645.875 -1.07E-13
0.25000 314.544706 873.871351 -1.07E-13
5.31E-15 4.90E-13 -3906.721 -1.12E-13
0.50000 314.544706 919.629407 -1.12E-13
5.31E-15 5.24E-13 -4181.305 -1.18E-13
0.75000 314.544706 967.181898 -1.18E-13
5.31E-15 5.59E-13 -4470.177 -1.24E-13
1.00000 314.544706 1016.529 -1.24E-13
5.31E-15 5.96E-13 -4773.887

COMB ULO14 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 314.544706 829.907728 -1.02E-13
5.31E-15 4.58E-13 -3645.875 -1.07E-13
0.25000 314.544706 873.871351 -1.07E-13
5.31E-15 4.90E-13 -3906.721 -1.12E-13
0.50000 314.544706 919.629407 -1.12E-13
5.31E-15 5.24E-13 -4181.305 -1.18E-13
0.75000 314.544706 967.181898 -1.18E-13
5.31E-15 5.59E-13 -4470.177 -1.24E-13
1.00000 314.544706 1016.529 -1.24E-13
5.31E-15 5.96E-13 -4773.887

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FRAME ELEMENT INTERNAL FORCES
COMB ULO15 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 398.780761 833.113651 -1.02E-13
4.79E-15 4.02E-13 -3192.286 -1.07E-13
0.25000 398.780761 877.077274 -1.07E-13
4.79E-15 4.34E-13 -3454.113 -1.13E-13
0.50000 398.780761 922.835330 -1.13E-13
4.79E-15 4.67E-13 -3729.679 -1.18E-13
0.75000 398.780761 970.387821 -1.18E-13
4.79E-15 5.03E-13 -4019.533 -1.24E-13
1.00000 398.780761 1019.735 -1.24E-13
4.79E-15 5.40E-13 -4324.225

COMB ULO15 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 398.780761 833.113651 -1.02E-13
4.79E-15 4.02E-13 -3192.286 -1.07E-13
0.25000 398.780761 877.077274 -1.07E-13
4.79E-15 4.34E-13 -3454.113 -1.13E-13
0.50000 398.780761 922.835330 -1.13E-13
4.79E-15 4.67E-13 -3729.679 -1.18E-13
0.75000 398.780761 970.387821 -1.18E-13
4.79E-15 5.03E-13 -4019.533 -1.24E-13
1.00000 398.780761 1019.735 -1.24E-13
4.79E-15 5.40E-13 -4324.225

COMB ULO16 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 308.170848 -22.934052 2.29E-15
2.60E-15 2.76E-13 -2199.398 -1.97E-15
0.25000 308.170848 12.236847 -6.41E-15
2.60E-15 2.76E-13 -2197.723 -6.41E-15
0.50000 308.170848 48.843292 -2207.040 -1.10E-14
2.60E-15 2.77E-13 86.885284 -1.10E-14
0.75000 308.170848 126.362823 -1.58E-14
2.60E-15 2.84E-13 -2260.403

COMB ULO16 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 308.170848 -22.934052 2.29E-15
2.60E-15 2.76E-13 -2199.398 -1.97E-15
0.25000 308.170848 12.236847 -6.41E-15
2.60E-15 2.76E-13 -2197.723 -6.41E-15
0.50000 308.170848 48.843292 -2207.040 -1.10E-14
2.60E-15 2.77E-13 86.885284 -1.10E-14
0.75000 308.170848 126.362823 -1.58E-14
2.60E-15 2.84E-13 -2260.403

COMB ULO17 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 543.133880 -16.863389 1.16E-15
4.63E-15 4.96E-13 -3952.576 -4.37E-15
0.25000 543.133880 28.858779 -4.37E-15
4.63E-15 4.96E-13 -3954.365 -1.01E-14
0.50000 543.133880 76.447157 -1.01E-14
4.63E-15 4.99E-13 -3970.442 -1.61E-14
0.75000 543.133880 125.901747 -2.23E-14
4.63E-15 5.03E-13 177.222548 -2.23E-14
1.00000 543.133880 177.222548 -2.23E-14
4.63E-15 5.08E-13 -4047.747

COMB ULO17 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 543.133880 -16.863389 1.16E-15
4.63E-15 4.96E-13 -3952.576 -4.37E-15
0.25000 543.133880 28.858779 -4.37E-15
4.63E-15 4.96E-13 -3954.365 -1.01E-14
0.50000 543.133880 76.447157 -1.01E-14
4.63E-15 4.99E-13 -3970.442 -1.61E-14
0.75000 543.133880 125.901747 -2.23E-14
4.63E-15 5.03E-13 177.222548 -2.23E-14
1.00000 543.133880 177.222548 -2.23E-14

4.63E-15 5.08E-13 -4047.747
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FRAME ELEMENT INTERNAL FORCES
COMB ULO18 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 387.212334 1276.790 -1.56E-13
5.46E-15 4.17E-13 -3311.078 -1.61E-13
0.25000 387.212334 1318.995 -1.61E-13
5.46E-15 4.66E-13 -3708.514 -1.66E-13
0.50000 387.212334 1362.923 -1.66E-13
5.46E-15 5.16E-13 -4119.138 -1.72E-13
0.75000 387.212334 1408.574 -1.72E-13
5.46E-15 5.67E-13 -4543.480 -1.77E-13
1.00000 387.212334 1455.947 -1.77E-13
5.46E-15 6.21E-13 -4982.066

COMB ULO18 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 387.212334 1276.790 -1.56E-13
5.46E-15 4.17E-13 -3311.078 -1.61E-13
0.25000 387.212334 1318.995 -1.61E-13
5.46E-15 4.66E-13 -3708.514 -1.66E-13
0.50000 387.212334 1362.923 -1.66E-13
5.46E-15 5.16E-13 -4119.138 -1.72E-13
0.75000 387.212334 1408.574 -1.72E-13
5.46E-15 5.67E-13 -4543.480 -1.77E-13
1.00000 387.212334 1455.947 -1.77E-13
5.46E-15 6.21E-13 -4982.066

COMB UEO01 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 543.872869 -1.131555 -7.50E-16
4.68E-15 5.03E-13 -4007.840 -5.01E-15
0.25000 543.872869 34.039343 -5.01E-15
4.68E-15 5.04E-13 -4012.843 -9.44E-15
0.50000 543.872869 70.645789 -9.44E-15
4.68E-15 5.06E-13 -4028.836 -1.40E-14
0.75000 543.872869 108.687781 -1.40E-14
4.68E-15 5.09E-13 -4056.260 -1.88E-14
1.00000 543.872869 148.165320 -1.88E-14
4.68E-15 5.14E-13 -4095.554

COMB UEO01 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 543.872869 -1.131555 -7.50E-16
4.68E-15 5.03E-13 -4007.840 -5.01E-15
0.25000 543.872869 34.039343 -5.01E-15
4.68E-15 5.04E-13 -4012.843 -9.44E-15
0.50000 543.872869 70.645789 -9.44E-15
4.68E-15 5.06E-13 -4028.836 -1.40E-14
0.75000 543.872869 108.687781 -1.40E-14
4.68E-15 5.09E-13 -4056.260 -1.88E-14
1.00000 543.872869 148.165320 -1.88E-14
4.68E-15 5.14E-13 -4095.554

COMB UEO02 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 308.180315 -22.550315 2.24E-15
2.60E-15 2.76E-13 -2199.594 -2.02E-15
0.25000 308.180315 12.620584 -6.45E-15
2.60E-15 2.76E-13 -2198.037 -6.45E-15
0.50000 308.180315 49.227029 -2207.040 -1.11E-14
2.60E-15 2.77E-13 86.885284 -1.11E-14
0.75000 308.180315 126.746560 -1.58E-14
2.60E-15 2.84E-13 -2261.069

COMB UEO02 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 308.180315 -22.550315 2.24E-15
2.60E-15 2.76E-13 -2199.594 -2.02E-15
0.25000 308.180315 12.620584 -6.45E-15
2.60E-15 2.76E-13 -2198.037 -6.45E-15
0.50000 308.180315 49.227029 -2207.040 -1.11E-14
2.60E-15 2.77E-13 86.885284 -1.11E-14
0.75000 308.180315 126.746560 -1.58E-14
2.60E-15 2.84E-13 -2261.069

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FRAME ELEMENT INTERNAL FORCES
COMB UEO03 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 327.038240 1390.454 -1.69E-13
5.14E-15 3.69E-13 -2927.377 -1.74E-13
0.25000 327.038240 1425.624 -1.74E-13
5.14E-15 4.22E-13 -3358.553 -1.78E-13
0.50000 327.038240 1462.231 -1.78E-13
5.14E-15 4.75E-13 -3800.719 -1.83E-13
0.75000 327.038240 1500.273 -1.83E-13
5.14E-15 5.31E-13 -4254.316 -1.87E-13
1.00000 327.038240 1539.750 -1.87E-13
5.14E-15 5.87E-13 -4719.783

COMB UEO03 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 327.038240 1390.454 -1.69E-13
5.14E-15 3.69E-13 -2927.377 -1.74E-13
0.25000 327.038240 1425.624 -1.74E-13
5.14E-15 4.22E-13 -3358.553 -1.78E-13
0.50000 327.038240 1462.231 -1.78E-13
5.14E-15 4.75E-13 -3800.719 -1.83E-13
0.75000 327.038240 1500.273 -1.83E-13
5.14E-15 5.31E-13 -4254.316 -1.87E-13
1.00000 327.038240 1539.750 -1.87E-13
5.14E-15 5.87E-13 -4719.783

COMB UEO04 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 464.801980 886.653027 -1.08E-13
5.47E-15 6.16E-13 -4928.962 -1.13E-13
0.25000 464.801980 921.823926 -1.13E-13
5.47E-15 5.06E-13 -4030.599 -1.17E-13
0.50000 464.801980 958.430371 -1.17E-13
5.47E-15 5.41E-13 -4318.476 -1.22E-13
0.75000 464.801980 996.472363 -1.22E-13
5.47E-15 5.78E-13 -4617.784 -1.26E-13
1.00000 464.801980 1035.950 -1.26E-13
5.47E-15 6.16E-13 -4928.962

5.47E-15 5.78E-13 -4617.784
1.00000 464.801980 1035.950 -1.26E-13
5.47E-15 6.16E-13 -4928.962

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FRAME ELEMENT INTERNAL FORCES
COMB UEO04 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 464.801980 886.653027 -1.08E-13
5.47E-15 6.16E-13 -4928.962 -1.13E-13
0.25000 464.801980 921.823926 -1.13E-13
5.47E-15 5.06E-13 -4030.599 -1.17E-13
0.50000 464.801980 958.430371 -1.17E-13
5.47E-15 5.41E-13 -4318.476 -1.22E-13
0.75000 464.801980 996.472363 -1.22E-13
5.47E-15 5.78E-13 -4617.784 -1.26E-13
1.00000 464.801980 1035.950 -1.26E-13
5.47E-15 6.16E-13 -4928.962

COMB UEO05 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 322.290203 873.702149 -1.07E-13
4.21E-15 3.35E-13 -2660.354 -1.11E-13
0.25000 322.290203 908.873048 -1.11E-13
4.21E-15 3.68E-13 -2933.274 -1.15E-13
0.50000 322.290203 945.479493 -1.15E-13
4.21E-15 4.03E-13 -3217.185 -1.20E-13
0.75000 322.290203 983.521485 -1.20E-13
4.21E-15 4.39E-13 -3512.527 -1.25E-13
1.00000 322.290203 1022.999 -1.25E-13
4.21E-15 4.76E-13 -3819.739

COMB UEO05 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 322.290203 873.702149 -1.07E-13
4.21E-15 3.35E-13 -2660.354 -1.11E-13
0.25000 322.290203 908.873048 -1.11E-13
4.21E-15 3.68E-13 -2933.274 -1.15E-13
0.50000 322.290203 945.479493 -1.15E-13
4.21E-15 4.03E-13 -3217.185 -1.20E-13
0.75000 322.290203 983.521485 -1.20E-13
4.21E-15 4.39E-13 -3512.527 -1.25E-13
1.00000 322.290203 1022.999 -1.25E-13
4.21E-15 4.76E-13 -3819.739

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FRAME ELEMENT INTERNAL FORCES
COMB UEO06 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 363.086595 -12.933597 7.35E-16
4.39E-15 4.72E-13 -3764.685 -3.52E-15
0.25000 363.086595 22.237302 -3.52E-15
4.39E-15 4.73E-13 -3766.073 -7.96E-15
0.50000 363.086595 58.843747 -7.96E-15
4.39E-15 4.74E-13 -3778.452 -1.26E-14
0.75000 363.086595 96.885739 -1.26E-14
4.39E-15 4.78E-13 -3802.261 -1.73E-14
1.00000 363.086595 136.363278 -1.73E-14
4.39E-15 4.82E-13 -3837.941

COMB UEO06 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 363.086595 -12.933597 7.35E-16
4.39E-15 4.72E-13 -3764.685 -3.52E-15
0.25000 363.086595 22.237302 -3.52E-15
4.39E-15 4.73E-13 -3766.073 -7.96E-15
0.50000 363.086595 58.843747 -7.96E-15
4.39E-15 4.74E-13 -3778.452 -1.26E-14
0.75000 363.086595 96.885739 -1.26E-14
4.39E-15 4.78E-13 -3802.261 -1.73E-14
1.00000 363.086595 136.363278 -1.73E-14
4.39E-15 4.82E-13 -3837.941

COMB UEO07 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 450.692092 -9.599437 4.32E-16
3.86E-15 4.13E-13 -3292.952 -3.83E-15
0.25000 450.692092 25.571462 -3.83E-15
3.86E-15 4.14E-13 -3295.361 -8.26E-15
0.50000 450.692092 62.177907 -8.26E-15
3.86E-15 4.15E-13 -3308.761 -1.29E-14
0.75000 450.692092 100.219899 -1.29E-14
3.86E-15 4.19E-13 -3333.592 -1.76E-14
1.00000 450.692092 139.697438 -1.76E-14
3.86E-15 4.23E-13 -3370.292

COMB UEO07 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 450.692092 -9.599437 4.32E-16
3.86E-15 4.13E-13 -3292.952 -3.83E-15
0.25000 450.692092 25.571462 -3.83E-15
3.86E-15 4.14E-13 -3295.361 -8.26E-15
0.50000 450.692092 62.177907 -8.26E-15
3.86E-15 4.15E-13 -3308.761 -1.29E-14
0.75000 450.692092 100.219899 -1.29E-14
3.86E-15 4.19E-13 -3333.592 -1.76E-14
1.00000 450.692092 139.697438 -1.76E-14
3.86E-15 4.23E-13 -3370.292

COMB UEO08 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 220.574818 -25.884475 2.54E-15
3.13E-15 3.35E-13 -2671.327 -1.72E-15
0.25000 220.574818 9.286424 -1.72E-15
3.13E-15 3.35E-13 -2668.748 -6.15E-15
0.50000 220.574818 45.892869 -6.15E-15
3.13E-15 3.36E-13 -2677.161 -1.08E-14
0.75000 220.574818 83.934861 -1.08E-14
3.13E-15 3.39E-13 -2697.004 -1.55E-14
1.00000 220.574818 123.412400 -1.55E-14
3.13E-15 3.43E-13 -2728.718

COMB UEO08 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 220.574818 -25.884475 2.54E-15
3.13E-15 3.35E-13 -2671.327 -1.72E-15
0.25000 220.574818 9.286424 -1.72E-15
3.13E-15 3.35E-13 -2668.748 -6.15E-15
0.50000 220.574818 45.892869 -6.15E-15
3.13E-15 3.36E-13 -2677.161 -1.08E-14
0.75000 220.574818 83.934861 -1.08E-14
3.13E-15 3.39E-13 -2697.004 -1.55E-14
1.00000 220.574818 123.412400 -1.55E-14
3.13E-15 3.43E-13 -2728.718

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REL DIST	P	V2	V3
T	M2	M3	
0.00000	443.369527	852.830371	-1.04E-13
5.23E-15	4.51E-13	-3583.969	
0.25000	443.369527	886.242724	-1.08E-13
5.23E-15	4.83E-13	-3850.229	
0.50000	443.369527	921.018847	-1.13E-13
5.23E-15	5.17E-13	-4126.393	
0.75000	443.369527	957.150040	-1.17E-13
5.23E-15	5.52E-13	-4414.493	
1.00000	443.369527	994.662402	-1.21E-13
5.23E-15	5.89E-13	-4713.330	

COMB UEO14 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	222.102918	837.171680	-1.02E-13
4.53E-15	3.76E-13	-2986.252	
0.25000	222.102918	870.584034	-1.06E-13
4.53E-15	4.08E-13	-3247.717	
0.50000	222.102918	905.360157	-1.11E-13
4.53E-15	4.41E-13	-3519.624	
0.75000	222.102918	941.500049	-1.15E-13
4.53E-15	4.75E-13	-3802.389	
1.00000	222.102918	979.003711	-1.19E-13
4.53E-15	5.11E-13	-4096.432	

COMB UEO14 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	222.102918	837.171680	-1.02E-13
4.53E-15	3.76E-13	-2986.252	
0.25000	222.102918	870.584034	-1.06E-13
4.53E-15	4.08E-13	-3247.717	
0.50000	222.102918	905.360157	-1.11E-13
4.53E-15	4.41E-13	-3519.624	
0.75000	222.102918	941.500049	-1.15E-13
4.53E-15	4.75E-13	-3802.389	
1.00000	222.102918	979.003711	-1.19E-13
4.53E-15	5.11E-13	-4096.432	

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COMB UEO15 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	306.338972	840.377603	-1.03E-13
4.02E-15	3.19E-13	-2532.662	
0.25000	306.338972	873.789957	-1.07E-13
4.02E-15	3.51E-13	-2795.110	
0.50000	306.338972	908.566080	-1.11E-13
4.02E-15	3.84E-13	-3067.998	
0.75000	306.338972	944.705972	-1.15E-13
4.02E-15	4.19E-13	-3351.746	
1.00000	306.338972	982.209635	-1.20E-13
4.02E-15	4.55E-13	-3646.770	

COMB UEO15 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	306.338972	840.377603	-1.03E-13
4.02E-15	3.19E-13	-2532.662	
0.25000	306.338972	873.789957	-1.07E-13
4.02E-15	3.51E-13	-2795.110	
0.50000	306.338972	908.566080	-1.11E-13
4.02E-15	3.84E-13	-3067.998	
0.75000	306.338972	944.705972	-1.15E-13
4.02E-15	4.19E-13	-3351.746	
1.00000	306.338972	982.209635	-1.20E-13
4.02E-15	4.55E-13	-3646.770	

COMB UEO16 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	308.170848	-22.934052	2.29E-15
2.60E-15	2.76E-13	-2199.398	
0.25000	308.170848	12.236847	-1.97E-15
2.60E-15	2.76E-13	-2197.723	
0.50000	308.170848	48.843292	-6.41E-15
2.60E-15	2.77E-13	-2207.040	
0.75000	308.170848	86.885284	-1.10E-14
2.60E-15	2.80E-13	-2227.786	
1.00000	308.170848	126.362823	-1.58E-14
2.60E-15	2.84E-13	-2260.403	

COMB UEO16 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	308.170848	-22.934052	2.29E-15
2.60E-15	2.76E-13	-2199.398	
0.25000	308.170848	12.236847	-1.97E-15
2.60E-15	2.76E-13	-2197.723	
0.50000	308.170848	48.843292	-6.41E-15
2.60E-15	2.77E-13	-2207.040	
0.75000	308.170848	86.885284	-1.10E-14
2.60E-15	2.80E-13	-2227.786	
1.00000	308.170848	126.362823	-1.58E-14
2.60E-15	2.84E-13	-2260.403	

COMB UEO17 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	450.692092	-9.599437	4.32E-16
3.86E-15	4.13E-13	-3292.952	
0.25000	450.692092	25.571462	-3.83E-15
3.86E-15	4.14E-13	-3295.361	
0.50000	450.692092	62.177907	-8.26E-15
3.86E-15	4.15E-13	-3308.761	
0.75000	450.692092	100.219899	-1.29E-14
3.86E-15	4.19E-13	-3333.592	
1.00000	450.692092	139.697438	-1.76E-14
3.86E-15	4.23E-13	-3370.292	

COMB UEO17 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	450.692092	-9.599437	4.32E-16
3.86E-15	4.13E-13	-3292.952	
0.25000	450.692092	25.571462	-3.83E-15
3.86E-15	4.14E-13	-3295.361	
0.50000	450.692092	62.177907	-8.26E-15
3.86E-15	4.15E-13	-3308.761	
0.75000	450.692092	100.219899	-1.29E-14
3.86E-15	4.19E-13	-3333.592	
1.00000	450.692092	139.697438	-1.76E-14
3.86E-15	4.23E-13	-3370.292	

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COMB UEO18 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	294.770546	1284.054	-1.56E-13
4.68E-15	3.34E-13	-2651.454	
0.25000	294.770546	1315.708	-1.60E-13
4.68E-15	3.83E-13	-3049.510	
0.50000	294.770546	1348.654	-1.64E-13
4.68E-15	4.32E-13	-3457.457	
0.75000	294.770546	1382.892	-1.68E-13
4.68E-15	4.83E-13	-3875.692	
1.00000	294.770546	1418.422	-1.73E-13
4.68E-15	5.36E-13	-4304.611	

COMB UEO18 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	294.770546	1284.054	-1.56E-13
4.68E-15	3.34E-13	-2651.454	
0.25000	294.770546	1315.708	-1.60E-13
4.68E-15	3.83E-13	-3049.510	
0.50000	294.770546	1348.654	-1.64E-13
4.68E-15	4.32E-13	-3457.457	
0.75000	294.770546	1382.892	-1.68E-13
4.68E-15	4.83E-13	-3875.692	
1.00000	294.770546	1418.422	-1.73E-13
4.68E-15	5.36E-13	-4304.611	

COMB ENVBULT ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	636.273637	-10.058368	1.84E-16
5.45E-15	5.85E-13	-4666.615	
0.25000	636.273637	35.663800	-5.35E-15
5.45E-15	5.86E-13	-4670.488	
0.50000	636.273637	83.252179	-1.11E-14
5.45E-15	5.89E-13	-4688.649	
0.75000	636.273637	132.706768	-1.71E-14
5.45E-15	5.93E-13	-4721.670	
1.00000	636.273637	184.027569	-2.33E-14
5.45E-15	5.99E-13	-4770.123	

COMB ENVBULT ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	636.273637	-10.058368	1.84E-16
5.45E-15	5.85E-13	-4666.615	
0.25000	636.273637	35.663800	-5.35E-15
5.45E-15	5.86E-13	-4670.488	
0.50000	636.273637	83.252179	-1.11E-14
5.45E-15	5.89E-13	-4688.649	
0.75000	636.273637	132.706768	-1.71E-14
5.45E-15	5.93E-13	-4721.670	
1.00000	636.273637	184.027569	-2.33E-14
5.45E-15	5.99E-13	-4770.123	

COMB ENVBECC ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	543.831848	-2.794416	2.44E-15
4.68E-15	5.03E-13	-2198.745	
0.25000	543.831848	32.376483	-1.82E-15
4.68E-15	5.03E-13	-2196.679	
0.50000	543.831848	68.982928	-6.25E-15
4.68E-15	5.06E-13	-2205.603	
0.75000	543.831848	107.024920	-1.09E-14
4.68E-15	5.09E-13	-2225.958	
1.00000	543.831848	146.502459	-1.56E-14
4.68E-15	5.14E-13	-2258.183	

COMB ENVBECC ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	308.139294	-24.213177	-5.48E-16
2.59E-15	2.76E-13	-4006.991	
0.25000	308.139294	10.957723	-4.81E-15
2.59E-15	2.76E-13	-4011.484	
0.50000	308.139294	47.584168	-9.24E-15
2.59E-15	2.77E-13	-4026.968	
0.75000	308.139294	85.806101	-1.38E-14
2.59E-15	2.80E-13	-4053.883	
1.00000	308.139294	125.083700	-1.86E-14
2.59E-15	2.84E-13	-4092.668	

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COMB ENVOLULT ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	636.314657	-8.395508	-1.75E-17
5.46E-15	5.85E-13	-4667.464	
0.25000	636.314657	37.326660	-5.55E-15
5.46E-15	5.86E-13	-4671.846	
0.50000	636.314657	84.915039	-1.13E-14
5.46E-15	5.89E-13	-4690.517	
0.75000	636.314657	135.686789	-1.73E-14
5.46E-15	5.93E-13	-4724.047	
1.00000	636.314657	185.690430	-2.35E-14
5.46E-15	6.00E-13	-4773.009	

COMB ENVOLULT ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	636.314657	-8.395508	-1.75E-17
5.46E-15	5.85E-13	-4667.464	
0.25000	636.314657	37.326660	-5.55E-15
5.46E-15	5.86E-13	-4671.846	
0.50000	636.314657	84.915039	-1.13E-14
5.46E-15	5.89E-13	-4690.517	
0.75000	636.314657	134.369629	-1.73E-14
5.46E-15	5.93E-13	-4724.047	
1.00000	636.314657	185.690430	-2.35E-14
5.46E-15	6.00E-13	-4773.009	

COMB ENVOLULT ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	543.872869	-1.131555	2.24E-15
4.68E-15	5.03E-13	-2199.594	
0.25000	543.872869	34.039343	-2.02E-15
4.68E-15	5.04E-13	-2198.307	
0.50000	543.872869	70.645789	-6.45E-15
4.68E-15	5.06E-13	-2207.470	
0.75000	543.872869	108.687781	-1.11E-14
4.68E-15	5.09E-13	-2228.335	

						COMB SVB08						MIN						4.440679 -8.026101 -3148.248 0.50000 417.763738 199.030288 8.098594 4.440679 -9.065557 -3192.863 0.75000 417.763738 231.022476 8.866406 4.440679 -11.974166 -3245.276 1.00000 417.763738 263.014663 9.634219 4.440679 -14.228930 -3305.486						3.37E-15 3.69E-13 -2935.638 0.25000 400.581082 244.198653 -2.54E-14 3.37E-15 3.74E-13 -2980.343 0.50000 400.581082 245.788497 -3.04E-14 3.37E-15 3.81E-13 -3035.185 0.75000 400.581082 287.378341 -3.54E-14 3.37E-15 3.89E-13 -3100.165 1.00000 400.581082 328.968185 -4.05E-14 3.37E-15 3.98E-13 -3175.282																	
COMB SVB04						MIN						REL DIST T P M2 M3 V3 4.440679 -6.332801 -3111.432 6.562969 0.25000 417.763738 167.038101 7.330781 4.440679 -8.026101 -3148.248 8.098594 0.50000 417.763738 199.030288 4.440679 -9.065557 -3192.863 0.75000 417.763738 231.022476 8.866406 4.440679 -11.974166 -3245.276 9.634219 1.00000 417.763738 263.014663 4.440679 -14.228930 -3305.486 Program SAP2000 Nonlinear Version 7.42 File:청도교상행_P9_본체.OUT						COMB SVB09						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 -1.56E-14 2.59E-15 2.84E-13 -2258.183 0.25000 308.139294 157.075887 -1.95E-14 2.59E-15 2.88E-13 -2292.572 0.50000 308.139294 189.068075 -2.34E-14 2.59E-15 2.93E-13 -2334.758 0.75000 308.139294 221.060262 -2.73E-14 2.59E-15 2.99E-13 -2384.742 1.00000 308.139294 253.052450 -3.11E-14 2.59E-15 3.06E-13 -2442.525						COMB SVB13						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 -1.56E-14 2.59E-15 2.84E-13 -2258.183 0.25000 308.139294 157.075887 -1.95E-14 2.59E-15 2.88E-13 -2292.572 0.50000 308.139294 189.068075 -2.34E-14 2.59E-15 2.93E-13 -2334.758 0.75000 308.139294 221.060262 -2.73E-14 2.59E-15 2.99E-13 -2384.742 1.00000 308.139294 253.052450 -3.11E-14 2.59E-15 3.06E-13 -2442.525					
REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 6.562969 4.440679 -6.332801 -3111.432 0.25000 308.139294 167.038101 7.330781 4.440679 -8.026101 -3148.248 0.50000 308.139294 199.030288 4.440679 -9.065557 -3192.863 0.75000 308.139294 231.022476 8.866406 4.440679 -11.974166 -3245.276 1.00000 308.139294 263.014663 4.440679 -14.228930 -3305.486 Program SAP2000 Nonlinear Version 7.42 File:청도교상행_P9_본체.OUT						COMB SVB05						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 6.562969 4.440679 -6.332801 -3111.432 0.25000 308.139294 167.038101 7.330781 4.440679 -8.026101 -3148.248 0.50000 308.139294 199.030288 4.440679 -9.065557 -3192.863 0.75000 308.139294 231.022476 8.866406 4.440679 -11.974166 -3245.276 1.00000 308.139294 263.014663 4.440679 -14.228930 -3305.486						COMB SVB14						MIN REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 23.657043 89.338492 -244.829530 -2258.183 25.192668 0.25000 308.139294 157.075887 89.338492 -250.783089 -2292.572 26.728293 0.50000 308.139294 189.068075 89.338492 -257.110956 -2334.758 28.263918 0.75000 308.139294 221.060262 89.338492 -263.813132 -2384.742 29.799543 1.00000 308.139294 253.052450 89.338492 -270.889616 -2442.525						COMB SVB15						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 23.657043 89.338492 -244.829530 -2258.183 25.192668 0.25000 308.139294 157.075887 89.338492 -250.783089 -2292.572 26.728293 0.50000 308.139294 189.068075 89.338492 -257.110956 -2334.758 28.263918 0.75000 308.139294 221.060262 89.338492 -263.813132 -2384.742 29.799543 1.00000 308.139294 253.052450 89.338492 -270.889616 -2442.525					
REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 6.562969 4.440679 -6.332801 -3111.432 0.25000 308.139294 167.038101 7.330781 4.440679 -8.026101 -3148.248 0.50000 308.139294 199.030288 4.440679 -9.065557 -3192.863 0.75000 308.139294 231.022476 8.866406 4.440679 -11.974166 -3245.276 1.00000 308.139294 263.014663 4.440679 -14.228930 -3305.486						COMB SVB06						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 6.562969 4.440679 -6.332801 -3111.432 0.25000 308.139294 167.038101 7.330781 4.440679 -8.026101 -3148.248 0.50000 308.139294 199.030288 4.440679 -9.065557 -3192.863 0.75000 308.139294 231.022476 8.866406 4.440679 -11.974166 -3245.276 1.00000 308.139294 263.014663 4.440679 -14.228930 -3305.486						COMB SVB11						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -12.665601 -2258.183 14.661563 0.50000 308.139294 189.068075 88.81358 -16.052203 -2292.572 16.197188 0.75000 308.139294 221.060262 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525						COMB SVB12						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525					
REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 6.562969 4.440679 -6.332801 -3111.432 0.25000 308.139294 167.038101 7.330781 4.440679 -8.026101 -3148.248 0.50000 308.139294 199.030288 4.440679 -9.065557 -3192.863 0.75000 308.139294 231.022476 8.866406 4.440679 -11.974166 -3245.276 1.00000 308.139294 263.014663 4.440679 -14.228930 -3305.486						COMB SVB07						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 6.562969 4.440679 -6.332801 -3111.432 0.25000 308.139294 167.038101 7.330781 4.440679 -8.026101 -3148.248 0.50000 308.139294 199.030288 4.440679 -9.065557 -3192.863 0.75000 308.139294 231.022476 8.866406 4.440679 -11.974166 -3245.276 1.00000 308.139294 263.014663 4.440679 -14.228930 -3305.486						COMB SVB16						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525						COMB SVB17						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525					
REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 6.562969 4.440679 -6.332801 -3111.432 0.25000 308.139294 167.038101 7.330781 4.440679 -8.026101 -3148.248 0.50000 308.139294 199.030288 4.440679 -9.065557 -3192.863 0.75000 308.139294 231.022476 8.866406 4.440679 -11.974166 -3245.276 1.00000 308.139294 263.014663 4.440679 -14.228930 -3305.486						COMB SVB08						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525						COMB SVB18						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525						COMB SVB19						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525					
REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 6.562969 4.440679 -6.332801 -3111.432 0.25000 308.139294 167.038101 7.330781 4.440679 -8.026101 -3148.248 0.50000 308.139294 199.030288 4.440679 -9.065557 -3192.863 0.75000 308.139294 231.022476 8.866406 4.440679 -11.974166 -3245.276 1.00000 308.139294 263.014663 4.440679 -14.228930 -3305.486						COMB SVB09						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525						COMB SVB20						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525						COMB SVB21						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525					
REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 6.562969 4.440679 -6.332801 -3111.432 0.25000 308.139294 167.038101 7.330781 4.440679 -8.026101 -3148.248 0.50000 308.139294 199.030288 4.440679 -9.065557 -3192.863 0.75000 308.139294 231.022476 8.866406 4.440679 -11.974166 -3245.276 1.00000 308.139294 263.014663 4.440679 -14.228930 -3305.486						COMB SVB10						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525						COMB SVB22						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525						COMB SVB23						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525					
REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 6.562969 4.440679 -6.332801 -3111.432 0.25000 308.139294 167.038101 7.330781 4.440679 -8.026101 -3148.248 0.50000 308.139294 199.030288 4.440679 -9.065557 -3192.863 0.75000 308.139294 231.022476 8.866406 4.440679 -11.974166 -3245.276 1.00000 308.139294 263.014663 4.440679 -14.228930 -3305.486						COMB SVB11						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525						COMB SVB24						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525						COMB SVB25						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.139294 253.052450 88.81358 -23.948332 -2384.742 19.268438 88.81358 -28.457859 -2442.525					
REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 6.562969 4.440679 -6.332801 -3111.432 0.25000 308.139294 167.038101 7.330781 4.440679 -8.026101 -3148.248 0.50000 308.139294 199.030288 4.440679 -9.065557 -3192.863 0.75000 308.139294 231.022476 8.866406 4.440679 -11.974166 -3245.276 1.00000 308.139294 263.014663 4.440679 -14.228930 -3305.486						COMB SVB12						MAX REL DIST T P M2 M3 V3 0.00000 308.139294 125.083700 13.125938 88.81358 -12.665601 -2258.183 14.661563 0.25000 308.139294 157.075887 88.81358 -16.052203 -2292.572 16.197188 0.50000 308.139294 189.068075 88.81358 -19.813113 -2334.758 17.732813 1.00000 308.1																													

1.00000 543.092859 341.919063 -4.23E-14				0.75000 385.174117 276.325328 22.166016				REL DIST T P M2 V2 V3				COMB UEB03 ----- MAX			
4.63E-15 5.39E-13 -4297.132				11.101697 -29.935415 -2980.928				0.00000 308.139294 125.083700 -1.56E-14				REL DIST T P M2 V2 V3			
COMB ULB07 ----- MIN				1.00000 385.174117 316.315562 24.085547				2.59E-15 2.84E-13 -2258.183 -1.95E-14				0.00000 308.139294 125.083700 17.063719			
REL DIST T P M2 V2 V3				COMB ULB12 ----- MAX				0.25000 308.139294 157.075887 -1.95E-14				11.545765 -16.465282 -2258.183			
0.00000 543.092859 175.559688 -2.21E-14				REL DIST T P M2 V2 V3				0.50000 308.139294 189.068075 -2.34E-14				11.545765 -20.867864 -2292.572			
4.63E-15 5.08E-13 -4044.862				0.00000 522.204672 168.807392 21.367593				2.59E-15 2.93E-13 -2334.758 -2.73E-14				0.50000 308.139294 189.068075 21.056344			
0.25000 543.092859 217.149531 -2.72E-14				106.122266 -298.120912 -3889.290				2.59E-15 2.99E-13 -2384.742 -3.11E-14				11.545765 -25.757047 -2334.758			
4.63E-15 5.14E-13 -4092.723				0.25000 522.204672 208.797626 22.327358				1.00000 308.139294 253.052450 -3.11E-14				0.75000 308.139294 221.060262 23.052656			
0.50000 543.092859 258.739375 -3.22E-14				106.122266 -303.446234 -3935.311				2.59E-15 3.06E-13 -2442.525				11.545765 -31.132831 -2384.742			
4.63E-15 5.21E-13 -4150.722				0.50000 522.204672 248.787861 23.287124				Program SAP2000 Nonlinear Version 7.42				1.00000 308.139294 253.052450 25.048969			
0.75000 543.092859 300.329219 -3.72E-14				106.122266 -320.4672 248.787861 -3991.079				File:청도1교상행_P9_본체.OUT				11.545765 -36.995217 -2442.525			
4.63E-15 5.30E-13 -4218.858				0.75000 522.204672 288.778095 24.246890				Page 595				COMB UEB03 ----- MIN			
1.00000 543.092859 341.919063 -4.23E-14				106.122266 -314.798707 -4056.595				: AAbutPier SAP2000 6-7 데이트파일 : 교각 본체				REL DIST T P M2 V2 V3			
4.63E-15 5.39E-13 -4297.132				106.122266 -320.825858 -4131.858				FRAME ELEMENT INTERNAL FORCES				0.00000 308.139294 125.083700 17.063719			
File:청도1교상행_P9_본체.OUT				106.122266 -320.825858 -4131.858				COMB ULB17 ----- MAX				11.545765 -16.465282 -2258.183			
Page 592				COMB ULB12 ----- MIN				REL DIST T P M2 V2 V3				0.25000 308.139294 157.075887 19.060031			
: AAbutPier SAP2000 6-7 데이트파일 : 교각 본체				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				11.545765 -20.867864 -2292.572			
FRAME ELEMENT INTERNAL FORCES				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				11.545765 -25.757047 -2334.758			
COMB ULB08 ----- MAX				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				0.50000 308.139294 189.068075 21.056344			
REL DIST T P M2 V2 V3				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				11.545765 -25.757047 -2334.758			
0.00000 400.581082 162.608810 13.690437				0.00000 522.204672 168.807392 21.367593				COMB ULB17 ----- MAX				0.75000 308.139294 221.060262 23.052656			
104.594274 -301.813108 -2935.638				106.122266 -298.120912 -3889.290				COMB ULB17 ----- MAX				11.545765 -31.132831 -2384.742			
0.25000 400.581082 204.198653 13.690437				0.25000 522.204672 208.797626 22.327358				COMB ULB17 ----- MAX				1.00000 308.139294 253.052450 25.048969			
104.594274 -305.150152 -2980.343				0.50000 522.204672 248.787861 23.287124				COMB ULB17 ----- MAX				11.545765 -36.995217 -2442.525			
0.50000 400.581082 245.788497 13.690437				0.75000 522.204672 288.778095 24.246890				COMB ULB17 ----- MAX				REL DIST T P M2 V2 V3			
104.594274 -308.487196 -3035.185				106.122266 -314.798707 -4056.595				COMB ULB17 ----- MAX				0.00000 450.651071 138.034578 8.531859			
0.75000 400.581082 287.378341 13.690437				1.00000 522.204672 328.768329 25.206655				COMB ULB17 ----- MAX				5.772883 -8.232641 -3367.407			
104.594274 -311.824240 -3100.165				106.122266 -320.825858 -4131.858				COMB ULB17 ----- MAX				0.25000 450.651071 170.026765 9.530016			
1.00000 400.581082 328.968185 13.690437				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				5.772883 -10.433932 -3404.951			
104.594274 -315.161284 -3175.282				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				0.50000 450.651071 202.018953 10.528172			
COMB ULB08 ----- MIN				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				5.772883 -12.878524 -3450.295			
REL DIST T P M2 V2 V3				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				0.75000 450.651071 234.011140 11.526328			
0.00000 400.581082 162.608810 13.690437				5.550849 -7.916001 -3889.290				COMB ULB17 ----- MAX				5.772883 -15.566416 -3503.436			
104.594274 -301.813108 -2935.638				0.25000 522.204672 208.797626 22.327358				COMB ULB17 ----- MAX				0.00000 450.651071 266.003328 12.524484			
0.25000 400.581082 204.198653 13.690437				5.550849 -10.032627 -3935.311				COMB ULB17 ----- MAX				5.772883 -18.497609 -3564.735			
104.594274 -305.150152 -2980.343				0.50000 522.204672 248.787861 23.287124				COMB ULB17 ----- MAX				REL DIST T P M2 V2 V3			
0.50000 400.581082 245.788497 13.690437				0.75000 522.204672 288.778095 24.246890				COMB ULB17 ----- MAX				0.00000 450.651071 138.034578 8.531859			
104.594274 -308.487196 -3035.185				106.122266 -314.798707 -4056.595				COMB ULB17 ----- MAX				5.772883 -8.232641 -3367.407			
0.75000 400.581082 287.378341 13.690437				1.00000 522.204672 328.768329 25.206655				COMB ULB17 ----- MAX				0.25000 450.651071 170.026765 9.530016			
104.594274 -311.824240 -3100.165				106.122266 -320.825858 -4131.858				COMB ULB17 ----- MAX				5.772883 -10.433932 -3404.951			
1.00000 400.581082 328.968185 13.690437				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				0.50000 450.651071 202.018953 10.528172			
104.594274 -315.161284 -3175.282				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				5.772883 -12.878524 -3450.295			
COMB ULB09 ----- MAX				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				0.75000 450.651071 234.011140 11.526328			
REL DIST T P M2 V2 V3				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				5.772883 -15.566416 -3503.436			
0.00000 400.581082 162.608810 -2.03E-14				5.550849 -12.383196 -3991.079				COMB ULB17 ----- MAX				0.00000 450.651071 266.003328 12.524484			
3.37E-15 3.69E-13 -2935.638				0.75000 522.204672 288.778095 24.246890				COMB ULB17 ----- MAX				5.772883 -18.497609 -3564.735			
0.25000 400.581082 204.198653 -2.54E-14				1.00000 522.204672 328.768329 25.206655				COMB ULB17 ----- MAX				REL DIST T P M2 V2 V3			
3.37E-15 3.74E-13 -2980.343				106.122266 -314.798707 -4056.595				COMB ULB17 ----- MAX				0.00000 450.651071 138.034578 8.531859			
0.50000 400.581082 245.788497 -3.04E-14				1.00000 522.204672 328.768329 25.206655				COMB ULB17 ----- MAX				5.772883 -8.232641 -3367.407			
3.37E-15 3.81E-13 -3035.185				106.122266 -320.825858 -4131.858				COMB ULB17 ----- MAX				0.25000 450.651071 170.026765 9.530016			
0.75000 400.581082 287.378341 -3.54E-14				106.122266 -320.825858 -4131.858				COMB ULB17 ----- MAX				5.772883 -10.433932 -3404.951			
3.37E-15 3.89E-13 -3100.165				106.122266 -320.825858 -4131.858				COMB ULB17 ----- MAX				0.50000 450.651071 202.018953 10.528172			
1.00000 400.581082 328.968185 -4.05E-14				106.122266 -320.825858 -4131.858				COMB ULB17 ----- MAX				5.772883 -12.878524 -3450.295			
3.37E-15 3.98E-13 -3175.282				106.122266 -320.825858 -4131.858				COMB ULB17 ----- MAX				0.75000 450.651071 234.011140 11.526328			
COMB ULB10 ----- MAX				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				5.772883 -15.566416 -3503.436			
REL DIST T P M2 V2 V3				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				0.00000 450.651071 266.003328 12.524484			
0.00000 385.174117 156.354625 29.571304				0.00000 522.204672 168.807392 8.203711				COMB ULB17 ----- MAX				5.772883 -18.497609 -3564.735			
111.673115 -306.036913 -2822.729				5.550849 -7.916001 -3889.290				COMB ULB17 ----- MAX				REL DIST T P M2 V2 V3			
0.25000 385.174117 196.344859 31.490383				0.25000 522.204672 208.797626 22.327358				COMB ULB17 ----- MAX				0.00000 308.139294 125.083700 17.063719			
111.673115 -313.478861 -2865.715				0.50000 522.204672 248.787861 23.287124				COMB ULB17 ----- MAX				11.545765 -16.465282 -2258.183			
0.50000 385.174117 236.335093 33.410366				0.75000 522.204672 288.778095 24.246890				COMB ULB17 ----- MAX				0.25000 308.139294 157.075887 19.060031			
111.673115 -321.388695 -2918.447				106.122266 -303.446234 -3935.311				COMB ULB17 ----- MAX				11.545765 -20.867864 -2292.572			
0.75000 385.174117 276.325328 35.329898				106.122266 -309.005499 -3991.079				COMB ULB17 ----- MAX				0.50000 308.139294 189.068075 21.056344			
111.673115 -329.766415 -2980.928				106.122266 -314.798707 -4056.595				COMB ULB17 ----- MAX				11.545765 -25.757047 -2334.758			
1.00000 385.174117 316.315562 37.249429				106.122266 -319.005499 -4056.595				COMB ULB17 ----- MAX				0.75000 308.139294 221.060262 23.052656			
111.673115 -338.612020 -3053.156				106.122266 -324.798707 -4056.595				COMB ULB17 ----- MAX				11.545765 -31.132831 -2384.742			
COMB ULB10 ----- MIN				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				1.00000 308.139294 253.052450 25.048969			
REL DIST T P M2 V2 V3				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				11.545765 -36.995217 -2442.525			
0.00000 385.174117 156.354625 29.571304				0.00000 522.204672 168.807392 8.203711				COMB ULB17 ----- MAX				REL DIST T P M2 V2 V3			
111.673115 -306.036913 -2822.729				5.550849 -7.916001 -3889.290				COMB ULB17 ----- MAX				0.00000 450.651071 138.034578 8.531859			
0.25000 385.174117 196.344859 31.490383				0.25000 522.204672 208.797626 22.327358				COMB ULB17 ----- MAX				5.772883 -8.232641 -3367.407			
111.673115 -313.478861 -2865.715				0.50000 522.204672 248.787861 23.287124				COMB ULB17 ----- MAX				0.25000 450.651071 170.026765 9.530016			
0.50000 385.174117 236.335093 33.410366				0.75000 522.204672 288.778095 24.246890				COMB ULB17 ----- MAX				5.772883 -10.433932 -3404.951			
111.673115 -321.388695 -2918.447				106.122266 -303.446234 -3935.311				COMB ULB17 ----- MAX				0.50000 450.651071 202.018953 10.528172			
0.75000 385.174117 276.325328 35.329898				106.122266 -309.005499 -3991.079				COMB ULB17 ----- MAX				5.772883 -12.878524 -3450.295			
111.673115 -329.766415 -2980.928				106.122266 -314.798707 -4056.595				COMB ULB17 ----- MAX				0.75000 450.651071 234.011140 11.526328			
1.00000 385.174117 316.315562 37.249429				106.122266 -319.005499 -4056.595				COMB ULB17 ----- MAX				5.772883 -15.566416 -3503.436			
111.673115 -338.612020 -3053.156				106.122266 -324.798707 -4056.595				COMB ULB17 ----- MAX				1.00000 450.651071 266.003328 12.524484			
Program SAP2000 Nonlinear Version 7.42				106.122266 -320.825858 -4131.858				COMB ULB17 ----- MAX				5.772883 -18.497609 -3564.735			
File:청도1교상행_P9_본체.OUT				106.122266 -320.825858 -4131.858				COMB ULB17 ----- MAX				REL DIST T P M2 V2 V3			
Page 593				COMB ULB15 ----- MIN				COMB ULB17 ----- MAX				0.00000 308.139294 125.083700 17.063719			
: AAbutPier SAP2000 6-7 데이트파일 : 교각 본체				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				11.545765 -16.465282 -2258.183			
FRAME ELEMENT INTERNAL FORCES				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				0.25000 308.139294 157.075887 19.060031			
COMB ULB11 ----- MAX				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				11.545765 -20.867864 -2292.572			
REL DIST T P M2 V2 V3				REL DIST T P M2 V2 V3				COMB ULB17 ----- MAX				0.50000 308.139294 189.068075 21.056344			
0.00000 385.174117 156.354625 16.407422				0.00000 522.204672 168.807392 21.367593				COMB ULB17 ----- MAX				11.545765 -25.757047 -2334.758			
11.101697 -15.832002 -2822.729				106.122266 -298.120912 -3889.290				COMB ULB17 ----- MAX				0.75000 308.139294 221.060262 23.052656			
0.25000 385.174117 196.344859 18.326953				0.25000 522.204672 208.797626 22.327358				COMB ULB17 ----- MAX				11.545765 -31.132831 -2384.742			
11.101697 -20.065254 -2865.715				0.50000 522.204672 248.787861 23.287124				COMB ULB17 ----- MAX				1.00000 308.139294 253.052450 25.048969			
0.50000 385.174117 236.335093 20.246485				0.75000 522.204672 288.778095 24.246890				COMB ULB17 ----- MAX				11.545765 -36.995217 -2442.525			
11.101697 -29.935415 -2980.928				106.122266 -303.446234 -3935.311				COMB ULB17 ----- MAX				REL DIST T P M2 V2 V3			
1.00000 385.174117 316.315562 24.															

3.85E-15 4.28E-13 -3404.951
0.50000 450.651071 202.018953
3.85E-15 4.33E-13 250.295
0.75000 450.651071 234.011140
3.85E-15 4.40E-13 -3503.436
1.00000 450.651071 266.003328
3.85E-15 4.48E-13 -3564.375
Program SAP2000 Nonlinear Version 7.42
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F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB UEB08 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 125.083700 13.690437
104.594274 -301.813108 -2258.183
0.25000 308.139294 157.075887 13.690437
104.594274 -305.150152 -2292.572
0.50000 308.139294 189.068075 13.690437
104.594274 -308.487196 -2334.758
0.75000 308.139294 221.060262 13.690437
104.594274 -311.824240 -2384.742
1.00000 308.139294 253.052450 13.690437
104.594274 -315.161284 -2442.525

COMB UEB08 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 125.083700 13.690437
104.594274 -301.813108 -2258.183
0.25000 308.139294 157.075887 13.690437
104.594274 -305.150152 -2292.572
0.50000 308.139294 189.068075 13.690437
104.594274 -308.487196 -2334.758
0.75000 308.139294 221.060262 13.690437
104.594274 -311.824240 -2384.742
1.00000 308.139294 253.052450 13.690437
104.594274 -315.161284 -2442.525

COMB UEB09 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 125.083700 -1.56E-14
2.59E-15 2.84E-13 -2258.183
0.25000 308.139294 157.075887 -1.95E-14
2.59E-15 2.88E-13 -2292.572
0.50000 308.139294 189.068075 -2.34E-14
2.59E-15 2.93E-13 -2334.758
0.75000 308.139294 221.060262 -2.73E-14
2.59E-15 2.99E-13 -2384.742
1.00000 308.139294 253.052450 -3.11E-14
2.59E-15 3.06E-13 -2442.525

COMB UEB09 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 125.083700 -1.56E-14
2.59E-15 2.84E-13 -2258.183
0.25000 308.139294 157.075887 -1.95E-14
2.59E-15 2.88E-13 -2292.572
0.50000 308.139294 189.068075 -2.34E-14
2.59E-15 2.93E-13 -2334.758
0.75000 308.139294 221.060262 -2.73E-14
2.59E-15 2.99E-13 -2384.742
1.00000 308.139294 253.052450 -3.11E-14
2.59E-15 3.06E-13 -2442.525

COMB UEB10 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 292.732329 118.829515 29.571304
111.673115 -306.036913 -2145.274
0.25000 292.732329 149.222093 31.490835
111.673115 -313.478861 -2177.943
0.50000 292.732329 179.614671 33.410366
111.673115 -321.388695 -2218.020
0.75000 292.732329 210.007249 35.329898
111.673115 -329.766415 -2265.505
1.00000 292.732329 240.399827 37.249429
111.673115 -338.612020 -2320.399

COMB UEB10 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 292.732329 118.829515 29.571304
111.673115 -306.036913 -2145.274
0.25000 292.732329 149.222093 31.490835
111.673115 -313.478861 -2177.943
0.50000 292.732329 179.614671 33.410366
111.673115 -321.388695 -2218.020
0.75000 292.732329 210.007249 35.329898
111.673115 -329.766415 -2265.505
1.00000 292.732329 240.399827 37.249429
111.673115 -338.612020 -2320.399
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F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB UEB11 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 292.732329 118.829515 16.407422
11.101697 -15.832002 -2145.274
0.25000 292.732329 149.222093 18.326953
11.101697 -20.065254 -2177.943
0.50000 292.732329 179.614671 20.246485
11.101697 -24.766391 -2218.020
0.75000 292.732329 210.007249 22.166016
11.101697 -29.935415 -2265.505
1.00000 292.732329 240.399827 24.085547
11.101697 -35.572324 -2320.399

COMB UEB11 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 292.732329 118.829515 16.407422
11.101697 -15.832002 -2145.274
0.25000 292.732329 149.222093 18.326953
11.101697 -20.065254 -2177.943
0.50000 292.732329 179.614671 20.246485
11.101697 -24.766391 -2218.020
0.75000 292.732329 210.007249 22.166016
11.101697 -29.935415 -2265.505
1.00000 292.732329 240.399827 24.085547
11.101697 -35.572324 -2320.399

COMB UEB12 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 429.762884 131.282282 21.367593

106.122266 -298.120912 -3211.835
0.25000 429.762884 161.674860 22.327358
106.122266 -303.446234 -3247.539
0.50000 429.762884 192.067438 23.287124
106.122266 -309.005499 -3290.651
0.75000 429.762884 222.460016 24.246890
106.122266 -314.798707 -3341.172
1.00000 429.762884 252.852594 25.206655
106.122266 -320.825858 -3399.101

COMB UEB12 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 429.762884 131.282282 21.367593
106.122266 -298.120912 -3211.835
0.25000 429.762884 161.674860 22.327358
106.122266 -303.446234 -3247.539
0.50000 429.762884 192.067438 23.287124
106.122266 -309.005499 -3290.651
0.75000 429.762884 222.460016 24.246890
106.122266 -314.798707 -3341.172
1.00000 429.762884 252.852594 25.206655
106.122266 -320.825858 -3399.101

COMB UEB13 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 429.762884 131.282282 8.203711
5.550849 -7.916001 -3211.835
0.25000 429.762884 161.674860 9.163477
5.550849 -10.032627 -3247.539
0.50000 429.762884 192.067438 10.123242
5.550849 -12.383196 -3290.651
0.75000 429.762884 222.460016 11.083008
5.550849 -14.967707 -3341.172
1.00000 429.762884 252.852594 12.042774
5.550849 -17.786162 -3399.101

COMB UEB13 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 429.762884 131.282282 8.203711
5.550849 -7.916001 -3211.835
0.25000 429.762884 161.674860 9.163477
5.550849 -10.032627 -3247.539
0.50000 429.762884 192.067438 10.123242
5.550849 -12.383196 -3290.651
0.75000 429.762884 222.460016 11.083008
5.550849 -14.967707 -3341.172
1.00000 429.762884 252.852594 12.042774
5.550849 -17.786162 -3399.101
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L F O R C E S

COMB UEB14 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 292.732329 118.829515 21.367593
106.122266 -298.120912 -2145.274
0.25000 292.732329 149.222093 22.327358
106.122266 -303.446234 -2177.943
0.50000 292.732329 179.614671 23.287124
106.122266 -309.005499 -2218.020
0.75000 292.732329 210.007249 24.246890
106.122266 -314.798707 -2265.505
1.00000 292.732329 240.399827 25.206655
106.122266 -320.825858 -2320.399

COMB UEB14 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 292.732329 118.829515 21.367593
106.122266 -298.120912 -2145.274
0.25000 292.732329 149.222093 22.327358
106.122266 -303.446234 -2177.943
0.50000 292.732329 179.614671 23.287124
106.122266 -309.005499 -2218.020
0.75000 292.732329 210.007249 24.246890
106.122266 -314.798707 -2265.505
1.00000 292.732329 240.399827 25.206655
106.122266 -320.825858 -2320.399

COMB UEB15 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 292.732329 118.829515 8.203711
5.550849 -7.916001 -2145.274
0.25000 292.732329 149.222093 9.163477
5.550849 -10.032627 -2177.943
0.50000 292.732329 179.614671 10.123242
5.550849 -12.383196 -2218.020
0.75000 292.732329 210.007249 11.083008
5.550849 -14.967707 -2265.505
1.00000 292.732329 240.399827 12.042774
5.550849 -17.786162 -2320.399

COMB UEB15 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 292.732329 118.829515 8.203711
5.550849 -7.916001 -2145.274
0.25000 292.732329 149.222093 9.163477
5.550849 -10.032627 -2177.943
0.50000 292.732329 179.614671 10.123242
5.550849 -12.383196 -2218.020
0.75000 292.732329 210.007249 11.083008
5.550849 -14.967707 -2265.505
1.00000 292.732329 240.399827 12.042774
5.550849 -17.786162 -2320.399

COMB UEB16 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 125.083700 -1.56E-14
2.59E-15 2.84E-13 -2258.183
0.25000 308.139294 157.075887 -1.95E-14
2.59E-15 2.88E-13 -2292.572
0.50000 308.139294 189.068075 -2.34E-14
2.59E-15 2.93E-13 -2334.758
0.75000 308.139294 221.060262 -2.73E-14
2.59E-15 2.99E-13 -2384.742
1.00000 308.139294 253.052450 -3.11E-14
2.59E-15 3.06E-13 -2442.525

COMB UEB16 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.139294 125.083700 -1.56E-14
2.59E-15 2.84E-13 -2258.183
0.25000 308.139294 157.075887 -1.95E-14
2.59E-15 2.88E-13 -2292.572
0.50000 308.139294 189.068075 -2.34E-14
2.59E-15 2.93E-13 -2334.758
0.75000 308.139294 221.060262 -2.73E-14
2.59E-15 2.99E-13 -2384.742

1.00000 308.139294 253.052450 -3.11E-14
2.59E-15 3.06E-13 -2442.525
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L F O R C E S

COMB UEB17 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 450.651071 138.034578 -1.74E-14
3.85E-15 4.23E-13 -3367.407
0.25000 450.651071 170.026765 -2.13E-14
3.85E-15 4.28E-13 -3404.951
0.50000 450.651071 202.018953 -2.52E-14
3.85E-15 4.33E-13 -3450.295
0.75000 450.651071 234.011140 -2.91E-14
3.85E-15 4.40E-13 -3503.436
1.00000 450.651071 266.003328 -3.29E-14
3.85E-15 4.48E-13 -3564.375

COMB UEB17 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 450.651071 138.034578 -1.74E-14
3.85E-15 4.23E-13 -3367.407
0.25000 450.651071 170.026765 -2.13E-14
3.85E-15 4.28E-13 -3404.951
0.50000 450.651071 202.018953 -2.52E-14
3.85E-15 4.33E-13 -3450.295
0.75000 450.651071 234.011140 -2.91E-14
3.85E-15 4.40E-13 -3503.436
1.00000 450.651071 266.003328 -3.29E-14
3.85E-15 4.48E-13 -3564.375

COMB UEB18 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 277.325364 112.575330 15.751125
10.657629 -15.198722 -2032.365
0.25000 277.325364 141.368298 17.593875
10.657629 -19.262644 -2063.314
0.50000 277.325364 170.161267 19.436625
10.657629 -23.775736 -2101.282
0.75000 277.325364 198.954236 21.279375
10.657629 -28.737998 -2146.288
1.00000 277.325364 227.747205 23.122125
10.657629 -34.149431 -2198.272

COMB UEB18 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 277.325364 112.575330 15.751125
10.657629 -15.198722 -2032.365
0.25000 277.325364 141.368298 17.593875
10.657629 -19.262644 -2063.314
0.50000 277.325364 170.161267 19.436625
10.657629 -23.775736 -2101.282
0.75000 277.325364 198.954236 21.279375
10.657629 -28.737998 -2146.288
1.00000 277.325364 227.747205 23.122125
10.657629 -34.149431 -2198.272

COMB SVO01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 417.795292 136.325037 -1.72E-14
3.56E-15 3.91E-13 -3113.652
0.25000 417.795292 168.317225 -2.11E-14
3.56E-15 3.96E-13 -3150.780
0.50000 417.795292 200.309412 -2.49E-14
3.56E-15 4.01E-13 -3195.707
0.75000 417.795292 232.301600 -2.88E-14
3.56E-15 4.08E-13 -3248.431
1.00000 417.795292 264.293787 -3.27E-14
3.56E-15 4.15E-13 -3308.954

COMB SVO01 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 417.795292 136.325037 -1.72E-14
3.56E-15 3.91E-13 -3113.652
0.25000 417.795292 168.317225 -2.11E-14
3.56E-15 3.96E-13 -3150.780
0.50000 417.795292 200.309412 -2.49E-14
3.56E-15 4.01E-13 -3195.707
0.75000 417.795292 232.301600 -2.88E-14
3.56E-15 4.08E-13 -3248.431
1.00000 417.795292 264.293787 -3.27E-14
3.56E-15 4.15E-13 -3308.954
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L F O R C E S

COMB SVO02 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 308.170848 126.362823 -1.58E-14
2.60E-15 2.84E-13 -2260.403
0.25000 308.170848 158.355011 -1.97E-14
2.60E-15 2.88E-13 -2295.103
0.50000 308.170848 190.347198 -2.35E-14
2.60E-15 2.94E-13 -2337.601
0.75000 308.170848 222.339386 -2.74E-14
2.60E-15 3.00E-13 -2387.898
1.00000 308.170848 254.331573 -3.13E-14
2.60E-15 3.07E-13 -2445.992

COMB SVO02 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 308.170848 126.362823 -1.58E-14
2.60E-15 2.84E-13 -2260.403
0.25000 308.170848 158.355011 -1.97E-14
2.60E-15 2.88E-13 -2295.103
0.50000 308.170848 190.347198 -2.35E-14
2.60E-15 2.94E-13 -2337.601
0.75000 308.170848 222.339386 -2.74E-14
2.60E-15 3.00E-13 -2387.898
1.00000 308.170848 254.331573 -3.13E-14

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

COMB SVO08 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.0000	240.782005	123.798085				-1.56E-14
3.01E-15	3.29E-13	-2620.133				
0.25000	240.782005	155.790272				-1.94E-14
3.01E-15	3.33E-13	-2654.208				
0.50000	240.782005	187.782460				-2.33E-14
3.01E-15	3.39E-13	-2696.081				
0.75000	240.782005	219.774647				-2.72E-14
3.01E-15	3.45E-13	-2745.752				
1.00000	240.782005	251.766835				-3.11E-14
3.01E-15	3.52E-13	-2803.221				

COMB SVO08 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	240.782005	123.798085				-1.56E-14
3.01E-15	3.29E-13	-2620.133				
0.25000	240.782005	155.790272				-1.94E-14
3.01E-15	3.33E-13	-2654.208				
0.50000	240.782005	187.782460				-2.33E-14
3.01E-15	3.39E-13	-2696.081				
0.75000	240.782005	219.774647				-2.72E-14
3.01E-15	3.45E-13	-2745.752				-3.11E-14
1.00000	240.782005	251.766835				
3.01E-15	3.52E-13	-2803.221				

COMB SVO09 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	308.170848	126.362823				-1.58E-14
2.60E-15	2.84E-13	-2260.403				
0.25000	308.170848	158.355011				-1.97E-14
2.60E-15	2.89E-13	-2295.103				
0.50000	308.170848	190.347198				-2.35E-14
2.60E-15	2.94E-13	-2337.601				
0.75000	308.170848	222.339386				-2.74E-14
2.60E-15	3.00E-13	-2387.898				
1.00000	308.170848	254.331573				-3.13E-14
2.60E-15	3.07E-13	-2445.992				

COMB SVO09 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	308.170848	126.362823				-1.58E-14
2.60E-15	2.84E-13	-2260.403				
0.25000	308.170848	158.355011				-1.97E-14
2.60E-15	2.88E-13	-2295.103				
0.50000	308.170848	190.347198				-2.35E-14
2.60E-15	2.94E-13	-2337.601				
0.75000	308.170848	222.339386				-2.74E-14
2.60E-15	3.00E-13	-2387.898				
1.00000	308.170848	254.331573				-3.13E-14
2.60E-15	3.07E-13	-2445.992				

COMB SVO10 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	255.288102	1210.724				-1.48E-13
4.96E-15	5.62E-13	-4511.451				
0.25000	255.288102	1242.716				-1.51E-13
4.96E-15	5.99E-13	-4810.464				
0.50000	255.288102	1274.709				-1.55E-13
4.96E-15	6.36E-13	-5117.275				
0.75000	255.288102	1306.701				-1.59E-13
4.96E-15	6.75E-13	-5431.884				
1.00000	255.288102	1338.693				-1.63E-13
4.96E-15	7.14E-13	-5754.292				

COMB SVO10 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	255.288102	1210.724				-1.48E-13
4.96E-15	5.62E-13	-4511.451				
0.25000	255.288102	1242.716				-1.51E-13
4.96E-15	5.99E-13	-4810.464				
0.50000	255.288102	1274.709				-1.55E-13
4.96E-15	6.36E-13	-5117.275				
0.75000	255.288102	1306.701				-1.59E-13
4.96E-15	6.75E-13	-5431.884				
1.00000	255.288102	1338.693				-1.63E-13
4.96E-15	7.14E-13	-5754.292				
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L F O R C E S

COMB SVO11 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	322.676945	1213.289				-1.48E-13
4.55E-15	5.17E-13	-4151.721				
0.25000	322.676945	1245.281				-1.52E-13
4.55E-15	5.54E-13	-4451.360				
0.50000	322.676945	1277.273				-1.56E-13
4.55E-15	5.91E-13	-4758.796				
0.75000	322.676945	1309.265				-1.59E-13
4.55E-15	6.30E-13	-5074.030				
1.00000	322.676945	1341.258				-1.63E-13
4.55E-15	6.69E-13	-5397.063				

COMB SVO11 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	322.676945	1213.289				-1.48E-13
4.55E-15	5.17E-13	-4151.721				
0.25000	322.676945	1245.281				-1.52E-13
4.55E-15	5.54E-13	-4451.360				
0.50000	322.676945	1277.273				-1.56E-13
4.55E-15	5.91E-13	-4758.796				
0.75000	322.676945	1309.265				-1.59E-13
4.55E-15	6.30E-13	-5074.030				
1.00000	322.676945	1341.258				-1.63E-13
4.55E-15	6.69E-13	-5397.063				

COMB SVO12 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	361.260209	823.185271				-1.01E-13
5.21E-15	5.84E-13	-4672.358				
0.25000	361.260209	855.177458				-1.05E-13
5.21E-15	6.09E-13	-4876.908				
0.50000	361.260209	887.169646				-1.08E-13
5.21E-15	6.32E-13	-5089.257				
0.75000	361.260209	919.161833				-1.12E-13
5.21E-15	6.62E-13	-5309.404				
1.00000	361.260209	951.154021				-1.16E-13
5.21E-15	6.90E-13	-5537.348				

COMB SVO12 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	361.260209	823.185271				-1.01E-13
5.21E-15	5.84E-13	-4672.358				
0.25000	361.260209	855.177458				-1.05E-13
5.21E-15	6.09E-13	-4876.908				
0.50000	361.260209	887.169646				-1.08E-13
5.21E-15	6.35E-13	-5089.257				
0.75000	361.260209	919.161833				-1.12E-13
5.21E-15	6.62E-13	-5309.404				
1.00000	361.260209	951.154021				-1.16E-13
5.21E-15	6.90E-13	-5537.348				

COMB SVO13 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	428.649052	825.750009				-1.01E-13
4.80E-15	5.39E-13	-4312.628				
0.25000	428.649052	857.742197				-1.05E-13
4.80E-15	5.64E-13	-4517.804				
0.50000	428.649052	889.734384				-1.09E-13
4.80E-15	5.90E-13	-4730.778				
0.75000	428.649052	921.726572				-1.13E-13
4.80E-15	6.17E-13	-4951.549				
1.00000	428.649052	953.718759				-1.16E-13
4.80E-15	6.45E-13	-5180.119				

COMB SVO13 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	428.649052	825.750009				-1.01E-13
4.80E-15	5.39E-13	-4312.628				
0.25000	428.649052	857.742197				-1.05E-13
4.80E-15	5.64E-13	-4517.804				
0.50000	428.649052	889.734384				-1.09E-13
4.80E-15	5.90E-13	-4730.778				
0.75000	428.649052	921.726572				-1.13E-13
4.80E-15	6.17E-13	-4951.549				
1.00000	428.649052	953.718759				-1.16E-13
4.80E-15	6.45E-13	-5180.119				
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L F O R C E S

COMB SVO14 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	251.635765	813.223057				-9.93E-14
4.25E-15	4.77E-13	-3819.109				
0.25000	251.635765	845.215245				-1.03E-13
4.25E-15	5.02E-13	-4021.232				
0.50000	251.635765	877.207432				-1.07E-13
4.25E-15	5.27E-13	-4231.152				
0.75000	251.635765	909.199620				-1.11E-13
4.25E-15	5.54E-13	-4448.870				
1.00000	251.635765	941.191807				-1.15E-13
4.25E-15	5.81E-13	-4674.387				

COMB SVO14 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	251.635765	813.223057				-9.93E-14
4.25E-15	4.77E-13	-3819.109				
0.25000	251.635765	845.215245				-1.03E-13
4.25E-15	5.02E-13	-4021.232				
0.50000	251.635765	877.207432				-1.07E-13
4.25E-15	5.27E-13	-4231.152				
0.75000	251.635765	909.199620				-1.11E-13
4.25E-15	5.54E-13	-4448.870				
1.00000	251.635765	941.191807				-1.15E-13
4.25E-15	5.81E-13	-4674.387				

COMB SVO15 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	319.024608	815.787796				-9.95E-14
3.84E-15	4.32E-13	-3459.380				
0.25000	319.024608	847.779983				-1.03E-13
3.84E-15	4.57E-13	-3662.127				
0.50000	319.024608	879.772171				-1.07E-13
3.84E-15	4.82E-13	-3872.673				
0.75000	319.024608	911.764358				-1.11E-13
3.84E-15	5.09E-13	-4091.016				
1.00000	319.024608	943.756546				-1.15E-13
3.84E-15	5.36E-13	-4317.158				

COMB SVO15 ----- MIN

COMB	SVO15	----- MIN			
REL DIST	T	P	M2	V2	V3
0.00000	319.024608	815.787796			-9.95E-14
3.84E-15	4.32E-13	-3459.380			
0.25000	319.024608	847.779983			-1.03E-13
3.84E-15	4.57E-13	-3662.127			
0.50000	319.024608	879.772171			-1.07E-13
3.84E-15	4.82E-13	-3872.673			
0.75000	319.024608	911.764358			-1.11E-13
3.84E-15	5.09E-13	-4091.016			

[illegible]

4.91E-15 7.44E-13 -6013.571

COMB UEO11 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	310.904393	1479.086	-1.80E-13
4.91E-15	5.61E-13	-4512.197	
0.25000	310.904393	1509.479	-1.84E-13
4.91E-15	6.06E-13	-4512.197	
0.50000	310.904393	1539.871	-1.87E-13
4.91E-15	6.51E-13	-5248.067	
0.75000	310.904393	1570.264	-1.91E-13
4.91E-15	6.97E-13	-5627.115	
1.00000	310.904393	1600.656	-1.95E-13
4.91E-15	7.44E-13	-6013.571	

COMB UEO12 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	359.133473	991.456479	-1.21E-13
5.74E-15	6.45E-13	-5162.992	
0.25000	359.133473	1021.849	-1.25E-13
5.74E-15	6.75E-13	-5408.364	
0.50000	359.133473	1052.242	-1.29E-13
5.74E-15	7.06E-13	-5661.144	
0.75000	359.133473	1082.634	-1.32E-13
5.74E-15	7.38E-13	-5921.332	
1.00000	359.133473	1113.027	-1.36E-13
5.74E-15	7.70E-13	-6188.928	

COMB UEO12 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	359.133473	991.456479	-1.21E-13
5.74E-15	6.45E-13	-5162.992	
0.25000	359.133473	1021.849	-1.25E-13
5.74E-15	6.75E-13	-5408.364	
0.50000	359.133473	1052.242	-1.29E-13
5.74E-15	7.06E-13	-5661.144	
0.75000	359.133473	1082.634	-1.32E-13
5.74E-15	7.38E-13	-5921.332	
1.00000	359.133473	1113.027	-1.36E-13
5.74E-15	7.70E-13	-6188.928	

COMB UEO13 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	443.369527	994.662402	-1.21E-13
5.23E-15	5.89E-13	-4713.330	
0.25000	443.369527	1025.055	-1.25E-13
5.23E-15	6.19E-13	-4959.483	
0.50000	443.369527	1055.448	-1.29E-13
5.23E-15	6.50E-13	-5213.045	
0.75000	443.369527	1085.840	-1.32E-13
5.23E-15	6.81E-13	-5474.014	
1.00000	443.369527	1116.233	-1.36E-13
5.23E-15	7.14E-13	-5742.392	

COMB UEO13 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	443.369527	994.662402	-1.21E-13
5.23E-15	5.89E-13	-4713.330	
0.25000	443.369527	1025.055	-1.25E-13
5.23E-15	6.19E-13	-4959.483	
0.50000	443.369527	1055.448	-1.29E-13
5.23E-15	6.50E-13	-5213.045	
0.75000	443.369527	1085.840	-1.32E-13
5.23E-15	6.81E-13	-5474.014	
1.00000	443.369527	1116.233	-1.36E-13
5.23E-15	7.14E-13	-5742.392	

COMB UEO13 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	443.369527	994.662402	-1.21E-13
5.23E-15	5.89E-13	-4713.330	
0.25000	443.369527	1025.055	-1.25E-13
5.23E-15	6.19E-13	-4959.483	
0.50000	443.369527	1055.448	-1.29E-13
5.23E-15	6.50E-13	-5213.045	
0.75000	443.369527	1085.840	-1.32E-13
5.23E-15	6.81E-13	-5474.014	
1.00000	443.369527	1116.233	-1.36E-13
5.23E-15	7.14E-13	-5742.392	

COMB UEO13 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	443.369527	994.662402	-1.21E-13
5.23E-15	5.89E-13	-4713.330	
0.25000	443.369527	1025.055	-1.25E-13
5.23E-15	6.19E-13	-4959.483	
0.50000	443.369527	1055.448	-1.29E-13
5.23E-15	6.50E-13	-5213.045	
0.75000	443.369527	1085.840	-1.32E-13
5.23E-15	6.81E-13	-5474.014	
1.00000	443.369527	1116.233	-1.36E-13
5.23E-15	7.14E-13	-5742.392	

COMB UEO13 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	443.369527	994.662402	-1.21E-13
5.23E-15	5.89E-13	-4713.330	
0.25000	443.369527	1025.055	-1.25E-13
5.23E-15	6.19E-13	-4959.483	
0.50000	443.369527	1055.448	-1.29E-13
5.23E-15	6.50E-13	-5213.045	
0.75000	443.369527	1085.840	-1.32E-13
5.23E-15	6.81E-13	-5474.014	
1.00000	443.369527	1116.233	-1.36E-13
5.23E-15	7.14E-13	-5742.392	

COMB UEO13 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	443.369527	994.662402	-1.21E-13
5.23E-15	5.89E-13	-4713.330	
0.25000	443.369527	1025.055	-1.25E-13
5.23E-15	6.19E-13	-4959.483	
0.50000	443.369527	1055.448	-1.29E-13
5.23E-15	6.50E-13	-5213.045	
0.75000	443.369527	1085.840	-1.32E-13
5.23E-15	6.81E-13	-5474.014	
1.00000	443.369527	1116.233	-1.36E-13
5.23E-15	7.14E-13	-5742.392	

COMB UEO13 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	443.369527	994.662402	-1.21E-13
5.23E-15	5.89E-13	-4713.330	
0.25000	443.369527	1025.055	-1.25E-13
5.23E-15	6.19E-13	-4959.483	
0.50000	443.369527	1055.448	-1.29E-13
5.23E-15	6.50E-13	-5213.045	
0.75000	443.369527	1085.840	-1.32E-13
5.23E-15	6.81E-13	-5474.014	
1.00000	443.369527	1116.233	-1.36E-13
5.23E-15	7.14E-13	-5742.392	

COMB UEO13 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	443.369527	994.662402	-1.21E-13
5.23E-15	5.89E-13	-4713.330	
0.25000	443.369527	1025.055	-1.25E-13
5.23E-15	6.19E-13	-4959.483	
0.50000	443.369527	1055.448	-1.29E-13
5.23E-15	6.50E-13	-5213.045	
0.75000	443.369527	1085.840	-1.32E-13
5.23E-15	6.81E-13	-5474.014	
1.00000	443.369527	1116.233	-1.36E-13
5.23E-15	7.14E-13	-5742.392	

2.60E-15	2.84E-13	-2260.403	
0.25000	308.170848	158.355011	-1.97E-14
2.60E-15	2.88E-13	-2285.103	
0.50000	308.170848	190.347198	-2.35E-14
2.60E-15	2.94E-13	-2337.601	
0.75000	308.170848	222.339386	-2.74E-14
2.60E-15	3.00E-13	-2387.988	
1.00000	308.170848	254.331573	-3.13E-14
2.60E-15	3.07E-13	-2445.992	

COMB UEO16 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	308.170848	126.362283	-1.58E-14
2.60E-15	2.84E-13	-2260.403	
0.25000	308.170848	158.355011	-1.97E-14
2.60E-15	2.88E-13	-2295.103	
0.50000	308.170848	190.347198	-2.35E-14
2.60E-15	2.94E-13	-2337.601	
0.75000	308.170848	222.339386	-2.74E-14
2.60E-15	3.00E-13	-2387.988	
1.00000	308.170848	254.331573	-3.13E-14
2.60E-15	3.07E-13	-2445.992	
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COMB UEO17 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	450.692092	139.697438	-1.76E-14
3.86E-15	4.23E-13	-3370.292	
0.25000	450.692092	171.689626	-2.15E-14
3.86E-15	4.28E-13	-3408.243	
0.50000	450.692092	203.681813	-2.54E-14
3.86E-15	4.34E-13	-3453.991	
0.75000	450.692092	235.674001	-2.93E-14
3.86E-15	4.40E-13	-3507.538	
1.00000	450.692092	267.666188	-3.31E-14
3.86E-15	4.48E-13	-3568.882	

COMB UEO17 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	450.692092	139.697438	-1.76E-14
3.86E-15	4.23E-13	-3370.292	
0.25000	450.692092	171.689626	-2.15E-14
3.86E-15	4.28E-13	-3408.243	
0.50000	450.692092	203.681813	-2.54E-14
3.86E-15	4.34E-13	-3453.991	
0.75000	450.692092	235.674001	-2.93E-14
3.86E-15	4.40E-13	-3507.538	
1.00000	450.692092	267.666188	-3.31E-14
3.86E-15	4.48E-13	-3568.882	

COMB UEO18 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	294.770546	1418.422	-1.73E-13
4.68E-15	5.36E-13	-4304.611	
0.25000	294.770546	1476.007	-1.80E-13
4.68E-15	5.78E-13	-4653.860	
0.50000	294.770546	1476.007	-1.80E-13
4.68E-15	6.21E-13	-5010.128	
0.75000	294.770546	1504.800	-1.83E-13
4.68E-15	6.66E-13	-5373.414	
1.00000	294.770546	1533.593	-1.87E-13
4.68E-15	7.11E-13	-5743.718	

COMB UEO18 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	294.770546	1418.422	-1.73E-13
4.68E-15	5.36E-13	-4304.611	
0.25000	294.770546	1476.007	-1.80E-13
4.68E-15	5.78E-13	-4653.860	
0.50000	294.770546	1476.007	-1.80E-13
4.68E-15	6.21E-13	-5010.128	
0.75000	294.770546	1504.800	-1.83E-13
4.68E-15	6.66E-13	-5373.414	
1.00000	294.770546	1533.593	-1.87E-13
4.68E-15	7.11E-13	-5743.718	

COMB ENVBULT ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	636.273637	184.027569	-2.33E-14
5.45E-15	5.99E-13	-4770.123	
0.25000	636.273637	225.617413	-2.84E-14
5.45E-15	6.05E-13	-4820.048	
0.50000	636.273637	267.207257	-3.34E-14
5.45E-15	6.13E-13	-4880.111	
0.75000	636.273637	308.797100	-3.84E-14
5.45E-15	6.22E-13	-4950.312	
1.00000	636.273637	350.386944	-4.35E-14
5.45E-15	6.32E-13	-5030.650	

COMB ENVBULT ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	636.273637	184.027569	-2.33E-14
5.45E-15	5.99E-13	-4770.123	
0.25000	636.273637	225.617413	-2.84E-14
5.45E-15	6.05E-13	-4820.048	
0.50000	636.273637	267.207257	-3.34E-14
5.45E-15	6.13E-13	-4880.111	

												250000				-1.01E-28				-7859.425				-268.416000				0.00000				7.28E-12				-5715.195				-16.650000				9.09E-13				-6.954750				-1363.445																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
												-368.267000				-161.049600				-4930.811								1.82E-12				-22.765500				-4768.937																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

1.18E-12 -10.796175 -3241.367
0.75000 9.46E-12 -7327.379
1.18E-12 -9.041175 -1772.479
1.00000 9.46E-12 -7293.254
1.18E-12 -7.449975 -310.415625

COMB ULB05 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 9.46E-12 -7429.754 -10.822500
1.18E-12 -14.797575 -6199.618
0.25000 9.46E-12 -7395.629 -10.003500
1.18E-12 -12.714975 -4717.080
0.50000 9.46E-12 -7361.504 -9.184500
1.18E-12 -10.796175 -3241.367
0.75000 9.46E-12 -7327.379 -8.365500
1.18E-12 -9.041175 -1772.479
1.00000 9.46E-12 -7293.254 -7.546500
1.18E-12 -7.449975 -310.415625

COMB ULB06 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 -1.31E-28 -10251.378 -348.940800
-478.747100 -279.152640 -8456.918
0.25000 -1.31E-28 -10217.253 -348.940800
-478.747100 -209.364480 -6410.055
0.50000 -1.31E-28 -10183.128 -348.940800
-478.747100 -139.576320 -4370.017
0.75000 -1.31E-28 -10149.003 -348.940800
-478.747100 -69.788160 -2336.804
1.00000 -1.31E-28 -10114.878 -348.940800
-478.747100 2.68E-11 -310.415625

COMB ULB06 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 -1.31E-28 -10251.378 -348.940800
-478.747100 -279.152640 -8456.918
0.25000 -1.31E-28 -10217.253 -348.940800
-478.747100 -209.364480 -6410.055
0.50000 -1.31E-28 -10183.128 -348.940800
-478.747100 -139.576320 -4370.017
0.75000 -1.31E-28 -10149.003 -348.940800
-478.747100 -69.788160 -2336.804
1.00000 -1.31E-28 -10114.878 -348.940800
-478.747100 2.68E-11 -310.415625
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FRAME ELEMENT INTERNAL FORCES
COMB ULB07 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 0.00000 -10251.378 1.24E-12
-3.90E-29 1.02E-12 -8456.918 1.24E-12
0.25000 0.00000 -10217.253 1.24E-12
-3.90E-29 7.76E-13 -6410.055 1.23E-12
0.50000 0.00000 -10183.128 1.23E-12
-3.90E-29 5.29E-13 -4370.017 1.23E-12
0.75000 0.00000 -10149.003 1.23E-12
-3.90E-29 2.83E-13 -2336.804 1.22E-12
1.00000 0.00000 -10114.878 1.22E-12
-3.90E-29 3.76E-14 -310.415625

COMB ULB07 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 0.00000 -10251.378 1.24E-12
-3.90E-29 1.02E-12 -8456.918 1.24E-12
0.25000 0.00000 -10217.253 1.24E-12
-3.90E-29 7.76E-13 -6410.055 1.23E-12
0.50000 0.00000 -10183.128 1.23E-12
-3.90E-29 5.29E-13 -4370.017 1.23E-12
0.75000 0.00000 -10149.003 1.23E-12
-3.90E-29 2.83E-13 -2336.804 1.22E-12
1.00000 0.00000 -10114.878 1.22E-12
-3.90E-29 3.76E-14 -310.415625

COMB ULB08 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 9.46E-12 -7429.754 -348.940800
-478.747100 -279.152640 -6199.618
0.25000 9.46E-12 -7395.629 -348.940800
-478.747100 -209.364480 -4717.080
0.50000 9.46E-12 -7361.504 -348.940800
-478.747100 -139.576320 -3241.367
0.75000 9.46E-12 -7327.379 -348.940800
-478.747100 -69.788160 -1772.479
1.00000 9.46E-12 -7293.254 -348.940800
-478.747100 2.68E-11 -310.415625

COMB ULB08 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 9.46E-12 -7429.754 -348.940800
-478.747100 -279.152640 -6199.618
0.25000 9.46E-12 -7395.629 -348.940800
-478.747100 -209.364480 -4717.080
0.50000 9.46E-12 -7361.504 -348.940800
-478.747100 -139.576320 -3241.367
0.75000 9.46E-12 -7327.379 -348.940800
-478.747100 -69.788160 -1772.479
1.00000 9.46E-12 -7293.254 -348.940800
-478.747100 2.68E-11 -310.415625

COMB ULB09 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 9.46E-12 -7429.754 9.00E-13
-2.46E-29 7.51E-13 -6199.618 8.96E-13
0.25000 9.46E-12 -7395.629 8.96E-13
-2.46E-29 7.51E-13 -6199.618 8.92E-13
0.50000 9.46E-12 -7361.504 8.87E-13
-2.46E-29 7.51E-13 -6199.618 8.83E-13
0.75000 9.46E-12 -7327.379 8.83E-13
-2.46E-29 7.51E-13 -6199.618 8.83E-13
1.00000 9.46E-12 -7293.254 8.83E-13
-2.46E-29 3.76E-14 -310.415625

COMB ULB09 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 9.46E-12 -7429.754 9.00E-13
-2.46E-29 7.51E-13 -6199.618 9.00E-13
0.25000 9.46E-12 -7395.629 8.96E-13
-2.46E-29 7.51E-13 -6199.618 8.92E-13
0.50000 9.46E-12 -7361.504 8.87E-13
-2.46E-29 7.51E-13 -6199.618 8.83E-13
0.75000 9.46E-12 -7327.379 8.83E-13
-2.46E-29 7.51E-13 -6199.618 8.83E-13
1.00000 9.46E-12 -7293.254 8.83E-13
-2.46E-29 3.76E-14 -310.415625
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FRAME ELEMENT INTERNAL FORCES
COMB ULB10 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 9.09E-12 -7143.994 -356.332500
-460.333750 -296.872875 -5961.172
0.25000 9.09E-12 -7111.181 -354.757500
-460.333750 -225.763875 -4535.654
0.50000 9.09E-12 -7078.369 -353.182500
-460.333750 -154.969875 -3116.699
0.75000 9.09E-12 -7045.556 -351.607500
-460.333750 -84.490875 -1704.307
1.00000 9.09E-12 -7012.744 -350.032500
-460.333750 -14.326875 -298.476563

COMB ULB10 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 9.09E-12 -7143.994 -356.332500
-460.333750 -296.872875 -5961.172
0.25000 9.09E-12 -7111.181 -354.757500
-460.333750 -225.763875 -4535.654
0.50000 9.09E-12 -7078.369 -353.182500
-460.333750 -154.969875 -3116.699
0.75000 9.09E-12 -7045.556 -351.607500
-460.333750 -84.490875 -1704.307
1.00000 9.09E-12 -7012.744 -350.032500
-460.333750 -14.326875 -298.476563

COMB ULB11 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 9.09E-12 -7143.994 -20.812500
2.27E-12 -28.456875 -5961.172
0.25000 9.09E-12 -7111.181 -19.237500
2.27E-12 -24.451875 -4535.654
0.50000 9.09E-12 -7078.369 -17.662500
2.27E-12 -20.761875 -3116.699
0.75000 9.09E-12 -7045.556 -16.087500
2.27E-12 -17.386875 -1704.307
1.00000 9.09E-12 -7012.744 -14.512500
2.27E-12 -14.326875 -298.476563

COMB ULB11 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 9.09E-12 -7143.994 -20.812500
2.27E-12 -28.456875 -5961.172
0.25000 9.09E-12 -7111.181 -19.237500
2.27E-12 -24.451875 -4535.654
0.50000 9.09E-12 -7078.369 -17.662500
2.27E-12 -20.761875 -3116.699
0.75000 9.09E-12 -7045.556 -16.087500
2.27E-12 -17.386875 -1704.307
1.00000 9.09E-12 -7012.744 -14.512500
2.27E-12 -14.326875 -298.476563

COMB ULB12 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 -1.30E-28 -9857.094 -345.926250
-460.333750 -282.644437 -8131.652
0.25000 -1.30E-28 -9824.281 -345.138750
-460.333750 -213.57937 -6163.514
0.50000 -1.30E-28 -9791.469 -344.351250
-460.333750 -144.588937 -4201.939
0.75000 -1.30E-28 -9758.656 -343.563750
-460.333750 -75.797437 -2246.927
1.00000 -1.30E-28 -9725.844 -342.776250
-460.333750 -7.163437 -298.476562

COMB ULB12 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 -1.30E-28 -9857.094 -345.926250
-460.333750 -282.644437 -8131.652
0.25000 -1.30E-28 -9824.281 -345.138750
-460.333750 -213.57937 -6163.514
0.50000 -1.30E-28 -9791.469 -344.351250
-460.333750 -144.588937 -4201.939
0.75000 -1.30E-28 -9758.656 -343.563750
-460.333750 -75.797437 -2246.927
1.00000 -1.30E-28 -9725.844 -342.776250
-460.333750 -7.163437 -298.476562

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FRAME ELEMENT INTERNAL FORCES
COMB ULB13 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 -3.94E-30 -9857.094 -10.406250
1.14E-12 -14.228437 -8131.652
0.25000 -3.94E-30 -9824.281 -9.618750
1.14E-12 -12.225937 -6163.514
0.50000 -3.94E-30 -9791.469 -8.831250
1.14E-12 -10.380937 -4201.939
0.75000 -3.94E-30 -9758.656 -8.043750
1.14E-12 -8.693437 -2246.927
1.00000 -3.94E-30 -9725.844 -7.256250
1.14E-12 -7.163437 -298.476562

COMB ULB13 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 -3.94E-30 -9857.094 -10.406250
1.14E-12 -14.228437 -8131.652
0.25000 -3.94E-30 -9824.281 -9.618750
1.14E-12 -12.225937 -6163.514
0.50000 -3.94E-30 -9791.469 -8.831250
1.14E-12 -10.380937 -4201.939
0.75000 -3.94E-30 -9758.656 -8.043750
1.14E-12 -8.693437 -2246.927
1.00000 -3.94E-30 -9725.844 -7.256250
1.14E-12 -7.163437 -298.476562

COMB ULB14 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 9.09E-12 -7143.994 -345.926250
-460.333750 -282.644437 -5961.172
0.25000 9.09E-12 -7111.181 -345.138750
-460.333750 -213.57937 -4535.654
0.50000 9.09E-12 -7078.369 -344.351250
-460.333750 -144.588937 -3116.699
0.75000 9.09E-12 -7045.556 -343.563750
-460.333750 -75.797437 -1704.307
1.00000 9.09E-12 -7012.744 -342.776250
-460.333750 -7.163437 -298.476563

COMB ULB14 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 9.09E-12 -7143.994 -345.926250
-460.333750 -282.644437 -5961.172
0.25000 9.09E-12 -7111.181 -345.138750
-460.333750 -213.57937 -4535.654
0.50000 9.09E-12 -7078.369 -344.351250
-460.333750 -144.588937 -3116.699
0.75000 9.09E-12 -7045.556 -343.563750
-460.333750 -75.797437 -1704.307
1.00000 9.09E-12 -7012.744 -342.776250
-460.333750 -7.163437 -298.476563

COMB ULB15 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 9.09E-12 -7143.994 -10.406250
1.14E-12 -14.228437 -5961.172
0.25000 9.09E-12 -7111.181 -9.618750
1.14E-12 -12.225937 -4535.654
0.50000 9.09E-12 -7078.369 -8.831250
1.14E-12 -10.380937 -3116.699
0.75000 9.09E-12 -7045.556 -8.043750
1.14E-12 -8.693437 -1704.307
1.00000 9.09E-12 -7012.744 -7.256250
1.14E-12 -7.163437 -298.476563

COMB ULB15 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 9.09E-12 -7143.994 -10.406250
1.14E-12 -14.228437 -5961.172
0.25000 9.09E-12 -7111.181 -9.618750
1.14E-12 -12.225937 -4535.654
0.50000 9.09E-12 -7078.369 -8.831250
1.14E-12 -10.380937 -3116.699
0.75000 9.09E-12 -7045.556 -8.043750
1.14E-12 -8.693437 -1704.307
1.00000 9.09E-12 -7012.744 -7.256250
1.14E-12 -7.163437 -298.476563

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FRAME ELEMENT INTERNAL FORCES
COMB ULB16 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 7.28E-12 -5715.195 6.92E-13
-1.89E-29 5.78E-13 -4768.937 6.89E-13
0.25000 7.28E-12 -5688.945 6.89E-13
-1.89E-29 5.29E-13 -4370.017 6.86E-13
0.50000 7.28E-12 -5662.695 6.86E-13
-1.89E-29 3.02E-13 -2493.359 6.83E-13
0.75000 7.28E-12 -5636.445 6.83E-13
-1.89E-29 2.89E-14 -238.781250 6.79E-13

COMB ULB16 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 7.28E-12 -5715.195 6.92E-13
-1.89E-29 5.78E-13 -4768.937 6.89E-13
0.25000 7.28E-12 -5688.945 6.89E-13
-1.89E-29 5.29E-13 -4370.017 6.86E-13
0.50000 7.28E-12 -5662.695 6.86E-13
-1.89E-29 3.02E-13 -2493.359 6.83E-13
0.75000 7.28E-12 -5636.445 6.83E-13
-1.89E-29 2.89E-14 -238.781250 6.79E-13

COMB ULB17 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 0.00000 -10251.378 1.24E-12
-3.90E-29 1.02E-12 -8456.918 1.24E-12
0.25000 0.00000 -10217.253 1.24E-12
-3.90E-29 7.76E-13 -6410.055 1.23E-12
0.50000 0.00000 -10183.128 1.23E-12
-3.90E-29 5.29E-13 -4370.017 1.23E-12
0.75000 0.00000 -10149.003 1.23E-12
-3.90E-29 2.83E-13 -2336.804 1.22E-12
1.00000 0.00000 -10114.878 1.22E-12
-3.90E-29 3.76E-14 -310.415625

COMB ULB17 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 0.00000 -10251.378 1.24E-12
-3.90E-29 1.02E-12 -8456.918 1.24E-12
0.25000 0.00000 -10217.253 1.24E-12
-3.90E-29 7.76E-13 -6410.055 1.23E-12
0.50000 0.00000 -10183.128 1.23E-12
-3.90E-29 5.29E-13 -4370.017 1.23E-12
0.75000 0.00000 -10149.003 1.23E-12
-3.90E-29 2.83E-13 -2336.804 1.22E-12
1.00000 0.00000 -10114.878 1.22E-12
-3.90E-29 3.76E-14 -310.415625

COMB ULB18 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 8.73E-12 -6858.234 -19.980000
2.18E-12 -27.318600 -5722.725
0.25000 8.73E-12 -6826.734 -18.468000
2.18E-12 -23.473800 -4354.228
0.50000 8.73E-12 -6795.234 -16.956000
2.18E-12 -19.931400 -2992.031
0.75000 8.73E-12 -6763.734 -15.444000
2.18E-12 -16.691400 -1636.134
1.00000 8.73E-12 -6732.234 -13.932000
2.18E-12 -13.753800 -286.537500

COMB ULB18 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 8.73E-12 -6858.234 -19.980000
2.18E-12 -27.318600 -5722.725
0.25000 8.73E-12 -6826.734 -18.468000
2.18E-12 -23.473800 -4354.228
0.50000 8.73E-12 -6795.234 -16.956000
2.18E-12 -19.931400 -2992.031
0.75000 8.73E-12 -6763.734 -15.444000
2.18E-12 -16.691400 -1636.134
1.00000 8.73E-12 -6732.234 -13.932000
2.18E-12 -13.753800 -286.537500

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FRAME ELEMENT INTERNAL FORCES

COMB UEB01 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 -8.37E-12 -10381.727 1.26E-12
-4.27E-29 1.03E-12 -8502.163 1.25E-12
0.25000 -8.37E-12 -10355.477 1.25E-12
-4.27E-29 7.79E-13 -6428.442 1.25E-12
0.50000 -8.37E-12 -10329.227 1.25E-12
-4.27E-29 5.28E-13 -4359.972 1.25E-12
0.75000 -8.37E-12 -10302.977 1.25E-12
-4.27E-29 2.78E-13 -2296.752 1.24E-12
1.00000 -8.37E-12 -10276.727 1.24E-12
-4.27E-29 2.89E-14 -238.781250

COMB UEB01 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 -8.37E-12 -10381.727 1.26E-12
-4.27E-29 1.03E-12 -8502.163 1.25E-12
0.25000 -8.37E-12 -10355.477 1.25E-12
-4.27E-29 7.79E-13 -6428.442 1.25E-12
0.50000 -8.37E-12 -10329.227 1.25E-12
-4.27E-29 5.28E-13 -4359.972 1.25E-12
0.75000 -8.37E-12 -10302.977 1.25E-12
-4.27E-29 2.78E-13 -2296.752 1.24E-12
1.00000 -8.37E-12 -10276.727 1.24E-12
-4.27E-29 2.89E-14 -238.781250

COMB UEB02 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000

0.00000 7.28E-12 -5715.195 -10.822500
1.18E-12 -14.797575 -4768.937
0.25000 7.28E-12 -5688.945
1.18E-12 -12.797575 -3628.523
0.50000 7.28E-12 -5662.695 -9.184500
1.18E-12 -10.796175 -2493.359
0.75000 7.28E-12 -5636.445 -8.365500
1.18E-12 -9.041175 -1363.445
1.00000 7.28E-12 -5610.195
1.18E-12 -7.449975 -238.781250

COMB UEB06 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -2.18E-12 -8536.819 -348.940800
-478.747100 -279.152640 -7026.236
0.25000 -2.18E-12 -8510.569 -348.940800
-478.747100 -209.364480 -5321.498
0.50000 -2.18E-12 -8484.319 -348.940800
-478.747100 -139.576320 -3622.009
0.75000 -2.18E-12 -8458.069 -348.940800
-478.747100 -69.788160 -1927.770
1.00000 -2.18E-12 -8431.819 -348.940800
-478.747100 2.68E-11 -238.781250

COMB UEB06 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -2.18E-12 -8536.819 -348.940800
-478.747100 -279.152640 -7026.236
0.25000 -2.18E-12 -8510.569 -348.940800
-478.747100 -209.364480 -5321.498
0.50000 -2.18E-12 -8484.319 -348.940800
-478.747100 -139.576320 -3622.009
0.75000 -2.18E-12 -8458.069 -348.940800
-478.747100 -69.788160 -1927.770
1.00000 -2.18E-12 -8431.819 -348.940800
-478.747100 2.68E-11 -238.781250
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FRAME ELEMENT INTERNAL FORCES

COMB UEB07 ----- MAX
REL DIST T P M2 V2 V3
0.00000 -2.18E-12 -8536.819 1.03E-12
-3.33E-29 8.51E-13 -7026.236
0.25000 -2.18E-12 -8510.569 1.03E-12
-3.33E-29 6.44E-13 -5321.498
0.50000 -2.18E-12 -8484.319 1.03E-12
-3.33E-29 4.39E-13 -3622.009
0.75000 -2.18E-12 -8458.069 1.02E-12
-3.33E-29 2.33E-13 -1927.770
1.00000 -2.18E-12 -8431.819 1.02E-12
-3.33E-29 2.89E-14 -238.781250

COMB UEB07 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -2.18E-12 -8536.819 1.03E-12
-3.33E-29 8.51E-13 -7026.236
0.25000 -2.18E-12 -8510.569 1.03E-12
-3.33E-29 6.44E-13 -5321.498
0.50000 -2.18E-12 -8484.319 1.03E-12
-3.33E-29 4.39E-13 -3622.009
0.75000 -2.18E-12 -8458.069 1.02E-12
-3.33E-29 2.33E-13 -1927.770
1.00000 -2.18E-12 -8431.819 1.02E-12
-3.33E-29 2.89E-14 -238.781250

COMB UEB08 ----- MAX

REL DIST T P M2 V2 V3
0.00000 7.28E-12 -5715.195 -348.940800
-478.747100 -279.152640 -4768.937
0.25000 7.28E-12 -5688.945 -348.940800
-478.747100 -209.364480 -3628.523
0.50000 7.28E-12 -5662.695 -348.940800
-478.747100 -139.576320 -2493.359
0.75000 7.28E-12 -5636.445 -348.940800
-478.747100 -69.788160 -1363.445
1.00000 7.28E-12 -5610.195 -348.940800
-478.747100 2.68E-11 -238.781250

COMB UEB08 ----- MIN

REL DIST T P M2 V2 V3
0.00000 7.28E-12 -5715.195 -348.940800
-478.747100 -279.152640 -4768.937
0.25000 7.28E-12 -5688.945 -348.940800
-478.747100 -209.364480 -3628.523
0.50000 7.28E-12 -5662.695 -348.940800
-478.747100 -139.576320 -2493.359
0.75000 7.28E-12 -5636.445 -348.940800
-478.747100 -69.788160 -1363.445
1.00000 7.28E-12 -5610.195 -348.940800
-478.747100 2.68E-11 -238.781250

COMB UEB09 ----- MAX

REL DIST T P M2 V2 V3
0.00000 7.28E-12 -5715.195 6.92E-13
-1.89E-29 5.78E-13 -4768.937
0.25000 7.28E-12 -5688.945 6.89E-13
-1.89E-29 4.39E-13 -3628.523
0.50000 7.28E-12 -5662.695 6.86E-13
-1.89E-29 3.02E-13 -2493.359
0.75000 7.28E-12 -5636.445 6.83E-13
-1.89E-29 1.65E-13 -1363.445
1.00000 7.28E-12 -5610.195 6.79E-13
-1.89E-29 2.89E-14 -238.781250

COMB UEB09 ----- MIN

REL DIST T P M2 V2 V3
0.00000 7.28E-12 -5715.195 6.92E-13
-1.89E-29 5.78E-13 -4768.937
0.25000 7.28E-12 -5688.945 6.89E-13
-1.89E-29 4.39E-13 -3628.523
0.50000 7.28E-12 -5662.695 6.86E-13
-1.89E-29 3.02E-13 -2493.359
0.75000 7.28E-12 -5636.445 6.83E-13
-1.89E-29 1.65E-13 -1363.445
1.00000 7.28E-12 -5610.195 6.79E-13
-1.89E-29 2.89E-14 -238.781250
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FRAME ELEMENT INTERNAL FORCES

COMB UEB10 ----- MAX

REL DIST T P M2 V2 V3
0.00000 6.91E-12 -5429.435 -356.332500
-460.333750 -296.872875 -4530.490
0.25000 6.91E-12 -5404.498 -354.757500
-460.333750 -225.763875 -3447.097
0.50000 6.91E-12 -5379.560 -353.182500
-460.333750 -154.969875 -2368.691
0.75000 6.91E-12 -5354.623 -351.607500
1.00000 6.91E-12 -5329.685 -350.032500
-460.333750 -14.326875 -226.842188

COMB UEB10 ----- MIN

REL DIST T P M2 V2 V3
0.00000 6.91E-12 -5429.435 -356.332500
-460.333750 -296.872875 -4530.490
0.25000 6.91E-12 -5404.498 -354.757500
-460.333750 -225.763875 -3447.097
0.50000 6.91E-12 -5379.560 -353.182500
-460.333750 -154.969875 -2368.691
0.75000 6.91E-12 -5354.623 -351.607500
-460.333750 -84.490875 -1295.273
1.00000 6.91E-12 -5329.685 -350.032500
-460.333750 -14.326875 -226.842188

COMB UEB11 ----- MAX

REL DIST T P M2 V2 V3
0.00000 6.91E-12 -5429.435 -20.812500
2.27E-12 -28.456875 -4530.490
0.25000 6.91E-12 -5404.498 -19.237500
2.27E-12 -24.451875 -3447.097
0.50000 6.91E-12 -5379.560 -17.662500
2.27E-12 -20.761875 -2368.691
0.75000 6.91E-12 -5354.623 -16.087500
2.27E-12 -17.386875 -1295.273
1.00000 6.91E-12 -5329.685 -14.512500
2.27E-12 -14.326875 -226.842188

COMB UEB11 ----- MIN

REL DIST T P M2 V2 V3
0.00000 6.91E-12 -5429.435 -20.812500
2.27E-12 -28.456875 -4530.490
0.25000 6.91E-12 -5404.498 -19.237500
2.27E-12 -24.451875 -3447.097
0.50000 6.91E-12 -5379.560 -17.662500
2.27E-12 -20.761875 -2368.691
0.75000 6.91E-12 -5354.623 -16.087500
2.27E-12 -17.386875 -1295.273
1.00000 6.91E-12 -5329.685 -14.512500
2.27E-12 -14.326875 -226.842188

COMB UEB12 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -2.18E-12 -8142.535 -345.926250
-460.333750 -282.644437 -6700.970
0.25000 -2.18E-12 -8117.598 -345.138750
-460.333750 -213.537937 -5074.957
0.50000 -2.18E-12 -8092.660 -344.351250
-460.333750 -144.588937 -3453.931
0.75000 -2.18E-12 -8067.723 -343.563750
-460.333750 -75.797437 -1837.893
1.00000 -2.18E-12 -8042.785 -342.776250
-460.333750 -7.163437 -226.842187

COMB UEB12 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -2.18E-12 -8142.535 -345.926250
-460.333750 -282.644437 -6700.970
0.25000 -2.18E-12 -8117.598 -345.138750
-460.333750 -213.537937 -5074.957
0.50000 -2.18E-12 -8092.660 -344.351250
-460.333750 -144.588937 -3453.931
0.75000 -2.18E-12 -8067.723 -343.563750
-460.333750 -75.797437 -1837.893
1.00000 -2.18E-12 -8042.785 -342.776250
-460.333750 -7.163437 -226.842187

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FRAME ELEMENT INTERNAL FORCES

COMB UEB13 ----- MAX
REL DIST T P M2 V2 V3
0.00000 -2.18E-12 -8142.535 -10.406250
1.14E-12 -14.228437 -6700.970
0.25000 -2.18E-12 -8117.598 -9.618750
1.14E-12 -12.225937 -5074.957
0.50000 -2.18E-12 -8092.660 -8.831250
1.14E-12 -10.380937 -3453.931
0.75000 -2.18E-12 -8067.723 -8.043750
1.14E-12 -8.693437 -1837.893
1.00000 -2.18E-12 -8042.785 -7.256250
1.14E-12 -7.163437 -226.842187

COMB UEB13 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -2.18E-12 -8142.535 -10.406250
1.14E-12 -14.228437 -6700.970
0.25000 -2.18E-12 -8117.598 -9.618750
1.14E-12 -12.225937 -5074.957
0.50000 -2.18E-12 -8092.660 -8.831250
1.14E-12 -10.380937 -3453.931
0.75000 -2.18E-12 -8067.723 -8.043750
1.14E-12 -8.693437 -1837.893
1.00000 -2.18E-12 -8042.785 -7.256250
1.14E-12 -7.163437 -226.842187

COMB UEB14 ----- MAX

REL DIST T P M2 V2 V3
0.00000 6.91E-12 -5429.435 -345.926250
-460.333750 -282.644437 -4530.490
0.25000 6.91E-12 -5404.498 -345.138750
-460.333750 -213.537937 -3447.097
0.50000 6.91E-12 -5379.560 -344.351250
-460.333750 -144.588937 -2368.691
0.75000 6.91E-12 -5354.623 -343.563750
-460.333750 -75.797437 -1295.273
1.00000 6.91E-12 -5329.685 -342.776250
-460.333750 -7.163437 -226.842188

COMB UEB14 ----- MIN

REL DIST T P M2 V2 V3
0.00000 6.91E-12 -5429.435 -345.926250
-460.333750 -282.644437 -4530.490
0.25000 6.91E-12 -5404.498 -345.138750
-460.333750 -213.537937 -3447.097
0.50000 6.91E-12 -5379.560 -344.351250

-460.333750 -144.588937 -2368.691
0.75000 6.91E-12 -5354.623 -343.563750
-460.333750 -75.797437 -1295.273
1.00000 6.91E-12 -5329.685 -342.776250
-460.333750 -7.163437 -226.842188

COMB UEB15 ----- MAX

REL DIST T P M2 V2 V3
0.00000 6.91E-12 -5429.435 -10.406250
1.14E-12 -14.228437 -4530.490
0.25000 6.91E-12 -5404.498 -9.618750
1.14E-12 -12.225937 -3447.097
0.50000 6.91E-12 -5379.560 -8.831250
1.14E-12 -10.380937 -3447.097
0.75000 6.91E-12 -5354.623 -8.043750
1.14E-12 -8.693437 -1295.273
1.00000 6.91E-12 -5329.685 -7.256250
1.14E-12 -7.163437 -226.842188

COMB UEB15 ----- MIN

REL DIST T P M2 V2 V3
0.00000 6.91E-12 -5429.435 -10.406250
1.14E-12 -14.228437 -4530.490
0.25000 6.91E-12 -5404.498 -9.618750
1.14E-12 -12.225937 -3447.097
0.50000 6.91E-12 -5379.560 -8.831250
1.14E-12 -10.380937 -3447.097
0.75000 6.91E-12 -5354.623 -8.043750
1.14E-12 -8.693437 -1295.273
1.00000 6.91E-12 -5329.685 -7.256250
1.14E-12 -7.163437 -226.842188

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FRAME ELEMENT INTERNAL FORCES

COMB UEB16 ----- MAX
REL DIST T P M2 V2 V3
0.00000 7.28E-12 -5715.195 6.92E-13
-1.89E-29 5.78E-13 -4768.937
0.25000 7.28E-12 -5688.945 6.89E-13
-1.89E-29 4.39E-13 -3628.523
0.50000 7.28E-12 -5662.695 6.86E-13
-1.89E-29 3.02E-13 -2493.359
0.75000 7.28E-12 -5636.445 6.83E-13
-1.89E-29 1.65E-13 -1363.445
1.00000 7.28E-12 -5610.195 6.79E-13
-1.89E-29 2.89E-14 -238.781250

COMB UEB16 ----- MIN

REL DIST T P M2 V2 V3
0.00000 7.28E-12 -5715.195 6.92E-13
-1.89E-29 5.78E-13 -4768.937
0.25000 7.28E-12 -5688.945 6.89E-13
-1.89E-29 4.39E-13 -3628.523
0.50000 7.28E-12 -5662.695 6.86E-13
-1.89E-29 3.02E-13 -2493.359
0.75000 7.28E-12 -5636.445 6.83E-13
-1.89E-29 1.65E-13 -1363.445
1.00000 7.28E-12 -5610.195 6.79E-13
-1.89E-29 2.89E-14 -238.781250

COMB UEB17 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -2.18E-12 -8536.819 1.03E-12
-3.33E-29 8.51E-13 -7026.236
0.25000 -2.18E-12 -8510.569 1.03E-12
-3.33E-29 6.44E-13 -5321.498
0.50000 -2.18E-12 -8484.319 1.03E-12
-3.33E-29 4.39E-13 -3622.009
0.75000 -2.18E-12 -8458.069 1.02E-12
-3.33E-29 2.33E-13 -1927.770
1.00000 -2.18E-12 -8431.819 1.02E-12
-3.33E-29 2.89E-14 -238.781250

COMB UEB17 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -2.18E-12 -8536.819 1.03E-12
-3.33E-29 8.51E-13 -7026.236
0.25000 -2.18E-12 -8510.569 1.03E-12
-3.33E-29 6.44E-13 -5321.498
0.50000 -2.18E-12 -8484.319 1.03E-12
-3.33E-29 4.39E-13 -3622.009
0.75000 -2.18E-12 -8458.069 1.02E-12
-3.33E-29 2.33E-13 -1927.770
1.00000 -2.18E-12 -8431.819 1.02E-12
-3.33E-29 2.89E-14 -238.781250

COMB UEB18 ----- MAX

REL DIST T P M2 V2 V3
0.00000 6.55E-12 -5143.676 -19.980000
2.18E-12 -27.318600 -4292.044
0.25000 6.55E-12 -5120.051 -18.468000
2.18E-12 -23.473800 -3265.671
0.50000 6.55E-12 -5096.426 -16.956000
2.18E-12 -19.931400 -2244.023
0.75000 6.55E-12 -5072.801 -15.444000
2.18E-12 -16.691400 -1227.101
1.00000 6.55E-12 -5049.176 -13.932000
2.18E-12 -13.753800 -214.903125

COMB UEB18 ----- MIN

REL DIST T P M2 V2 V3
0.00000 6.55E-12 -5143.676 -19.980000
2.18E-12 -27.318600 -4292.044
0.25000 6.55E-12 -5120.051 -18.468000
2.18E-12 -23.473800 -3265.671
0.50000 6.55E-12 -5096.426 -16.956000
2.18E-12 -19.931400 -2244.023
0.75000 6.55E-12 -5072.801 -15.444000
2.18E-12 -16.691400 -1227.101
1.00000 6.55E-12 -5049.176 -13.932000
2.18E-12 -13.753800 -214.903125

Program SAP2000 Nonlinear Version 7.42
File:청도교상행_P9_본체.OUT

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: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체 639

FRAME ELEMENT INTERNAL FORCES

COMB SVO01 ----- MAX
REL DIST T P M2 V2 V3
0.00000 -6.82E-13 -7885.675 9.55E-13
-3.00E-29 7.88E-13 -6505.321
0.25000 -6.82E-13 -7859.425 9.52E-13

-3.00E-29 5.97E-13 -4930.811 9.49E-13
0.50000 -6.82E-13 -7833.175 9.45E-13
-3.00E-29 4.07E-13 -3361.551 9.45E-13
0.75000 -6.82E-13 -7806.925 9.45E-13
-3.00E-29 2.18E-13 -1797.541 9.42E-13
1.00000 -6.82E-13 -7780.675 9.42E-13
-3.00E-29 2.89E-14 -238.781250

[illegible]

-2.46E-29 3.93E-13 -3241.367
0.75000 8.57E-12 -7327.379
-2.46E-29 2.15E-13 -1772.479
1.00000 8.57E-12 -7293.254
-2.46E-29 3.76E-14 -310.415625

COMB ULO09 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 8.57E-12 -7429.754 9.00E-13
-2.46E-29 7.51E-13 -6199.618
0.25000 8.57E-12 -7395.629 8.96E-13
-2.46E-29 5.71E-13 -4717.080
0.50000 8.57E-12 -7361.567 8.92E-13
-2.46E-29 3.93E-13 -3241.367
0.75000 8.57E-12 -7327.379 8.87E-13
-2.46E-29 2.15E-13 -1772.479
1.00000 8.57E-12 -7293.254 8.83E-13
-2.46E-29 3.76E-14 -310.415625
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본세.OUT

: AAbutPier SAP2000 6-7 데이터파일 : 교각 본세 647

FRAME ELEMENT INTERNAL FORCES

COMB ULO10 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 438.457500 -7143.994 8.65E-13
-2.86E-29 9.00E-13 -7435.272
0.25000 438.457500 -7111.181 8.61E-13
-2.86E-29 7.28E-13 -6009.754
0.50000 438.457500 -7078.369 8.57E-13
-2.86E-29 5.56E-13 -4590.799
0.75000 438.457500 -7045.556 8.53E-13
-2.86E-29 3.85E-13 -3178.407
1.00000 438.457500 -7012.744 8.49E-13
-2.86E-29 2.15E-13 -1772.577

COMB ULO10 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 438.457500 -7143.994 8.65E-13
-2.86E-29 9.00E-13 -7435.272
0.25000 438.457500 -7111.181 8.61E-13
-2.86E-29 7.28E-13 -6009.754
0.50000 438.457500 -7078.369 8.57E-13
-2.86E-29 5.56E-13 -4590.799
0.75000 438.457500 -7045.556 8.53E-13
-2.86E-29 3.85E-13 -3178.407
1.00000 438.457500 -7012.744 8.49E-13
-2.86E-29 2.15E-13 -1772.577

COMB ULO11 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 438.457500 -7143.994 8.65E-13
-2.86E-29 9.00E-13 -7435.272
0.25000 438.457500 -7111.181 8.61E-13
-2.86E-29 7.28E-13 -6009.754
0.50000 438.457500 -7078.369 8.57E-13
-2.86E-29 5.56E-13 -4590.799
0.75000 438.457500 -7045.556 8.53E-13
-2.86E-29 3.85E-13 -3178.407
1.00000 438.457500 -7012.744 8.49E-13
-2.86E-29 2.15E-13 -1772.577

COMB ULO11 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 438.457500 -7143.994 8.65E-13
-2.86E-29 9.00E-13 -7435.272
0.25000 438.457500 -7111.181 8.61E-13
-2.86E-29 7.28E-13 -6009.754
0.50000 438.457500 -7078.369 8.57E-13
-2.86E-29 5.56E-13 -4590.799
0.75000 438.457500 -7045.556 8.53E-13
-2.86E-29 3.85E-13 -3178.407
1.00000 438.457500 -7012.744 8.49E-13
-2.86E-29 2.15E-13 -1772.577

COMB ULO12 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 267.978750 -9857.094 1.19E-12
-4.17E-29 1.11E-12 -9147.064
0.25000 267.978750 -9824.281 1.19E-12
-4.17E-29 8.69E-13 -7178.927
0.50000 267.978750 -9791.469 1.19E-12
-4.17E-29 6.32E-13 -5217.352
0.75000 267.978750 -9758.656 1.18E-12
-4.17E-29 3.95E-13 -3262.339
1.00000 267.978750 -9725.844 1.18E-12
-4.17E-29 1.59E-13 -1313.889

COMB ULO12 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 267.978750 -9857.094 1.19E-12
-4.17E-29 1.11E-12 -9147.064
0.25000 267.978750 -9824.281 1.19E-12
-4.17E-29 8.69E-13 -7178.927
0.50000 267.978750 -9791.469 1.19E-12
-4.17E-29 6.32E-13 -5217.352
0.75000 267.978750 -9758.656 1.18E-12
-4.17E-29 3.95E-13 -3262.339
1.00000 267.978750 -9725.844 1.18E-12
-4.17E-29 1.59E-13 -1313.889
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본세.OUT

: AAbutPier SAP2000 6-7 데이터파일 : 교각 본세 648

FRAME ELEMENT INTERNAL FORCES

COMB ULO13 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 267.978750 -9857.094 1.19E-12
-4.17E-29 1.11E-12 -9147.064
0.25000 267.978750 -9824.281 1.19E-12
-4.17E-29 8.69E-13 -7178.927
0.50000 267.978750 -9791.469 1.19E-12
-4.17E-29 6.32E-13 -5217.352
0.75000 267.978750 -9758.656 1.18E-12
-4.17E-29 3.95E-13 -3262.339
1.00000 267.978750 -9725.844 1.18E-12
-4.17E-29 1.59E-13 -1313.889

COMB ULO13 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 267.978750 -9857.094 1.19E-12
-4.17E-29 1.11E-12 -9147.064
0.25000 267.978750 -9824.281 1.19E-12

-4.17E-29 8.69E-13 -7178.927
0.50000 267.978750 -9791.469 1.19E-12
-4.17E-29 6.32E-13 -5217.352
0.75000 267.978750 -9758.656 1.18E-12
-4.17E-29 3.95E-13 -3262.339
1.00000 267.978750 -9725.844 1.18E-12
-4.17E-29 1.59E-13 -1313.889

COMB ULO14 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 267.978750 -97143.994 8.65E-13
-2.79E-29 8.45E-13 -6976.584 8.61E-13
0.25000 267.978750 -7111.181 8.61E-13
-2.79E-29 6.72E-13 -5551.067 8.57E-13
0.50000 267.978750 -7078.369 8.53E-13
-2.79E-29 5.00E-13 -4132.112 8.49E-13
0.75000 267.978750 -7045.556 8.53E-13
-2.79E-29 3.29E-13 -2719.719
1.00000 267.978750 -7012.744 8.49E-13
-2.79E-29 1.59E-13 -1313.889

COMB ULO14 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 267.978750 -7143.994 8.65E-13
-2.79E-29 8.45E-13 -6976.584 8.61E-13
0.25000 267.978750 -7111.181 8.61E-13
-2.79E-29 6.72E-13 -5551.067 8.57E-13
0.50000 267.978750 -7078.369 8.53E-13
-2.79E-29 5.00E-13 -4132.112 8.49E-13
0.75000 267.978750 -7045.556 8.53E-13
-2.79E-29 3.29E-13 -2719.719
1.00000 267.978750 -7012.744 8.49E-13
-2.79E-29 1.59E-13 -1313.889

COMB ULO15 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 267.978750 -7143.994 8.65E-13
-2.79E-29 8.45E-13 -6976.584 8.61E-13
0.25000 267.978750 -7111.181 8.61E-13
-2.79E-29 6.72E-13 -5551.067 8.57E-13
0.50000 267.978750 -7078.369 8.53E-13
-2.79E-29 5.00E-13 -4132.112 8.49E-13
0.75000 267.978750 -7045.556 8.53E-13
-2.79E-29 3.29E-13 -2719.719
1.00000 267.978750 -7012.744 8.49E-13
-2.79E-29 1.59E-13 -1313.889

COMB ULO15 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 267.978750 -7143.994 8.65E-13
-2.79E-29 8.45E-13 -6976.584 8.61E-13
0.25000 267.978750 -7111.181 8.61E-13
-2.79E-29 6.72E-13 -5551.067 8.57E-13
0.50000 267.978750 -7078.369 8.53E-13
-2.79E-29 5.00E-13 -4132.112 8.49E-13
0.75000 267.978750 -7045.556 8.53E-13
-2.79E-29 3.29E-13 -2719.719
1.00000 267.978750 -7012.744 8.49E-13
-2.79E-29 1.59E-13 -1313.889
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본세.OUT

: AAbutPier SAP2000 6-7 데이터파일 : 교각 본세 649

FRAME ELEMENT INTERNAL FORCES

COMB ULO16 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 6.59E-12 -5715.195 6.92E-13
-1.89E-29 5.78E-13 -4768.937 6.89E-13
0.25000 6.59E-12 -5688.945 6.86E-13
-1.89E-29 4.39E-13 -3628.523 6.83E-13
0.50000 6.59E-12 -5662.695 6.83E-13
-1.89E-29 3.02E-13 -2493.359 6.79E-13
0.75000 6.59E-12 -5636.445 6.79E-13
-1.89E-29 1.65E-13 -1363.445 6.79E-13
1.00000 6.59E-12 -5610.195 6.79E-13
-1.89E-29 2.89E-14 -238.781250

COMB ULO16 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 6.59E-12 -5715.195 6.92E-13
-1.89E-29 5.78E-13 -4768.937 6.89E-13
0.25000 6.59E-12 -5688.945 6.86E-13
-1.89E-29 4.39E-13 -3628.523 6.83E-13
0.50000 6.59E-12 -5662.695 6.83E-13
-1.89E-29 3.02E-13 -2493.359 6.79E-13
0.75000 6.59E-12 -5636.445 6.79E-13
-1.89E-29 1.65E-13 -1363.445 6.79E-13
1.00000 6.59E-12 -5610.195 6.79E-13
-1.89E-29 2.89E-14 -238.781250

COMB ULO17 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 -8.87E-13 -10251.378 1.24E-12
-3.90E-29 1.02E-12 -8456.914 1.24E-12
0.25000 -8.87E-13 -10217.253 1.24E-12
-3.90E-29 7.76E-13 -6410.055 1.23E-12
0.50000 -8.87E-13 -10183.128 1.23E-12
-3.90E-29 5.29E-13 -4370.017 1.23E-12
0.75000 -8.87E-13 -10149.003 1.23E-12
-3.90E-29 2.83E-13 -2336.804 1.22E-12
1.00000 -8.87E-13 -10114.878 1.22E-12
-3.90E-29 3.76E-14 -310.415625

COMB ULO17 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 -8.87E-13 -10251.378 1.24E-12
-3.90E-29 1.02E-12 -8456.914 1.24E-12
0.25000 -8.87E-13 -10217.253 1.23E-12
-3.90E-29 7.76E-13 -6410.055 1.23E-12
0.50000 -8.87E-13 -10183.128 1.23E-12
-3.90E-29 5.29E-13 -4370.017 1.23E-12
0.75000 -8.87E-13 -10149.003 1.23E-12
-3.90E-29 2.83E-13 -2336.804 1.22E-12
1.00000 -8.87E-13 -10114.878 1.22E-12
-3.90E-29 3.76E-14 -310.415625

COMB ULO18 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 420.919200 -6858.234 8.31E-13
-2.75E-29 8.64E-13 -7137.861 8.27E-13
0.25000 420.919200 -6826.734 8.23E-13
-2.75E-29 6.99E-13 -5769.364 8.19E-13
0.50000 420.919200 -6735.234 8.15E-13
-2.75E-29 5.34E-13 -4407.167
0.75000 420.919200 -6763.734 8.15E-13
-2.75E-29 3.70E-13 -3051.270
1.00000 420.919200 -6732.234 8.15E-13
-2.75E-29 2.06E-13 -1701.673

COMB ULO18 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 420.919200 -6858.234 8.31E-13
-2.75E-29 8.64E-13 -7137.861 8.27E-13
0.25000 420.919200 -6826.734 8.23E-13
-2.75E-29 6.99E-13 -5769.364 8.19E-13
0.50000 420.919200 -6735.234 8.15E-13
-2.75E-29 5.34E-13 -4407.167
0.75000 420.919200 -6763.734 8.15E-13
-2.75E-29 3.70E-13 -3051.270
1.00000 420.919200 -6732.234 8.15E-13
-2.75E-29 2.06E-13 -1701.673
Program SAP2000 Nonlinear Version 7.42
File:청도1교상행_P9_본세.OUT

: AAbutPier SAP2000 6-7 데이터파일 : 교각 본세 650

FRAME ELEMENT INTERNAL FORCES

COMB UEO01 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 -9.25E-12 -10381.727 1.26E-12
-4.27E-29 1.03E-12 -8502.163 1.25E-12
0.25000 -9.25E-12 -10355.477 1.25E-12
-4.27E-29 7.79E-13 -6428.442 1.25E-12
0.50000 -9.25E-12 -10329.227 1.25E-12
-4.27E-29 5.28E-13 -4359.972 1.25E-12
0.75000 -9.25E-12 -10302.977 1.25E-12
-4.27E-29 2.78E-13 -2296.752 1.24E-12
1.00000 -9.25E-12 -10276.727 1.24E-12
-4.27E-29 2.89E-14 -238.781250

COMB UEO01 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 -9.25E-12 -10381.727 1.26E-12
-4.27E-29 1.03E-12 -8502.163 1.25E-12
0.25000 -9.25E-12 -10355.477 1.25E-12
-4.27E-29 7.79E-13 -6428.442 1.25E-12
0.50000 -9.25E-12 -10329.227 1.25E-12
-4.27E-29 5.28E-13 -4359.972 1.25E-12
0.75000 -9.25E-12 -10302.977 1.25E-12
-4.27E-29 2.78E-13 -2296.752 1.24E-12
1.00000 -9.25E-12 -10276.727 1.24E-12
-4.27E-29 2.89E-14 -238.781250

COMB UEO02 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 6.39E-12 -5715.195 6.92E-13
-1.90E-29 5.78E-13 -4768.937 6.89E-13
0.25000 6.39E-12 -5688.945 6.86E-13
-1.90E-29 4.39E-13 -3628.523 6.83E-13
0.50000 6.39E-12 -5662.695 6.83E-13
-1.90E-29 3.02E-13 -2493.359 6.79E-13
0.75000 6.39E-12 -5636.445 6.83E-13
-1.90E-29 1.65E-13 -1363.445 6.79E-13
1.00000 6.39E-12 -5610.195 6.79E-13
-1.90E-29 2.89E-14 -238.781250

COMB UEO02 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 6.39E-12 -5715.195 6.92E-13
-1.90E-29 5.78E-13 -4768.937 6.89E-13
0.25000 6.39E-12 -5688.945 6.86E-13
-1.90E-29 4.39E-13 -3628.523 6.83E-13
0.50000 6.39E-12 -5662.695 6.83E-13
-1.90E-29 3.02E-13 -2493.359 6.79E-13
0.75000 6.39E-12 -5636.445 6.83E-13
-1.90E-29 1.65E-13 -1363.445 6.79E-13
1.00000 6.39E-12 -5610.195 6.79E-13
-1.90E-29 2.89E-14 -238.781250

COMB UEO03 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 455.995800 -5715.195 6.92E-13
-2.41E-29 7.63E-13 -6302.001 6.89E-13
0.25000 455.995800 -5688.945 6.89E-13
-2.41E-29 6.1E-13 -5161.587 6.86E-13
0.50000 455.995800 -5662.695 6.86E-13
-2.41E-29 4.88E-13 -4026.423 6.83E-13
0.75000 455.995800 -5636.445 6.83E-13
-2.41E-29 3.51E-13 -2896.509 6.79E-13
1.00000 455.995800 -5610.195 6.79E-13
-2.41E-29 2.15E-13 -1771.845

COMB UEO03 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 455.995800 -5715.195 6.92E-13
-2.41E-29 7.63E-13 -6302.001 6.89E-13
0.25000 455.995800 -5688.945 6.89E-13
-2.41E-29 6.25E-13 -5161.587 6.86E-13
0.50000 455.995800 -5662.695 6.83E-13
-2.41E-29 4.88E-13 -4026.423 6.83E-13
0.75000 455.995800 -5636.445 6.79E-13
-2.41E-29 3.51E-13 -2896.509 6.79E-13
1.00000 455.995800 -5610.195 6.79E-13
-2.41E-29 2.15E-13 -1771.845
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FRAME ELEMENT INTERNAL FORCES

COMB UEO04 ----- MAX

REL DIST T M2 P M3 V2 V3
0.00000 278.697900 -8536.819 1.03E-12
-3.77E-29 9.79E-13 -8082.265 1.03E-12
0.25000 278.697900 -8510.569 1.03E-12
-3.77E-29 7.72E-13 -6377.527 1.03E-12
0.50000 278.697900 -8484.319 1.03E-12
-3.77E-29 6.1E-13 -4678.038 1.02E-12
0.75000 278.697900 -8458.069 1.02E-12
1.00000 278.697900 -8431.819 1.02E-12
-3.77E-29 1.57E-13 -1294.810

COMB UEO04 ----- MIN

REL DIST T M2 P M3 V2 V3
0.00000 278.697900 -8536.819 1.03E-12
-3.77E-29 9.79E-13 -8082.265 1.03E-12
0.25000 278.697900 -8

0.00000 6.39E-12 -5715.195 6.92E-13
-1.90E-29 5.78E-13 -4768.937
0.25000 6.39E-12 -5688.945
-1.90E-29 4.39E-13 -3628.523
0.50000 6.39E-12 -5662.695 6.86E-13
-1.90E-29 3.02E-13 -2493.359
0.75000 6.39E-12 -5636.445 6.83E-13
-1.90E-29 1.65E-13 -1363.445
1.00000 6.39E-12 -5610.195 6.79E-13
-1.90E-29 2.89E-14 -238.781250
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FRAME ELEMENT INTERNAL FORCES

COMB UEO10 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 438.457500 -5429.435 6.58E-13
-2.29E-29 7.27E-13 -6004.590
0.25000 438.457500 -5404.498 6.55E-13
-2.29E-29 5.96E-13 -4921.197
0.50000 438.457500 -5379.560 6.51E-13
-2.29E-29 4.65E-13 -3842.791
0.75000 438.457500 -5354.623 6.48E-13
-2.29E-29 3.35E-13 -2769.373
1.00000 438.457500 -5329.685 6.45E-13
-2.29E-29 2.06E-13 -1700.942

COMB UEO10 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 438.457500 -5429.435 6.58E-13
-2.29E-29 7.27E-13 -6004.590
0.25000 438.457500 -5404.498 6.55E-13
-2.29E-29 5.96E-13 -4921.197
0.50000 438.457500 -5379.560 6.51E-13
-2.29E-29 4.65E-13 -3842.791
0.75000 438.457500 -5354.623 6.48E-13
-2.29E-29 3.35E-13 -2769.373
1.00000 438.457500 -5329.685 6.45E-13
-2.29E-29 2.06E-13 -1700.942

COMB UEO11 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 438.457500 -5429.435 6.58E-13
-2.29E-29 7.27E-13 -6004.590
0.25000 438.457500 -5404.498 6.55E-13
-2.29E-29 5.96E-13 -4921.197
0.50000 438.457500 -5379.560 6.51E-13
-2.29E-29 4.65E-13 -3842.791
0.75000 438.457500 -5354.623 6.48E-13
-2.29E-29 3.35E-13 -2769.373
1.00000 438.457500 -5329.685 6.45E-13
-2.29E-29 2.06E-13 -1700.942

COMB UEO11 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 438.457500 -5429.435 6.58E-13
-2.29E-29 7.27E-13 -6004.590
0.25000 438.457500 -5404.498 6.55E-13
-2.29E-29 5.96E-13 -4921.197
0.50000 438.457500 -5379.560 6.51E-13
-2.29E-29 4.65E-13 -3842.791
0.75000 438.457500 -5354.623 6.48E-13
-2.29E-29 3.35E-13 -2769.373
1.00000 438.457500 -5329.685 6.45E-13
-2.29E-29 2.06E-13 -1700.942

COMB UEO12 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 267.978750 -8142.535 9.86E-13
-3.60E-29 9.35E-13 -7716.383 9.83E-13
0.25000 267.978750 -8117.598 9.80E-13
-3.60E-29 7.38E-13 -6090.370 9.77E-13
0.50000 267.978750 -8092.660 9.74E-13
-3.60E-29 5.41E-13 -4469.344 9.71E-13
0.75000 267.978750 -8067.723 9.70E-13
-3.60E-29 3.46E-13 -2853.305 9.74E-13
1.00000 267.978750 -8042.785 9.74E-13
-3.60E-29 1.50E-13 -1242.255

COMB UEO12 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 267.978750 -8142.535 9.86E-13
-3.60E-29 9.35E-13 -7716.383 9.83E-13
0.25000 267.978750 -8117.598 9.80E-13
-3.60E-29 7.38E-13 -6090.370 9.77E-13
0.50000 267.978750 -8092.660 9.74E-13
-3.60E-29 5.41E-13 -4469.344 9.71E-13
0.75000 267.978750 -8067.723 9.70E-13
-3.60E-29 3.46E-13 -2853.305 9.74E-13
1.00000 267.978750 -8042.785 9.74E-13
-3.60E-29 1.50E-13 -1242.255
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FRAME ELEMENT INTERNAL FORCES

COMB UEO13 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 267.978750 -8142.535 9.86E-13
-3.60E-29 9.35E-13 -7716.383 9.83E-13
0.25000 267.978750 -8117.598 9.80E-13
-3.60E-29 7.38E-13 -6090.370 9.77E-13
0.50000 267.978750 -8092.660 9.74E-13
-3.60E-29 5.41E-13 -4469.344 9.71E-13
0.75000 267.978750 -8067.723 9.70E-13
-3.60E-29 3.46E-13 -2853.305 9.74E-13
1.00000 267.978750 -8042.785 9.74E-13
-3.60E-29 1.50E-13 -1242.255

COMB UEO13 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 267.978750 -8142.535 9.86E-13
-3.60E-29 9.35E-13 -7716.383 9.83E-13
0.25000 267.978750 -8117.598 9.80E-13
-3.60E-29 7.38E-13 -6090.370 9.77E-13
0.50000 267.978750 -8092.660 9.74E-13
-3.60E-29 5.41E-13 -4469.344 9.71E-13
0.75000 267.978750 -8067.723 9.70E-13
-3.60E-29 3.46E-13 -2853.305 9.74E-13
1.00000 267.978750 -8042.785 9.74E-13
-3.60E-29 1.50E-13 -1242.255

COMB UEO14 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 267.978750 -5429.435 6.58E-13
-2.22E-29 6.72E-13 -5545.903
0.25000 267.978750 -5404.498 6.55E-13
-2.22E-29 5.40E-13 -4462.510
0.50000 267.978750 -5379.560 6.51E-13
-2.22E-29 4.10E-13 -3384.104
0.75000 267.978750 -5354.623 6.48E-13
-2.22E-29 2.80E-13 -2310.685
1.00000 267.978750 -5329.685 6.45E-13
-2.22E-29 1.50E-13 -1242.255

COMB UEO14 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 267.978750 -5429.435 6.58E-13
-2.22E-29 6.72E-13 -5545.903
0.25000 267.978750 -5404.498 6.55E-13
-2.22E-29 5.40E-13 -4462.510
0.50000 267.978750 -5379.560 6.51E-13
-2.22E-29 4.10E-13 -3384.104
0.75000 267.978750 -5354.623 6.48E-13
-2.22E-29 2.80E-13 -2310.685
1.00000 267.978750 -5329.685 6.45E-13
-2.22E-29 1.50E-13 -1242.255

COMB UEO15 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 267.978750 -5429.435 6.58E-13
-2.22E-29 6.72E-13 -5545.903
0.25000 267.978750 -5404.498 6.55E-13
-2.22E-29 5.40E-13 -4462.510
0.50000 267.978750 -5379.560 6.51E-13
-2.22E-29 4.10E-13 -3384.104
0.75000 267.978750 -5354.623 6.48E-13
-2.22E-29 2.80E-13 -2310.685
1.00000 267.978750 -5329.685 6.45E-13
-2.22E-29 1.50E-13 -1242.255

COMB UEO15 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 267.978750 -5429.435 6.58E-13
-2.22E-29 6.72E-13 -5545.903
0.25000 267.978750 -5404.498 6.55E-13
-2.22E-29 5.40E-13 -4462.510
0.50000 267.978750 -5379.560 6.51E-13
-2.22E-29 4.10E-13 -3384.104
0.75000 267.978750 -5354.623 6.48E-13
-2.22E-29 2.80E-13 -2310.685
1.00000 267.978750 -5329.685 6.45E-13
-2.22E-29 1.50E-13 -1242.255
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FRAME ELEMENT INTERNAL FORCES

COMB UEO16 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 6.59E-12 -5715.195 6.92E-13
-1.89E-29 5.78E-13 -4768.937 6.89E-13
0.25000 6.59E-12 -5688.945 6.86E-13
-1.89E-29 4.39E-13 -3628.523 6.83E-13
0.50000 6.59E-12 -5662.695 6.83E-13
-1.89E-29 3.02E-13 -2493.359 6.79E-13
0.75000 6.59E-12 -5636.445 6.79E-13
-1.89E-29 1.65E-13 -1363.445 6.79E-13
1.00000 6.59E-12 -5610.195 6.79E-13
-1.89E-29 2.89E-14 -238.781250

COMB UEO16 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 6.59E-12 -5715.195 6.92E-13
-1.89E-29 5.78E-13 -4768.937 6.89E-13
0.25000 6.59E-12 -5688.945 6.86E-13
-1.89E-29 4.39E-13 -3628.523 6.83E-13
0.50000 6.59E-12 -5662.695 6.83E-13
-1.89E-29 3.02E-13 -2493.359 6.79E-13
0.75000 6.59E-12 -5636.445 6.79E-13
-1.89E-29 1.65E-13 -1363.445 6.79E-13
1.00000 6.59E-12 -5610.195 6.79E-13
-1.89E-29 2.89E-14 -238.781250

COMB UEO17 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -3.07E-12 -8536.819 1.03E-12
-3.33E-29 8.51E-13 -7026.236 1.03E-12
0.25000 -3.07E-12 -8510.569 1.03E-12
-3.33E-29 6.44E-13 -5321.498 1.03E-12
0.50000 -3.07E-12 -8484.319 1.02E-12
-3.33E-29 4.39E-13 -3622.009 1.02E-12
0.75000 -3.07E-12 -8458.669 1.02E-12
-3.33E-29 2.33E-13 -1927.770 1.02E-12
1.00000 -3.07E-12 -8431.819 1.02E-12
-3.33E-29 2.89E-14 -238.781250

COMB UEO17 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -3.07E-12 -8536.819 1.03E-12
-3.33E-29 8.51E-13 -7026.236 1.03E-12
0.25000 -3.07E-12 -8510.569 1.03E-12
-3.33E-29 6.44E-13 -5321.498 1.03E-12
0.50000 -3.07E-12 -8484.319 1.02E-12
-3.33E-29 4.39E-13 -3622.009 1.02E-12
0.75000 -3.07E-12 -8458.669 1.02E-12
-3.33E-29 2.33E-13 -1927.770 1.02E-12
1.00000 -3.07E-12 -8431.819 1.02E-12
-3.33E-29 2.89E-14 -238.781250

COMB UEO18 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 420.919200 -5143.676 6.23E-13
-2.18E-29 6.91E-13 -5707.180 6.20E-13
0.25000 420.919200 -5120.051 6.17E-13
-2.18E-29 5.87E-13 -4680.807 6.17E-13
0.50000 420.919200 -5096.426 6.17E-13
-2.18E-29 4.43E-13 -3659.159 6.14E-13
0.75000 420.919200 -5072.801 6.14E-13
-2.18E-29 3.20E-13 -2642.237 6.11E-13
1.00000 420.919200 -5049.236 6.11E-13
-2.18E-29 1.97E-13 -1630.039

COMB UEO18 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 420.919200 -5143.676 6.23E-13
-2.18E-29 6.91E-13 -5707.180 6.20E-13
0.25000 420.919200 -5120.051 6.17E-13
-2.18E-29 5.87E-13 -4680.807 6.17E-13
0.50000 420.919200 -5096.426 6.17E-13

-2.18E-29 4.43E-13 -3659.159 6.14E-13
0.75000 420.919200 -5072.801 6.14E-13
-2.18E-29 3.20E-13 -2642.237 6.11E-13
1.00000 420.919200 -5049.176 6.11E-13
-2.18E-29 1.97E-13 -1630.039 6.11E-13
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FRAME ELEMENT INTERNAL FORCES

COMB ENVBULT ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -6.18E-12 -12096.286 1.46E-12
-4.84E-29 1.20E-12 -9932.844 1.46E-12
0.25000 -6.18E-12 -12062.161 1.46E-12
-4.84E-29 9.10E-13 -7516.999 1.46E-12
0.50000 -6.18E-12 -12028.036 1.46E-12
-4.84E-29 6.19E-13 -5107.980 1.45E-12
0.75000 -6.18E-12 -11993.911 1.45E-12
-4.84E-29 3.28E-13 -2705.785 1.45E-12
1.00000 -6.18E-12 -11959.786 1.45E-12
-4.84E-29 3.76E-14 -310.415625

COMB ENVBULT ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -6.18E-12 -12096.286 1.46E-12
-4.84E-29 1.20E-12 -9932.844 1.46E-12
0.25000 -6.18E-12 -12062.161 1.46E-12
-4.84E-29 9.10E-13 -7516.999 1.46E-12
0.50000 -6.18E-12 -12028.036 1.46E-12
-4.84E-29 6.19E-13 -5107.980 1.45E-12
0.75000 -6.18E-12 -11993.911 1.45E-12
-4.84E-29 3.28E-13 -2705.785 1.45E-12
1.00000 -6.18E-12 -11959.786 1.45E-12
-4.84E-29 3.76E-14 -310.415625

COMB ENVBECC ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 7.28E-12 -5715.195 1.26E-12
-1.89E-29 1.03E-12 -4768.937 1.25E-12
0.25000 7.28E-12 -5688.945 1.25E-12
-1.89E-29 7.79E-13 -3628.523 1.25E-12
0.50000 7.28E-12 -5662.695 1.25E-12
-1.89E-29 5.28E-13 -2493.359 1.25E-12
0.75000 7.28E-12 -5636.445 1.25E-12
-1.89E-29 2.78E-13 -1363.445 1.24E-12
1.00000 7.28E-12 -5610.195 1.24E-12
-1.89E-29 2.89E-14 -238.781250

COMB ENVBECC ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -8.37E-12 -10381.727 6.92E-13
-4.27E-29 5.78E-13 -8502.163 6.89E-13
0.25000 -8.37E-12 -10355.477 6.89E-13
-4.27E-29 4.39E-13 -6428.442 6.86E-13
0.50000 -8.37E-12 -10329.227 6.86E-13
-4.27E-29 3.02E-13 -4359.972 6.83E-13
0.75000 -8.37E-12 -10302.977 6.79E-13
-4.27E-29 1.65E-13 -2296.752 6.79E-13
1.00000 -8.37E-12 -10276.727 6.79E-13
-4.27E-29 2.89E-14 -238.781250

COMB ENVOULT ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -8.37E-12 -10381.727 6.92E-13
-4.27E-29 5.78E-13 -8502.163 6.89E-13
0.25000 -8.37E-12 -10355.477 6.89E-13
-4.27E-29 4.39E-13 -6428.442 6.86E-13
0.50000 -8.37E-12 -10329.227 6.86E-13
-4.27E-29 3.02E-13 -4359.972 6.83E-13
0.75000 -8.37E-12 -10302.977 6.79E-13
-4.27E-29 1.65E-13 -2296.752 6.79E-13
1.00000 -8.37E-12 -10276.727 6.79E-13
-4.27E-29 2.89E-14 -238.781250

COMB ENVOULT ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -7.07E-12 -12096.286 1.46E-12
-4.84E-29 1.20E-12 -9932.844 1.46E-12
0.25000 -7.07E-12 -12062.161 1.46E-12
-4.84E-29 9.10E-13 -7516.999 1.46E-12
0.50000 -7.07E-12 -12028.036 1.46E-12
-4.84E-29 6.19E-13 -5107.980 1.45E-12
0.75000 -7.07E-12 -11993.911 1.45E-12
-4.84E-29 3.28E-13 -2705.785 1.45E-12
1.00000 -7.07E-12 -11959.786 1.45E-12
-4.84E-29 3.76E-14 -310.415625

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FRAME ELEMENT INTERNAL FORCES

COMB ENVBOCC ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 6.39E-12 -5715.195 1.26E-12
-1.90E-29 1.03E-12 -4768.937 1.25E-12
0.25000 6.39E-12 -5688.945 1.25E-12
-1.90E-29 7.79E-13 -3628.523 1.25E-12
0.50000 6.39E-12 -5662.695 1.25E-12
-1.90E-29 5.28E-13 -2493.359 1.25E-12
0.75000 6.39E-12 -5636.445 1.25E-12
-1.90E-29 2.78E-13 -1363.445 1.24E-12
1.00000 6.39E-12 -5610.195 1.24E-12
-1.90E-29 2.89E-14 -238.781250

COMB ENVBOCC ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -9.25E-12 -10381.727 6.92E-13
-4.27E-29 5.78E-13 -8502.163 6.89E-13
0.25000 -9.25E-12 -10355.477 6.89E-13
-4.27E-29 4.39E-13 -6428.442 6.86E-13
0.50000 -9.25E-12 -10329.227 6.86E-13
-4.27E-29 3.02E-13 -4359.972 6.83E-13
0.75

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REL DIST	T	P	M2	M3	V2	V3
0.25000	1.46E-11	-2.84E-14	0.00000			
-2.47E-32	1.58E-30	8.35E-15				
0.50000	0.00000	-2.84E-14	0.00000			
-2.47E-32	1.58E-30	9.59E-15				
0.75000	0.00000	-2.84E-14	0.00000			
-2.47E-32	1.58E-30	1.08E-14				
1.00000	0.00000	-2.84E-14	0.00000			
-2.47E-32	1.58E-30	1.21E-14				

LOAD COL-TR

REL DIST	T	P	M2	M3	V2	V3
0.00000	0.00000	-2.84E-14	0.00000			
-2.47E-32	6.31E-30	1.42E-14				
0.25000	0.00000	-2.84E-14	0.00000			
-2.47E-32	6.31E-30	1.55E-14				
0.50000	0.00000	-2.84E-14	0.00000			
-2.47E-32	6.31E-30	1.67E-14				
0.75000	0.00000	-2.84E-14	0.00000			
-2.47E-32	6.31E-30	1.79E-14				
1.00000	0.00000	-2.84E-14	0.00000			
-2.47E-32	6.31E-30	1.92E-14				

COMB SVB01 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.46E-11	-241.875000				2.93E-14
-4.42E-29	2.89E-14	-238.781250				
0.25000	1.46E-11	-236.132813				2.86E-14
-4.42E-29	2.77E-14	-228.324829				
0.50000	1.46E-11	-230.390625				2.79E-14
-4.42E-29	2.64E-14	-218.119629				
0.75000	1.46E-11	-224.648438				2.72E-14
-4.42E-29	2.52E-14	-208.165649				
1.00000	1.46E-11	-218.906250				2.65E-14
-4.42E-29	2.40E-14	-198.462891				

COMB SVB01 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.46E-11	-241.875000				2.93E-14
-4.42E-29	2.89E-14	-238.781250				
0.25000	1.46E-11	-236.132813				2.86E-14
-4.42E-29	2.77E-14	-228.324829				
0.50000	1.46E-11	-230.390625				2.79E-14
-4.42E-29	2.64E-14	-218.119629				
0.75000	1.46E-11	-224.648438				2.72E-14
-4.42E-29	2.52E-14	-208.165649				
1.00000	1.46E-11	-218.906250				2.65E-14
-4.42E-29	2.40E-14	-198.462891				

COMB SVB02 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.46E-11	-241.875000				2.93E-14
-3.16E-29	2.89E-14	-238.781250				
0.25000	1.46E-11	-236.132813				2.86E-14
-3.16E-29	2.77E-14	-228.324829				
0.50000	1.46E-11	-230.390625				2.79E-14
-3.16E-29	2.64E-14	-218.119629				
0.75000	1.46E-11	-224.648438				2.72E-14
-3.16E-29	2.52E-14	-208.165649				
1.00000	1.46E-11	-218.906250				2.65E-14
-3.16E-29	2.40E-14	-198.462891				

COMB SVB02 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.46E-11	-241.875000				2.93E-14
-3.16E-29	2.89E-14	-238.781250				
0.25000	1.46E-11	-236.132813				2.86E-14
-3.16E-29	2.77E-14	-228.324829				
0.50000	1.46E-11	-230.390625				2.79E-14
-3.16E-29	2.64E-14	-218.119629				
0.75000	1.46E-11	-224.648438				2.72E-14
-3.16E-29	2.52E-14	-208.165649				
1.00000	1.46E-11	-218.906250				2.65E-14
-3.16E-29	2.40E-14	-198.462891				

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

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.46E-11	-241.875000				-11.610000
3.64E-12	-11.461500	-238.781250				
0.25000	1.46E-11	-236.132813				-11.334375
3.64E-12	-10.959592	-228.324829				
0.50000	1.46E-11	-230.390625				-11.058750
3.64E-12	-10.469742	-218.119629				
0.75000	1.46E-11	-224.648438				-10.783125
3.64E-12	-9.991951	-208.165649				
1.00000	1.46E-11	-218.906250				-10.507500
3.64E-12	-9.526219	-198.462891				

COMB SVB03 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.46E-11	-241.875000				-11.610000
3.64E-12	-11.461500	-238.781250				
0.25000	1.46E-11	-236.132813				-11.334375
3.64E-12	-10.959592	-228.324829				
0.50000	1.46E-11	-230.390625				-11.058750
3.64E-12	-10.469742	-218.119629				
0.75000	1.46E-11	-224.648438				-10.783125
3.64E-12	-9.991951	-208.165649				
1.00000	1.46E-11	-218.906250				-10.507500
3.64E-12	-9.526219	-198.462891				

COMB SVB04 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.46E-11	-241.875000				-5.805000
1.82E-12	-5.730750	-238.781250				
0.25000	1.46E-11	-236.132813				-5.667187
1.82E-12	-5.479796	-228.324829				
0.50000	1.46E-11	-230.390625				-5.529375
1.82E-12	-5.234871	-218.119629				
0.75000	1.46E-11	-224.648438				-5.391562
1.82E-12	-4.995976	-208.165649				
1.00000	1.46E-11	-218.906250				-5.253750
1.82E-12	-4.763109	-198.462891				

COMB SVB04 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.46E-11	-241.875000				-5.805000
1.82E-12	-5.730750	-238.781250				
0.25000	1.46E-11	-236.132813				-5.667187
1.82E-12	-5.479796	-228.324829				
0.50000	1.46E-11	-230.390625				-5.529375
1.82E-12	-5.234871	-218.119629				
0.75000	1.46E-11	-224.648438				-5.391562
1.82E-12	-4.995976	-208.165649				
1.00000	1.46E-11	-218.906250				-5.253750
1.82E-12	-4.763109	-198.462891				

T	M2	M3	
0.00000	1.46E-11	-241.875000	-5.805000
1.82E-12	-5.730750	-238.781250	
0.25000	1.46E-11	-236.132813	-5.667187
1.82E-12	-5.479796	-228.324829	
0.50000	1.46E-11	-230.390625	-5.529375
1.82E-12	-5.234871	-218.119629	
0.75000	1.46E-11	-224.648438	-5.391562
1.82E-12	-4.995976	-208.165649	
1.00000	1.46E-11	-218.906250	-5.253750
1.82E-12	-4.763109	-198.462891	

COMB SVB05 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.46E-11	-241.875000				-5.805000
1.82E-12	-5.730750	-238.781250				
0.25000	1.46E-11	-236.132813				-5.667187
1.82E-12	-5.479796	-228.324829				
0.50000	1.46E-11	-230.390625				-5.529375
1.82E-12	-5.234871	-218.119629				
0.75000	1.46E-11	-224.648438				-5.391562
1.82E-12	-4.995976	-208.165649				
1.00000	1.46E-11	-218.906250				-5.253750
1.82E-12	-4.763109	-198.462891				

COMB SVB05 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.46E-11	-241.875000				-5.805000
1.82E-12	-5.730750	-238.781250				
0.25000	1.46E-11	-236.132813				-5.667187
1.82E-12	-5.479796	-228.324829				
0.50000	1.46E-11	-230.390625				-5.529375
1.82E-12	-5.234871	-218.119629				
0.75000	1.46E-11	-224.648438				-5.391562
1.82E-12	-4.995976	-208.165649				
1.00000	1.46E-11	-218.906250				-5.253750
1.82E-12	-4.763109	-198.462891				

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

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.46E-11	-241.875000				2.93E-14
5.82E-11	2.91E-11	-238.781250				
0.25000	1.46E-11	-236.132813				2.86E-14
5.82E-11	2.91E-11	-228.324829				
0.50000	1.46E-11	-230.390625				2.79E-14
5.82E-11	2.91E-11	-218.119629				
0.75000	1.46E-11	-224.648438				2.72E-14
5.82E-11	2.91E-11	-208.165649				
1.00000	1.46E-11	-218.906250				2.65E-14
5.82E-11	2.91E-11	-198.462891				

COMB SVB06 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.46E-11	-241.875000				2.93E-14
5.82E-11	2.91E-11	-238.781250				
0.25000	1.46E-11	-236.132813				2.86E-14
5.82E-11	2.91E-11	-228.324829				
0.50000	1.46E-11	-230.390625				2.79E-14
5.82E-11	2.91E-11	-218.119629				
0.75000	1.46E-11	-224.648438				2.72E-14
5.82E-11	2.91E-11	-208.165649				
1.00000	1.46E-11	-218.906250				2.65E-14
5.82E-11	2.91E-11	-198.462891				

COMB SVB07 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	1.46E-11	-241.875000				2.93E-14
-4.42E-29	2.89E-14	-238.781250				
0.25000	1.46E-11	-236.132813				2.86E-14
-4.42E-29	2.77E-14	-228.324829				
0.50000	1.46E-11	-230.390625				2.79E-14
-4.42E-29	2.64E-14	-218.119629				
0.75000	1.46E-11	-224.648438				2.72E-14
-4.42E-29	2.52E-14	-208.165649				
1.00000	1.46E-11	-218.906250				2.65E-14
-4.42E-29	2.40E-14	-198.462891				

COMB SVB07 ----- MIN

REL DIST	T</
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[illegible]

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.46E-11	-241.875000			-15.093000
4.73E-12	-14.899950	-238.781250			
0.25000	1.46E-11	-236.132813			-14.734687
4.73E-12	-14.247469	-228.324829			
0.50000	1.46E-11	-230.390625			-14.376375
4.73E-12	-13.610665	-218.119629			
0.75000	1.46E-11	-224.648438			-14.018062
4.73E-12	-12.989537	-208.165649			
1.00000	1.46E-11	-218.906250			-13.659750
4.73E-12	-12.384084	-198.462891			

COMB UEB04 ----- MAX

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.46E-11	-241.875000			-7.546500
2.36E-12	-7.449975	-238.781250			
0.25000	1.46E-11	-236.132813			-7.367344
2.36E-12	-7.123735	-228.324829			
0.50000	1.46E-11	-230.390625			-7.188187
2.36E-12	-6.805332	-218.119629			
0.75000	1.46E-11	-224.648438			-7.009031
2.36E-12	-6.494768	-208.165649			
1.00000	1.46E-11	-218.906250			-6.829875
2.36E-12	-6.192042	-198.462891			

COMB UEB04 ----- MIN

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.46E-11	-241.875000			-7.546500
2.36E-12	-7.449975	-238.781250			
0.25000	1.46E-11	-236.132813			-7.367344
2.36E-12	-7.123735	-228.324829			
0.50000	1.46E-11	-230.390625			-7.188187
2.36E-12	-6.805332	-218.119629			
0.75000	1.46E-11	-224.648438			-7.009031
2.36E-12	-6.494768	-208.165649			
1.00000	1.46E-11	-218.906250			-6.829875
2.36E-12	-6.192042	-198.462891			

COMB UEB05 ----- MAX

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.46E-11	-241.875000			-7.546500
2.36E-12	-7.449975	-238.781250			
0.25000	1.46E-11	-236.132813			-7.367344
2.36E-12	-7.123735	-228.324829			
0.50000	1.46E-11	-230.390625			-7.188187
2.36E-12	-6.805332	-218.119629			
0.75000	1.46E-11	-224.648438			-7.009031
2.36E-12	-6.494768	-208.165649			
1.00000	1.46E-11	-218.906250			-6.829875
2.36E-12	-6.192042	-198.462891			

COMB UEB05 ----- MIN

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.46E-11	-241.875000			-7.546500
2.36E-12	-7.449975	-238.781250			
0.25000	1.46E-11	-236.132813			-7.367344
2.36E-12	-7.123735	-228.324829			
0.50000	1.46E-11	-230.390625			-7.188187
2.36E-12	-6.805332	-218.119629			
0.75000	1.46E-11	-224.648438			-7.009031
2.36E-12	-6.494768	-208.165649			
1.00000	1.46E-11	-218.906250			-6.829875
2.36E-12	-6.192042	-198.462891			

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

COMB UEB06 ----- MAX

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.46E-11	-241.875000			2.93E-14
7.57E-11	3.79E-11	-238.781250			
0.25000	1.46E-11	-236.132813			2.86E-14
7.57E-11	3.79E-11	-228.324829			
0.50000	1.46E-11	-230.390625			2.79E-14
7.57E-11	3.79E-11	-218.119629			
0.75000	1.46E-11	-224.648438			2.72E-14
7.57E-11	3.79E-11	-208.165649			
1.00000	1.46E-11	-218.906250			2.65E-14
7.57E-11	3.79E-11	-198.462891			

COMB UEB06 ----- MIN

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.46E-11	-241.875000			2.93E-14
7.57E-11	3.79E-11	-238.781250			
0.25000	1.46E-11	-236.132813			2.86E-14
7.57E-11	3.79E-11	-228.324829			
0.50000	1.46E-11	-230.390625			2.79E-14
7.57E-11	3.79E-11	-218.119629			
0.75000	1.46E-11	-224.648438			2.72E-14
7.57E-11	3.79E-11	-208.165649			
1.00000	1.46E-11	-218.906250			2.65E-14
7.57E-11	3.79E-11	-198.462891			

COMB UEB07 ----- MAX

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.46E-11	-241.875000			2.93E-14
-4.80E-29	2.89E-14	-238.781250			
0.25000	1.46E-11	-236.132813			2.86E-14
-4.80E-29	2.77E-14	-228.324829			
-4.80E-29	2.64E-14	-218.119629			
0.50000	1.46E-11	-230.390625			2.79E-14
-4.80E-29	2.52E-14	-208.165649			
0.75000	1.46E-11	-224.648438			2.72E-14
-4.80E-29	2.40E-14	-198.462891			
1.00000	1.46E-11	-218.906250			2.65E-14
-4.80E-29	2.40E-14	-198.462891			

COMB UEB07 ----- MIN

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.46E-11	-241.875000			2.93E-14
-4.80E-29	2.89E-14	-238.781250			
0.25000	1.46E-11	-236.132813			2.86E-14
-4.80E-29	2.77E-14	-228.324829			
0.50000	1.46E-11	-230.390625			2.79E-14
-4.80E-29	2.64E-14	-218.119629			
0.75000	1.46E-11	-224.648438			2.72E-14
-4.80E-29	2.52E-14	-208.165649			
1.00000	1.46E-11	-218.906250			2.65E-14
-4.80E-29	2.40E-14	-198.462891			

COMB UEB08 ----- MAX

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.46E-11	-241.875000			2.93E-14
7.57E-11	3.79E-11	-238.781250			
0.25000	1.46E-11	-236.132813			2.86E-14
7.57E-11	3.79E-11	-228.324829			

0.50000	1.46E-11	-230.390625	2.79E-14
7.57E-11	3.79E-11	-218.119629	
0.75000	1.46E-11	-224.648438	2.72E-14
7.57E-11	3.79E-11	-208.165649	
1.00000	1.46E-11	-218.906250	2.65E-14
7.57E-11	3.79E-11	-198.462891	

COMB UEB08 ----- MIN

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.46E-11	-241.875000			2.93E-14
7.57E-11	3.79E-11	-238.781250			
0.25000	1.46E-11	-236.132813			2.86E-14
7.57E-11	3.79E-11	-228.324829			
0.50000	1.46E-11	-230.390625			2.79E-14
7.57E-11	3.79E-11	-218.119629			
0.75000	1.46E-11	-224.648438			2.72E-14
7.57E-11	3.79E-11	-208.165649			
1.00000	1.46E-11	-218.906250			2.65E-14
7.57E-11	3.79E-11	-198.462891			

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COMB UEB09 ----- MAX

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.46E-11	-241.875000			2.93E-14
-3.16E-29	2.89E-14	-238.781250			
0.25000	1.46E-11	-236.132813			2.86E-14
-3.16E-29	2.77E-14	-228.324829			
0.50000	1.46E-11	-230.390625			2.79E-14
-3.16E-29	2.64E-14	-218.119629			
0.75000	1.46E-11	-224.648438			2.72E-14
-3.16E-29	2.52E-14	-208.165649			
1.00000	1.46E-11	-218.906250			2.65E-14
-3.16E-29	2.40E-14	-198.462891			

COMB UEB09 ----- MIN

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.46E-11	-241.875000			2.93E-14
-3.16E-29	2.89E-14	-238.781250			
0.25000	1.46E-11	-236.132813			2.86E-14
-3.16E-29	2.77E-14	-228.324829			
0.50000	1.46E-11	-230.390625			2.79E-14
-3.16E-29	2.64E-14	-218.119629			
0.75000	1.46E-11	-224.648438			2.72E-14
-3.16E-29	2.52E-14	-208.165649			
1.00000	1.46E-11	-218.906250			2.65E-14
-3.16E-29	2.40E-14	-198.462891			

COMB UEB10 ----- MAX

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.38E-11	-229.781250			-14.512500
7.73E-11	-14.326875	-226.842188			
0.25000	1.38E-11	-224.326172			-14.167969
7.73E-11	-13.699490	-216.908588			
0.50000	1.38E-11	-218.871094			-13.823437
7.73E-11	-13.087178	-207.213647			
0.75000	1.38E-11	-213.416016			-13.478906
7.73E-11	-12.489939	-197.757367			
1.00000	1.38E-11	-207.960938			-13.134375
7.73E-11	-11.907773	-188.539746			

COMB UEB10 ----- MIN

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.38E-11	-229.781250			-14.512500
7.73E-11	-14.326875	-226.842188			
0.25000	1.38E-11	-224.326172			-14.167969
7.73E-11	-13.699490	-216.908588			
0.50000	1.38E-11	-218.871094			-13.823437
7.73E-11	-13.087178	-207.213647			
0.75000	1.38E-11	-213.416016			-13.478906
7.73E-11	-12.489939	-197.757367			
1.00000	1.38E-11	-207.960938			-13.134375
7.73E-11	-11.907773	-188.539746			

COMB UEB11 ----- MAX

REL DIST	T	P	M2	V2	V3
	T	M2	M3		
0.00000	1.38E-11	-229.781250			-14.512500
4.55E-12	-14.326875	-226.842188			
0.25000	1.38E-11	-224.326172			-14.167969
4.55E-12	-13.699490	-216.908588			
0.50000	1.38E-11	-218.871094			-13.823437
4.55E-12	-13.087178	-207.213647			
0.75000	1.38E-11	-213.416016			-13.478906
4.55E-12	-12.489939	-197.757367			
1.00000	1.38E-11	-207.960938			-13.134

[illegible]

REL DIST	P	V2	V3	COMB	UEO12	-----	MAX	0.25000	1.46E-11	-236.132813	2.86E-14	0.00000	1.89E-11	-314.437500	3.81E-14
T	M2	M3		REL DIST	P	V2	V3	-3.16E-29	2.77E-14	-228.324829		-6.82E-29	3.76E-14	-310.415625	
0.00000	1.46E-11	-241.875000	2.93E-14	T	M2	M3		0.50000	1.46E-11	-230.390625	2.79E-14	0.25000	1.89E-11	-306.972656	3.72E-14
-4.80E-29	2.89E-14	-238.781250		-4.97E-29	2.75E-14	-226.842188	2.78E-14	-3.16E-29	2.64E-14	-218.196291		-6.82E-29	3.59E-14	-296.822278	
0.25000	1.46E-11	-236.132813	2.86E-14	0.00000	1.38E-11	-229.781250		0.75000	1.46E-11	-224.648438	2.72E-14	0.50000	1.89E-11	-299.507813	3.63E-14
-4.80E-29	2.77E-14	-228.324829		0.25000	1.38E-11	-224.326172	2.72E-14	-3.16E-29	2.52E-14	-208.165649		-6.82E-29	3.43E-14	-283.555518	
0.50000	1.46E-11	-230.390625	2.79E-14	-4.97E-29	2.63E-14	-216.908588		1.00000	1.46E-11	-218.906250	2.65E-14	0.75000	1.89E-11	-292.042969	3.54E-14
-4.80E-29	2.64E-14	-218.196291		0.50000	1.38E-11	-218.871094	2.65E-14	-3.16E-29	2.40E-14	-198.462891		-6.82E-29	3.28E-14	-270.615344	
0.75000	1.46E-11	-224.648438	2.72E-14	-4.97E-29	2.51E-14	-207.213647		COMB	UEO17	-----	MAX	1.00000	1.89E-11	-284.578125	3.45E-14
-4.80E-29	2.52E-14	-208.165649		0.75000	1.38E-11	-213.416016	2.58E-14	REL DIST	P	V2	V3	COMB	ENVOULT	-----	MIN
1.00000	1.46E-11	-218.906250	2.65E-14	-4.97E-29	2.39E-14	-197.757367		T	M2	M3		REL DIST	P	V2	V3
-4.80E-29	2.40E-14	-198.462891		1.00000	1.38E-11	-207.960938	2.52E-14	0.00000	1.46E-11	-241.875000	2.93E-14	0.00000	1.89E-11	-314.437500	3.81E-14
COMB	UEO08	-----	MAX	-4.97E-29	2.28E-14	-188.539746		-4.80E-29	2.89E-14	-238.781250		-6.82E-29	3.76E-14	-310.415625	
REL DIST	P	V2	V3	COMB	UEO12	-----	MIN	0.25000	1.46E-11	-236.132813	2.86E-14	0.25000	1.89E-11	-306.972656	3.72E-14
T	M2	M3		REL DIST	P	V2	V3	-4.80E-29	2.77E-14	-228.324829		-6.82E-29	3.59E-14	-296.822278	
0.00000	1.46E-11	-241.875000	2.93E-14	0.00000	1.38E-11	-229.781250	2.78E-14	0.50000	1.46E-11	-230.390625	2.79E-14	0.50000	1.89E-11	-299.507813	3.63E-14
-3.47E-29	2.89E-14	-238.781250		-4.97E-29	2.75E-14	-226.842188	2.72E-14	-4.80E-29	2.64E-14	-218.196291		-6.82E-29	3.43E-14	-283.555518	
0.25000	1.46E-11	-236.132813	2.86E-14	0.25000	1.38E-11	-224.326172	2.72E-14	1.00000	1.46E-11	-218.906250	2.65E-14	0.75000	1.89E-11	-292.042969	3.54E-14
-3.47E-29	2.77E-14	-228.324829		-4.97E-29	2.63E-14	-216.908588	2.65E-14	-4.80E-29	2.52E-14	-208.165649		-6.82E-29	3.28E-14	-270.615344	
0.50000	1.46E-11	-230.390625	2.79E-14	0.50000	1.38E-11	-218.871094	2.65E-14	COMB	UEO17	-----	MIN	1.00000	1.89E-11	-284.578125	3.45E-14
-3.47E-29	2.64E-14	-218.196291		-4.97E-29	2.51E-14	-207.213647		REL DIST	P	V2	V3	COMB	ENVOECC	-----	MAX
0.75000	1.46E-11	-224.648438	2.72E-14	0.75000	1.38E-11	-213.416016	2.58E-14	T	M2	M3		REL DIST	P	V2	V3
-3.47E-29	2.52E-14	-208.165649		-4.97E-29	2.39E-14	-197.757367		-4.80E-29	2.89E-14	-238.781250		0.00000	1.46E-11	-241.875000	2.93E-14
1.00000	1.46E-11	-218.906250	2.65E-14	1.00000	1.38E-11	-207.960938	2.52E-14	0.25000	1.46E-11	-236.132813	2.86E-14	-3.16E-29	2.89E-14	-238.781250	
-3.47E-29	2.40E-14	-198.462891		-4.68E-29	2.28E-14	-188.539746		-4.80E-29	2.64E-14	-218.196291		0.25000	1.46E-11	-236.132813	2.86E-14
COMB	UEO08	-----	MIN	COMB	UEO13	-----	MAX	0.50000	1.46E-11	-224.648438	2.72E-14	0.50000	1.46E-11	-230.390625	2.79E-14
REL DIST	P	V2	V3	REL DIST	P	V2	V3	-4.80E-29	2.52E-14	-208.165649		-3.16E-29	2.64E-14	-218.196291	
T	M2	M3		T	M2	M3		1.00000	1.46E-11	-218.906250	2.65E-14	0.75000	1.46E-11	-224.648438	2.79E-14
0.00000	1.46E-11	-241.875000	2.93E-14	0.00000	1.38E-11	-229.781250	2.78E-14	-4.80E-29	2.40E-14	-198.462891		-3.16E-29	2.52E-14	-208.165649	
-3.47E-29	2.89E-14	-238.781250		-4.68E-29	2.75E-14	-226.842188	2.72E-14	Program	SAP2000	Nonlinear	Version 7.42	1.00000	1.46E-11	-218.906250	2.65E-14
0.25000	1.46E-11	-236.132813	2.86E-14	-4.68E-29	2.63E-14	-216.908588	2.65E-14	File:청도교상행_P9_본체.OUT				-3.16E-29	2.40E-14	-198.462891	
-3.47E-29	2.77E-14	-228.324829		0.50000	1.38E-11	-218.871094	2.65E-14	COMB	UEO13	-----	MIN	COMB	ENVOECC	-----	MIN
0.50000	1.46E-11	-230.390625	2.79E-14	-4.68E-29	2.51E-14	-207.213647		REL DIST	P	V2	V3	REL DIST	P	V2	V3
-3.47E-29	2.64E-14	-218.196291		0.75000	1.38E-11	-213.416016	2.58E-14	T	M2	M3		T	M2	M3	
0.75000	1.46E-11	-224.648438	2.72E-14	-4.68E-29	2.39E-14	-197.757367		-4.80E-29	2.89E-14	-238.781250		-5.87E-29	2.89E-14	-238.781250	
-3.47E-29	2.52E-14	-208.165649		1.00000	1.38E-11	-207.960938	2.52E-14	0.25000	1.31E-11	-217.687500	2.64E-14	0.25000	1.46E-11	-236.132813	2.86E-14
1.00000	1.46E-11	-218.906250	2.65E-14	-4.68E-29	2.28E-14	-188.539746		-2.84E-29	2.60E-14	-214.903125		-5.87E-29	2.77E-14	-228.324829	
-3.47E-29	2.40E-14	-198.462891		COMB	UEO14	-----	MAX	0.25000	1.31E-11	-212.519531	2.57E-14	0.50000	1.46E-11	-230.390625	2.79E-14
COMB	UEO09	-----	MAX	REL DIST	P	V2	V3	-2.84E-29	2.49E-14	-205.492346		-6.82E-29	2.64E-14	-218.196291	
REL DIST	P	V2	V3	T	M2	M3		0.50000	1.31E-11	-207.351563	2.51E-14	-5.87E-29	2.52E-14	-208.165649	
T	M2	M3		-4.80E-29	2.75E-14	-226.842188	2.78E-14	0.75000	1.31E-11	-202.183594	2.45E-14	1.00000	1.46E-11	-218.906250	2.65E-14
0.00000	1.46E-11	-241.875000	2.93E-14	-3.40E-29	2.63E-14	-216.908588	2.65E-14	-2.84E-29	2.27E-14	-187.307666		-5.87E-29	2.40E-14	-198.462891	
-3.16E-29	2.89E-14	-238.781250		-3.40E-29	2.51E-14	-207.213647		0.25000	1.31E-11	-212.519531	2.57E-14	ELEM	15	=====	LENGTH =
0.25000	1.46E-11	-236.132813	2.86E-14	-3.40E-29	2.39E-14	-197.757367	2.58E-14	0.50000	1.31E-11	-207.351563	2.51E-14	0.125000			
-3.16E-29	2.77E-14	-228.324829		1.00000	1.38E-11	-207.960938	2.52E-14	0.75000	1.31E-11	-202.183594	2.45E-14	LOAD	D	-----	
0.50000	1.46E-11	-230.390625	2.79E-14	-4.68E-29	2.28E-14	-188.539746		-2.84E-29	2.16E-14	-178.616602	2.39E-14	REL DIST	P	V2	V3
-3.16E-29	2.64E-14	-218.196291		COMB	UEO14	-----	MAX	COMB	UEO18	-----	MIN	T	M2	M3	
0.75000	1.46E-11	-224.648438	2.72E-14	REL DIST	P	V2	V3	REL DIST	P	V2	V3	0.00000	.000000	-218.906250	2.65E-14
-3.16E-29	2.52E-14	-208.165649		T	M2	M3		T	M2	M3		.000000	2.40E-14	-198.462891	
1.00000	1.46E-11	-218.906250	2.65E-14	-3.40E-29	2.75E-14	-226.842188	2.78E-14	0.25000	1.31E-11	-217.687500	2.64E-14	0.25000	.000000	-214.804688	2.60E-14
-3.16E-29	2.40E-14	-198.462891		0.25000	1.38E-11	-224.326172	2.72E-14	0.50000	1.31E-11	-212.519531	2.57E-14	.000000	2.32E-14	-191.686157	2.55E-14
COMB	UEO09	-----	MIN	-4.68E-29	2.63E-14	-216.908588	2.65E-14	-2.84E-29	2.60E-14	-214.903125		0.50000	.000000	-210.703125	
REL DIST	P	V2	V3	0.50000	1.38E-11	-218.871094	2.65E-14	0.25000	1.31E-11	-212.519531	2.57E-14	0.75000	.000000	-206.601563	2.50E-14
T	M2	M3		-4.68E-29	2.51E-14	-207.213647		-2.84E-29	2.49E-14	-205.492346		.000000	2.16E-14	-178.517212	
0.00000	1.46E-11	-241.875000	2.93E-14	0.75000	1.38E-11	-213.416016	2.58E-14	-2.84E-29	2.38E-14	-196.307666	2.45E-14	1.00000	.000000	-202.500000	2.45E-14
-3.16E-29	2.89E-14	-238.781250		1.00000	1.38E-11	-207.960938	2.52E-14	0.75000	1.31E-11	-202.183594	2.45E-14	.000000	2.08E-14	-172.125000	
0.25000	1.46E-11	-236.132813	2.86E-14	-4.68E-29	2.28E-14	-188.539746		-2.84E-29	2.16E-14	-178.616602	2.39E-14	LOAD	L1	-----	
-3.16E-29	2.77E-14	-228.324829		COMB	UEO14	-----	MAX	COMB	ENVBULT	-----	MAX	REL DIST	P	V2	V3
0.50000	1.46E-11	-230.390625	2.79E-14	REL DIST	P	V2	V3	REL DIST	P	V2	V3	T	M2	M3	
-3.16E-29	2.64E-14	-218.196291		T	M2	M3		T	M2	M3		0.00000	.000000	.000000	.000000
0.75000	1.46E-11	-224.648438	2.72E-14	-3.40E-29	2.75E-14	-226.842188	2.78E-14	0.00000	1.89E-11	-314.437500	3.81E-14	.000000	8.08E-28	.000000	.000000
-3.16E-29	2.52E-14	-208.165649		0.25000	1.38E-11	-224.326172	2.72E-14	-6.82E-29	3.76E-14	-310.415625		0.25000	.000000	.000000	.000000
1.00000	1.46E-11	-218.906250	2.65E-14	-3.40E-29	2.63E-14	-216.908588	2.65E-14	0.25000	1.89E-11	-306.972656	3.72E-14	0.00000	8.08E-28	.000000	.000000
-3.16E-29	2.40E-14	-198.462891		0.50000	1.38E-11	-218.871094	2.65E-14	0.50000	.000000	.000000	.000000	Program	SAP2000	Nonlinear	Version 7.42
COMB	UEO10	-----	MAX	-3.40E-29	2.51E-14	-207.213647		-6.82E-29	3.59E-14	-296.822278	3.63E-14	File:청도교상행_P9_본체.OUT			
REL DIST	P	V2	V3	-3.40E-29	2.39E-14	-197.757367	2.58E-14	-6.82E-29	3.43E-14	-283.555518		REL DIST	P	V2	V3
T	M2	M3		-3.40E-29	2.28E-14	-188.539746		0.75000	1.89E-11	-292.042969	3.54E-14	T	M2	M3	
0.00000	1.38E-11	-229.781250	2.78E-14	Program	SAP2000	Nonlinear	Version 7.42	0.50000	1.89E-11	-299.507813	3.63E-14	0.75000	.000000	.000000	.000000
-3.30E-29	2.75E-14	-226.842188	2.72E-14	File:청도교상행_P9_본체.OUT				-6.82E-29	3.28E-14	-270.615344		.000000	8.08E-28	.000000	.000000
0.25000	1.38E-11	-224.326172	2.72E-14	COMB	UEO										

[illegible]

0.00000 -263.250000 3.19E-14				0.50000 -4.73E-12 -5.569737 -268.582031 -6.445969				REL DIST T P M2 M3 V2 V3				COMB ULB15 ----- MAX			
0.00000 2.71E-14 -223.762500				1.00000 -4.73E-12 -5.569737 -268.582031 -6.318000				0.00000 -4.55E-11 -11.907773 -248.078613 -13.134375				REL DIST T P M2 M3 V2 V3			
COMB ULB01 ----- MIN				0.00000 0.00000 -263.250000 -6.318000				0.25000 0.00000 -273.632813 -12.888281				0.00000 0.00000 -273.632813 -6.567187			
REL DIST T P M2 M3 V2 V3				COMB ULB06 ----- MAX				0.50000 -4.55E-11 -11.907773 -248.078613 -12.642188				0.00000 -4.55E-12 -5.953887 -248.078613 -6.444141			
0.00000 0.00000 -284.578125 3.45E-14				REL DIST T P M2 M3 V2 V3				0.00000 -4.55E-11 -11.907773 -248.078613 -12.642188				0.00000 -4.55E-12 -5.953887 -248.078613 -6.444141			
0.00000 3.12E-14 -258.001758 3.45E-14				0.25000 0.00000 -279.246094 3.38E-14				0.00000 -4.55E-11 -11.907773 -248.078613 -12.642188				0.00000 -4.55E-12 -5.953887 -248.078613 -6.444141			
0.25000 0.00000 -279.246094 3.38E-14				0.00000 -3.78E-11 1.89E-11 -258.001758 -3.03E-10				0.00000 -4.55E-11 -11.907773 -248.078613 -12.642188				0.00000 -4.55E-12 -5.953887 -248.078613 -6.444141			
0.00000 3.02E-14 -249.192004 3.32E-14				0.25000 0.00000 -279.246094 3.38E-14				0.00000 -4.55E-11 -11.907773 -248.078613 -12.642188				0.00000 -4.55E-12 -5.953887 -248.078613 -6.444141			
0.50000 0.00000 -273.914063 3.32E-14				0.00000 -3.78E-11 2.84E-11 -249.192004 -3.03E-10				0.00000 -4.55E-11 -11.907773 -248.078613 -12.642188				0.00000 -4.55E-12 -5.953887 -248.078613 -6.444141			
0.00000 2.91E-14 -240.548877 3.32E-14				0.50000 0.00000 -268.582031 3.25E-14				0.00000 -4.55E-11 -11.907773 -248.078613 -12.642188				0.00000 -4.55E-12 -5.953887 -248.078613 -6.444141			
0.75000 0.00000 -268.582031 3.25E-14				0.00000 -3.78E-11 3.79E-11 -240.548877 -3.03E-10				0.00000 -4.55E-11 -11.907773 -248.078613 -12.642188				0.00000 -4.55E-12 -5.953887 -248.078613 -6.444141			
0.00000 2.81E-14 -232.072375 3.19E-14				0.75000 0.00000 -268.582031 -3.03E-10				0.00000 -4.55E-11 -11.907773 -248.078613 -12.642188				0.00000 -4.55E-12 -5.953887 -248.078613 -6.444141			
1.00000 0.00000 -263.250000 3.19E-14				0.00000 -3.78E-11 4.73E-11 -232.072375 -3.03E-10				0.00000 -4.55E-11 -11.907773 -248.078613 -12.642188				0.00000 -4.55E-12 -5.953887 -248.078613 -6.444141			
0.00000 2.71E-14 -223.762500				1.00000 0.00000 -263.250000 -3.03E-10				0.00000 -4.55E-11 -11.907773 -248.078613 -12.642188				0.00000 -4.55E-12 -5.953887 -248.078613 -6.444141			
Program SAP2000 Nonlinear Version 7.42				File:청도1교상행_P9_본체.OUT				Page 705				COMB ULB15 ----- MIN			
File:청도1교상행_P9_본체.OUT				COMB ULB06 ----- MIN				F R A M E E L E M E N T I N T E R N A L F O R C E S				REL DIST T P M2 M3 V2 V3			
Page 702				REL DIST T P M2 M3 V2 V3				COMB ULB11 ----- MAX				0.00000 0.00000 -273.632813 -6.567187			
F R A M E E L E M E N T I N T E R N A L F O R C E S				0.00000 0.00000 -284.578125 3.45E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
COMB ULB02 ----- MAX				0.25000 0.00000 -279.246094 3.38E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
REL DIST T P M2 M3 V2 V3				0.00000 -3.78E-11 1.89E-11 -258.001758 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 3.12E-14 -258.001758 3.45E-14				0.25000 0.00000 -279.246094 3.38E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.25000 0.00000 -279.246094 3.38E-14				0.00000 -3.78E-11 2.84E-11 -249.192004 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 3.02E-14 -249.192004 3.32E-14				0.50000 0.00000 -268.582031 3.25E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.50000 0.00000 -273.914063 3.32E-14				0.00000 -3.78E-11 3.79E-11 -240.548877 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.75000 0.00000 -268.582031 3.25E-14				REL DIST T P M2 M3 V2 V3				COMB ULB11 ----- MIN				0.00000 0.00000 -273.632813 -6.567187			
0.00000 2.81E-14 -232.072375 3.19E-14				0.00000 0.00000 -284.578125 3.45E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
1.00000 0.00000 -263.250000 3.19E-14				0.25000 0.00000 -279.246094 3.38E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 2.71E-14 -223.762500				0.00000 0.00000 -273.914063 3.32E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
COMB ULB02 ----- MIN				0.50000 0.00000 -268.582031 3.25E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
REL DIST T P M2 M3 V2 V3				0.00000 -3.78E-11 4.73E-11 -232.072375 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 3.12E-14 -258.001758 3.45E-14				0.25000 0.00000 -279.246094 3.38E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.25000 0.00000 -279.246094 3.38E-14				0.00000 -3.78E-11 2.84E-11 -249.192004 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 3.02E-14 -249.192004 3.32E-14				0.50000 0.00000 -268.582031 3.25E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.50000 0.00000 -273.914063 3.32E-14				0.00000 -3.78E-11 3.79E-11 -240.548877 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.75000 0.00000 -268.582031 3.25E-14				REL DIST T P M2 M3 V2 V3				COMB ULB12 ----- MAX				0.00000 0.00000 -273.632813 -6.567187			
0.00000 2.81E-14 -232.072375 3.19E-14				0.00000 0.00000 -284.578125 3.45E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
1.00000 0.00000 -263.250000 3.19E-14				0.25000 0.00000 -279.246094 3.38E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 2.71E-14 -223.762500				0.00000 0.00000 -273.914063 3.32E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
COMB ULB03 ----- MAX				0.50000 0.00000 -268.582031 3.25E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
REL DIST T P M2 M3 V2 V3				0.00000 -3.78E-11 4.73E-11 -232.072375 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 3.12E-14 -258.001758 3.45E-14				0.25000 0.00000 -279.246094 3.38E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.25000 0.00000 -279.246094 3.38E-14				0.00000 -3.78E-11 2.84E-11 -249.192004 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 3.02E-14 -249.192004 3.32E-14				0.50000 0.00000 -268.582031 3.25E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.50000 0.00000 -273.914063 3.32E-14				0.00000 -3.78E-11 3.79E-11 -240.548877 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.75000 0.00000 -268.582031 3.25E-14				REL DIST T P M2 M3 V2 V3				COMB ULB13 ----- MAX				0.00000 0.00000 -273.632813 -6.567187			
0.00000 2.81E-14 -232.072375 3.19E-14				0.00000 0.00000 -284.578125 3.45E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
1.00000 0.00000 -263.250000 3.19E-14				0.25000 0.00000 -279.246094 3.38E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 2.71E-14 -223.762500				0.00000 0.00000 -273.914063 3.32E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
COMB ULB04 ----- MAX				0.50000 0.00000 -268.582031 3.25E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
REL DIST T P M2 M3 V2 V3				0.00000 -3.78E-11 4.73E-11 -232.072375 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 3.12E-14 -258.001758 3.45E-14				0.25000 0.00000 -279.246094 3.38E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.25000 0.00000 -279.246094 3.38E-14				0.00000 -3.78E-11 2.84E-11 -249.192004 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 3.02E-14 -249.192004 3.32E-14				0.50000 0.00000 -268.582031 3.25E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.50000 0.00000 -273.914063 3.32E-14				0.00000 -3.78E-11 3.79E-11 -240.548877 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.75000 0.00000 -268.582031 3.25E-14				REL DIST T P M2 M3 V2 V3				COMB ULB14 ----- MIN				0.00000 0.00000 -273.632813 -6.567187			
0.00000 2.81E-14 -232.072375 3.19E-14				0.00000 0.00000 -284.578125 3.45E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
1.00000 0.00000 -263.250000 3.19E-14				0.25000 0.00000 -279.246094 3.38E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 2.71E-14 -223.762500				0.00000 0.00000 -273.914063 3.32E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
COMB ULB05 ----- MIN				0.50000 0.00000 -268.582031 3.25E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
REL DIST T P M2 M3 V2 V3				0.00000 -3.78E-11 4.73E-11 -232.072375 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 3.12E-14 -258.001758 3.45E-14				0.25000 0.00000 -279.246094 3.38E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.25000 0.00000 -279.246094 3.38E-14				0.00000 -3.78E-11 2.84E-11 -249.192004 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 3.02E-14 -249.192004 3.32E-14				0.50000 0.00000 -268.582031 3.25E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.50000 0.00000 -273.914063 3.32E-14				0.00000 -3.78E-11 3.79E-11 -240.548877 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.75000 0.00000 -268.582031 3.25E-14				REL DIST T P M2 M3 V2 V3				COMB ULB15 ----- MAX				0.00000 0.00000 -273.632813 -6.567187			
0.00000 2.81E-14 -232.072375 3.19E-14				0.00000 0.00000 -284.578125 3.45E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
1.00000 0.00000 -263.250000 3.19E-14				0.25000 0.00000 -279.246094 3.38E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 2.71E-14 -223.762500				0.00000 0.00000 -273.914063 3.32E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
COMB ULB06 ----- MIN				0.50000 0.00000 -268.582031 3.25E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
REL DIST T P M2 M3 V2 V3				0.00000 -3.78E-11 4.73E-11 -232.072375 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 3.12E-14 -258.001758 3.45E-14				0.25000 0.00000 -279.246094 3.38E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.25000 0.00000 -279.246094 3.38E-14				0.00000 -3.78E-11 2.84E-11 -249.192004 -3.03E-10				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.00000 3.02E-14 -249.192004 3.32E-14				0.50000 0.00000 -268.582031 3.25E-14				0.00000 0.00000 -273.632813 -6.567187				0.00000 0.00000 -273.632813 -6.567187			
0.50000 0.00000 -273.914063 3.32E-14				0.00000 -3.78E-11 3.79E-11 -240.548											

2.32E-14 -191.686157 0.50000 0.00000 -210.703125 0.00000 2.24E-14 -185.037598 0.75000 0.00000 -206.601563 0.00000 2.16E-14 -178.517212 1.00000 0.00000 -202.500000 0.00000 2.08E-14 -172.125000 Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT					3.78E-11 1.89E-11 -194.462891 0.25000 0.00000 -214.804688 -3.78E-11 2.84E-11 -191.686157 0.50000 0.00000 -210.703125 -3.78E-11 3.79E-11 -185.037598 0.75000 0.00000 -206.601563 -3.78E-11 4.73E-11 -178.517212 1.00000 0.00000 -202.500000 -3.78E-11 5.68E-11 -172.125000					-4.55E-11 -10.327500 -163.518750 Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT					1.00000 0.00000 -192.375000 -4.55E-11 -10.327500 -163.518750 Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT					0.75000 0.00000 -196.271484 -4.55E-12 -5.355168 -169.591351 1.00000 0.00000 -192.375000 -4.55E-12 -5.163750 -163.518750					COMB UEB15 ----- MIN REL DIST T P M2 V2 V3 0.00000 0.00000 -207.960938 -4.55E-12 -5.953887 -188.539746 0.25000 0.00000 -204.064453 -4.55E-12 -5.750585 -182.101849 0.50000 0.00000 -200.167969 -4.55E-12 -5.511228 -175.785718 0.75000 0.00000 -196.271484 -4.55E-12 -5.355516 -169.591351 1.00000 0.00000 -192.375000 -4.55E-12 -5.163750 -163.518750				
Page : AAbutPier SAP2000 6-7 데이타파일 : 교각 본체 708					COMB UEB06 ----- MIN REL DIST T P M2 V2 V3 0.00000 0.00000 -218.906250 -3.78E-11 1.89E-11 -198.462891 0.25000 0.00000 -214.804688 -3.78E-11 2.84E-11 -191.686157 0.50000 0.00000 -210.703125 -3.78E-11 3.79E-11 -185.037598 0.75000 0.00000 -206.601563 -3.78E-11 4.73E-11 -178.517212 1.00000 0.00000 -202.500000 -3.78E-11 5.68E-11 -172.125000					-4.55E-11 -10.327500 -163.518750 Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT					Page : AAbutPier SAP2000 6-7 데이타파일 : 교각 본체 711					COMB UEB11 ----- MAX REL DIST T P M2 V2 V3 0.00000 0.00000 -207.960938 -4.55E-12 -11.907773 -188.539746 0.25000 0.00000 -204.064453 -9.09E-12 -11.501169 -182.101849 0.50000 0.00000 -200.167969 -9.09E-12 -11.102256 -175.785718 0.75000 0.00000 -196.271484 -9.09E-12 -10.711033 -169.591351 1.00000 0.00000 -192.375000 -9.09E-12 -10.327500 -163.518750									
2.32E-14 -191.686157 0.50000 0.00000 -210.703125 0.00000 2.24E-14 -185.037598 0.75000 0.00000 -206.601563 0.00000 2.16E-14 -178.517212 1.00000 0.00000 -202.500000 0.00000 2.08E-14 -172.125000					3.78E-11 1.89E-11 -198.462891 0.25000 0.00000 -214.804688 -3.78E-11 2.84E-11 -191.686157 0.50000 0.00000 -210.703125 -3.78E-11 3.79E-11 -185.037598 0.75000 0.00000 -206.601563 -3.78E-11 4.73E-11 -178.517212 1.00000 0.00000 -202.500000 -3.78E-11 5.68E-11 -172.125000					-4.55E-11 -10.327500 -163.518750 Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT					Page : AAbutPier SAP2000 6-7 데이타파일 : 교각 본체 713					COMB UEB16 ----- MIN REL DIST T P M2 V2 V3 0.00000 0.00000 -218.906250 2.40E-14 -198.462891 0.25000 0.00000 -214.804688 2.32E-14 -191.686157 0.50000 0.00000 -210.703125 2.24E-14 -185.037598 0.75000 0.00000 -206.601563 2.16E-14 -178.517212 1.00000 0.00000 -202.500000 2.08E-14 -172.125000									
COMB UEB02 ----- MIN REL DIST T P M2 V2 V3 0.00000 0.00000 -218.906250 2.40E-14 -198.462891 0.25000 0.00000 -214.804688 2.32E-14 -191.686157 0.50000 0.00000 -210.703125 2.24E-14 -185.037598 0.75000 0.00000 -206.601563 2.16E-14 -178.517212 1.00000 0.00000 -202.500000 2.08E-14 -172.125000					3.78E-11 1.89E-11 -198.462891 0.25000 0.00000 -214.804688 -3.78E-11 2.84E-11 -191.686157 0.50000 0.00000 -210.703125 -3.78E-11 3.79E-11 -185.037598 0.75000 0.00000 -206.601563 -3.78E-11 4.73E-11 -178.517212 1.00000 0.00000 -202.500000 -3.78E-11 5.68E-11 -172.125000					-4.55E-11 -10.327500 -163.518750 Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT					Page : AAbutPier SAP2000 6-7 데이타파일 : 교각 본체 713					COMB UEB17 ----- MAX REL DIST T P M2 V2 V3 0.00000 0.00000 -218.906250 2.40E-14 -198.462891 0.25000 0.00000 -214.804688 2.32E-14 -191.686157 0.50000 0.00000 -210.703125 2.24E-14 -185.037598 0.75000 0.00000 -206.601563 2.16E-14 -178.517212 1.00000 0.00000 -202.500000 2.08E-14 -172.125000									
COMB UEB03 ----- MAX REL DIST T P M2 V2 V3 0.00000 0.00000 -218.906250 -9.46E-12 -12.384084 -198.462891 0.25000 0.00000 -214.804688 -9.46E-12 -11.961216 -191.686157 0.50000 0.00000 -210.703125 -9.46E-12 -11.546346 -185.037598 0.75000 0.00000 -206.601563 -9.46E-12 -11.139474 -178.517212 1.00000 0.00000 -202.500000 -9.46E-12 -10.740600 -172.125000					3.78E-11 1.89E-11 -198.462891 0.25000 0.00000 -218.906250 -3.78E-11 2.84E-11 -191.686157 0.50000 0.00000 -210.703125 -3.78E-11 3.79E-11 -185.037598 0.75000 0.00000 -206.601563 -3.78E-11 4.73E-11 -178.517212 1.00000 0.00000 -202.500000 -3.78E-11 5.68E-11 -172.125000					-4.55E-11 -10.327500 -163.518750 Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT					Page : AAbutPier SAP2000 6-7 데이타파일 : 교각 본체 710					COMB UEB12 ----- MIN REL DIST T P M2 V2 V3 0.00000 0.00000 -207.960938 -4.09E-11 -5.953887 -188.539746 0.25000 0.00000 -204.064453 -4.09E-11 -5.750585 -182.101849 0.50000 0.00000 -200.167969 -4.09E-11 -5.511228 -175.785718 0.75000 0.00000 -196.271484 -4.09E-11 -5.355168 -169.591351 1.00000 0.00000 -192.375000 -4.09E-11 -5.163750 -163.518750									
COMB UEB04 ----- MAX REL DIST T P M2 V2 V3 0.00000 0.00000 -218.906250 -4.73E-12 -6.192042 -198.462891 0.25000 0.00000 -214.804688 -4.73E-12 -5.980608 -191.686157 0.50000 0.00000 -210.703125 -4.73E-12 -5.773173 -185.037598 0.75000 0.00000 -206.601563 -4.73E-12 -5.569737 -178.517212 1.00000 0.00000 -202.500000 -4.73E-12 -5.370300 -172.125000					3.78E-11 1.89E-11 -198.462891 0.25000 0.00000 -214.804688 -3.78E-11 2.84E-11 -191.686157 0.50000 0.00000 -210.703125 -3.78E-11 3.79E-11 -185.037598 0.75000 0.00000 -206.601563 -3.78E-11 4.73E-11 -178.517212 1.00000 0.00000 -202.500000 -3.78E-11 5.68E-11 -172.125000					-4.55E-11 -10.327500 -163.518750 Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT					Page : AAbutPier SAP2000 6-7 데이타파일 : 교각 본체 709					COMB UEB13 ----- MAX REL DIST T P M2 V2 V3 0.00000 0.00000 -207.960938 -4.55E-12 -5.953887 -188.539746 0.25000 0.00000 -204.064453 -4.55E-12 -5.750585 -182.101849 0.50000 0.00000 -200.167969 -4.55E-12 -5.511228 -175.785718 0.75000 0.00000 -196.271484 -4.55E-12 -5.355516 -169.591351 1.00000 0.00000 -192.375000 -4.55E-12 -5.163750 -163.518750									
2.32E-14 -191.686157 0.50000 0.00000 -210.703125 0.00000 2.24E-14 -185.037598 0.75000 0.00000 -206.601563 0.00000 2.16E-14 -178.517212 1.00000 0.00000 -202.500000 0.00000 2.08E-14 -172.125000					3.78E-11 1.89E-11 -198.462891 0.25000 0.00000 -214.804688 -3.78E-11 2.84E-11 -191.686157 0.50000 0.00000 -210.703125 -3.78E-11 3.79E-11 -185.037598 0.75000 0.00000 -206.601563 -3.78E-11 4.73E-11 -178.517212 1.00000 0.00000 -202.500000 -3.78E-11 5.68E-11 -172.125000					-4.55E-11 -10.327500 -163.518750 Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT					Page : AAbutPier SAP2000 6-7 데이타파일 : 교각 본체 712					COMB UEB14 ----- MIN REL DIST T P M2 V2 V3 0.00000 0.00000 -207.960938 -4.55E-12 -5.953887 -188.539746 0.25000 0.00000 -204.064453 -4.55E-12 -5.750585 -182.101849 0.50000 0.00000 -200.167969 -4.55E-12 -5.511228 -175.785718 0.75000 0.00000 -196.271484 -4.55E-12 -5.355516 -169.591351 1.00000 0.00000 -192.375000 -4.55E-12 -5.163750 -163.518750									
2.32E-14 -191.686157 0.50000 0.00000 -210.703125 0.00000 2.24E-14 -185.037598 0.75000 0.00000 -206.601563 0.00000 2.16E-14 -178.517212 1.00000 0.00000 -202.500000 0.00000 2.08E-14 -172.125000					3.78E-11 1.89E-11 -198.462891 0.25000 0.00000 -214.804688 -3.78E-11 2.84E-11 -191.686157 0.50000 0.00000 -210.703125 -3.78E-11 3.79E-11 -185.037598 0.75000 0.00000 -206.601563 -3.78E-11 4.73E-11 -178.517212 1.00000 0.00000 -202.500000 -3.78E-11 5.68E-11 -172.125000					-4.55E-11 -10.327500 -163.518750 Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT					Page : AAbutPier SAP2000 6-7 데이타파일 : 교각 본체 710					COMB UEB15 ----- MAX REL DIST T P M2 V2 V3 0.00000 0.00000 -207.960938 -4.55E-12 -5.953887 -188.539746 0.25000 0.00000 -204.064453 -4.55E-12 -5.750585 -182.101849 0.50000 0.00000 -200.167969 -4.55E-12 -5.511228 -175.785718 0.75000 0.00000 -196.271484 -4.55E-12 -5.355516 -169.591351 1.00000 0.00000 -192.375000 -4.55E-12 -5.163750 -163.518750									
2.32E-14 -191.686157 0.50000 0.00000 -210.703125 0.00000 2.24E-14 -185.037598 0.75000 0.00000 -206.601563 0.00000 2.16E-14 -178.517212 1.00000 0.00000 -202.500000 0.00000 2.08E-14 -172.125000					3.78E-11 1.89E-11 -198.462891 0.25000 0.00000 -214.804688 -3.78E-11 2.84E-11 -191.686157 0.50000 0.00000 -210.703125 -3.78E-11 3.79E-11 -185.037598 0.75000 0.00000 -206.601563 -3.78E-11 4.73E-11 -178.517212 1.00000 0.00000 -202.500000 -3.78E-11 5.68E-11 -172.125000					-4.55E-11 -10.327500 -163.518750 Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT					Page : AAbutPier SAP2000 6-7 데이타파일 : 교각 본체 711					COMB UEB16 ----- MIN REL DIST T P M2 V2 V3 0.00000 0.00000 -218.906250 2.40E-14 -198.462891 0.25000 0.00000 -214.804688 2.32E-14 -191.686157 0.50000 0.00000 -210.703125 2.24E-14 -185.037598 0.75000 0.00000 -206.601563 2.16E-14 -178.517212 1.00000 0.00000 -202.500000 2.08E-14 -172.125000									
COMB UEB05 ----- MAX REL DIST T P M2 V2 V3 0.00000 0.00000 -218.906250 -4.73E-12 -6.192042 -198.462891 0.25000 0.00000 -214.804688 -4.73E-12 -5.980608 -191.686157 0.50000 0.00000 -210.703125 -4.73E-12 -5.773173 -185.037598 0.75000 0.00000 -206.601563 -4.73E-12 -5.569737 -178.517212 1.00000 0.00000 -202.500000 -4.73E-12 -5.370300 -172.125000					3.78E-11 1.89E-11 -198.462891 0.25000 0.00000 -214.804688 -3.78E-11 2.84E-11 -191.686157 0.50000 0.00000 -210.703125 -3.78E-11 3.79E-11 -185.037598 0.75000 0.00000 -206.601563 -3.78E-11 4.73E-11 -178.517212 1.00000 0.00000 -202.500000 -3.78E-11 5.68E-11 -172.125000					-4.55E-11 -10.327500 -163.518750 Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT					Page : AAbutPier SAP2000 6-7 데이타파일 : 교각 본체 709					COMB UEB17 ----- MAX REL DIST T P M2 V2 V3 0.00000 0.00000 -218.906250 2.40E-14 -198.462891 0.25000 0.00000 -214.804688 2.32E-14 -191.686157 0.50000 0.00000 -210.703125 2.24E-14 -185.037598 0.75000 0.00000 -206.601563 2.16E-14 -178.517212 1.00000 0.00000 -202.500000 2.08E-14 -172.125000									
2.32E-14 -191.686157 0.50000 0.00000 -210.703125 0.00000 2.24E-14 -185.037598 0.75000 0.00000 -206.601563 0.00000 2.16E-14 -178.517212 1.00000 0.00000 -202.500000 0.00000 2.08E-14 -172.125000					3.78E-11 1.89E-11 -198.462891 0.25000 0.00000 -214.804688 -3.78E-11 2.84E-11 -191.686157 0.50000 0.00000 -210.703125 -3.78E-11 3.79E-11 -185.037598 0.75000 0.00000 -206.601563 -3.78E-11 4.73E-11 -178.517212 1.00000 0.00000 -202.500000 -3.78E-11 5.68E-11 -172.125000					-4.55E-11 -10.327500 -163.518750 Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT					Page : AAbutPier SAP2000 6-7 데이타파일 : 교각 본체 713					COMB UEB18 ----- MAX REL DIST T P M2 V2 V3 0.00000 0.00000 -218.906250 2.40E-14 -198.462891 0.25000 0.00000 -214.804688 2.32E-14 -191.686157 0.50000 0.00000 -210.703125 2.24E-14 -185.037598 0.75000 0.00000 -206.601563 2.16E-14 -178.517212 1.00000 0.00000 -202.500000 2.08E-14 -172.125000									
COMB UEB06 ----- MAX REL DIST T P M2 V2 V3 0.00000 0.00000 -218.906250 -4.73E-12 -6.192042 -198.462891 0.25000 0.00000 -214.804688 -4.73E-12 -5.980608 -191.686157 0.50000 0.00000 -210.703125 -4.73E-12 -5.773173 -185.037598 0.75000 0.00000 -206.601563 -4.73E-12 -5.569737 -178.517212 1.00000 0.00000 -202.500000 -4.73E-12 -5.370300 -172.125000					3.78E-11 1.89E-11 -198.462891 0.25000 0.00000 -214.804688 -3.78E-11 2.84E-11 -191.686157 0.50000 0.00000 -210.703125 -3.78E-11 3.79E-11 -185.037598 0.75000 0.00000 -206.601563 -3.78E-11 4.73E-11 -178.517212 1.00000 0.00000 -202.500000 -3.78E-11 5.68E-11 -172.125000					-4.55E-11 -10.327500 -163.518750 Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT					Page : AAbutPier SAP2000 6-7 데이타파일 : 교각 본체 712					COMB UEB19 ----- MIN REL DIST T P M2 V2 V3 0.00000 0.00000 -207.960938 -4.55E-11 -11.907773 -188.539746 0.25000 0.00000 -204.064453 -4.55E-11 -11.501169 -182.101849 0.50000 0.00000 -200.167969 -4.55E-11 -11.102256 -175.785718 0.75000 0.00000 -196.271484 -4.55E-11 -10.711033 -169.591351 1.00000 0.00000 -192.375000 -4.55E-11 -10.327500 -163.518750									
2.32E-14 -191.686157 0.50000 0.00000 -210.703125 0.00000 2.24E-14 -185.037598 0.75000 0.00000 -206.601563 0.00000 2.16E-14 -178.517212 1.00000 0.00000 -202.500000 0.00000 2.08E-14 -172.125000					3.78E-11 1.89E-11 -198.462891 0.25000 0.00000 -214.804688 -3.78E-11 2.84E-11 -191.686157 0.50000 0.00000 -210.703125 -3.78E-11 3.79E-11 -185.037598 0.75000 0.00000 -206.601563 -3.78E-11 4.73E-11 -178.517212 1.00000 0.00000 -202.500000 -3.78E-11 5.68E-11 -172.125000					-4.55E-11 -10.327500 -163.518750 Program SAP2000 Nonlinear Version 7.42 File:청도1교상행_P9_본체.OUT					Page : AAbutPier SAP2000 6-7 데이타파일 : 교각 본체 710					COMB UEB20 ----- MAX REL DIST T P M2 V2 V3 0.00000 0.00000 -207.960938 -4.55E-11 -11.907773 -188.539746 0.25000 0.00000 -204.064453 -4.55E-11 -11.501169 -182.101849 0.50000 0.00000 -200.167969 -4.55E-11 -11.102256 -175.785718 0.75000 0.00000 -196.271484 -4.55E-11 -10.711033 -169.591351 1.00000 0.00000 -192.375000 -4.55E-11 -10.327500 -163.518750									
2.32E-14 -191.686157 0.50000 0.00000 -210.703125 0.00000 2.24E-14 -185.037598 0.75000 0.00000 -206.601563 0.00000 2.16E-14 -178.517212 1.00000 0.00000 -202.500																													

[illegible]

-1.58E-30	-2.02E-28	.000000		-2.02E-28	-7.70E-34	-7.89E-31	3.91E-15		0.00000	-202.500000	-4.860000	-7.89E-31	1.19E-15	-9.808594		-2.03E-29
0.25000	.000000	9.09E-13			0.75000	1.14E-13	3.55E-15	.000000	1.14E-13	-4.131000	-172.125000	1.00000	.000000	3.53E-12		
-1.58E-30	-1.11E-28	-4.09E-13		-2.02E-28	-7.70E-34	-7.89E-31	2.31E-15		0.25000	.000000	-145.546875	-7.89E-31	-6.35E-28	-2.91E-12		
0.50000	.000000	9.09E-13			1.00000	1.14E-13	3.55E-15	.000000	1.14E-13	-2.255344	-93.972656	Program	SAP2000	Nonlinear	Version	7.42
-1.58E-30	-2.02E-29	-8.19E-13			-7.70E-34	-7.89E-31	7.11E-16		0.50000	.000000	-92.812500	File:청도1교상행_P9_본체	OUT			
0.75000	.000000	9.09E-13		-2.02E-28					1.14E-13	-0.972000	-40.500000					
-1.58E-30	7.07E-29	-1.23E-12			COMB	SVB01	-----	MAX	0.75000	.000000	-44.296875					
1.00000	.000000	9.09E-13		-2.02E-28	REL DIST				1.14E-13	-0.235406	-9.808594					
-1.58E-30	1.62E-28	-1.64E-12			REL DIST				1.14E-13	.000000	3.53E-12					
					REL DIST				1.14E-13	-1.63E-12	-2.91E-12					
					REL DIST				1.14E-13	.000000	-202.500000					
					REL DIST				1.14E-13	-4.131000	-172.125000					
					REL DIST				1.14E-13	.000000	-145.546875					
					REL DIST				1.14E-13	-2.255344	-93.972656					
					REL DIST				1.14E-13	.000000	-92.812500					
					REL DIST				1.14E-13	-0.972000	-40.500000					
					REL DIST				1.14E-13	.000000	-44.296875					
					REL DIST				1.14E-13	-0.235406	-9.808594					
					REL DIST				1.14E-13	.000000	3.53E-12					
					REL DIST				1.14E-13	-1.63E-12	-2.91E-12					
					REL DIST				1.14E-13	.000000	-202.500000					
					REL DIST				1.14E-13	-4.131000	-172.125000					
					REL DIST				1.14E-13	.000000	-145.546875					
					REL DIST				1.14E-13	-2.255344	-93.972656					
					REL DIST				1.14E-13	.000000	-92.812500					
					REL DIST				1.14E-13	-0.972000	-40.500000					
					REL DIST				1.14E-13	.000000	-44.296875					
					REL DIST				1.14E-13	-0.235406	-9.808594					
					REL DIST				1.14E-13	.000000	3.53E-12					
					REL DIST				1.14E-13	-1.63E-12	-2.91E-12					
					REL DIST				1.14E-13	.000000	-202.500000					
					REL DIST				1.14E-13	-4.131000	-172.125000					
					REL DIST				1.14E-13	.000000	-145.546875					
					REL DIST				1.14E-13	-2.255344	-93.972656					
					REL DIST				1.14E-13	.000000	-92.812500					
					REL DIST				1.14E-13	-0.972000	-40.500000					
					REL DIST				1.14E-13	.000000	-44.296875					
					REL DIST				1.14E-13	-0.235406	-9.808594					
					REL DIST				1.14E-13	.000000	3.53E-12					
					REL DIST				1.14E-13	-1.63E-12	-2.91E-12					
					REL DIST				1.14E-13	.000000	-202.500000					
					REL DIST				1.14E-13	-4.131000	-172.125000					
					REL DIST				1.14E-13	.000000	-145.546875					
					REL DIST				1.14E-13	-2.255344	-93.972656					
					REL DIST				1.14E-13	.000000	-92.812500					
					REL DIST				1.14E-13	-0.972000	-40.500000					
					REL DIST				1.14E-13	.000000	-44.296875					
					REL DIST				1.14E-13	-0.235406	-9.808594					
					REL DIST				1.14E-13	.000000	3.53E-12					
					REL DIST				1.14E-13	-1.63E-12	-2.91E-12					
					REL DIST				1.14E-13	.000000	-202.500000					
					REL DIST				1.14E-13	-4.131000	-172.125000					
					REL DIST				1.14E-13	.000000	-145.546875					
					REL DIST				1.14E-13	-2.255344	-93.972656					
					REL DIST				1.14E-13	.000000	-92.812500					
					REL DIST				1.14E-13	-0.972000	-40.500000					
					REL DIST				1.14E-13	.000000	-44.296875					
					REL DIST				1.14E-13	-0.235406	-9.808594					
					REL DIST				1.14E-13	.000000	3.53E-12					
					REL DIST				1.14E-13	-1.63E-12	-2.91E-12					
					REL DIST				1.14E-13	.000000	-202.500000					
					REL DIST				1.14E-13	-4.131000	-172.125000					
					REL DIST				1.14E-13	.000000	-145.546875					
					REL DIST				1.14E-13	-2.255344	-93.972656					
					REL DIST				1.14E-13	.000000	-92.812500					
					REL DIST				1.14E-13	-0.972000	-40.500000					
					REL DIST				1.14E-13	.000000	-44.296875					
					REL DIST				1.14E-13	-0.235406	-9.808594					
					REL DIST				1.14E-13	.000000	3.53E-12					
					REL DIST				1.14E-13	-1.63E-12	-2.91E-12					
					REL DIST				1.14E-13	.000000	-202.500000					
					REL DIST				1.14E-13	-4.131000	-172.125000					
					REL DIST				1.14E-13	.000000	-145.546875					
					REL DIST				1.14E-13	-2.255344	-93.972656					
					REL DIST				1.14E-13	.000000	-92.812500					
					REL DIST				1.14E-13	-0.972000	-40.500000					
					REL DIST				1.14E-13	.000000	-44.296875					
					REL DIST				1.14E-13	-0.235406	-9.808594					
					REL DIST				1.14E-13	.000000	3.53E-12					
					REL DIST				1.14E-13	-1.63E-12	-2.91E-12					
					REL DIST				1.14E-13	.000000	-202.500000					
					REL DIST				1.14E-13	-4.131000	-172.125000					
					REL DIST				1.14E-13	.000000	-145.546875					
					REL DIST				1.14E-13	-2.255344	-93.972656					
					REL DIST				1.14E-13	.000000	-92.812500					
					REL DIST				1.14E-13	-0.972000	-40.500000					
					REL DIST				1.14E-13	.000000	-44.296875					
					REL DIST				1.14E-13	-0.235406	-9.808594					
					REL DIST				1.14E-13	.000000	3.53E-12					
					REL DIST				1.14E-13	-1.63E-12	-2.91E-12					
					REL DIST				1.14E-13	.000000	-202.500000					
					REL DIST				1.14E-13	-4.131000	-172.125000					
					REL DIST				1.14E-13	.000000	-145.546875					
					REL DIST				1.14E-13	-2.255344	-93.972656					
					REL DIST				1.14E-13	.000000	-92.812500					
					REL DIST				1.14E-13	-0.972000	-40.500000					
					REL DIST				1.14E-13	.000000	-44.296875					
					REL DIST				1.14E-13	-0.235406	-9.808594					
					REL DIST				1.14E-13	.000000	3.53E-12					
					REL DIST				1.14E-13	-1.63E-12	-2.91E-12					
					REL DIST				1.14E-13	.000000	-202.500000					
					REL DIST				1.14E-13	-4.131000	-172.125000					
					REL DIST				1.14E-13	.000000	-145.546875					
					REL DIST				1.14E-13	-2.255344	-93.972656					
					REL DIST				1.14E-13	.000000	-92.812500					
					REL DIST				1.14E-13	-0.972000	-40.500000					
					REL DIST				1.14E-13	.000000	-44.296875					
					REL DIST				1.14E-13	-0.235406	-9.808594					
					REL DIST				1.14E-13	.000000	3.53E-12					
					REL DIST				1.14E-13	-1.63E-12	-2.91E-12					
					REL DIST				1.14E-13	.000000	-202.500000					
					REL DIST				1.14E-13	-4.131000	-172.125000					
					REL DIST				1.14E-13	.000000	-145.546875					
					REL DIST				1.14E-13	-2.255344	-93.972656</					

1.93E-12 -0.972000 -40.500000
0.750000 -0.000000 -44.296875 -1.063125
1.93E-12 -0.235406 -9.808594
1.000000 -0.000000 3.53E-12
1.93E-12 1.29E-11 -2.91E-12

COMB SVB14 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -202.500000 -4.860000
1.93E-12 -4.131000 -172.125000
0.25000 0.00000 -145.546875 -3.493125
1.93E-12 -2.255344 -93.972656
0.50000 0.00000 -92.812500 -2.227500
1.93E-12 -0.972000 -40.500000
0.75000 0.00000 -44.296875 -1.063125
1.93E-12 -0.235406 -9.808594
1.00000 0.00000 3.53E-12 1.23E-12
1.93E-12 1.29E-11 -2.91E-12

COMB SVB15 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -202.500000 -4.860000
1.14E-13 -4.131000 -172.125000 -3.493125
0.25000 0.00000 -145.546875 -3.493125
1.14E-13 -2.255344 -93.972656
0.50000 0.00000 -92.812500 -2.227500
1.14E-13 -0.972000 -40.500000 -1.063125
0.75000 0.00000 -44.296875 -1.063125
1.14E-13 -0.235406 -9.808594
1.00000 0.00000 3.53E-12 1.23E-12
1.14E-13 -1.63E-12 -2.91E-12

COMB SVB15 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -202.500000 -4.860000
1.14E-13 -4.131000 -172.125000 -3.493125
0.25000 0.00000 -145.546875 -3.493125
1.14E-13 -2.255344 -93.972656
0.50000 0.00000 -92.812500 -2.227500
1.14E-13 -0.972000 -40.500000 -1.063125
0.75000 0.00000 -44.296875 -1.063125
1.14E-13 -0.235406 -9.808594
1.00000 0.00000 3.53E-12 1.23E-12
1.14E-13 -1.63E-12 -2.91E-12
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FRAME ELEMENT INTERNAL FORCES
COMB ULB01 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 3.19E-14
-4.42E-30 2.71E-14 -223.762500
0.25000 0.00000 -189.210937 2.29E-14
-4.42E-30 1.48E-14 -122.164453
0.50000 0.00000 -120.656250 1.46E-14
-4.42E-30 6.38E-15 -52.650000
0.75000 0.00000 -57.585937 6.97E-15
-4.42E-30 1.54E-15 -12.751172 -4.61E-28
-4.42E-30 -4.78E-28 -7.30E-12

COMB ULB01 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 3.19E-14
-4.42E-30 2.71E-14 -223.762500
0.25000 0.00000 -189.210937 2.29E-14
-4.42E-30 1.48E-14 -122.164453
0.50000 0.00000 -120.656250 1.46E-14
-4.42E-30 6.38E-15 -52.650000
0.75000 0.00000 -57.585937 6.97E-15
-4.42E-30 1.54E-15 -12.751172 -4.61E-28
-4.42E-30 -4.78E-28 -7.30E-12

COMB ULB02 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 3.19E-14
-1.03E-30 2.71E-14 -223.762500
0.25000 0.00000 -189.210937 2.29E-14
-1.03E-30 1.48E-14 -122.164453
0.50000 0.00000 -120.656250 1.46E-14
-1.03E-30 6.38E-15 -52.650000
0.75000 0.00000 -57.585937 6.97E-15
-1.03E-30 1.54E-15 -12.751172 -2.64E-29
-1.03E-30 -8.26E-28 -3.78E-12

COMB ULB02 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 3.19E-14
-1.03E-30 2.71E-14 -223.762500
0.25000 0.00000 -189.210937 2.29E-14
-1.03E-30 1.48E-14 -122.164453
0.50000 0.00000 -120.656250 1.46E-14
-1.03E-30 6.38E-15 -52.650000
0.75000 0.00000 -57.585937 6.97E-15
-1.03E-30 1.54E-15 -12.751172 -2.64E-29
-1.03E-30 -8.26E-28 -3.78E-12

COMB ULB03 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 -12.636000
2.96E-13 -10.740600 -223.762500 -9.082125
0.25000 0.00000 -189.210937 -5.791500
2.96E-13 -5.863894 -122.164453
0.50000 0.00000 -120.656250 -2.764125
2.96E-13 -2.527200 -52.650000
0.75000 0.00000 -57.585937 -2.764125
2.96E-13 -0.612056 -12.751172 3.21E-12
1.00000 0.00000 4.58E-12
2.96E-13 -4.24E-12 -3.78E-12

COMB ULB03 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 -12.636000
2.96E-13 -10.740600 -223.762500 -9.082125
0.25000 0.00000 -189.210937 -5.791500
2.96E-13 -5.863894 -122.164453
0.50000 0.00000 -120.656250 -2.764125
2.96E-13 -2.527200 -52.650000
0.75000 0.00000 -57.585937 -2.764125
2.96E-13 -0.612056 -12.751172 3.21E-12
2.96E-13 -4.24E-12 -3.78E-12
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FRAME ELEMENT INTERNAL FORCES
COMB ULB04 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 -6.318000
1.48E-13 -5.370300 -223.762500
0.25000 0.00000 -189.210937 -4.541062
1.48E-13 -2.931947 -122.164453
0.50000 0.00000 -120.656250 -2.895750
1.48E-13 -1.263600 -52.650000
0.75000 0.00000 -57.585937 -1.382062
1.48E-13 -0.306028 -12.751172 1.60E-12
1.00000 0.00000 5.77E-12
1.48E-13 -2.12E-12 -5.91E-12

COMB ULB04 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 -6.318000
1.48E-13 -5.370300 -223.762500
0.25000 0.00000 -189.210937 -4.541062
1.48E-13 -2.931947 -122.164453
0.50000 0.00000 -120.656250 -2.895750
1.48E-13 -1.263600 -52.650000
0.75000 0.00000 -57.585937 -1.382062
1.48E-13 -0.306028 -12.751172 1.60E-12
1.00000 0.00000 5.77E-12
1.48E-13 -2.12E-12 -5.91E-12

COMB ULB05 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 -6.318000
1.48E-13 -5.370300 -223.762500
0.25000 0.00000 -189.210937 -4.541062
1.48E-13 -2.931947 -122.164453
0.50000 0.00000 -120.656250 -2.895750
1.48E-13 -1.263600 -52.650000
0.75000 0.00000 -57.585937 -1.382062
1.48E-13 -0.306028 -12.751172 1.60E-12
1.00000 0.00000 4.58E-12
1.48E-13 -2.12E-12 -3.78E-12

COMB ULB05 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 -6.318000
1.48E-13 -5.370300 -223.762500
0.25000 0.00000 -189.210937 -4.541062
1.48E-13 -2.931947 -122.164453
0.50000 0.00000 -120.656250 -2.895750
1.48E-13 -1.263600 -52.650000
0.75000 0.00000 -57.585937 -1.382062
1.48E-13 -0.306028 -12.751172 1.60E-12
1.00000 0.00000 5.77E-12
1.48E-13 -2.12E-12 -3.78E-12

COMB ULB06 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 3.19E-14
2.36E-12 1.89E-11 -223.762500 2.29E-14
2.36E-12 1.89E-11 -122.164453 1.46E-14
2.36E-12 1.89E-11 -52.650000 6.97E-15
2.36E-12 1.89E-11 -12.751172 -2.89E-28
2.36E-12 1.89E-11 -5.91E-12

COMB ULB06 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 3.19E-14
2.36E-12 1.89E-11 -223.762500 2.29E-14
2.36E-12 1.89E-11 -122.164453 1.46E-14
2.36E-12 1.89E-11 -52.650000 6.97E-15
2.36E-12 1.89E-11 -12.751172 -2.89E-28
2.36E-12 1.89E-11 -5.91E-12
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FRAME ELEMENT INTERNAL FORCES
COMB ULB07 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 3.19E-14
-3.08E-30 2.71E-14 -223.762500 2.29E-14
0.25000 0.00000 -189.210937 1.46E-14
-3.08E-30 1.48E-14 -122.164453 1.46E-14
0.50000 0.00000 -120.656250 6.97E-15
-3.08E-30 6.38E-15 -52.650000 6.97E-15
-3.08E-30 1.54E-15 -12.751172 -2.89E-28
-3.08E-30 0.00000 5.77E-12
-3.08E-30 -6.15E-28 -5.91E-12

COMB ULB07 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 3.19E-14
-3.08E-30 2.71E-14 -223.762500 2.29E-14
0.25000 0.00000 -189.210937 1.46E-14
-3.08E-30 1.48E-14 -122.164453 1.46E-14
0.50000 0.00000 -120.656250 6.97E-15
-3.08E-30 6.38E-15 -52.650000 6.97E-15
-3.08E-30 1.54E-15 -12.751172 -2.89E-28
-3.08E-30 0.00000 5.77E-12
-3.08E-30 -6.15E-28 -5.91E-12

COMB ULB08 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 3.19E-14
2.36E-12 1.89E-11 -223.762500 2.29E-14
2.36E-12 1.89E-11 -122.164453 1.46E-14
2.36E-12 1.89E-11 -52.650000 6.97E-15
2.36E-12 1.89E-11 -12.751172 -2.64E-29
2.36E-12 1.89E-11 -5.91E-12

COMB ULB08 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 3.19E-14
2.36E-12 1.89E-11 -223.762500 2.29E-14
2.36E-12 1.89E-11 -122.164453 1.46E-14
0.50000 0.00000 -120.656250 6.97E-15
2.36E-12 1.89E-11 -52.650000 6.97E-15
2.36E-12 1.89E-11 -12.751172 -2.64E-29
2.36E-12 1.89E-11 -3.78E-12

COMB ULB09 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 3.19E-14
-1.03E-30 2.71E-14 -223.762500 2.29E-14
0.25000 0.00000 -189.210937 1.46E-14
-1.03E-30 1.48E-14 -122.164453 1.46E-14
0.50000 0.00000 -120.656250 6.97E-15
-1.03E-30 6.38E-15 -52.650000 6.97E-15
0.75000 0.00000 -57.585937 -2.64E-29
-1.03E-30 1.54E-15 -12.751172 -2.64E-29
-1.03E-30 -8.26E-28 -3.78E-12

COMB ULB09 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -263.250000 3.19E-14
-1.03E-30 2.71E-14 -223.762500 2.29E-14
0.25000 0.00000 -189.210937 1.46E-14
-1.03E-30 1.48E-14 -122.164453 1.46E-14
0.50000 0.00000 -120.656250 6.97E-15
-1.03E-30 6.38E-15 -52.650000 6.97E-15
0.75000 0.00000 -57.585937 -2.64E-29
-1.03E-30 1.54E-15 -12.751172 -2.64E-29
-1.03E-30 -8.26E-28 -3.78E-12

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FRAME ELEMENT INTERNAL FORCES
COMB ULB10 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -253.125000 -12.150000
2.56E-12 -10.327500 -215.156250 -8.732812
0.25000 0.00000 -181.933594 -5.568750
2.56E-12 -5.638359 -117.465820 -5.568750
0.50000 0.00000 -116.015625 -5.568750
2.56E-12 -2.430000 -50.625000 -2.657812
2.56E-12 -0.588516 -12.260742 3.08E-12
1.00000 0.00000 4.41E-12
2.56E-12 1.41E-11 -3.64E-12

COMB ULB10 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -253.125000 -12.150000
2.56E-12 -10.327500 -215.156250 -8.732812
0.25000 0.00000 -181.933594 -5.568750
2.56E-12 -5.638359 -117.465820 -5.568750
0.50000 0.00000 -116.015625 -5.568750
2.56E-12 -2.430000 -50.625000 -2.657812
2.56E-12 -0.588516 -12.260742 3.08E-12
1.00000 0.00000 4.41E-12
2.56E-12 1.41E-11 -3.64E-12

COMB ULB11 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -253.125000 -12.150000
2.84E-13 -10.327500 -215.156250 -8.732812
0.25000 0.00000 -181.933594 -5.568750
2.84E-13 -5.638359 -117.465820 -5.568750
0.50000 0.00000 -116.015625 -5.568750
2.84E-13 -2.430000 -50.625000 -2.657812
2.84E-13 -0.588516 -12.260742 3.08E-12
1.00000 0.00000 4.41E-12
2.84E-13 -4.07E-12 -3.64E-12

COMB ULB11 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -253.125000 -12.150000
2.84E-13 -10.327500 -215.156250 -8.732812
0.25000 0.00000 -181.933594 -5.568750
2.84E-13 -5.638359 -117.465820 -5.568750
0.50000 0.00000 -116.015625 -5.568750
2.84E-13 -2.430000 -50.625000 -2.657812
2.84E-13 -0.588516 -12.260742 3.08E-12
1.00000 0.00000 4.41E-12
2.84E-13 -4.07E-12 -3.64E-12

COMB ULB12 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -253.125000 -6.075000
2.42E-12 -5.163750 -215.156250 -4.366406
0.25000 0.00000 -181.933594 -2.784375
2.42E-12 -2.819180 -117.465820 -2.784375
0.50000 0.00000 -116.015625 -2.784375
2.42E-12 -1.215000 -50.625000 -1.328906
2.42E-12 0.75000 -55.371094 -1.328906
2.42E-12 -0.294258 -12.260742 1.54E-12
1.00000 0.00000 5.55E-12
2.42E-12 1.62E-11 -5.68E-12

COMB ULB12 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -253.125000 -6.075000
2.42E-12 -5.163750 -215.156250 -4.366406
0.25000 0.00000 -181.933594 -2.784375
2.42E-12 -2.819180 -117.465820 -2.784375
0.50000 0.00000 -116.015625 -2.784375
2.42E-12 -1.215000 -50.625000 -1.328906
2.42E-12 0.75000 -55.371094 -1.328906
2.42E-12 -0.294258 -12.260742 1.54E-12
1.00000 0.00000 5.55E-12
2.42E-12 1.62E-11 -5.68E-12

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FRAME ELEMENT INTERNAL FORCES

COMB ULB13 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -253.125000 -6.075000
1.42E-13 -5.163750 -215.156250 -4.366406
0.25000 0.00000 -181.933594 -2.784375
1.42E-13 -2.819180 -117.465820 -2.784375
0.50000 0.00000 -116.015625 -2.784375
1.42E-13 -1.215000 -50.625000 -1.328906
0.75000 0.00000 -55.371094 -1.328906
1.42E-13 -0.294258 -12.260742 1.54E-12
1.00000 0.00000 5.55E-12
1.42E-13 -2.04E-12 -5.68E-12

COMB ULB13 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -253.125000 -6.075000
1.42E-13 -5.163750 -215.156250 -4.366406
0.25000 0.00000 -181.933594 -2.784375
1.42E-13 -2.819180 -117.465820 -2.784375
0.50000 0.00000 -116.015625 -2.784375
1.42E-13 -1.215000 -50.625000 -1.328906
0.75000 0.00000 -55.371094 -1.328906
1.42E-13 -0.294258 -12.260742 1.54E-12
1.00000 0.00000 5.55E-12
1.42E-13 -2.04E-12 -5.68E-12

COMB ULB14 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -253.125000 -6.075000
2.42E-12 -5.163750 -215.156250 -4.366406
0.25000 0.00000 -181.933594 -2.784375
2.42E-12 -2.819180 -117.465820 -2.784375
0.50000 0.00000 -116.015625 -2.784375
2.42E-12 -1.215000 -50.625000 -1.328906
0.75000 0.00000 -55.371094 -1.328906
2.42E-12 -0.294258 -12.260742 1.54E-12
1.00000 0.00000 4.41E-12
2.42E-12 1.62E-11 -3.64E-12

COMB ULB14 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -253.125000 -6.075000
2.42E-12 -5.163750 -215.156250 -4.366406
0.25000 0.00000 -181.933594 -2.784375
2.42E-12 -2.819180 -117.465820 -2.784375
0.50000 0.00000 -116.015625 -2.784375
2.42E-12 -1.215000 -50.625000 -1.328906
0.75000 0.00000 -55.371094 -1.328906
2.42E-12 -0.294258 -12.260742 1.54E-12
1.00000 0.00000 4.41E-12
2.42E-12 1.62E-11 -3.64E-12

COMB ULB15 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 0.00000 -253.1

0.00000 .000000 -263.250000 3.19E-14
-3.08E-30 2.71E-14 -223.762500
0.25000 .000000 -189.210937 2.29E-14
-3.08E-30 1.46E-13 -163.518750 1.46E-14
0.50000 .000000 -120.656250 1.46E-14
-3.08E-30 6.38E-15 -52.650000 6.97E-15
0.75000 .000000 -57.585937
-3.08E-30 1.54E-15 -12.751172
1.00000 .000000 5.77E-12 -2.89E-28
-3.08E-30 -6.15E-28 -5.91E-12

COMB ULB18 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -243.000000 -11.664000
2.73E-13 -9.914400 -206.550000
0.25000 .000000 -174.656250 -8.383500
2.73E-13 -5.412825 -112.767187
0.50000 .000000 -111.375000 -5.346000
2.73E-13 -2.332800 -48.600000
0.75000 .000000 -53.156250 -2.551500
2.73E-13 -0.564975 -11.770313
1.00000 .000000 4.23E-12 2.96E-12
2.73E-13 -3.91E-12 -3.49E-12

COMB ULB18 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -243.000000 -11.664000
2.73E-13 -9.914400 -206.550000
0.25000 .000000 -174.656250 -8.383500
2.73E-13 -5.412825 -112.767187
0.50000 .000000 -111.375000 -5.346000
2.73E-13 -2.332800 -48.600000
0.75000 .000000 -53.156250 -2.551500
2.73E-13 -0.564975 -11.770313
1.00000 .000000 4.23E-12 2.96E-12
2.73E-13 -3.91E-12 -3.49E-12
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FRAME ELEMENT INTERNAL FORCES

COMB UEB01 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 2.45E-14
-4.18E-30 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-4.18E-30 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-4.18E-30 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-4.18E-30 1.19E-15 -9.808594
1.00000 .000000 5.48E-12 -4.54E-28
-4.18E-30 -2.88E-28 -6.43E-12

COMB UEB01 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 2.45E-14
-4.18E-30 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-4.18E-30 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-4.18E-30 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-4.18E-30 1.19E-15 -9.808594
1.00000 .000000 5.48E-12 -4.54E-28
-4.18E-30 -2.88E-28 -6.43E-12

COMB UEB02 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 2.45E-14
-7.89E-31 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-7.89E-31 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-7.89E-31 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-7.89E-31 1.19E-15 -9.808594
1.00000 .000000 3.53E-12 -2.03E-29
-7.89E-31 -6.35E-28 -2.91E-12

COMB UEB02 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 2.45E-14
-7.89E-31 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-7.89E-31 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-7.89E-31 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-7.89E-31 1.19E-15 -9.808594
1.00000 .000000 3.53E-12 -2.03E-29
-7.89E-31 -6.35E-28 -2.91E-12

COMB UEB03 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 -12.636000
2.96E-13 -10.740600 -172.125000
0.25000 .000000 -145.546875 -9.082125
2.96E-13 -5.863894 -93.972656
0.50000 .000000 -92.812500 -5.791500
2.96E-13 -2.527200 -40.500000
0.75000 .000000 -44.296875 -2.764125
2.96E-13 -0.612056 -9.808594
1.00000 .000000 3.53E-12 3.21E-12
2.96E-13 -4.24E-12 -2.91E-12

COMB UEB03 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 -12.636000
2.96E-13 -10.740600 -172.125000
0.25000 .000000 -145.546875 -9.082125
2.96E-13 -5.863894 -93.972656
0.50000 .000000 -92.812500 -5.791500
2.96E-13 -2.527200 -40.500000
0.75000 .000000 -44.296875 -2.764125
2.96E-13 -0.612056 -9.808594
1.00000 .000000 3.53E-12 3.21E-12
2.96E-13 -4.24E-12 -2.91E-12
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FRAME ELEMENT INTERNAL FORCES

COMB UEB04 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 -6.318000
1.48E-13 -5.370300 -172.125000
0.25000 .000000 -145.546875 -4.541062
1.48E-13 -2.931947 -93.972656
0.50000 .000000 -92.812500 -2.895750
1.48E-13 -1.263600 -40.500000
0.75000 .000000 -44.296875 -1.382062
1.48E-13 -0.306028 -9.808594
1.00000 .000000 4.71E-12 1.60E-12
1.48E-13 -2.12E-12 -5.04E-12

COMB UEB04 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 -6.318000
1.48E-13 -5.370300 -172.125000
0.25000 .000000 -145.546875 -4.541062
1.48E-13 -2.931947 -93.972656
0.50000 .000000 -92.812500 -2.895750
1.48E-13 -1.263600 -40.500000
0.75000 .000000 -44.296875 -1.382062
1.48E-13 -0.306028 -9.808594
1.00000 .000000 4.71E-12 1.60E-12
1.48E-13 -2.12E-12 -5.04E-12

COMB UEB05 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 -6.318000
1.48E-13 -5.370300 -172.125000
0.25000 .000000 -145.546875 -4.541062
1.48E-13 -2.931947 -93.972656
0.50000 .000000 -92.812500 -2.895750
1.48E-13 -1.263600 -40.500000
0.75000 .000000 -44.296875 -1.382062
1.48E-13 -0.306028 -9.808594
1.00000 .000000 3.53E-12 1.60E-12
1.48E-13 -2.12E-12 -2.91E-12

COMB UEB05 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 -6.318000
1.48E-13 -5.370300 -172.125000
0.25000 .000000 -145.546875 -4.541062
1.48E-13 -2.931947 -93.972656
0.50000 .000000 -92.812500 -2.895750
1.48E-13 -1.263600 -40.500000
0.75000 .000000 -44.296875 -1.382062
1.48E-13 -0.306028 -9.808594
1.00000 .000000 3.53E-12 1.60E-12
1.48E-13 -2.12E-12 -2.91E-12

COMB UEB06 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 2.45E-14
2.36E-12 1.89E-11 -172.125000
0.25000 .000000 -145.546875 1.76E-14
2.36E-12 1.89E-11 -93.972656
0.50000 .000000 -92.812500 1.12E-14
2.36E-12 1.89E-11 -40.500000
0.75000 .000000 -44.296875 5.36E-15
2.36E-12 1.89E-11 -9.808594
1.00000 .000000 4.71E-12 -2.83E-28
2.36E-12 1.89E-11 -5.04E-12

COMB UEB06 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 2.45E-14
2.36E-12 1.89E-11 -172.125000
0.25000 .000000 -145.546875 1.76E-14
2.36E-12 1.89E-11 -93.972656
0.50000 .000000 -92.812500 1.12E-14
2.36E-12 1.89E-11 -40.500000
0.75000 .000000 -44.296875 5.36E-15
2.36E-12 1.89E-11 -9.808594
1.00000 .000000 4.71E-12 -2.83E-28
2.36E-12 1.89E-11 -5.04E-12
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FRAME ELEMENT INTERNAL FORCES

COMB UEB07 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 2.45E-14
-2.84E-30 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-2.84E-30 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-2.84E-30 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-2.84E-30 1.19E-15 -9.808594
1.00000 .000000 4.71E-12 -2.83E-28
-2.84E-30 -4.25E-28 -5.04E-12

COMB UEB07 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 2.45E-14
-2.84E-30 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-2.84E-30 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-2.84E-30 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-2.84E-30 1.19E-15 -9.808594
1.00000 .000000 4.71E-12 -2.83E-28
-2.84E-30 -4.25E-28 -5.04E-12

COMB UEB08 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 2.45E-14
2.36E-12 1.89E-11 -172.125000
0.25000 .000000 -145.546875 1.76E-14
2.36E-12 1.89E-11 -93.972656
0.50000 .000000 -92.812500 1.12E-14
2.36E-12 1.89E-11 -40.500000
0.75000 .000000 -44.296875 5.36E-15
2.36E-12 1.89E-11 -9.808594
1.00000 .000000 3.53E-12 -2.03E-29
2.36E-12 1.89E-11 -2.91E-12

COMB UEB08 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 2.45E-14
2.36E-12 1.89E-11 -172.125000
0.25000 .000000 -145.546875 1.76E-14
2.36E-12 1.89E-11 -93.972656
0.50000 .000000 -92.812500 1.12E-14

2.36E-12 1.89E-11 -40.500000
0.75000 .000000 -44.296875 5.36E-15
2.36E-12 1.89E-11 -9.808594
1.00000 .000000 3.53E-12 -2.03E-29
2.36E-12 1.89E-11 -2.91E-12
COMB UEB09 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 2.45E-14
-7.89E-31 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-7.89E-31 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-7.89E-31 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-7.89E-31 1.19E-15 -9.808594
1.00000 .000000 3.53E-12 -2.03E-29
-7.89E-31 -6.35E-28 -2.91E-12

COMB UEB09 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -202.500000 2.45E-14
-7.89E-31 2.08E-14 -172.125000
0.25000 .000000 -145.546875 1.76E-14
-7.89E-31 1.14E-14 -93.972656
0.50000 .000000 -92.812500 1.12E-14
-7.89E-31 4.90E-15 -40.500000
0.75000 .000000 -44.296875 5.36E-15
-7.89E-31 1.19E-15 -9.808594
1.00000 .000000 3.53E-12 -2.03E-29
-7.89E-31 -6.35E-28 -2.91E-12
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB UEB10 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -192.375000 -12.150000
2.56E-12 -10.327500 -163.518750
0.25000 .000000 -138.269531 -8.732812
2.56E-12 -5.638359 -89.274023
0.50000 .000000 -88.171875 -5.568750
2.56E-12 -2.430000 -38.475000
0.75000 .000000 -42.082031 -2.657812
2.56E-12 -0.588516 -9.318164
1.00000 .000000 3.35E-12 3.08E-12
2.56E-12 1.41E-11 -2.76E-12

COMB UEB10 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -192.375000 -12.150000
2.56E-12 -10.327500 -163.518750
0.25000 .000000 -138.269531 -8.732812
2.56E-12 -5.638359 -89.274023
0.50000 .000000 -88.171875 -5.568750
2.56E-12 -2.430000 -38.475000
0.75000 .000000 -42.082031 -2.657812
2.56E-12 -0.588516 -9.318164
1.00000 .000000 3.35E-12 3.08E-12
2.56E-12 1.41E-11 -2.76E-12

COMB UEB11 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -192.375000 -12.150000
2.84E-13 -10.327500 -163.518750
0.25000 .000000 -138.269531 -8.732812
2.84E-13 -5.638359 -89.274023
0.50000 .000000 -88.171875 -5.568750
2.84E-13 -2.430000 -38.475000
0.75000 .000000 -42.082031 -2.657812
2.84E-13 -0.588516 -9.318164
1.00000 .000000 3.35E-12 3.08E-12
2.84E-13 -4.07E-12 -2.76E-12

COMB UEB11 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -192.375000 -12.150000
2.84E-13 -10.327500 -163.518750
0.25000 .000000 -138.269531 -8.732812
2.84E-13 -5.638359 -89.274023
0.50000 .000000 -88.171875 -5.568750
2.84E-13 -2.430000 -38.475000
0.75000 .000000 -42.082031 -2.657812
2.84E-13 -0.588516 -9.318164
1.00000 .000000 3.35E-12 3.08E-12
2.84E-13 -4.07E-12 -2.76E-12

COMB UEB12 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -192.375000 -6.075000
2.42E-12 -5.163750 -163.518750
0.25000 .000000 -138.269531 -4.366406
2.42E-12 -2.819180 -89.274023
0.50000 .000000 -88.171875 -2.784375
2.42E-12 -1.215000 -38.475000
0.75000 .000000 -42.082031 -1.328906
2.42E-12 -0.294258 -9.318164
1.00000 .000000 4.49E-12 1.54E-12
2.42E-12 1.62E-11 -4.81E-12

COMB UEB12 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -192.375000 -6.075000
2.42E-12 -5.163750 -163.518750
0.25000 .000000 -138.269531 -4.366406
2.42E-12 -2.819180 -89.274023
0.50000 .000000 -88.171875 -2.784375
2.42E-12 -1.215000 -38.475000
0.75000 .000000 -42.082031 -1.328906
2.42E-12 1.62E-11 -4.81E-12
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB UEB13 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -192.375000 -6.075000
1.42E-13 -5.163750 -163.518750
0.25000 .000000 -138.269531 -4.366406

1.42E-13 -2.819180 -89.274023
0.50000 .000000 -88.171875 -2.784375
1.42E-13 -1.215000 -38.475000
0.75000 .000000 -42.082031 -1.328906
1.42E-13 -0.294258 -9.318164
1.00000 .000000 4.49E-12 1.54E-12
1.42E-13 -2.04E-12 -4.81E-12

COMB UEB13 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 .000000 -192.375000 -6.075000
1.42E-13 -5.163750 -163.518750
0.25000 .000000 -138.269531 -4.366406
1.42E-13 -2.819180 -89.274023
0.50000 .000000 -88.171875 -2.784375
1.42E-13 -1.215000 -38.475000
0.75000 .000000 -42.082031 -1.328906
1.42E-13 -0.294258 -9.318164
1.00000 .000000 4.49E-12 1.54E-12
1.42E-13 -2.04E-1

COMB UEB18 ----- MAX				1.00000	.000000	5.46E-12	-4.24E-28	0.00000	.000000	-202.500000	2.45E-14	REL DIST	P	V2	V3				
REL DIST	T	M2	M3	-3.95E-30	-4.38E-28	-5.25E-12	MIN	-7.95E-31	2.08E-14	-172.125000	1.76E-14	0.00000	T	M2	M3				
0.00000	.000000	-182.250000	-11.664000	COMB SVO04 -----	MAX	0.00000	0.000000	0.25000	.000000	-145.546875	1.76E-14	0.00000	.000000	-202.500000	2.45E-14				
2.73E-13	-9.914400	-154.912500		REL DIST	T	M2	M3	0.50000	.000000	-92.812500	1.12E-14	0.25000	.000000	-145.546875	1.76E-14				
0.25000	.000000	-130.992187	-8.383500	0.00000	.000000	-202.500000	2.45E-14	-7.95E-31	4.90E-15	-40.500000	5.36E-15	-3.95E-30	1.14E-14	-93.972656	1.12E-14				
2.73E-13	-5.412825	-84.575391		-3.95E-30	2.08E-14	-172.125000	1.76E-14	0.75000	.000000	-44.296875	5.36E-15	0.50000	.000000	-92.812500	1.12E-14				
0.50000	.000000	-83.531250	-5.346000	0.25000	.000000	-145.546875	1.76E-14	-7.95E-31	1.19E-15	-9.808594	-2.03E-29	-3.95E-30	4.90E-15	-40.500000	5.36E-15				
2.73E-13	-2.332800	-36.450000		-3.95E-30	1.14E-14	-93.972656	1.12E-14	1.00000	.000000	3.53E-12		0.75000	.000000	-44.296875	5.36E-15				
0.75000	.000000	-39.867187	-2.551500	-3.95E-30	4.90E-15	-40.500000	5.36E-15	-7.95E-31	-6.35E-28	-2.91E-12		-3.95E-30	1.19E-15	-9.808594	-2.03E-29				
2.73E-13	-0.564975	-8.827734		0.75000	.000000	-44.296875	5.36E-15	0.00000	.000000	5.46E-12	-4.24E-28	1.00000	.000000	5.46E-12	-4.24E-28				
1.00000	.000000	3.17E-12	2.96E-12	-3.95E-30	1.19E-15	-9.808594	-2.22E-28	REL DIST	T	M2	M3	COMB SVO14 -----	MAX	REL DIST	T	M2	M3		
2.73E-13	-3.91E-12	-2.62E-12		-3.95E-30	-4.38E-28	-5.25E-12	MAX	0.00000	.000000	-202.500000	2.45E-14	0.00000	.000000	-202.500000	2.45E-14				
COMB UEB18 -----	MIN	REL DIST	T	M2	M3	0.25000	.000000	-7.95E-31	2.08E-14	-172.125000	1.76E-14	-1.93E-30	2.08E-14	-172.125000	1.76E-14				
REL DIST	T	M2	M3	0.50000	.000000	-92.812500	1.12E-14	-7.95E-31	1.14E-14	-93.972656	5.36E-15	0.25000	.000000	-145.546875	1.76E-14				
0.00000	.000000	-182.250000	-11.664000	0.00000	.000000	-202.500000	2.45E-14	-7.95E-31	1.19E-15	-9.808594	-2.03E-29	0.50000	.000000	-92.812500	1.12E-14				
2.73E-13	-9.914400	-154.912500		-3.95E-30	2.08E-14	-172.125000	1.76E-14	0.75000	.000000	-44.296875	5.36E-15	-1.93E-30	4.90E-15	-40.500000	5.36E-15				
0.25000	.000000	-130.992187	-8.383500	-3.95E-30	1.14E-14	-93.972656	1.12E-14	0.50000	.000000	-92.812500	1.12E-14	0.75000	.000000	-44.296875	5.36E-15				
2.73E-13	-5.412825	-84.575391		0.75000	.000000	-44.296875	5.36E-15	-7.95E-31	1.19E-15	-9.808594	-2.03E-29	-1.93E-30	4.90E-15	-40.500000	5.36E-15				
0.50000	.000000	-83.531250	-5.346000	-3.95E-30	4.90E-15	-40.500000	5.36E-15	1.00000	.000000	3.53E-12		-1.93E-30	1.19E-15	-9.808594	-2.03E-29				
2.73E-13	-2.332800	-36.450000		0.00000	.000000	-202.500000	2.45E-14	Program	SAP2000	Nonlinear	Version 7.42	1.00000	.000000	4.66E-12	-2.35E-28				
0.75000	.000000	-39.867187	-2.551500	-2.37E-30	1.14E-14	-93.972656	1.12E-14	File:청도1교상행_P9_본세.OUT				-1.93E-30	-5.77E-28	-3.59E-12					
2.73E-13	-0.564975	-8.827734		-2.37E-30	4.90E-15	-40.500000	5.36E-15					COMB SVO14 -----	MIN	REL DIST	T	M2	M3		
1.00000	.000000	3.17E-12	2.96E-12	0.00000	.000000	-202.500000	2.45E-14					0.00000	.000000	-202.500000	2.45E-14				
2.73E-13	-3.91E-12	-2.62E-12		-1.93E-30	2.08E-14	-172.125000	1.76E-14					-1.93E-30	2.08E-14	-172.125000	1.76E-14				
Program	SAP2000	Nonlinear	Version 7.42	-3.95E-30	1.14E-14	-93.972656	1.12E-14					0.25000	.000000	-145.546875	1.76E-14				
File:청도1교상행_P9_본세.OUT				0.50000	.000000	-92.812500	1.12E-14					0.50000	.000000	-92.812500	1.12E-14				
				0.75000	.000000	-44.296875	5.36E-15					-1.93E-30	4.90E-15	-40.500000	5.36E-15				
				-7.95E-31	1.19E-15	-9.808594	-2.22E-28					0.75000	.000000	-44.296875	5.36E-15				
				1.00000	.000000	4.45E-12	-2.22E-28					1.00000	.000000	4.66E-12	-2.35E-28				
				-2.37E-30	-4.73E-28	-4.55E-12	MAX					-1.93E-30	-5.77E-28	-3.59E-12					
				COMB SVO01 -----	MIN	REL DIST	T	M2	M3	0.00000	.000000	COMB SVO15 -----	MAX	REL DIST	T	M2	M3		
				REL DIST	T	M2	M3	0.00000	.000000	-202.500000	2.45E-14	0.00000	.000000	-202.500000	2.45E-14				
				0.00000	.000000	-202.500000	2.45E-14	-1.93E-30	2.08E-14	-172.125000	1.76E-14	-2.37E-30	2.08E-14	-172.125000	1.76E-14				
				2.73E-13	-9.914400	-154.912500		-2.37E-30	1.14E-14	-93.972656	1.12E-14	0.25000	.000000	-145.546875	1.76E-14				
				0.25000	.000000	-145.546875	1.76E-14	0.50000	.000000	-92.812500	1.12E-14	0.50000	.000000	-92.812500	1.12E-14				
				-2.37E-30	1.14E-14	-93.972656	1.12E-14	-7.95E-31	1.19E-15	-9.808594	-2.22E-28	-2.37E-30	4.90E-15	-40.500000	5.36E-15				
				0.75000	.000000	-44.296875	5.36E-15	-3.95E-30	4.90E-15	-40.500000	5.36E-15	0.75000	.000000	-44.296875	5.36E-15				
				-7.95E-31	1.19E-15	-9.808594	-2.22E-28	1.00000	.000000	4.45E-12	-2.22E-28	1.00000	.000000	4.66E-12	-2.35E-28				
				-2.37E-30	-4.73E-28	-4.55E-12	MAX	COMB SVO06 -----	MIN	REL DIST	T	M2	M3	0.00000	.000000	-202.500000	2.45E-14		
				REL DIST	T	M2	M3	0.00000	.000000	-202.500000	2.45E-14	-1.93E-30	2.08E-14	-172.125000	1.76E-14				
				0.00000	.000000	-202.500000	2.45E-14	-1.93E-30	2.08E-14	-172.125000	1.76E-14	0.25000	.000000	-145.546875	1.76E-14				
				2.73E-13	-9.914400	-154.912500		0.50000	.000000	-92.812500	1.12E-14	0.50000	.000000	-92.812500	1.12E-14				
				0.25000	.000000	-145.546875	1.76E-14	0.75000	.000000	-44.296875	5.36E-15	-1.93E-30	4.90E-15	-40.500000	5.36E-15				
				-2.37E-30	1.14E-14	-93.972656	1.12E-14	-7.95E-31	1.19E-15	-9.808594	-2.22E-28	0.75000	.000000	-44.296875	5.36E-15				
				0.75000	.000000	-44.296875	5.36E-15	1.00000	.000000	4.45E-12	-2.22E-28	1.00000	.000000	4.66E-12	-2.35E-28				
				-7.95E-31	1.19E-15	-9.808594	-2.22E-28	COMB SVO07 -----	MAX	REL DIST	T	M2	M3	0.00000	.000000	-202.500000	2.45E-14		
				COMB SVO02 -----	MAX	REL DIST	T	M2	M3	0.00000	.000000	-202.500000	2.45E-14	-1.93E-30	2.08E-14	-172.125000	1.76E-14		
				REL DIST	T	M2	M3	0.00000	.000000	-202.500000	2.45E-14	-1.93E-30	2.08E-14	-172.125000	1.76E-14				
				0.00000	.000000	-202.500000	2.45E-14	-1.93E-30	2.08E-14	-172.125000	1.76E-14	0.25000	.000000	-145.546875	1.76E-14				
				-7.95E-31	2.08E-14	-172.125000	1.76E-14	0.50000	.000000	-92.812500	1.12E-14	0.50000	.000000	-92.812500	1.12E-14				
				0.25000	.000000	-145.546875	1.76E-14	-7.95E-31	1.19E-15	-9.808594	-2.22E-28	-2.37E-30	4.90E-15	-40.500000	5.36E-15				
				0.50000	.000000	-92.812500	1.12E-14	-3.95E-30	4.90E-15	-40.500000	5.36E-15	0.75000	.000000	-44.296875	5.36E-15				
				-7.95E-31	1.19E-15	-9.808594	-2.22E-28	1.00000	.000000	4.45E-12	-2.22E-28	1.00000	.000000	4.66E-12	-2.35E-28				
				-2.37E-30	-4.73E-28	-4.55E-12	MAX	Program	SAP2000	Nonlinear	Version 7.42	File:청도1교상행_P9_본세.OUT							
				REL DIST	T	M2	M3	0.00000	.000000	-202.500000	2.45E-14	REL DIST	T	M2	M3	0.00000	.000000	-202.500000	2.45E-14
				0.00000	.000000	-202.500000	2.45E-14	-1.93E-30	2.08E-14	-172.125000	1.76E-14	-1.93E-30	2.08E-14	-172.125000	1.76E-14				
				2.73E-13	-9.914400	-154.912500		0.25000	.000000	-145.546875	1.76E-14	0.25000	.000000	-145.546875	1.76E-14				
				0.25000	.000000	-145.546875	1.76E-14	0.50000	.000000	-92.812500	1.12E-14	0.50000	.000000	-92.812500	1.12E-14				
				-2.37E-30	1.14E-14	-93.972656	1.12E-14	-7.95E-31	1.19E-15	-9.808594	-2.22E-28	-2.37E-30	4.90E-15	-40.500000	5.36E-15				
				0.75000	.000000	-44.296875	5.36E-15	-3.95E-30	4.90E-15	-40.500000	5.36E-15	0.75000	.000000	-44.296875	5.36E-15				
				-7.95E-31	1.19E-15	-9.808594	-2.22E-28	1.00000	.000000	4.45E-12	-2.22E-28	1.00000	.000000	4.66E-12	-2.35E-28				
				-2.37E-30	-4.73E-28	-4.55E-12	MAX	COMB SVO08 -----	MIN	REL DIST	T	M2	M3	0.00000	.000000	-202.500000	2.45E-14		
				REL DIST	T	M2	M3	0.00000	.000000	-202.500000	2.45E-14	-1.93E-30	2.08E-14	-172.125000	1.76E-14				
				0.00000	.000000	-202.500000	2.45E-14	-1.93E-30	2.08E-14	-172.125000	1.76E-14	0.25000	.000000	-145.546875	1.76E-14				
				2.73E-13	-9.914400	-154.912500		0.25000	.000000	-145.546875	1.76E-14	0.50000	.000000	-92.812500	1.12E-14				
				0.25000	.000000	-145.546875	1.76E-14	0.50000	.000000	-92.812500	1.12E-14	0.75000	.000000	-44.296875	5.36E-15				
				-2.37E-30	1.14E-14	-93.972656	1.12E-14	-7.95E-31	1.19E-15	-9.808594	-2.22E-28	-2.37E-30	4.90E-15	-40.500000	5.36E-15				
				0.75000	.000000	-44.296875	5.36E-15	1.00000	.000000	4.45E-12	-2.22E-28	1.00000	.000000	4.66E-12	-2.35E-28				
				-7.95E-31	1.19E-15	-9.808594	-2.22E-28	COMB SVO09 -----	MAX	REL DIST	T	M2	M3	0.00000	.000000	-202.500000	2.45E-14		
				COMB SVO03 -----	MIN	REL DIST	T	M2	M3	0.00000	.000000	-202.500000	2.45E-14	-1.93E-30	2.08E-14	-172.125000	1.76E-14		
				REL DIST	T	M2	M3	0.00000	.000000	-202.500000	2.45E-14	-1.93E-30	2.08E-14	-172.125000	1.76E-14				
				0.00000	.000000	-202.500000	2.45E-14	-1.93E-30	2.08E-14	-172.125000	1.76E-14	0.25000	.000000	-145.546875	1.76				

0.00000	6.38E-15	-52.650000	3.19E-14	3.08E-30	1.48E-14	-122.164453	1.46E-14	COMB	ULO12	-----	MIN	1.00000	0.00000	3.53E-12	-2.03E-29
0.75000	0.00000	-57.585937	6.97E-15	0.50000	0.00000	-120.656250	1.46E-14	REL DIST	T	P	M2	3.07E-14	0.00000	0.00000	3.53E-12
-3.08E-30	1.54E-15	-12.751172	2.29E-14	-3.08E-30	6.38E-15	-57.585937	6.97E-15	REL DIST	T	P	M2	3.07E-14	0.00000	0.00000	3.53E-12
1.00000	0.00000	6.95E-12	-5.51E-28	-3.08E-30	1.54E-15	-12.751172	-2.89E-28	REL DIST	T	P	M2	3.07E-14	0.00000	0.00000	3.53E-12
-3.08E-30	-6.68E-28	-5.68E-12		-3.08E-30	1.00000	5.77E-12		REL DIST	T	P	M2	3.07E-14	0.00000	0.00000	3.53E-12
				-3.08E-30	-6.15E-28	-5.91E-12		REL DIST	T	P	M2	3.07E-14	0.00000	0.00000	3.53E-12
COMB	ULO03	-----	MIN	COMB	ULO08	-----	MAX	COMB	ULO17	-----	MAX	COMB	ULO17	-----	MIN
REL DIST	T	P	M2	REL DIST	T	P	M2	REL DIST	T	P	M2	REL DIST	T	P	M2
0.00000	2.71E-14	-223.762500	3.19E-14	0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-263.250000	3.19E-14
-3.08E-30	2.71E-14	-223.762500	2.29E-14	0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-263.250000	3.19E-14
0.25000	0.00000	-189.210937	2.29E-14	0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-189.210937	2.29E-14
0.50000	0.00000	-120.656250	1.46E-14	0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-120.656250	1.46E-14
-3.08E-30	6.38E-15	-52.650000	6.97E-15	0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-52.650000	6.97E-15
0.75000	0.00000	-57.585937	6.97E-15	0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-57.585937	6.97E-15
-3.08E-30	1.54E-15	-12.751172	-5.51E-28	0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-12.751172	-5.51E-28
1.00000	0.00000	6.95E-12	-5.51E-28	0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	6.95E-12	-5.51E-28
-3.08E-30	-6.68E-28	-5.68E-12		0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
Program	SAP2000	Nonlinear	Version 7.42	0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
File:	청도1교상행_P9_본체	OUT		0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000	-5.68E-12	
				0.00000	9.46E-12	-263.250000	3.19E-14	0.00000	9.09E-12	-253.125000	3.07E-14	0.00000	0.00000</		

2.00000	0.00000	-172.50000	2.45E-14	REL DIST	T	P	M2	M3	V2	V3	-4.15E-30	4.66E-15	-38.475000	5.10E-15	-2.85E-30	1.14E-14	-93.972656	5.00000	0.00000	-202.50000	2.45E-14	REL DIST	T	P	M2	M3	V2	V3					
-2.85E-30	2.08E-14	-172.125000									0.75000	9.09E-12	-42.082031	5.10E-15	0.50000	2.08E-14	-172.125000	0.50000	0.00000	-92.812500	1.12E-14												
0.25000	0.00000	-145.546875	1.76E-14	0.00000	9.46E-12	-202.500000				2.45E-14	1.15E-30	1.13E-15	-9.318164		-2.85E-30	4.90E-15	-40.500000	0.75000	0.00000	-44.296875	5.36E-15	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14			
-2.85E-30	1.14E-14	-93.972656		-2.20E-31	2.08E-14	-172.125000					1.00000	9.09E-12	5.91E-12	-5.40E-28	0.75000	0.00000	-44.296875	5.36E-15	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14		
0.50000	0.00000	-92.812500	1.12E-14	0.25000	9.46E-12	-145.546875					1.00000	9.09E-12	5.91E-12	-5.40E-28	0.75000	0.00000	-44.296875	5.36E-15	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14		
-2.85E-30	4.90E-15	-40.500000		-2.20E-31	2.08E-14	-172.125000					1.00000	9.09E-12	5.91E-12	-5.40E-28	0.75000	0.00000	-44.296875	5.36E-15	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14		
0.75000	0.00000	-44.296875	5.36E-15	0.50000	9.46E-12	-92.812500				1.12E-14	1.00000	9.09E-12	5.91E-12	-5.40E-28	0.75000	0.00000	-44.296875	5.36E-15	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14		
-2.85E-30	1.19E-15	-9.808594		-2.20E-31	2.08E-14	-172.125000					1.00000	9.09E-12	5.91E-12	-5.40E-28	0.75000	0.00000	-44.296875	5.36E-15	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14		
1.00000	0.00000	5.89E-12	-5.45E-28	0.75000	9.46E-12	-44.296875				5.36E-15	1.00000	9.09E-12	5.91E-12	-5.40E-28	0.75000	0.00000	-44.296875	5.36E-15	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14		
-2.85E-30	-4.77E-28	-4.80E-12		-2.20E-31	2.08E-14	-172.125000					1.00000	9.09E-12	5.91E-12	-5.40E-28	0.75000	0.00000	-44.296875	5.36E-15	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	9.46E-12	-145.546875	1.76E-14		
Program	SAP2000	Nonlinear	Version 7.42	File:청도1교상행_P9_본체	OUT						1.00000	9.46E-12	3.68E-12	-3.67E-29																			
Page	763										2.00E-31	9.46E-12	-202.500000																				
: AButPier	SAP2000	6-7	데이라파일 : 교각 본체								REL DIST	T	P	M2	M3	V2	V3																
F R A M E E L E M E N T I N T E R N A L F O R C E S																			REL DIST	T	P	M2	M3	V2	V3								
COMB	UEO04	MAX															COMB	UEO13	MAX														
REL DIST	T	P	M2	M3	V2	V3					REL DIST	T	P	M2	M3	V2	V3																
0.00000	0.00000	-202.500000				2.45E-14	0.00000	9.46E-12	-202.500000		0.00000	0.00000	-192.375000	2.33E-14	0.00000	0.00000	-138.269531	1.67E-14	0.00000	0.00000	-92.812500	1.12E-14											
-4.90E-30	2.08E-14	-172.125000					-2.20E-31	2.08E-14	-172.125000		-4.70E-30	1.98E-14	-163.518750	2.33E-14	-4.70E-30	1.98E-14	-163.518750	2.33E-14	-4.70E-30	1.98E-14	-163.518750	2.33E-14											
0.25000	0.00000	-145.546875	1.76E-14	0.00000	9.46E-12	-202.500000	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	0.00000	-138.269531	1.67E-14	0.25000	0.00000	-138.269531	1.67E-14	0.25000	0.00000	-92.812500	1.12E-14											
-4.90E-30	1.14E-14	-93.972656					-2.20E-31	1.14E-14	-93.972656		-4.70E-30	1.08E-14	-89.274023	1.67E-14	-4.70E-30	1.08E-14	-89.274023	1.67E-14	-4.70E-30	1.08E-14	-89.274023	1.67E-14											
0.50000	0.00000	-92.812500	1.12E-14	0.25000	9.46E-12	-145.546875	0.50000	9.46E-12	-92.812500	1.12E-14	0.50000	0.00000	-88.171875	1.07E-14	0.50000	0.00000	-88.171875	1.07E-14	0.50000	0.00000	-44.296875	5.36E-15											
-2.85E-30	4.90E-15	-40.500000					-2.20E-31	4.90E-15	-40.500000		-4.70E-30	4.66E-15	-38.475000	5.10E-15	-4.70E-30	4.66E-15	-38.475000	5.10E-15	-4.70E-30	4.66E-15	-38.475000	5.10E-15											
0.75000	0.00000	-44.296875	5.36E-15	0.50000	9.46E-12	-92.812500	0.75000	9.46E-12	-44.296875	5.36E-15	0.75000	0.00000	-42.082031	5.10E-15	0.75000	0.00000	-42.082031	5.10E-15	0.75000	0.00000	-92.812500	1.12E-14											
-4.90E-30	1.19E-15	-9.808594					-2.20E-31	1.19E-15	-9.808594		-4.70E-30	1.13E-15	-9.318164	-5.24E-28	-4.70E-30	1.13E-15	-9.318164	-5.24E-28	-4.70E-30	1.13E-15	-9.318164	-5.24E-28											
-4.90E-30	-3.79E-28	-5.96E-12					-2.20E-31	1.19E-15	-9.808594		-4.70E-30	1.13E-15	-9.318164	-5.24E-28	-4.70E-30	1.13E-15	-9.318164	-5.24E-28	-4.70E-30	1.13E-15	-9.318164	-5.24E-28											
COMB	UEO04	MIN															COMB	UEO13	MIN														
REL DIST	T	P	M2	M3	V2	V3					REL DIST	T	P	M2	M3	V2	V3																
0.00000	0.00000	-202.500000				2.45E-14	0.00000	0.00000	-202.500000		0.00000	0.00000	-192.375000	2.33E-14	0.00000	0.00000	-138.269531	1.67E-14	0.00000	0.00000	-92.812500	1.12E-14											
-4.90E-30	2.08E-14	-172.125000					-7.97E-31	2.08E-14	-172.125000		-4.70E-30	1.98E-14	-163.518750	2.33E-14	-4.70E-30	1.98E-14	-163.518750	2.33E-14	-4.70E-30	1.98E-14	-163.518750	2.33E-14											
0.25000	0.00000	-145.546875	1.76E-14	0.00000	9.46E-12	-202.500000	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	0.00000	-138.269531	1.67E-14	0.25000	0.00000	-138.269531	1.67E-14	0.25000	0.00000	-92.812500	1.12E-14											
-4.90E-30	1.14E-14	-93.972656					-7.97E-31	1.14E-14	-93.972656		-4.70E-30	1.08E-14	-89.274023	1.67E-14	-4.70E-30	1.08E-14	-89.274023	1.67E-14	-4.70E-30	1.08E-14	-89.274023	1.67E-14											
0.50000	0.00000	-92.812500	1.12E-14	0.25000	9.46E-12	-145.546875	0.50000	9.46E-12	-92.812500	1.12E-14	0.50000	0.00000	-88.171875	1.07E-14	0.50000	0.00000	-88.171875	1.07E-14	0.50000	0.00000	-44.296875	5.36E-15											
-2.85E-30	4.90E-15	-40.500000					-7.97E-31	4.90E-15	-40.500000		-4.70E-30	4.66E-15	-38.475000	5.10E-15	-4.70E-30	4.66E-15	-38.475000	5.10E-15	-4.70E-30	4.66E-15	-38.475000	5.10E-15											
0.75000	0.00000	-44.296875	5.36E-15	0.50000	9.46E-12	-92.812500	0.75000	9.46E-12	-44.296875	5.36E-15	0.75000	0.00000	-42.082031	5.10E-15	0.75000	0.00000	-42.082031	5.10E-15	0.75000	0.00000	-92.812500	1.12E-14											
-4.90E-30	1.19E-15	-9.808594					-7.97E-31	1.19E-15	-9.808594		-4.70E-30	1.13E-15	-9.318164	-5.24E-28	-4.70E-30	1.13E-15	-9.318164	-5.24E-28	-4.70E-30	1.13E-15	-9.318164	-5.24E-28											
-4.90E-30	-3.79E-28	-5.96E-12					-7.97E-31	1.19E-15	-9.808594		-4.70E-30	1.13E-15	-9.318164	-5.24E-28	-4.70E-30	1.13E-15	-9.318164	-5.24E-28	-4.70E-30	1.13E-15	-9.318164	-5.24E-28											
COMB	UEO04	MIN															COMB	UEO13	MIN														
REL DIST	T	P	M2	M3	V2	V3					REL DIST	T	P	M2	M3	V2	V3																
0.00000	0.00000	-202.500000				2.45E-14	0.00000	0.00000	-202.500000		0.00000	0.00000	-192.375000	2.33E-14	0.00000	0.00000	-138.269531	1.67E-14	0.00000	0.00000	-92.812500	1.12E-14											
-4.90E-30	2.08E-14	-172.125000					-7.97E-31	2.08E-14	-172.125000		-4.70E-30	1.98E-14	-163.518750	2.33E-14	-4.70E-30	1.98E-14	-163.518750	2.33E-14	-4.70E-30	1.98E-14	-163.518750	2.33E-14											
0.25000	0.00000	-145.546875	1.76E-14	0.00000	9.46E-12	-202.500000	0.25000	9.46E-12	-145.546875	1.76E-14	0.25000	0.00000	-138.269531	1.67E-14	0.25000	0.00000	-138.269531	1.67E-14	0.25000	0.00000	-92.812500	1.12E-14											
-4.90E-30	1.14E-14	-93.972656					-7.97E-31	1.14E-14	-93.972656		-4.70E-30	1.08E-14	-89.274023	1.67E-14	-4.70E-30	1.08E-14	-89.274023	1.67E-14	-4.70E-30	1.08E-14	-89.274023	1.67E-14											
0.50000	0.00000	-92.812500	1.12E-14	0.25000	9.46E-12	-145.546875	0.50000	9.46E-12	-92.812500	1.12E-14	0.50000	0.00000	-88.171875	1.07E-14	0.50000	0.00000	-88.171875	1.07E-14	0.50000	0.00000	-44.296875	5.36E-15											
-2.85E-30	4.90E-15	-40.500000					-7.97E-31	4.90E-15	-40.500000		-4.70E-30	4.66E-15	-38.475000	5.10E-15	-4.70E-30	4.66E-15	-38.475000	5.10E-15	-4.70E-30	4.66E-15</													

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FRAME ELEMENT INTERNAL FORCES

COMB ENVOECC ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	0.00000	-202.500000	2.45E-14	
-7.97E-31	2.08E-14	-172.125000		
0.25000	0.00000	-145.546875	1.76E-14	
-7.97E-31	1.14E-14	-93.972656		
0.50000	0.00000	-92.812500	1.12E-14	
-7.97E-31	4.90E-15	-40.500000		
0.75000	0.00000	-44.296875	5.36E-15	
-7.97E-31	1.19E-15	-9.808594		
1.00000	0.00000	5.48E-12	-2.03E-29	
-7.97E-31	-2.88E-28	-2.91E-12		

COMB ENVOECC ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	0.00000	-202.500000	2.45E-14	
-4.19E-30	2.08E-14	-172.125000		
0.25000	0.00000	-145.546875	1.76E-14	
-4.19E-30	1.14E-14	-93.972656		
0.50000	0.00000	-92.812500	1.12E-14	
-4.19E-30	4.90E-15	-40.500000		
0.75000	0.00000	-44.296875	5.36E-15	
-4.19E-30	1.19E-15	-9.808594		
1.00000	0.00000	3.53E-12	-4.54E-28	
-4.19E-30	-6.35E-28	-4.43E-12		

ELEM 17 ----- LENGTH =				
11.130000				
LOAD D -----				
REL DIST	P	V2	V3	
T	M2	M3		
0.14124	-7332.486	-308.139294	4.92E-16	
-7.81E-15	1.82E-15	-1923.207		
0.35593	-7559.568	-308.139294	4.92E-16	
-7.81E-15	6.79E-16	-1186.908		
0.57062	-7786.650	-308.139294	4.92E-16	
-7.81E-15	-5.28E-16	-450.609399		
0.78531	-8013.732	-308.139294	4.92E-16	
-7.81E-15	-1.70E-15	285.689444		
1.00000	-8240.814	-308.139294	4.92E-16	
-7.81E-15	-2.88E-15	1021.988		

LOAD L1 -----				
REL DIST	P	V2	V3	
T	M2	M3		
0.14124	-2009.968	-109.624444	1.84E-16	
-2.94E-15	6.80E-16	-638.433511		
0.35593	-2009.968	-109.624444	1.84E-16	
-2.94E-15	2.41E-16	-376.485902		
0.57062	-2009.968	-109.624444	1.84E-16	
-2.94E-15	-1.97E-16	-114.538293		
0.78531	-2009.968	-109.624444	1.84E-16	
-2.94E-15	-6.36E-16	147.409316		
1.00000	-2009.968	-109.624444	1.84E-16	
-2.94E-15	-1.07E-15	409.356925		

LOAD W-L0 -----				
REL DIST	P	V2	V3	
T	M2	M3		
0.14124	-7.28E-18	-1.14E-17	39.293473	
-6.949829	-52.871413	-4.83E-17		
0.35593	-7.28E-18	-1.14E-17	47.178823	
-6.949829	-156.186920	-2.12E-17		
0.57062	-7.28E-18	-1.14E-17	55.064173	
-6.949829	-278.341740	5.99E-18		
0.78531	-7.28E-18	-1.14E-17	58.163368	
-6.949829	-415.867805	3.32E-17		
1.00000	-7.28E-18	-1.14E-17	58.163368	
-6.949829	-554.849173	6.03E-17		

LOAD G-LO2 -----				
REL DIST	P	V2	V3	
T	M2	M3		
0.14124	-1.18E-16	-4.99E-16	300.282895	
-67.299855	-818.024576	-2.71E-15		
0.35593	-1.18E-16	-4.99E-16	300.282895	
-67.299855	-1535.551	-1.52E-15		
0.57062	-1.18E-16	-4.99E-16	300.282895	
-67.299855	-2253.077	-3.23E-16		
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REL DIST	P	V2	V3	
T	M2	M3		
0.78531	-1.18E-16	-4.99E-16	300.282895	
-67.299855	-2970.603	8.71E-16		
1.00000	-1.18E-16	-4.99E-16	300.282895	
-67.299855	-3688.128	2.06E-15		

LOAD E-L0 -----				
REL DIST	P	V2	V3	
T	M2	M3		
0.14124	0.00000	0.00000	0.00000	
0.35593	0.00000	0.00000	0.00000	
0.57062	0.00000	0.00000	0.00000	
0.78531	0.00000	0.00000	0.00000	
1.00000	0.00000	0.00000	0.00000	
0.00000	0.00000	0.00000	0.00000	

LOAD W-TR -----				
REL DIST	P	V2	V3	
T	M2	M3		
0.14124	1086.926	-384.360908	3.70E-16	
-2.46E-15	1.37E-15	-1569.619		
0.35593	1086.926	-392.246258	3.70E-16	
-2.46E-15	4.87E-16	-641.767379		
0.57062	1086.926	-400.131608	3.70E-16	
-2.46E-15	2.98E-15	304.926075		
0.78531	1086.926	-403.230803	3.70E-16	
-2.46E-15	-1.28E-15	1266.991		
1.00000	1086.926	-403.230803	3.70E-16	
-2.46E-15	-2.17E-15	2230.511		

LOAD WL -----				
REL DIST	P	V2	V3	
T	M2	M3		
0.14124	145.961940	-42.600712	4.96E-17	
-3.29E-16	1.84E-16	-161.290587		

0.35593	145.961940	-42.600712	4.96E-17	
-3.29E-16	6.52E-17	-59.496186		
0.57062	145.961940	-42.600712	4.96E-17	
-3.29E-16	5.33E-17	-42.298215		
0.78531	145.961940	-42.600712	4.96E-17	
-3.29E-16	-1.72E-16	144.092616		
1.00000	145.961940	-42.600712	4.96E-17	
-3.29E-16	-2.90E-16	245.887017		

LOAD G-TR -----				
REL DIST	P	V2	V3	
T	M2	M3		
0.14124	-2.564738	67.388843	7.76E-17	
-1.27E-15	2.88E-16	266.169183		
0.35593	-2.564738	67.388843	7.76E-17	
-1.27E-15	1.02E-16	105.143542		
0.57062	-2.564738	67.388843	7.76E-17	
-1.27E-15	-8.34E-17	-55.882100		
0.78531	-2.564738	67.388843	7.76E-17	
-1.27E-15	-2.69E-16	-216.907741		
1.00000	-2.564738	67.388843	7.76E-17	
-1.27E-15	-4.54E-16	-377.933382		

LOAD E-TR -----				
REL DIST	P	V2	V3	
T	M2	M3		
0.14124	0.00000	0.00000	0.00000	
0.35593	0.00000	0.00000	0.00000	
0.57062	0.00000	0.00000	0.00000	
0.78531	0.00000	0.00000	0.00000	
1.00000	0.00000	0.00000	0.00000	
0.00000	0.00000	0.00000	0.00000	

LOAD Q1-TR -----				
REL DIST	P	V2	V3	
T	M2	M3		
0.14124	1.279124	-0.031554	4.35E-19	
-2.88E-18	1.61E-18	-3.902244		
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REL DIST	P	V2	V3	
T	M2	M3		
0.35593	1.279124	-0.031554	4.35E-19	
-2.88E-18	5.72E-19	-3.826845		
0.57062	1.279124	-0.031554	4.35E-19	
-2.88E-18	-4.67E-19	-3.751445		
0.78531	1.279124	-7.194554	4.35E-19	
-2.88E-18	-1.51E-18	2.561771		
1.00000	1.279124	-7.194554	4.35E-19	
-2.88E-18	-2.54E-18	20.157162		

LOAD COL-TR -----				
REL DIST	P	V2	V3	
T	M2	M3		
0.14124	2.991805	-0.073804	1.02E-18	
-6.73E-18	3.77E-18	-9.127149		
0.35593	2.991805	-0.073804	1.02E-18	
-6.73E-18	1.34E-18	-8.950794		
0.57062	2.991805	-0.073804	1.02E-18	
-6.73E-18	-1.09E-18	-8.774438		
0.78531	2.991805	-12.573804	1.02E-18	
-6.73E-18	-3.52E-18	9.531292		
1.00000	2.991805	-12.573804	1.02E-18	
-6.73E-18	-9.59E-18	39.576398		

COMB SVB01 ----- MAX

REL DIST	P	V2	V3	
T	M2	M3		
0.14124	-9342.454	-417.763738	6.75E-16	
-1.08E-14	2.50E-15	-2561.641		
0.35593	-9569.536	-417.763738	6.75E-16	
-1.08E-14	8.88E-16	-1563.394		
0.57062	-9796.618	-417.763738	6.75E-16	
-1.08E-14	-7.25E-16	-565.147692		
0.78531	-10023.700	-417.763738	6.75E-16	
-1.08E-14	-2.34E-15	433.098760		
1.00000	-10250.782	-417.763738	6.75E-16	
-1.08E-14	-3.95E-15	1431.345		

COMB SVB01 ----- MIN

REL DIST	P	V2	V3	
T	M2	M3		
0.14124	-9342.454	-417.763738	6.75E-16	
-1.08E-14	2.50E-15	-2561.641		
0.35593	-9569.536	-417.763738	6.75E-16	
-1.08E-14	8.88E-16	-1563.394		
0.57062	-9796.618	-417.763738	6.75E-16	
-1.08E-14	-7.25E-16	-565.147692		
0.78531	-10023.700	-417.763738	6.75E-16	
-1.08E-14	-2.34E-15	433.098760		
1.00000	-10250.782	-417.763738	6.75E-16	
-1.08E-14	-3.95E-15	1431.345		

COMB SVB02 ----- MAX

REL DIST	P	V2	V3	
T	M2	M3		
0.14124	-7332.486	-308.139294	4.92E-16	
-7.81E-15	1.82E-15	-1923.207		
0.35593	-7559.568	-308.139294	4.92E-16	
-7.81E-15	6.47E-16	-1186.908		
0.57062	-7786.650	-308.139294	4.92E-16	
-7.81E-15	-5.28E-16	-450.609399		
0.78531	-8013.732	-308.139294	4.92E-16	
-7.81E-15	-1.70E-15	285.689444		
1.00000	-8240.814	-308.139294	4.92E-16	
-7.81E-15	-2.88E-15	1021.988		

COMB SVB03 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7332.486	-308.139294	4.92E-16
-7.81E-15	1.82E-15	-1923.207	
0.35593	-7559.568	-308.139294	4.92E-16
-7.81E-15	6.47E-16	-1186.908	
0.57062	-7786.650	-308.139294	4.92E-16
-7.81E-15	-5.28E-16	-450.609399	
0.78531	-8013.732	-308.139294	4.92E-16
-7.81E-15	-1.70E-15	285.689444	
1.00000	-8240.814	-308.139294	4.92E-16
-7.81E-15	-2.88E-15	1021.988	

0.35593 -9569.536 -417.763738 323.872306
-70.774769 -1613.644 -1563.394
0.57062 -9796.618 -417.763738 327.814981
-70.774769 2392.247 -565.147692
0.78531 -10023.700 -417.763738 329.364579
-70.774769 -3178.536 433.098760
1.00000 -10250.782 -417.763738 329.364579
-70.774769 -3965.553 1431.345

COMB SVB12 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -9342.454 -417.763738 319.929631
-70.774769 -844.461648 -2561.641
0.35593 -9569.536 -417.763738 323.872306
-70.774769 -1613.644 -1563.394
0.57062 -9796.618 -417.763738 327.814981
-70.774769 -2392.247 -565.147692
0.78531 -10023.700 -417.763738 329.364579
-70.774769 -3178.536 433.098760
1.00000 -10250.782 -417.763738 329.364579
-70.774769 -3965.553 1431.345

COMB SVB13 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -9342.454 -417.763738 19.646737
-3.474914 -26.437072 -2561.641
0.35593 -9569.536 -417.763738 23.589412
-3.474914 -78.093460 -1563.394
0.57062 -9796.618 -417.763738 27.532087
-3.474914 -139.170870 -565.147692
0.78531 -10023.700 -417.763738 29.081684
-3.474914 -207.933902 433.098760
1.00000 -10250.782 -417.763738 29.081684
-3.474914 -277.424587 1431.345

COMB SVB13 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -9342.454 -417.763738 19.646737
-3.474914 -26.437072 -2561.641
0.35593 -9569.536 -417.763738 23.589412
-3.474914 -78.093460 -1563.394
0.57062 -9796.618 -417.763738 27.532087
-3.474914 -139.170870 -565.147692
0.78531 -10023.700 -417.763738 29.081684
-3.474914 -207.933902 433.098760
1.00000 -10250.782 -417.763738 29.081684
-3.474914 -277.424587 1431.345

COMB SVB14 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -7332.486 -308.139294 319.929631
-70.774769 -844.461648 -1923.207
0.35593 -7559.568 -308.139294 323.872306
-70.774769 -1613.644 -1186.908
0.57062 -7786.650 -308.139294 327.814981
-70.774769 -2392.247 -450.609399
0.78531 -8013.732 -308.139294 329.364579
-70.774769 -3178.536 285.689444
1.00000 -8240.814 -308.139294 329.364579
-70.774769 -3965.553 1021.988

COMB SVB14 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -7332.486 -308.139294 319.929631
-70.774769 -844.461648 -1923.207
0.35593 -7559.568 -308.139294 323.872306
-70.774769 -1613.644 -1186.908
0.57062 -7786.650 -308.139294 327.814981
-70.774769 -2392.247 -450.609399
0.78531 -8013.732 -308.139294 329.364579
-70.774769 -3178.536 285.689444
1.00000 -8240.814 -308.139294 329.364579
-70.774769 -3965.553 1021.988
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COMB SVB15 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -7332.486 -308.139294 19.646737
-3.474914 -26.437072 -1923.207
0.35593 -7559.568 -308.139294 23.589412
-3.474914 -78.093460 -1186.908
0.57062 -7786.650 -308.139294 27.532087
-3.474914 -139.170870 -450.609399
0.78531 -8013.732 -308.139294 29.081684
-3.474914 -207.933902 285.689444
1.00000 -8240.814 -308.139294 29.081684
-3.474914 -277.424587 1021.988

COMB SVB15 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -7332.486 -308.139294 19.646737
-3.474914 -26.437072 -1923.207
0.35593 -7559.568 -308.139294 23.589412
-3.474914 -78.093460 -1186.908
0.57062 -7786.650 -308.139294 27.532087
-3.474914 -139.170870 -450.609399
0.78531 -8013.732 -308.139294 29.081684
-3.474914 -207.933902 285.689444
1.00000 -8240.814 -308.139294 29.081684
-3.474914 -277.424587 1021.988

COMB ULB01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -13853.663 -636.273637 1.03E-15
-1.65E-14 3.83E-15 -3872.801
0.35593 -14148.869 -636.273637 1.03E-15
-1.65E-14 1.36E-15 -2352.425
0.57062 -14444.076 -636.273637 1.03E-15
-1.65E-14 -1.11E-15 -832.049548
0.78531 -14739.282 -636.273637 1.03E-15
-1.65E-14 -3.58E-15 688.326306
1.00000 -15034.489 -636.273637 1.03E-15
-1.65E-14 -6.05E-15 2208.702

COMB ULB01 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -13853.663 -636.273637 1.03E-15
-1.65E-14 3.83E-15 -3872.801
0.35593 -14148.869 -636.273637 1.03E-15
-1.65E-14 1.36E-15 -2352.425
0.57062 -14444.076 -636.273637 1.03E-15
-1.65E-14 -1.11E-15 -832.049548
0.78531 -14739.282 -636.273637 1.03E-15
-1.65E-14 -3.58E-15 688.326306
1.00000 -15034.489 -636.273637 1.03E-15

-1.65E-14 -6.05E-15 2208.702

COMB ULB02 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -9532.232 -400.581082 6.39E-16
-1.02E-14 2.37E-15 -2500.169
0.35593 -9827.438 -400.581082 6.39E-16
0.57062 -10122.645 -400.581082 6.39E-16
-1.02E-14 -6.87E-16 -585.792219
0.78531 -10417.851 -400.581082 6.39E-16
-1.02E-14 -2.21E-15 371.396277
1.00000 -10713.058 -400.581082 6.39E-16
-1.02E-14 -3.74E-15 1328.585

COMB ULB02 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -9532.232 -400.581082 6.39E-16
-1.02E-14 2.37E-15 -2500.169
0.35593 -9827.438 -400.581082 6.39E-16
-1.02E-14 8.41E-16 -1542.981
0.57062 -10122.645 -400.581082 6.39E-16
-1.02E-14 -6.87E-16 -585.792219
0.78531 -10417.851 -400.581082 6.39E-16
-1.02E-14 -2.21E-15 371.396277
1.00000 -10713.058 -400.581082 6.39E-16
-1.02E-14 -3.74E-15 1328.585
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COMB ULB03 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -9532.232 -400.581082 51.081515
-9.034777 -68.736386 -2500.169
0.35593 -9827.438 -400.581082 61.332470
-9.034777 -203.042996 -1542.981
0.57062 -10122.645 -400.581082 71.583425
-9.034777 -361.844262 -585.792219
0.78531 -10417.851 -400.581082 75.612379
-9.034777 -540.628146 371.396277
1.00000 -10713.058 -400.581082 75.612379
-9.034777 -721.303925 1328.585

COMB ULB03 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -9532.232 -400.581082 51.081515
-9.034777 -68.736386 -2500.169
0.35593 -9827.438 -400.581082 61.332470
-9.034777 -203.042996 -1542.981
0.57062 -10122.645 -400.581082 71.583425
-9.034777 -361.844262 -585.792219
0.78531 -10417.851 -400.581082 75.612379
-9.034777 -540.628146 371.396277
1.00000 -10713.058 -400.581082 75.612379
-9.034777 -721.303925 1328.585

COMB ULB04 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -12145.190 -543.092859 25.540758
-4.517389 -34.368193 -3330.133
0.35593 -12440.397 -543.092859 30.666235
-4.517389 -101.521498 -2032.412
0.57062 -12735.603 -543.092859 35.791713
-4.517389 -180.922131 -585.792219
0.78531 -13030.810 -543.092859 37.806189
-4.517389 -270.314073 563.028388
1.00000 -13326.016 -543.092859 37.806189
-4.517389 -360.651963 1860.749

COMB ULB04 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -12145.190 -543.092859 25.540758
-4.517389 -34.368193 -3330.133
0.35593 -12440.397 -543.092859 30.666235
-4.517389 -101.521498 -2032.412
0.57062 -12735.603 -543.092859 35.791713
-4.517389 -180.922131 -585.792219
0.78531 -13030.810 -543.092859 37.806189
-4.517389 -270.314073 563.028388
1.00000 -13326.016 -543.092859 37.806189
-4.517389 -360.651963 1860.749

COMB ULB05 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -9532.232 -400.581082 25.540758
-4.517389 -34.368193 -2500.169
0.35593 -9827.438 -400.581082 30.666235
-4.517389 -101.521498 -1542.981
0.57062 -10122.645 -400.581082 35.791713
-4.517389 -180.922131 -585.792219
0.78531 -10417.851 -400.581082 37.806189
-4.517389 -270.314073 371.396277
1.00000 -10713.058 -400.581082 37.806189
-4.517389 -360.651963 1328.585

COMB ULB05 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -9532.232 -400.581082 25.540758
-4.517389 -34.368193 -2500.169
0.35593 -9827.438 -400.581082 30.666235
-4.517389 -101.521498 -1542.981
0.57062 -10122.645 -400.581082 35.791713
-4.517389 -180.922131 -585.792219
0.78531 -10417.851 -400.581082 37.806189
-4.517389 -270.314073 371.396277
1.00000 -10713.058 -400.581082 37.806189
-4.517389 -360.651963 1328.585
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COMB ULB06 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -12145.190 -543.092859 390.367763
-9.87489812 -9449.460 -385.174117
0.35593 -12440.397 -543.092859 390.367763
-9.87489812 -2114.672 -1483.635
0.57062 -9733.312 -385.174117 444.183835
-9.87489812 -3164.273 -563.261749
0.78531 -10017.165 -385.174117 448.057829
-9.87489812 -4233.088 357.11805
1.00000 -10301.017 -385.174117 448.057829
-9.87489812 -5303.722 1277.485

-87.489812 -3861.783 563.028388
1.00000 -13326.016 -543.092859 390.367763
-87.489812 -4794.567 1860.749

COMB ULB06 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -12145.190 -543.092859 390.367763
-9.87489812 -1063.432 -3330.133
0.35593 -12440.397 -543.092859 390.367763
-87.489812 -1996.216 -2032.412
0.57062 -12735.603 -543.092859 390.367763
-87.489812 -2928.999 -734.691999
0.78531 -13030.810 -543.092859 390.367763
-14.89812 -3861.783 563.028388
1.00000 -13326.016 -543.092859 390.367763
-87.489812 -4794.567 1860.749

COMB ULB07 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -12145.190 -543.092859 8.78E-16
-1.40E-14 3.25E-15 -3330.133
0.35593 -12440.397 -543.092859 8.78E-16
-1.40E-14 3.25E-15 -3330.133
0.57062 -12735.603 -543.092859 8.78E-16
-1.40E-14 -9.43E-16 -734.691999
0.78531 -13030.810 -543.092859 8.78E-16
-1.40E-14 -3.04E-15 563.028388
1.00000 -13326.016 -543.092859 8.78E-16
-1.40E-14 -5.14E-15 1860.749

COMB ULB07 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -12145.190 -543.092859 8.78E-16
-1.40E-14 3.25E-15 -3330.133
0.35593 -12440.397 -543.092859 8.78E-16
-1.40E-14 1.15E-15 -2032.412
0.57062 -12735.603 -543.092859 8.78E-16
-1.40E-14 -9.43E-16 -734.691999
0.78531 -13030.810 -543.092859 8.78E-16
-1.40E-14 -3.04E-15 563.028388
1.00000 -13326.016 -543.092859 8.78E-16
-1.40E-14 -5.14E-15 1860.749

COMB ULB08 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -9532.232 -400.581082 390.367763
-87.489812 -1063.432 -2500.169
-87.489812 -9827.438 -400.581082 390.367763
-87.489812 -1063.432 -2500.169
-87.489812 -10122.645 -400.581082 390.367763
0.78531 -10417.851 -400.581082 390.367763
-87.489812 -3861.783 371.396277
1.00000 -10713.058 -400.581082 390.367763
-87.489812 -4794.567 1328.585
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COMB ULB08 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -9532.232 -400.581082 390.367763
-87.489812 -1063.432 -2500.169
-87.489812 -9827.438 -400.581082 390.367763
-87.489812 -1063.432 -2500.169
-87.489812 -10122.645 -400.581082 390.367763
0.78531 -10417.851 -400.581082 390.367763
-87.489812 -3861.783 371.396277
1.00000 -10713.058 -400.581082 390.367763
-87.489812 -4794.567 1328.585
Program SAP2000 Nonlinear Version 7.42
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COMB ULB09 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -9532.232 -400.581082 6.39E-16
-1.02E-14 2.37E-15 -2500.169
0.35593 -9827.438 -400.581082 6.39E-16
-1.02E-14 8.41E-16 -1542.981
0.57062 -10122.645 -400.581082 6.39E-16
-1.02E-14 -6.87E-16 -585.792219
0.78531 -10417.851 -400.581082 6.39E-16
-1.02E-14 -2.21E-15 371.396277
1.00000 -10713.058 -400.581082 6.39E-16
-1.02E-14 -3.74E-15 1328.585

COMB ULB09 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -9532.232 -400.581082 6.39E-16
-1.02E-14 2.37E-15 -2500.169
0.35593 -9827.438 -400.581082 6.39E-16
-1.02E-14 8.41E-16 -1542.981
0.57062 -10122.645 -400.581082 6.39E-16
-1.02E-14 -6.87E-16 -585.792219
0.78531 -10417.851 -400.581082 6.39E-16
-1.02E-14 -2.21E-15 371.396277
1.00000 -10713.058 -400.581082 6.39E-16
-1.02E-14 -3.74E-15 1328.585

COMB ULB10 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -9165.608 -385.174117 424.470460
-9.87489812 -9449.460 -385.174117 434.327147
0.35593 -9449.460 -385.174117 444.183835
-9.87489812 -2114.672 -1483.635
0.57062 -9733.312 -385.174117 448.057829
-9.87489812 -3164.273 -563.261749
0.78531 -10017.165 -385.174117 448.057829
-9.87489812 -4233.088 357.11805
1.00000 -10301.017 -385.174117 448.057829

					0.57062	-7786.650	-308.139294	4.92E-16	0.35593	-10172.526	-450.651071	390.367763	-8.687286	-693.561467	970.888872							
					7.81E-15	-5.28E-16	-450.609399		-87.489812	-1996.216	-1676.340											
					0.78531	-8013.732	-308.139294	4.92E-16	0.57062	-10399.608	-450.651071	390.367763	COMB	UEB11	-----	MIN						
					-7.81E-15	-1.70E-15	285.689444		-87.489812	-2928.999	-599.509180											
					1.00000	-8240.814	-308.139294	4.92E-16	0.78531	-10626.690	-450.651071	390.367763	REL DIST	T	P	M2	V2	V3				
					-7.81E-15	-2.88E-15	1021.988		-87.489812	-8861.783	-477.321555	390.367763	0.14124	-7332.486	-308.139294	4.92E-16	0.14124	-6965.862	-292.732329	49.116842		
					COMB	UEB02	-----	MIN	1.00000	-10853.772	-450.651071	390.367763	-8.687286	-66.092679	-1827.047							
					REL DIST	T	P	M2	V2	V3	COMB	UEB07	-----	MAX	0.35593	-7181.590	-292.732329	58.973529				
					0.14124	-7332.486	-308.139294	4.92E-16	0.14124	-7332.486	-308.139294	4.92E-16	-8.687286	-195.233650	-1127.563							
					-7.81E-15	1.82E-15	-1923.207		-7.81E-15	1.82E-15	-1923.207		0.57062	-7397.317	-292.732329	68.830217						
					0.35593	-7559.568	-308.139294	4.92E-16	-7.81E-15	1.82E-15	-1923.207		-8.687286	-347.927175	-428.078929							
					-7.81E-15	6.47E-16	-1186.908		0.35593	-10172.526	-450.651071	390.367763	0.78531	-7613.049	-292.732329	72.704210						
					0.57062	-7786.650	-308.139294	4.92E-16	-1.16E-14	2.71E-15	-2753.171		-8.687286	-519.834756	271.404971							
					-7.81E-15	-5.28E-16	-450.609399		-1.16E-14	9.60E-16	-1676.340		1.00000	-7828.773	-292.732329	72.704210						
					0.78531	-8013.732	-308.139294	4.92E-16	0.57062	-10399.608	-450.651071	390.367763	-8.687286	-693.561467	970.888872							
					-7.81E-15	-1.70E-15	285.689444		-1.16E-14	2.53E-15	477.321555		Program SAP2000 Nonlinear Version 7.42									
					1.00000	-8240.814	-308.139294	4.92E-16	0.78531	-10626.690	-450.651071	390.367763	REL DIST	T	P	M2	V2	V3				
					-7.81E-15	-2.88E-15	1021.988		-1.16E-14	9.60E-16	-1676.340		0.14124	-7332.486	-308.139294	4.92E-16	0.14124	-6965.862	-292.732329	49.116842		
					Program	SAP2000	Nonlinear	Version 7.42	-1.16E-14	2.53E-15	477.321555		-8.687286	-195.233650	-1127.563							
					File:	청도교상행_P9_본체	OUT		1.00000	-10853.772	-450.651071	390.367763	0.57062	-7397.317	-292.732329	68.830217						
									-8.687286	-4.27E-15	1554.152		-8.687286	-347.927175	-428.078929							
									COMB	UEB07	-----	MIN	0.78531	-7613.049	-292.732329	72.704210						
					REL DIST	T	P	M2	V2	V3	REL DIST	T	P	M2	V2	V3						
					0.14124	-7332.486	-308.139294	4.92E-16	0.14124	-7332.486	-308.139294	4.92E-16	0.14124	-7332.486	-308.139294	4.92E-16	0.14124	-7332.486	-308.139294	4.92E-16		
					-7.81E-15	1.82E-15	-1923.207		-7.81E-15	1.82E-15	-1923.207		-7.81E-15	1.82E-15	-1923.207		-7.81E-15	1.82E-15	-1923.207			
					0.35593	-7559.568	-308.139294	4.92E-16	0.35593	-7559.568	-308.139294	4.92E-16	0.35593	-7559.568	-308.139294	4.92E-16	0.35593	-7559.568	-308.139294	4.9		

[illegible]

0.35593 -14147.206 -636.314657 1.03E-15
-1.65E-14 1.36E-15 -2357.400
0.57062 -14442.413 -636.314657 1.03E-15
-1.65E-14 1.11E-15 836.926427
0.78531 -14737.619 -645.626557 1.03E-15
-1.65E-14 -3.58E-15 692.181813
1.00000 -15032.826 -645.626557
-1.65E-14 -6.05E-15 2234.906

COMB ULO01 ----- MIN V3

REL DIST T P M2 V2 M3 V3
0.14124 -13852.000 -636.314657 1.03E-15
-1.65E-14 8.83E-15 -3877.874
0.35593 -14147.206 -636.314657 1.03E-15
-1.65E-14 1.36E-15 -2357.400
0.57062 -14442.413 -636.314657 1.03E-15
-1.65E-14 1.11E-15 836.926427
0.78531 -14737.619 -645.626557 1.03E-15
-1.65E-14 -3.58E-15 692.181813
1.00000 -15032.826 -645.626557 1.03E-15
-1.65E-14 -6.05E-15 2234.906

COMB ULO02 ----- MAX V3

REL DIST T P M2 V2 M3 V3
0.14124 -9530.569 -400.622103 6.40E-16
-1.02E-14 2.37E-15 -2505.242
0.35593 -9825.776 -400.622103 6.40E-16
-1.02E-14 8.41E-16 -1547.956
0.57062 -10120.982 -400.622103 6.40E-16
-1.02E-14 -6.87E-16 -590.669097
0.78531 -10416.189 -409.934003 6.40E-16
-1.02E-14 -2.22E-15 375.251784
1.00000 -10711.395 -409.934003 6.40E-16
-1.02E-14 -3.74E-15 1354.789

COMB ULO02 ----- MIN V3

REL DIST T P M2 V2 M3 V3
0.14124 -9530.569 -400.622103 6.40E-16
-1.02E-14 2.37E-15 -2505.242
0.35593 -9825.776 -400.622103 6.40E-16
-1.02E-14 8.41E-16 -1547.956
0.57062 -10120.982 -400.622103 6.40E-16
-1.02E-14 -6.87E-16 -590.669097
0.78531 -10416.189 -409.934003 6.40E-16
-1.02E-14 -2.22E-15 375.251784
1.00000 -10711.395 -409.934003 6.40E-16
-1.02E-14 -3.74E-15 1354.789

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FRAME ELEMENT INTERNAL FORCES

COMB ULO03 ----- MAX V3

REL DIST T P M2 V2 M3 V3
0.14124 -8117.565 -900.291283 1.12E-15
-1.34E-14 4.15E-15 -4545.747
0.35593 -8412.772 -910.542238 1.12E-15
-1.34E-14 1.47E-15 -2382.253
0.57062 -8707.978 -920.793193 1.12E-15
-1.34E-14 -1.20E-15 -194.265199
0.78531 -9003.185 -934.134046 1.12E-15
-1.34E-14 -3.88E-15 2022.340
1.00000 -9298.391 -934.134046 1.12E-15
-1.34E-14 -6.56E-15 4254.453

COMB ULO03 ----- MIN V3

REL DIST T P M2 V2 M3 V3
0.14124 -8117.565 -900.291283 1.12E-15
-1.34E-14 4.15E-15 -4545.747
0.35593 -8412.772 -910.542238 1.12E-15
-1.34E-14 1.47E-15 -2382.253
0.57062 -8707.978 -920.793193 1.12E-15
-1.34E-14 -1.20E-15 -194.265199
0.78531 -9003.185 -934.134046 1.12E-15
-1.34E-14 -3.88E-15 2022.340
1.00000 -9298.391 -934.134046 1.12E-15
-1.34E-14 -6.56E-15 4254.453

COMB ULO04 ----- MAX V3

REL DIST T P M2 V2 M3 V3
0.14124 -11247.275 -848.349395 1.18E-15
-1.60E-14 1.36E-15 -2531.881
0.35593 -11542.481 -853.474873 1.18E-15
-1.60E-14 1.56E-15 -2531.881
0.57062 -11837.688 -858.600350 1.18E-15
-1.60E-14 -1.27E-15 -486.379249
0.78531 -12132.894 -869.926727 1.18E-15
-1.60E-14 -6.93E-15 3656.438

COMB ULO04 ----- MIN V3

REL DIST T P M2 V2 M3 V3
0.14124 -11247.275 -848.349395 1.18E-15
-1.60E-14 1.36E-15 -2531.881
0.35593 -11542.481 -853.474873 1.18E-15
-1.60E-14 1.56E-15 -2531.881
0.57062 -11837.688 -858.600350 1.18E-15
-1.60E-14 -1.27E-15 -486.379249
0.78531 -12132.894 -869.926727 1.18E-15
-1.60E-14 -6.93E-15 3656.438

COMB ULO05 ----- MAX V3

REL DIST T P M2 V2 M3 V3
0.14124 -8634.317 -705.837618 9.45E-16
-1.22E-14 3.50E-15 3735.172
0.35593 -8929.523 -710.963096 9.45E-16
-1.22E-14 1.24E-15 -2042.449
0.57062 -9224.730 -716.088573 9.45E-16
-1.22E-14 -1.02E-15 -337.479469
0.78531 -9519.936 -727.414950 9.45E-16
-1.22E-14 -3.27E-15 1386.116
1.00000 -9815.143 -727.414950 9.45E-16
-1.22E-14 -5.53E-15 3124.274

COMB ULO05 ----- MIN V3

REL DIST T P M2 V2 M3 V3
0.14124 -8634.317 -705.837618 9.45E-16
-1.22E-14 3.50E-15 3735.172
0.35593 -8929.523 -710.963096 9.45E-16
-1.22E-14 1.24E-15 -2042.449
0.57062 -9224.730 -716.088573 9.45E-16
-1.22E-14 -1.02E-15 -337.479469
0.78531 -9519.936 -727.414950 9.45E-16
-1.22E-14 -3.27E-15 1386.116
1.00000 -9815.143 -727.414950 9.45E-16

-1.22E-14 -5.53E-15 3124.274
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COMB ULO06 ----- MAX V3

REL DIST T P M2 V2 M3 V3
0.14124 -12146.861 -455.528384 9.79E-16
-1.56E-14 3.63E-15 -2989.186
0.35593 -12442.068 -455.528384 9.79E-16
-1.56E-14 1.29E-15 -1900.701
0.57062 -12737.274 -455.528384 9.79E-16
-1.56E-14 -1.05E-15 -812.215608
0.78531 -13032.481 -464.840284 9.79E-16
-1.56E-14 -3.39E-15 284.903831
1.00000 -13327.687 -464.840284 9.79E-16
-1.56E-14 -5.73E-15 1395.640

COMB ULO06 ----- MIN V3

REL DIST T P M2 V2 M3 V3
0.14124 -12146.861 -455.528384 9.79E-16
-1.56E-14 3.63E-15 -2989.186
0.35593 -12442.068 -455.528384 9.79E-16
-1.56E-14 1.29E-15 -1900.701
0.57062 -12737.274 -455.528384 9.79E-16
-1.56E-14 -1.05E-15 -812.215608
0.78531 -13032.481 -464.840284 9.79E-16
-1.56E-14 -3.39E-15 284.903831
1.00000 -13327.687 -464.840284 9.79E-16
-1.56E-14 -5.73E-15 1395.640

COMB ULO07 ----- MAX V3

REL DIST T P M2 V2 M3 V3
0.14124 -12143.527 -543.133880 8.78E-16
-1.40E-14 3.25E-15 -3335.206
0.35593 -12438.734 -543.133880 8.78E-16
-1.40E-14 1.16E-15 -2037.387
0.57062 -12733.940 -543.133880 8.78E-16
-1.40E-14 -9.43E-16 -739.568878
0.78531 -13029.147 -552.445780 8.78E-16
-1.40E-14 -3.04E-15 566.883894
1.00000 -13324.353 -552.445780 8.78E-16
-1.40E-14 -5.14E-15 1886.953

COMB ULO07 ----- MIN V3

REL DIST T P M2 V2 M3 V3
0.14124 -12143.527 -543.133880 8.78E-16
-1.40E-14 3.25E-15 -3335.206
0.35593 -12438.734 -543.133880 8.78E-16
-1.40E-14 1.16E-15 -2037.387
0.57062 -12733.940 -543.133880 8.78E-16
-1.40E-14 -9.43E-16 -739.568878
0.78531 -13029.147 -552.445780 8.78E-16
-1.40E-14 -3.04E-15 566.883894
1.00000 -13324.353 -552.445780 8.78E-16
-1.40E-14 -5.14E-15 1886.953

COMB ULO08 ----- MAX V3

REL DIST T P M2 V2 M3 V3
0.14124 -9533.903 -313.016606 7.41E-16
-1.18E-14 2.74E-15 -2159.222
0.35593 -9829.110 -313.016606 7.41E-16
-1.18E-14 9.74E-16 -1411.269
0.57062 -10124.316 -313.016606 7.41E-16
-1.18E-14 -7.96E-16 -663.315827
0.78531 -10419.523 -322.328506 7.41E-16
-1.18E-14 -2.57E-15 93.271720
1.00000 -10714.729 -322.328506 7.41E-16
-1.18E-14 -4.33E-15 863.475686

COMB ULO08 ----- MIN V3

REL DIST T P M2 V2 M3 V3
0.14124 -9533.903 -313.016606 7.41E-16
-1.18E-14 2.74E-15 -2159.222
0.35593 -9829.110 -313.016606 7.41E-16
-1.18E-14 9.74E-16 -1411.269
0.57062 -10124.316 -313.016606 7.41E-16
-1.18E-14 -7.96E-16 -663.315827
0.78531 -10419.523 -322.328506 7.41E-16
-1.18E-14 -2.57E-15 93.271720
1.00000 -10714.729 -322.328506 7.41E-16
-1.18E-14 -4.33E-15 863.475686

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COMB ULO09 ----- MAX V3

REL DIST T P M2 V2 M3 V3
0.14124 -9530.569 -400.622103 6.40E-16
-1.02E-14 2.37E-15 -2505.242
0.35593 -9825.776 -400.622103 6.40E-16
-1.02E-14 8.41E-16 -1547.956
0.57062 -10120.982 -400.622103 6.40E-16
-1.02E-14 -6.87E-16 -590.669097
0.78531 -10416.189 -409.934003 6.40E-16
-1.02E-14 -2.22E-15 375.251784
1.00000 -10711.395 -409.934003 6.40E-16
-1.02E-14 -3.74E-15 1354.789

COMB ULO09 ----- MIN V3

REL DIST T P M2 V2 M3 V3
0.14124 -9530.569 -400.622103 6.40E-16
-1.02E-14 2.37E-15 -2505.242
0.35593 -9825.776 -400.622103 6.40E-16
-1.02E-14 8.41E-16 -1547.956
0.57062 -10120.982 -400.622103 6.40E-16
-1.02E-14 -6.87E-16 -590.669097
0.78531 -10416.189 -409.934003 6.40E-16
-1.02E-14 -2.22E-15 375.251784
1.00000 -10711.395 -409.934003 6.40E-16
-1.02E-14 -3.74E-15 1354.789

COMB ULO10 ----- MAX V3

REL DIST T P M2 V2 M3 V3
0.14124 -7808.557 -781.428641 1.18E-15
-1.33E-14 3.73E-15 -3258.800
0.35593 -8589.286 -599.382307 1.18E-15
-1.33E-14 1.32E-15 -1832.464
0.57062 -8873.138 -604.310651 1.18E-15
-1.33E-14 -1.08E-15 -394.352114
0.78531 -9156.991 -615.201398 1.18E-15
-1.33E-14 -3.48E-15 1061.669
1.00000 -9440.843 -615.201398 1.18E-15
-1.33E-14 -5.89E-15 2531.693

-1.44E-14 -4.07E-15 1673.423
1.00000 -8943.967 -813.969759 1.18E-15
-1.44E-14 -6.88E-15 3618.404

COMB ULO10 ----- MIN V3

REL DIST T P M2 V2 M3 V3
0.14124 -7808.557 -781.428641 1.18E-15
-1.44E-14 4.35E-15 -4038.199
0.35593 -8092.409 -791.285328 1.18E-15
-1.44E-14 1.55E-15 -2159.199
0.57062 -8376.262 -801.142016 1.18E-15
-1.44E-14 -1.26E-15 -256.646086 1.18E-15
0.78531 -8660.114 -813.969759 1.18E-15
-1.44E-14 -4.07E-15 1673.423
1.00000 -8943.967 -813.969759 1.18E-15
-1.44E-14 -6.88E-15 3618.404

COMB ULO11 ----- MAX V3

REL DIST T P M2 V2 M3 V3
0.14124 -7805.351 -865.664695 1.08E-15
-1.28E-14 3.99E-15 -4370.910
0.35593 -8089.204 -875.521382 1.08E-15
-1.28E-14 1.42E-15 -2290.628
0.57062 -8373.056 -885.378070 1.08E-15
-1.28E-14 -1.16E-15 -186.793461 1.08E-15
0.78531 -8656.908 -898.205814 1.08E-15
-1.28E-14 -3.73E-15 1944.557
1.00000 -8940.761 -898.205814 1.08E-15
-1.28E-14 -6.31E-15 4090.820

COMB ULO11 ----- MIN V3

REL DIST T P M2 V2 M3 V3
0.14124 -7805.351 -865.664695 1.08E-15
-1.28E-14 3.99E-15 -4370.910
0.35593 -8089.204 -875.521382 1.08E-15
-1.28E-14 1.42E-15 -2290.628
0.57062 -8373.056 -885.378070 1.08E-15
-1.28E-14 -1.16E-15 -186.793461 1.08E-15
0.78531 -8656.908 -898.205814 1.08E-15
-1.28E-14 -3.73E-15 1944.557
1.00000 -8940.761 -898.205814 1.08E-15
-1.28E-14 -6.31E-15 4090.820

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COMB ULO12 ----- MAX V3

REL DIST T P M2 V2 M3 V3
0.14124 -10817.893 -731.484518 1.24E-15
-1.70E-14 4.58E-15 -4056.842
0.35593 -11101.746 -736.412862 1.24E-15
-1.70E-14 1.62E-15 -2303.072
0.57062 -11385.598 -741.341206 1.24E-15
-1.70E-14 -1.33E-15 -537.524980
0.78531 -11669.450 -752.231953 1.24E-15
-1.70E-14 -4.28E-15 1245.931
1.00000 -11953.303 -752.231953 1.24E-15
-1.70E-14 -7.23E-15 3043.389

COMB ULO12 ----- MIN V3

REL DIST T P M2 V2 M3 V3
0.14124 -10817.893 -731.484518 1.24E-15
-1.70E-14 4.58E-15 -4056.842
0.35593 -11101.746 -736.412862 1.24E-15
-1.70E-14 1.62E-15 -2303.072
0.57062 -11385.598 -741.341206 1.24E-15
-1.70E-14 -1.33E-15 -537.524980
0.78531 -11669.450 -752.231953 1.24E-15
-1.70E-14 -4.28E-15 1245.931
1.00000 -11953.303 -752.231953 1.24E-15
-1.70E-14 -7.23E-15 3043.389

COMB ULO13 ----- MAX V3

REL DIST T P M2 V2 M3 V3
0.14124 -10814.687 -815.720572 1.14E-15
-1.54E-14 4.22E-15 -4389.554
0.35593 -11098.540 -820.648916 1.14E-15
-1.54E-14 1.50E-15 -2434.501
0.57062 -11382.392 -825.577260 1.14E-15
-1.54E-14 -1.22E-15 -467.672355
0.78531 -11666.245 -836.468007 1.14E-15
-1.54E-14 -3.94E-15 1517.066
1.00000 -11950.097 -836.468007 1.14E-15
-1.54E-14 -6.66E-15 3515.806

COMB ULO13 ----- MIN V3

REL DIST T P M2 V2 M3 V3
0.14124 -10814.687 -815.720572 1.14E-15
-1.54E-14 4.22E-15 -4389.554
0.35593 -11098.540 -820.648916 1.14E-15
-1.54E-14 1.50E-15 -2434.501
0.57062 -11382.392 -825.577260 1.14E-15
-1.54E-14 -1.22E-15 -467.672355
0.78531 -11666.245 -836.468007 1.14E-15
-1.54E-14 -3.94E-15 1517.066
1.00000 -11950.097 -836.468007 1.14E-15
-1.54E-14 -6.66E-15 3515.806

COMB ULO14 ----- MAX V3

REL DIST T P M2 V2 M3 V3
0.14124 -8305.433 -594.453963 1.01E-15
-1.33E-14 3.73E-15 -3258.800
0.35593 -8589.286 -599.382307 1.01E-15
-1.33E-14 1.32E-15 -1832.464
0.57062 -8873.138 -604.310651 1.01E-15
-1.33E-14 -1.08E-15 -394.352114 1.01E-15
0.78531 -9156.991 -615.201398 1.01E-15
-1.33E-14 -3.48E-15 1061.669
1.00000 -9440.843 -615.201398 1.01E-15
-1.33E-14 -5.89E-15 2531.693

COMB ULO14 ----- MIN V3

REL DIST T P M2 V2 M3 V3
0.14124 -8305.433 -594.453963 1.01E-15
-1.33E-14 3.73E-15 -3258.800
0.35593 -8589.286 -599.382307 1.01E-15
-1.33E-14 1.32E-15 -1832.464
0.57062 -8873.138 -604.310651 1.01E-15
-1.33E-14 -1.08E-15 -394.352114 1.01E

REL DIST				COMB				0.35593				1.03E-15				0.14124				-6102.482				7.61E-16			
T	M2	P	V2	T	M2	P	V2	T	M2	P	V2	T	M2	P	V2	T	M2	P	V2	T	M2	P	V2	T	M2	P	V2
0.14124	-11652.200	-543.872869	8.87E-16	REL DIST	-9947.115	-363.086595	8.32E-16	-1.21E-14	1.35E-15	-1803.126	1.03E-15	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16	0.14124	-11652.200	-543.872869	8.87E-16	REL DIST	-9947.115	-363.086595	8.32E-16	
-1.41E-14	3.29E-15	-3300.912	8.87E-16	T	M2	P	V2	-1.21E-14	1.35E-15	-1803.126	1.03E-15	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16		
0.35593	-11879.336	-543.872869	8.87E-16	0.14124	-9947.115	-363.086595	8.32E-16	-1.21E-14	1.35E-15	-1803.126	1.03E-15	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16		
-1.41E-14	1.17E-15	-2001.328	8.87E-16	-1.33E-14	3.08E-15	-2412.224	8.32E-16	-1.21E-14	1.35E-15	-1803.126	1.03E-15	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16		
0.57062	-12106.418	-543.872869	8.87E-16	0.35593	-10174.197	-363.086595	8.32E-16	-1.21E-14	1.35E-15	-1803.126	1.03E-15	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16		
-1.41E-14	-9.53E-16	-701.743607	8.87E-16	-1.33E-14	1.09E-15	-1544.628	8.32E-16	-1.21E-14	1.35E-15	-1803.126	1.03E-15	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16		
0.78531	-1233.505	-553.184769	8.87E-16	0.57062	-10401.279	-363.086595	8.32E-16	-1.21E-14	1.35E-15	-1803.126	1.03E-15	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16		
-1.41E-14	-3.07E-15	606.474980	8.87E-16	-1.33E-14	-8.93E-16	-677.032788	8.32E-16	-1.21E-14	1.35E-15	-1803.126	1.03E-15	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16		
1.00000	-12560.582	-553.184769	8.87E-16	0.78531	-10628.361	-372.398495	8.32E-16	-1.21E-14	1.35E-15	-1803.126	1.03E-15	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16		
-1.41E-14	-5.19E-15	1928.310	8.87E-16	-1.33E-14	-2.88E-15	199.196988	8.32E-16	-1.21E-14	1.35E-15	-1803.126	1.03E-15	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16	-0.37E-15	2.82E-15	-3014.550	0.35593	-6318.209	-591.176573	7.61E-16		
COMB				COMB				COMB				COMB				COMB				COMB							
UEO02				UEO06				UEO11				UEO15				UEO19				UEO23				UEO27			
MAX				MAX				MAX				MAX				MAX				MAX				MAX			
REL DIST				REL DIST				REL DIST				REL DIST				REL DIST				REL DIST				REL DIST			
T	M2	P	V2	T	M2	P	V2	T	M2	P	V2	T	M2	P	V2	T	M2	P	V2	T	M2	P	V2	T	M2	P	V2
0.14124	-7330.823	-308.180315	4.92E-16	0.14124	-9947.115	-363.086595	8.32E-16	0.14124	-5605.605	-773.222907	9.31E-16	0.14124	-6102.482	-586.248229	7.61E-16	0.14124	-7330.823	-308.180315	4.92E-16	0.14124	-9947.115	-363.086595	8.32E-16	0.14124	-5605.605	-773.222907	9.31E-16
-7.81E-15	1.82E-15	-1928.280	4.92E-16	-1.33E-14	3.08E-15	-2412.224	8.32E-16	-1.05E-14	3.45E-15	-3793.948	9.31E-16	-7.81E-15	1.82E-15	-1928.280	4.92E-16	-7.81E-15	1.82E-15	-1928.280	4.92E-16	-7.81E-15	1.82E-15	-1928.280	4.92E-16	-7.81E-15	1.82E-15	-1928.280	4.92E-16
0.35593	-7557.905	-308.180315	4.92E-16	0.35593	-10170.863	-450.692092	7.31E-16	0.35593	-5821.333	-783.079594	9.31E-16	0.35593	-6318.209	-591.176573	7.61E-16	0.35593	-7557.905	-308.180315	4.92E-16	0.35593	-10170.863	-450.692092	7.31E-16	0.35593	-5821.333	-783.079594	9.31E-16
-7.81E-15	6.47E-16	-1191.883	4.92E-16	-1.16E-14	2.71E-15	-2758.244	7.31E-16	-1.05E-14	1.00E-15	1858.851	9.31E-16	-7.81E-15	6.47E-16	-1191.883	4.92E-16	-7.81E-15	6.47E-16	-1191.883	4.92E-16	-7.81E-15	6.47E-16	-1191.883	4.92E-16	-7.81E-15	6.47E-16	-1191.883	4.92E-16
0.57062	-7784.987	-308.180315	4.92E-16	0.57062	-10174.197	-363.086595	8.32E-16	0.57062	-6037.061	-792.936282	9.31E-16	0.57062	-6533.937	-596.104917	7.61E-16	0.57062	-7784.987	-308.180315	4.92E-16	0.57062	-10174.197	-363.086595	8.32E-16	0.57062	-6037.061	-792.936282	9.31E-16
-7.81E-15	-5.29E-16	-455.486277	4.92E-16	-1.16E-14	9.61E-16	-1681.315	7.31E-16	-1.05E-14	-1.00E-15	-51.610641	9.31E-16	-7.81E-15	-5.29E-16	-455.486277	4.92E-16	-7.81E-15	-5.29E-16	-455.486277	4.92E-16	-7.81E-15	-5.29E-16	-455.486277	4.92E-16	-7.81E-15	-5.29E-16	-455.486277	4.92E-16
0.78531	-8012.069	-317.492215	4.92E-16	0.78531	-10397.945	-450.692092	7.31E-16	0.78531	-6252.789	-805.764026	9.31E-16	0.78531	-6533.937	-596.104917	7.61E-16	0.78531	-8012.069	-317.492215	4.92E-16	0.78531	-10397.945	-450.692092	7.31E-16	0.78531	-6252.789	-805.764026	9.31E-16
-7.81E-15	-1.70E-15	289.544950	4.92E-16	-1.16E-14	-7.85E-16	-604.386058	7.31E-16	-1.05E-14	-5.45E-15	3784.224	9.31E-16	-1.05E-14	-5.45E-15	3784.224	9.31E-16	-1.05E-14	-5.45E-15	3784.224	9.31E-16	-1.05E-14	-5.45E-15	3784.224	9.31E-16	-1.05E-14	-5.45E-15	3784.224	9.31E-16
1.00000	-8239.151	-317.492215	4.92E-16	0.78531	-10628.361	-372.398495	8.32E-16	0.78531	-6252.789	-805.764026	9.31E-16	0.78531	-6533.937	-596.104917	7.61E-16	1.00000	-8239.151	-317.492215	4.92E-16	1.00000	-8239.151	-317.492215	4.92E-16	1.00000	-6468.517	-805.764026	9.31E-16
-7.81E-15	-2.88E-15	1048.193	4.92E-16	-1.16E-14	-2.53E-15	481.177061	7.31E-16	-1.05E-14	-5.45E-15	3784.224	9.31E-16	-1.05E-14	-5.45E-15	3784.224	9.31E-16	-1.05E-14	-5.45E-15	3784.224	9.31E-16	-1.05E-14	-5.45E-15	3784.224	9.31E-16	-1.05E-14	-5.45E-15	3784.224	9.31E-16
COMB				COMB				COMB				COMB				COMB				COMB							
UEO02				UEO07				UEO12				UEO16				UEO20				UEO24				UEO28			
MIN				MAX				MAX				MAX				MAX				MAX				MAX			
REL DIST				REL DIST				REL DIST				REL DIST				REL DIST				REL DIST				REL DIST			
T	M2	P	V2	T	M2	P	V2	T	M2	P	V2	T	M2	P	V2	T	M2	P	V2	T	M2	P	V2	T	M2	P	V2
0.14124	-7330.823	-308.180315	4.92E-16	0.14124	-9943.781	-450.692092	7.31E-16	0.14124	-5605.605	-773.222907	9.31E-16	0.14124	-6102.482	-586.248229	7.61E-16	0.14124	-7330.823	-308.180315	4.92E-16	0.14124	-9943.781	-450.692092	7.31E-16	0.14124	-5605.605	-773.222907	9.31E-16
-7.81E-15	1.82E-15	-1928.280	4.92E-16	-1.16E-14	2.71E-15	-2758.244	7.31E-16	-1.05E-14	3.45E-15	-3793.948	9.31E-16	-7.81E-15	1.82E-15	-1928.280	4.92E-16	-7.81E-15	1.82E-15	-1928.280	4.92E-16	-7.81E-15	1.82E-15	-1928.280	4.92E-16	-7.81E-15	1.82E-15	-1928.280	4.92E-16
0.35593	-7557.905	-308.180315	4.92E-16	0.35593	-10170.863	-450.692092	7.31E-16	0.35593	-5821.333	-783.079594	9.31E-16	0.35593	-6318.209	-591.176573	7.61E-16	0.35593	-7557.905	-308.180315	4.92E-16	0.35593	-10170.863	-450.692092	7.31E-16	0.35593	-5821.333	-783.079594	9.31E-16
-7.81E-15	6.47E-16	-1191.883	4.92E-16	-1.16E-14	9.61E-16	-1681.315	7.31E-16	-1.05E-14	1.00E-15	1858.851	9.31E-16	-7.81E-15	6.47E-16	-1191.883	4.92E-16	-7.81E-15	6.47E-16	-1191.883	4.92E-16	-7.81E-15	6.47E-16	-1191.883	4.92E-16	-7.81E-15	6.47E-16	-1191.883	4.92E-16
0.57062	-7784.987	-308.180315	4.92E-16	0.57062	-10397.945	-450.692092	7.31E-16	0.57062	-6037.061	-792.936282	9.31E-16	0.57062	-6533.937	-596.104917	7.61E-16	0.57062	-7784.987	-308.180315	4.92E-16	0.57062	-10397.945	-450.692092	7.31E-16	0.57062	-6037.061	-792.936282	9.31E-16
-7.81E-15	-5.29E-16	-455.486277	4.92E-16	-1.16E-14	-7.85E-16	-604.386058	7.31E-16	-1.05E-14	-1.00E-15	-51.610641	9.31E-16	-7.81E-15	-5.29E-16	-455.486277	4.92E-16	-7.81E-15	-5.29E-16	-455.486277	4.92E-16	-7.81E-15	-5.29E-16	-455.486277	4.92E-16	-7.81E-15	-5.29E-16	-455.486277	4.92E-16
0.78531	-8012.069	-317.492215	4.92E-16	0.78531	-10625.027	-460.003992	7.31E-16	0.78531	-6252.789	-805.764026	9.31E-16	0.78531	-6533.937	-596.104917	7.61E-16	0.78531	-8012.069	-317.492215	4.92E-16	0.78531	-10625.027	-460.003992	7.31E-16	0.78531	-6252.789	-805.764026	9.31E-16
-7.81E-15	-1.70E-15	289.544950	4.92E-16	-1.16E-14	-2.53E-15	481.177061	7.31E-16	-1.05E-14	-5.45E-15	3784.224	9.31E-16	-1.05E-14	-5.45E-15	3784.224	9.31E-16	-1.05E-14	-5.45E-15	3784.224	9.31E-16	-1.05E-14	-5.45E-15	3784.224	9.31E-16	-1.05E-14	-5.45E-15	3784.224	9.31E-16
1.00000	-8239.																										

[illegible]

1.00000	-7025.968	308.139294	333.744249
-33.391316	-4088.551	-1103.178	
COMB SVB10 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6117.640	308.139294	314.874354
-33.391316	-952.574137	1842.018	
0.35593	-6344.722	308.139294	322.759704
-33.391316	-1714.387	1105.719	
0.57062	-6571.804	308.139294	330.645054
-33.391316	-2495.043	369.419816	
0.78531	-6798.886	308.139294	333.744249
-33.391316	-3291.069	-366.879027	
1.00000	-7025.968	308.139294	333.744249
-33.391316	-4088.551	-1103.178	
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F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB SVB11 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6117.640	308.139294	35.927249
-5.692359	-6344.722	1842.018	
0.35593	-6344.722	308.139294	43.812599
-5.692359	-160.614336	1105.719	
0.57062	-6571.804	308.139294	51.697949
-5.692359	-274.725562	369.419816	
0.78531	-6798.886	308.139294	54.797144
-5.692359	-404.208032	-366.879027	
1.00000	-7025.968	308.139294	54.797144
-5.692359	-535.145807	-1103.178	
COMB SVB11 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6117.640	308.139294	35.927249
-5.692359	-65.345154	1842.018	
0.35593	-6344.722	308.139294	43.812599
-5.692359	-160.614336	1105.719	
0.57062	-6571.804	308.139294	51.697949
-5.692359	-274.725562	369.419816	
0.78531	-6798.886	308.139294	54.797144
-5.692359	-404.208032	-366.879027	
1.00000	-7025.968	308.139294	54.797144
-5.692359	-535.145807	-1103.178	

COMB SVB12 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8298.082	417.763738	296.910730
-30.545136	-919.901561	2543.110	
0.35593	-8525.164	417.763738	300.853405
-30.545136	-1634.080	1544.864	
0.57062	-8752.246	417.763738	304.796080
-30.545136	-2357.680	546.617269	
0.78531	-8979.328	417.763738	306.345677
-30.545136	-3088.965	-451.629183	
1.00000	-9206.410	417.763738	306.345677
-30.545136	-3820.978	-1449.876	
COMB SVB12 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8298.082	417.763738	296.910730
-30.545136	-919.901561	2543.110	
0.35593	-8525.164	417.763738	300.853405
-30.545136	-1634.080	1544.864	
0.57062	-8752.246	417.763738	304.796080
-30.545136	-2357.680	546.617269	
0.78531	-8979.328	417.763738	306.345677
-30.545136	-3088.965	-451.629183	
1.00000	-9206.410	417.763738	306.345677
-30.545136	-3820.978	-1449.876	

COMB SVB13 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8298.082	417.763738	17.963624
-2.846180	-32.672577	1842.018	
0.35593	-8525.164	417.763738	21.906299
-2.846180	-8752.246	417.763738	25.848974
0.57062	-8752.246	417.763738	25.848974
-2.846180	-137.362781	546.617269	
0.78531	-8979.328	417.763738	27.398572
-2.846180	-202.104016	-451.629183	
1.00000	-9206.410	417.763738	27.398572
-2.846180	-267.572904	-1449.876	
COMB SVB13 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8298.082	417.763738	17.963624
-2.846180	-32.672577	1842.018	
0.35593	-8525.164	417.763738	21.906299
-2.846180	-80.307168	1544.864	
0.57062	-8752.246	417.763738	25.848974
-2.846180	-137.362781	546.617269	
0.78531	-8979.328	417.763738	27.398572
-2.846180	-202.104016	-451.629183	
1.00000	-9206.410	417.763738	27.398572
-2.846180	-267.572904	-1449.876	

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F R A M E E L E M E N T I N T E R N A L F O R C E S			
COMB SVB14 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6117.640	308.139294	296.910730
-30.545136	-919.901561	1842.018	
0.35593	-6344.722	308.139294	300.853405
-30.545136	-1634.080	1105.719	
0.57062	-6571.804	308.139294	304.796080
-30.545136	-2357.680	369.419816	
0.78531	-6798.886	308.139294	306.345677
-30.545136	-3088.965	-366.879027	
1.00000	-7025.968	308.139294	306.345677
-30.545136	-3820.978	-1103.178	
COMB SVB14 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6117.640	308.139294	296.910730
-30.545136	-919.901561	1842.018	
0.35593	-6344.722	308.139294	300.853405
-30.545136	-1634.080	1105.719	
0.57062	-6571.804	308.139294	304.796080
-30.545136	-2357.680	369.419816	

0.78531	-6798.886	308.139294	306.345677
-30.545136	-3088.965	-366.879027	
1.00000	-7025.968	308.139294	306.345677
-30.545136	-3820.978	-1103.178	
COMB SVB15 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6117.640	308.139294	17.963624
-2.846180	-32.672577	1842.018	
0.35593	-6344.722	308.139294	21.906299
-2.846180	-80.307168	1105.719	
0.57062	-6571.804	308.139294	25.848974
-2.846180	-137.362781	369.419816	
0.78531	-6798.886	308.139294	27.398572
-2.846180	-202.104016	-366.879027	
1.00000	-7025.968	308.139294	27.398572
-2.846180	-267.572904	-1103.178	

COMB SVB15 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6117.640	308.139294	17.963624
-2.846180	-32.672577	1842.018	
0.35593	-6344.722	308.139294	21.906299
-2.846180	-80.307168	1105.719	
0.57062	-6571.804	308.139294	25.848974
-2.846180	-137.362781	369.419816	
0.78531	-6798.886	308.139294	27.398572
-2.846180	-202.104016	-366.879027	
1.00000	-7025.968	308.139294	27.398572
-2.846180	-267.572904	-1103.178	
COMB ULB01 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-12640.882	636.273637	-1.03E-15
2.25E-14	-3.83E-15	3901.972	
0.35593	-12936.089	636.273637	-1.03E-15
2.25E-14	-1.36E-15	2381.596	
0.57062	-13231.295	636.273637	-1.03E-15
2.25E-14	1.11E-15	661.220284	
0.78531	-13526.502	636.273637	-1.03E-15
2.25E-14	3.58E-15	-659.155570	
1.00000	-13821.709	636.273637	-1.03E-15
2.25E-14	6.05E-15	-2179.531	
COMB ULB01 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-12640.882	636.273637	-1.03E-15
2.25E-14	-3.83E-15	3901.972	
0.35593	-12936.089	636.273637	-1.03E-15
2.25E-14	-1.36E-15	2381.596	
0.57062	-13231.295	636.273637	-1.03E-15
2.25E-14	1.11E-15	661.220284	
0.78531	-13526.502	636.273637	-1.03E-15
2.25E-14	3.58E-15	-659.155570	
1.00000	-13821.709	636.273637	-1.03E-15
2.25E-14	6.05E-15	-2179.531	

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COMB ULB02 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7952.932	400.581082	-6.39E-16
1.39E-14	-2.37E-15	2394.623	
0.35593	-8248.138	400.581082	-6.39E-16
1.39E-14	-8.41E-16	1437.434	
0.57062	-8543.345	400.581082	-6.39E-16
1.39E-14	6.87E-16	480.245760	
0.78531	-8838.551	400.581082	-6.39E-16
1.39E-14	2.21E-15	-476.942735	
1.00000	-9133.758	400.581082	-6.39E-16
1.39E-14	3.74E-15	-1434.131	
COMB ULB02 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7952.932	400.581082	-6.39E-16
1.39E-14	-2.37E-15	2394.623	
0.35593	-8248.138	400.581082	-6.39E-16
1.39E-14	-8.41E-16	1437.434	
0.57062	-8543.345	400.581082	-6.39E-16
1.39E-14	6.87E-16	480.245760	
0.78531	-8838.551	400.581082	-6.39E-16
1.39E-14	2.21E-15	-476.942735	
1.00000	-9133.758	400.581082	-6.39E-16
1.39E-14	3.74E-15	-1434.131	

COMB ULB03 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7952.932	400.581082	46.705423
-7.400067	-84.948700	2394.623	
0.35593	-8248.138	400.581082	56.956378
-7.400067	-208.798637	1437.434	
0.57062	-8543.345	400.581082	67.207333
-7.400067	-357.143231	480.245760	
0.78531	-8838.551	400.581082	71.236287
-7.400067	-525.470442	-476.942735	
1.00000	-9133.758	400.581082	71.236287
-7.400067	-695.689549	-1434.131	
COMB ULB03 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7952.932	400.581082	46.705423
-7.400067	-84.948700	2394.623	
0.35593	-8248.138	400.581082	56.956378
-7.400067	-208.798637	1437.434	
0.57062	-8543.345	400.581082	67.207333
-7.400067	-357.143231	480.245760	
0.78531	-8838.551	400.581082	71.236287
-7.400067	-525.470442	-476.942735	
1.00000	-9133.758	400.581082	71.236287
-7.400067	-695.689549	-1434.131	

7.400687	-525.470942	-476.9427		
1.000000	-913.7551	400.581082		71.236287
7.400067	-695.689549	-1434.131		
COMB	ULB04	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.14124	-10787.507	543.092859	23.352712	
-3.700034	-42.474350	3306.0		
0.35593	-11082.713	543.092859	28.478189	
-3.700034	-104.399318	2008.32		
0.57062	-11377.920	543.092859	33.603667	
-3.700034	-178.571615	710.602449		
0.78531	-11673.126	543.092859	35.618143	
-3.700034	-262.735251	-587.117938		
1.000000	-1192.933	543.092859	35.618143	
-3.700034	-347.844775	-1884.638		
COMB	ULB04	-----	MIN	

-3.557725 -100.383960 1931.080
0.57062 -10940.307 522.204672
-3.557725 -171.703476 683.271586
0.78531 -11224.160 522.204672
-3.557725 -252.630020 -564.536479
1.00000 -11508.012 522.204672
-3.557725 -334.466129 -1812.345
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L F O R C E S

COMB ULB14 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -7647.050 385.174117 371.138412
-38.181420 -1149.877 2302.522
0.35593 -7930.902 385.174117 376.066756
-38.181420 -2042.600 1382.148
0.57062 -8214.755 385.174117 380.995100
-38.181420 -2947.100 461.774769
0.78531 -8498.607 385.174117 382.932097
-38.181420 -3861.207 -458.598784
1.00000 -8782.459 385.174117 382.932097
-38.181420 -4776.223 -1378.972

COMB ULB14 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -7647.050 385.174117 371.138412
-38.181420 -1149.877 2302.522
0.35593 -7930.902 385.174117 376.066756
-38.181420 -2042.600 1382.148
0.57062 -8214.755 385.174117 380.995100
-38.181420 -2947.100 461.774769
0.78531 -8498.607 385.174117 382.932097
-38.181420 -3861.207 -458.598784
1.00000 -8782.459 385.174117 382.932097
-38.181420 -4776.223 -1378.972

COMB ULB15 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -7647.050 385.174117 22.454530
-3.557725 -40.840721 2302.522
0.35593 -7930.902 385.174117 27.382874
-3.557725 -100.383960 1382.148
0.57062 -8214.755 385.174117 32.311218
-3.557725 -171.703476 461.774769
0.78531 -8498.607 385.174117 34.248215
-3.557725 -252.630020 -458.598784
1.00000 -8782.459 385.174117 34.248215
-3.557725 -334.466129 -1378.972

COMB ULB15 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -7647.050 385.174117 22.454530
-3.557725 -40.840721 2302.522
0.35593 -7930.902 385.174117 27.382874
-3.557725 -100.383960 1382.148
0.57062 -8214.755 385.174117 32.311218
-3.557725 -171.703476 461.774769
0.78531 -8498.607 385.174117 34.248215
-3.557725 -252.630020 -458.598784
1.00000 -8782.459 385.174117 34.248215
-3.557725 -334.466129 -1378.972

COMB ULB16 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -6117.640 308.139294 -4.92E-16
1.07E-14 -1.82E-15 1842.018
0.35593 -6344.722 308.139294 -4.92E-16
1.07E-14 -6.47E-16 1105.719
0.57062 -6571.804 308.139294 -4.92E-16
1.07E-14 5.28E-16 369.419816
0.78531 -6798.886 308.139294 -4.92E-16
1.07E-14 1.70E-15 -366.879027
1.00000 -7025.968 308.139294 -4.92E-16
1.07E-14 2.88E-15 -1103.178

COMB ULB16 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -6117.640 308.139294 -4.92E-16
1.07E-14 -1.82E-15 1842.018
0.35593 -6344.722 308.139294 -4.92E-16
1.07E-14 -6.47E-16 1105.719
0.57062 -6571.804 308.139294 -4.92E-16
1.07E-14 5.28E-16 369.419816
0.78531 -6798.886 308.139294 -4.92E-16
1.07E-14 1.70E-15 -366.879027
1.00000 -7025.968 308.139294 -4.92E-16
1.07E-14 2.88E-15 -1103.178
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L F O R C E S

COMB ULB17 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -10787.507 543.092859 -8.78E-16
1.91E-14 -3.25E-15 3306.043
0.35593 -11082.713 543.092859 -8.78E-16
1.91E-14 -1.15E-15 2008.323
0.57062 -11377.920 543.092859 -8.78E-16
1.91E-14 9.43E-16 710.602449
0.78531 -11673.126 543.092859 -8.78E-16
1.91E-14 3.04E-15 -587.117938
1.00000 -11968.333 543.092859 -8.78E-16
1.91E-14 5.14E-15 -1884.838

COMB ULB17 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -10787.507 543.092859 -8.78E-16
1.91E-14 -3.25E-15 3306.043
0.35593 -11082.713 543.092859 -8.78E-16
1.91E-14 -1.15E-15 2008.323
0.57062 -11377.920 543.092859 -8.78E-16
1.91E-14 9.43E-16 710.602449
0.78531 -11673.126 543.092859 -8.78E-16
1.91E-14 3.04E-15 -587.117938
1.00000 -11968.333 543.092859 -8.78E-16
1.91E-14 5.14E-15 -1884.838

COMB ULB18 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -7341.168 369.767153 43.112698

-6.830831 -78.414184 2210.421
0.35593 -7613.666 369.767153 52.575118
-6.830831 -192.737203 1326.862
0.57062 -7886.164 369.767153 62.037538
-6.830831 -329.670675 443.303779
0.78531 -8158.663 369.767153 65.756572
-6.830831 -485.049639 -440.254832
1.00000 -8431.161 369.767153 65.756572
-6.830831 -642.174968 -1323.813

COMB ULB18 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -7341.168 369.767153 43.112698
6.830831 -78.414184 2210.421
0.35593 -7613.666 369.767153 52.575118
0.57062 -7886.164 369.767153 62.037538
-6.830831 -329.670675 443.303779
0.78531 -8158.663 369.767153 65.756572
-6.830831 -485.049639 -440.254832
1.00000 -8431.161 369.767153 65.756572
-6.830831 -642.174968 -1323.813

COMB UEB01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -10805.590 543.831848 -8.86E-16
1.93E-14 -3.28E-15 3349.367
0.35593 -11032.672 543.831848 -8.86E-16
1.93E-14 -1.17E-15 2049.881
0.57062 -11259.754 543.831848 -8.86E-16
1.93E-14 9.52E-16 750.394340
0.78531 -11486.836 543.831848 -8.86E-16
1.93E-14 3.07E-15 -549.091862
1.00000 -11713.918 543.831848 -8.86E-16
1.93E-14 5.19E-15 -1848.578
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COMB UEB01 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -10805.590 543.831848 -8.86E-16
1.93E-14 -3.28E-15 3349.367
0.35593 -11032.672 543.831848 -8.86E-16
1.93E-14 -1.17E-15 2049.881
0.57062 -11259.754 543.831848 -8.86E-16
1.93E-14 9.52E-16 750.394340
0.78531 -11486.836 543.831848 -8.86E-16
1.93E-14 3.07E-15 -549.091862
1.00000 -11713.918 543.831848 -8.86E-16
1.93E-14 5.19E-15 -1848.578
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COMB UEB01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -10805.590 543.831848 -8.86E-16
1.93E-14 -3.28E-15 3349.367
0.35593 -11032.672 543.831848 -8.86E-16
1.93E-14 -1.17E-15 2049.881
0.57062 -11259.754 543.831848 -8.86E-16
1.93E-14 9.52E-16 750.394340
0.78531 -11486.836 543.831848 -8.86E-16
1.93E-14 3.07E-15 -549.091862
1.00000 -11713.918 543.831848 -8.86E-16
1.93E-14 5.19E-15 -1848.578
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L F O R C E S

COMB UEB02 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -6117.640 308.139294 -4.92E-16
1.07E-14 -1.82E-15 1842.018
0.35593 -6344.722 308.139294 -4.92E-16
1.07E-14 -6.47E-16 1105.719
0.57062 -6571.804 308.139294 -4.92E-16
1.07E-14 5.28E-16 369.419816
0.78531 -6798.886 308.139294 -4.92E-16
1.07E-14 1.70E-15 -366.879027
1.00000 -7025.968 308.139294 -4.92E-16
1.07E-14 2.88E-15 -1103.178

COMB UEB02 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -6117.640 308.139294 -4.92E-16
1.07E-14 -1.82E-15 1842.018
0.35593 -6344.722 308.139294 -4.92E-16
1.07E-14 -6.47E-16 1105.719
0.57062 -6571.804 308.139294 -4.92E-16
1.07E-14 5.28E-16 369.419816
0.78531 -6798.886 308.139294 -4.92E-16
1.07E-14 1.70E-15 -366.879027
1.00000 -7025.968 308.139294 -4.92E-16
1.07E-14 2.88E-15 -1103.178

COMB UEB03 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -6117.640 308.139294 46.705423
-7.400067 -84.948700 1842.018
0.35593 -6344.722 308.139294 56.956378
-7.400067 -208.798637 1105.719
0.57062 -6571.804 308.139294 67.207333
-7.400067 -357.143231 369.419816
0.78531 -6798.886 308.139294 71.236287
-7.400067 -525.470442 -366.879027
1.00000 -7025.968 308.139294 71.236287
-7.400067 -695.689549 -1103.178

COMB UEB03 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -6117.640 308.139294 46.705423
-7.400067 -84.948700 1842.018
0.35593 -6344.722 308.139294 56.956378
-7.400067 -208.798637 1105.719
0.57062 -6571.804 308.139294 67.207333
-7.400067 -357.143231 369.419816
0.78531 -6798.886 308.139294 71.236287
-7.400067 -525.470442 -366.879027
1.00000 -7025.968 308.139294 71.236287
-7.400067 -695.689549 -1103.178

COMB UEB04 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -8952.215 450.651071 23.352712
-3.700034 -42.474350 2753.438
0.35593 -9179.297 450.651071 28.478189
-3.700034 -104.399318 1676.607
0.57062 -9406.378 450.651071 33.603667
-3.700034 -178.571615 369.419816
0.78531 -9633.460 450.651071 35.618143
-3.700034 -262.735221 -477.054230
1.00000 -9860.542 450.651071 35.618143
-3.700034 -347.844775 -1553.885

COMB UEB04 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -8952.215 450.651071 23.352712
-3.700034 -42.474350 2753.438
0.35593 -9179.297 450.651071 28.478189
-3.700034 -104.399318 1676.607
0.57062 -9406.378 450.651071 33.603667
-3.700034 -178.571615 369.419816
0.78531 -9633.460 450.651071 35.618143
-3.700034 -262.735221 -477.054230

1.00000 -9860.542 450.651071 35.618143
-3.700034 -347.844775 -1553.885
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COMB UEB05 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -6117.640 308.139294 23.352712
-3.700034 -42.474350 2753.438
0.35593 -9179.297 450.651071 28.478189
-3.700034 -104.399318 1676.607
0.57062 -9406.378 450.651071 33.603667
-3.700034 -178.571615 369.419816
0.78531 -9633.460 450.651071 35.618143
-3.700034 -262.735221 -366.879027
1.00000 -9860.542 450.651071 35.618143
-3.700034 -347.844775 -1103.178

COMB UEB05 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -6117.640 308.139294 23.352712
-3.700034 -42.474350 2753.438
0.35593 -9179.297 450.651071 28.478189
-3.700034 -104.399318 1676.607
0.57062 -9406.378 450.651071 33.603667
-3.700034 -178.571615 369.419816
0.78531 -9633.460 450.651071 35.618143
-3.700034 -262.735221 -366.879027
1.00000 -9860.542 450.651071 35.618143
-3.700034 -347.844775 -1103.178

COMB UEB06 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -8952.215 450.651071 362.631237
-36.008644 -1153.398 2753.438
0.35593 -9179.297 450.651071 362.631237
-36.008644 -2019.905 1676.607
0.57062 -9406.378 450.651071 362.631237
-36.008644 -2886.412 599.776504
0.78531 -9633.460 450.651071 362.631237
-36.008644 -3752.920 -477.054230
1.00000 -9860.542 450.651071 362.631237
-36.008644 -4619.427 -1553.885

COMB UEB06 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -8952.215 450.651071 362.631237
-36.008644 -1153.398 2753.438
0.35593 -9179.297 450.651071 362.631237
-36.008644 -2019.905 1676.607
0.57062 -9406.378 450.651071 362.631237
-36.008644 -2886.412 599.776504
0.78531 -9633.460 450.651071 362.631237
-36.008644 -3752.920 -477.054230
1.00000 -9860.542 450.651071 362.631237
-36.008644 -4619.427 -1553.885

COMB UEB07 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -8952.215 450.651071 362.631237
1.59E-14 -2.71E-15 2753.438
0.35593 -9179.297 450.651071 362.631237
1.59E-14 -9.60E-16 1676.607
0.57062 -9406.378 450.651071 362.631237
1.59E-14 7.84E-16 599.776504
0.78531 -9633.460 450.651071 362.631237
1.59E-14 2.53E-15 -477.054230
1.00000 -9860.542 450.651071 362.631237
1.59E-14 4.27E-15 -1553.885

COMB UEB07 ----- MIN

REL DIST T P M2 M3 V2 V3
0.14124 -8952.215 450.651071 362.631237
1.59E-14 -2.71E-15 2753.438
0.35593 -9179.297 450.651071 362.631237
1.59E-14 -9.60E-16 1676.607
0.57062 -9406.378 450.651071 362.631237
1.59E-14 7.84E-16 599.776504
0.78531 -9633.460 450.651071 362.631237
1.59E-14 2.53E-15 -477.054230
1.00000 -9860.542 450.651071 362.631237
1.59E-14 4.27E-15 -1553.885
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F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB UEB08 ----- MAX

REL DIST T P M2 M3 V2 V3
0.14124 -6117.640 308.139294 362.631237
-36.008644 -1153.398 2753.438
0.35593 -9179.297 450.651071 362.631237
-36.008644 -2019.905 1676.607
0.57062 -9406.378 450.651071 362.631237
-36.008644 -2886.412 599.776504
0.78531 -9633.460 450.651071 362.631237
-36.008644 -3752.920 -477.054230
1.00000 -9860.542 450.651071 362.631237
-36.008644 -4619.427 -1103.178

COMB UEB08

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

COMB UEB14 ----- MAX

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-5811.758	292.732329	371.138412	
-38.181420	-1149.877	1749.917		
0.35593	-6027.486	292.732329	376.066756	
-38.181420	-2042.600	1050.433		
0.57062	-6243.213	292.732329	380.995100	
-38.181420	-2947.100	350.948825		
0.78531	-6458.941	292.732329	382.932097	
-38.181420	-3861.207	-348.535076		
1.00000	-6674.669	292.732329	382.932097	
-38.181420	-4776.223	-1048.019		

COMB UEB14 ----- MIN

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-5811.758	292.732329	371.138412	
-38.181420	-1149.877	1749.917		
0.35593	-6027.486	292.732329	376.066756	
-38.181420	-2042.600	1050.433		
0.57062	-6243.213	292.732329	380.995100	
-38.181420	-2947.100	350.948825		
0.78531	-6458.941	292.732329	382.932097	
-38.181420	-3861.207	-348.535076		
1.00000	-6674.669	292.732329	382.932097	
-38.181420	-4776.223	-1048.019		

COMB UEB15 ----- MAX

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-5811.758	292.732329	22.454530	
-3.557725	-40.840721	1749.917		
0.35593	-6027.486	292.732329	27.382874	
-3.557725	-100.363960	1050.433		
0.57062	-6243.213	292.732329	32.311218	
-3.557725	-171.703476	350.948825		
0.78531	-6458.941	292.732329	34.248215	
-3.557725	-252.630020	-348.535076		
1.00000	-6674.669	292.732329	34.248215	
-3.557725	-334.466129	-1048.019		

COMB UEB15 ----- MIN

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-5811.758	292.732329	22.454530	
-3.557725	-40.840721	1749.917		
0.35593	-6027.486	292.732329	27.382874	
-3.557725	-100.363960	1050.433		
0.57062	-6243.213	292.732329	32.311218	
-3.557725	-171.703476	350.948825		
0.78531	-6458.941	292.732329	34.248215	
-3.557725	-252.630020	-348.535076		
1.00000	-6674.669	292.732329	34.248215	
-3.557725	-334.466129	-1048.019		

COMB UEB16 ----- MAX

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-6117.640	308.139294	-4.92E-16	
1.07E-14	-1.82E-15	1842.018		
0.35593	-6344.722	308.139294	-4.92E-16	
1.07E-14	-6.47E-16	1105.719		
0.57062	-6571.804	308.139294	-4.92E-16	
1.07E-14	5.28E-16	369.419816		
0.78531	-6798.886	308.139294	-4.92E-16	
1.07E-14	1.70E-15	-366.879027		
1.00000	-7025.968	308.139294	-4.92E-16	
1.07E-14	2.88E-15	-1103.178		

COMB UEB16 ----- MIN

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-6117.640	308.139294	-4.92E-16	
1.07E-14	-1.82E-15	1842.018		
0.35593	-6344.722	308.139294	-4.92E-16	
1.07E-14	-6.47E-16	1105.719		
0.57062	-6571.804	308.139294	-4.92E-16	
1.07E-14	5.28E-16	369.419816		
0.78531	-6798.886	308.139294	-4.92E-16	
1.07E-14	1.70E-15	-366.879027		
1.00000	-7025.968	308.139294	-4.92E-16	
1.07E-14	2.88E-15	-1103.178		

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COMB UEB17 ----- MAX

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-8952.215	450.651071	-7.30E-16	
1.59E-14	-2.71E-15	2753.438		
0.35593	-9179.297	450.651071	-7.30E-16	
1.59E-14	-9.60E-16	1676.607		
0.57062	-9406.378	450.651071	-7.30E-16	
1.59E-14	7.84E-16	599.776504		
0.78531	-9633.460	450.651071	-7.30E-16	
1.59E-14	2.53E-15	-477.054230		
1.00000	-9860.542	450.651071	-7.30E-16	
1.59E-14	4.27E-15	-1553.885		

COMB UEB17 ----- MIN

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-8952.215	450.651071	-7.30E-16	
1.59E-14	-2.71E-15	2753.438		
0.35593	-9179.297	450.651071	-7.30E-16	
1.59E-14	-9.60E-16	1676.607		
0.57062	-9406.378	450.651071	-7.30E-16	
1.59E-14	7.84E-16	599.776504		
0.78531	-9633.460	450.651071	-7.30E-16	
1.59E-14	2.53E-15	-477.054230		
1.00000	-9860.542	450.651071	-7.30E-16	
1.59E-14	4.27E-15	-1553.885		

COMB UEB18 ----- MAX

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-5505.876	277.325364	43.112698	
-6.830831	-78.414184	1657.816		
0.35593	-5710.250	277.325364	52.575118	
-6.830831	-192.737203	995.146792		
0.57062	-5914.623	277.325364	62.037538	
-6.830831	-329.670675	332.477834		
0.78531	-6118.997	277.325364	65.756572	
-6.830831	-485.049639	-330.191124		
1.00000	-6323.371	277.325364	65.756572	
-6.830831	-642.174968	-992.860082		

COMB UEB18 ----- MIN

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-5505.876	277.325364	43.112698	
-6.830831	-78.414184	1657.816		
0.35593	-5710.250	277.325364	52.575118	
-6.830831	-192.737203	995.146792		
0.57062	-5914.623	277.325364	62.037538	
-6.830831	-329.670675	332.477834		
0.78531	-6118.997	277.325364	65.756572	
-6.830831	-485.049639	-330.191124		
1.00000	-6323.371	277.325364	65.756572	
-6.830831	-642.174968	-992.860082		

COMB SVO01 ----- MAX

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-8299.361	417.795292	-6.76E-16	
1.47E-14	-2.50E-15	2539.593		
0.35593	-8526.443	417.795292	-6.76E-16	
1.47E-14	-8.89E-16	1541.272		
0.57062	-8753.525	417.795292	-6.76E-16	
1.47E-14	7.26E-16	542.949797		
0.78531	-8980.607	410.632292	-6.76E-16	
1.47E-14	2.34E-15	-448.730234		
1.00000	-9207.689	410.632292	-6.76E-16	
1.47E-14	3.95E-15	-1429.936		

COMB SVO01 ----- MIN

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-8299.361	417.795292	-6.76E-16	
1.47E-14	-2.50E-15	2539.593		
0.35593	-8526.443	417.795292	-6.76E-16	
1.47E-14	-8.89E-16	1541.272		
0.57062	-8753.525	417.795292	-6.76E-16	
1.47E-14	7.26E-16	542.949797		
0.78531	-8980.607	410.632292	-6.76E-16	
1.47E-14	2.34E-15	-448.730234		
1.00000	-9207.689	410.632292	-6.76E-16	
1.47E-14	3.95E-15	-1429.936		

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COMB SVO02 ----- MAX

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-8299.361	417.795292	-6.76E-16	
1.47E-14	-2.50E-15	2539.593		
0.35593	-8526.443	417.795292	-6.76E-16	
1.47E-14	-8.89E-16	1541.272		
0.57062	-8753.525	417.795292	-6.76E-16	
1.47E-14	7.26E-16	542.949797		
0.78531	-8980.607	410.632292	-6.76E-16	
1.47E-14	2.34E-15	-448.730234		
1.00000	-9207.689	410.632292	-6.76E-16	
1.47E-14	3.95E-15	-1429.936		

COMB SVO02 ----- MIN

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-8299.361	417.795292	-6.76E-16	
1.47E-14	-2.50E-15	2539.593		
0.35593	-8526.443	417.795292	-6.76E-16	
1.47E-14	-8.89E-16	1541.272		
0.57062	-8753.525	417.795292	-6.76E-16	
1.47E-14	7.26E-16	542.949797		
0.78531	-8980.607	410.632292	-6.76E-16	
1.47E-14	2.34E-15	-448.730234		
1.00000	-9207.689	410.632292	-6.76E-16	
1.47E-14	3.95E-15	-1429.936		

COMB SVO07 ----- MAX

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-8299.361	417.795292	-6.76E-16	
1.47E-14	-2.50E-15	2539.593		
0.35593	-8526.443	417.795292	-6.76E-16	
1.47E-14	-8.89E-16	1541.272		
0.57062	-8753.525	417.795292	-6.76E-16	
1.47E-14	7.26E-16	542.949797		
0.78531	-8980.607	410.632292	-6.76E-16	
1.47E-14	2.34E-15	-448.730234		
1.00000	-9207.689	410.632292	-6.76E-16	
1.47E-14	3.95E-15	-1429.936		

COMB SVO07 ----- MIN

REL DIST	P	M2	V2	V3
T	M2	M3		
0.14124	-8299.361	417.795292	-6.76E-16	
1.47E-14	-2.50E-15	2539.593		
0.35593	-8526.443	417.795292	-6.76E-16	
1.47E-14	-8.89E-16	1541.272		
0.57062	-8753.525	417.795292	-6.76E-16	
1.47E-14	7.26E-16	542.949797		
0.78531	-8980.607	410.632292	-6.76E-16	
1.47E-14	2.34E-15	-448.730234		
1.00000	-9207.689	410.632292	-6.76E-16	
1.47E-14	3.95E-15	-1429.936		

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COMB SVO03 ----- MAX

1.76E-14	3.15E-15	291.726695		
1.00000	-9897.114	203.383376	-9.10E-16	
1.76E-14	5.33E-15	-191.868382		
COMB SVO04 ----- MIN				
REL DIST		P	V2	V3
T	M2	M3		
0.14124	-8998.786	214.263850	-9.10E-16	
1.76E-14	-3.37E-15	1800.706		
0.35593	-9215.868	212.292512	-9.10E-16	
1.76E-14	-1.20E-15	1291.077		
0.57062	-9442.950	210.321175	-9.10E-16	

	T	M2	M3	
0.14124	-6805.779	37.250562		-8.05E-16
1.53E-14	-2.98E-15	848.319311		-8.05E-16
0.35593	-7032.861	35.279225		-8.05E-16
1.53E-14	-1.06E-15	761.664348		-8.05E-16
0.57062	-7259.943	33.307887		-8.05E-16
1.53E-14	-8.64E-16	679.719896		-8.05E-16
0.78531	-7487.025	25.370089		-8.05E-16
1.53E-14	-2.79E-15	608.260075		-8.05E-16
1.00000	-7714.107	25.370089		-8.05E-16
1.53E-14	-4.71E-15	547.638249		-8.05E-16

COMB	SVOI4	-----	MIN	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-6805.779	37.250562		-8.05E-16
1.53E-14	-2.98E-15	848.319311		-8.05E-16
0.35593	-7032.861	35.279225		-8.05E-16
1.53E-14	-1.06E-15	761.664348		-8.05E-16
0.57062	-7259.943	33.307887		-8.05E-16
1.53E-14	-8.64E-16	679.719896		-8.05E-16
0.78531	-7487.025	25.370089		-8.05E-16
1.53E-14	-2.79E-15	608.260075		-8.05E-16
1.00000	-7714.107	25.370089		-8.05E-16
1.53E-14	-4.71E-15	547.638249		-8.05E-16

COMB	SVOI5	-----	MAX	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-6808.344	104.639406		-7.27E-16
1.36E-14	-2.69E-15	1099.613		-7.27E-16
0.35593	-7035.426	102.668068		-7.27E-16
1.36E-14	-9.56E-16	851.932406		-7.27E-16
0.57062	-7262.508	100.696731		-7.27E-16
1.36E-14	-7.81E-16	608.962313		-7.27E-16
0.78531	-7489.590	92.758932		-7.27E-16
1.36E-14	-2.52E-15	376.476851		-7.27E-16
1.00000	-7716.672	92.758932		-7.27E-16
1.36E-14	-4.25E-15	154.829383		-7.27E-16

COMB	SVOI5	-----	MIN	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-6808.344	104.639406		-7.27E-16
1.36E-14	-2.69E-15	1099.613		-7.27E-16
0.35593	-7035.426	102.668068		-7.27E-16
1.36E-14	-9.56E-16	851.932406		-7.27E-16
0.57062	-7262.508	100.696731		-7.27E-16
1.36E-14	-7.81E-16	608.962313		-7.27E-16
0.78531	-7489.590	92.758932		-7.27E-16
1.36E-14	-2.52E-15	376.476851		-7.27E-16
1.00000	-7716.672	92.758932		-7.27E-16
1.36E-14	-4.25E-15	154.829383		-7.27E-16

COMB	ULO01	-----	MAX	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-12642.545	636.314657		-1.03E-15
2.25E-14	-3.83E-15	3897.400		-1.03E-15
0.35593	-12937.752	636.314657		-1.03E-15
2.25E-14	-1.36E-15	2376.926		-1.03E-15
0.57062	-13232.958	636.314657		-1.03E-15
2.25E-14	-1.11E-15	856.452571		-1.03E-15
0.78531	-13528.165	627.002757		-1.03E-15
2.25E-14	-1.51E-15	655.386936		-1.03E-15
1.00000	-13823.371	627.002757		-1.03E-15
2.25E-14	-6.05E-15	-2153.610		-1.03E-15

COMB	ULO01	-----	MIN	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-12642.545	636.314657		-1.03E-15
2.25E-14	-3.83E-15	3897.400		-1.03E-15
0.35593	-12937.752	636.314657		-1.03E-15
2.25E-14	-1.36E-15	2376.926		-1.03E-15
0.57062	-13232.958	636.314657		-1.03E-15
2.25E-14	-1.11E-15	856.452571		-1.03E-15
0.78531	-13528.165	627.002757		-1.03E-15
2.25E-14	-1.51E-15	655.386936		-1.03E-15
1.00000	-13823.371	627.002757		-1.03E-15
2.25E-14	-6.05E-15	-2153.610		-1.03E-15

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FRAME ELEMENT INTERNAL FORCES

COMB	ULO02	-----	MAX	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-7954.594	400.622103		-6.40E-16
1.39E-14	-2.37E-15	2390.051		-6.40E-16
0.35593	-8249.801	400.622103		-6.40E-16
1.39E-14	-8.41E-16	1432.765		-6.40E-16
0.57062	-8545.008	400.622103		-6.40E-16
1.39E-14	-6.87E-16	475.478047		-6.40E-16
0.78531	-8840.214	391.310203		-6.40E-16
1.39E-14	-2.22E-15	473.174101		-6.40E-16
1.00000	-9135.421	391.310203		-6.40E-16
1.39E-14	-3.74E-15	-1408.210		-6.40E-16

COMB	ULO02	-----	MIN	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-7954.594	400.622103		-6.40E-16
1.39E-14	-2.37E-15	2390.051		-6.40E-16
0.35593	-8249.801	400.622103		-6.40E-16
1.39E-14	-8.41E-16	1432.765		-6.40E-16
0.57062	-8545.008	400.622103		-6.40E-16
1.39E-14	-6.87E-16	475.478047		-6.40E-16
0.78531	-8840.214	391.310203		-6.40E-16
1.39E-14	-2.22E-15	473.174101		-6.40E-16
1.00000	-9135.421	391.310203		-6.40E-16
1.39E-14	-3.74E-15	-1408.210		-6.40E-16

COMB	ULO03	-----	MAX	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-9367.598	-36.521499		-1.12E-15
1.99E-14	-4.15E-15	773.903680		-1.12E-15
0.35593	-9662.805	-41.646976		-1.12E-15
1.99E-14	-1.47E-15	867.295465		-1.12E-15
0.57062	-9958.011	-46.772454		-1.12E-15
1.99E-14	-1.20E-15	972.934579		-1.12E-15
0.78531	-10253.218	-58.098830		-1.12E-15
1.99E-14	-3.88E-15	1097.199		-1.12E-15
1.00000	-10548.425	-58.098830		-1.12E-15
1.99E-14	-6.66E-15	1236.027		-1.12E-15

COMB	ULO03	-----	MIN	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-9367.598	-36.521499		-1.12E-15
1.99E-14	-4.15E-15	773.903680		-1.12E-15
0.35593	-9662.805	-41.646976		-1.12E-15
1.99E-14	-1.47E-15	867.295465		-1.12E-15
0.57062	-9958.011	-46.772454		-1.12E-15
1.99E-14	-1.20E-15	972.934579		-1.12E-15

0.78531	-10253.218	-58.098830	-1.12E-15
1.99E-14	-3.88E-15	1097.199	-1.12E-15
1.00000	-10548.425	-58.098830	-1.12E-15
1.99E-14	-6.66E-15	1236.027	-1.12E-15

COMB	ULO04	-----	MAX	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-11685.422	278.543005		-1.18E-15
2.29E-14	-4.38E-15	2340.917		-1.18E-15
0.35593	-11980.628	275.980266		-1.18E-15
2.29E-14	-1.56E-15	1678.401		-1.18E-15
0.57062	-12275.835	273.417527		-1.18E-15
2.29E-14	-1.27E-15	1022.008		-1.18E-15
0.78531	-12571.041	263.098389		-1.18E-15
2.29E-14	-4.10E-15	379.244703		-1.18E-15
1.00000	-12866.248	263.098389		-1.18E-15
2.29E-14	-6.93E-15	-249.428897		-1.18E-15

COMB	ULO04	-----	MIN	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-11685.422	278.543005		-1.18E-15
2.29E-14	-4.38E-15	2340.917		-1.18E-15
0.35593	-11980.628	275.980266		-1.18E-15
2.29E-14	-1.56E-15	1678.401		-1.18E-15
0.57062	-12275.835	273.417527		-1.18E-15
2.29E-14	-1.27E-15	1022.008		-1.18E-15
0.78531	-12571.041	263.098389		-1.18E-15
2.29E-14	-4.10E-15	379.244703		-1.18E-15
1.00000	-12866.248	263.098389		-1.18E-15
2.29E-14	-6.93E-15	-249.428897		-1.18E-15

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COMB	ULO05	-----	MAX	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-8850.847	136.031227		-9.45E-16
1.77E-14	-3.50E-15	1429.497		-9.45E-16
0.35593	-9146.053	133.468489		-9.45E-16
1.77E-14	-1.24E-15	1107.512		-9.45E-16
0.57062	-9441.260	130.905750		-9.45E-16
1.77E-14	-1.02E-15	791.651007		-9.45E-16
0.78531	-9736.467	120.586612		-9.45E-16
1.77E-14	-3.27E-15	489.419966		-9.45E-16
1.00000	-10031.673	120.586612		-9.45E-16
1.77E-14	-5.53E-15	201.278198		-9.45E-16

COMB	ULO05	-----	MIN	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-8850.847	136.031227		-9.45E-16
1.77E-14	-3.50E-15	1429.497		-9.45E-16
0.35593	-9146.053	133.468489		-9.45E-16
1.77E-14	-1.24E-15	1107.512		-9.45E-16
0.57062	-9441.260	130.905750		-9.45E-16
1.77E-14	-1.02E-15	791.651007		-9.45E-16
0.78531	-9736.467	120.586612		-9.45E-16
1.77E-14	-3.27E-15	489.419966		-9.45E-16
1.00000	-10031.673	120.586612		-9.45E-16
1.77E-14	-5.53E-15	201.278198		-9.45E-16

COMB	ULO06	-----	MAX	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-10785.835	455.528384		-9.79E-16
2.13E-14	-1.36E-15	2974.790		-9.79E-16
0.35593	-11081.042	455.528384		-9.79E-16
2.13E-14	-1.29E-15	1886.305		-9.79E-16
0.57062	-11376.248	455.528384		-9.79E-16
2.13E-14	-1.05E-15	797.819594		-9.79E-16
0.78531	-11671.455	446.216484		-9.79E-16
2.13E-14	-3.39E-15	-282.031112		-9.79E-16
1.00000	-11900.661	446.216484		-9.79E-16
2.13E-14	-5.73E-15	-1348.265		-9.79E-16

COMB	ULO06	-----	MIN	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-10785.835	455.528384		-9.79E-16
2.13E-14	-1.36E-15	2974.790		-9.79E-16
0.35593	-11081.042	455.528384		-9.79E-16
2.13E-14	-1.29E-15	1886.305		-9.79E-16
0.57062	-11376.248	455.528384		-9.79E-16
2.13E-14	-1.05E-15	797.819594		-9.79E-16
0.78531	-11671.455	446.216484		-9.79E-16
2.13E-14	-3.39E-15	-282.031112		-9.79E-16
1.00000	-11900.661	446.216484		-9.79E-16
2.13E-14	-5.73E-15	-1348.265		-9.79E-16

COMB	ULO07	-----	MAX	
REL DIST	T	P	M2	V2
	T	M2	M3	V3
0.14124	-10789.169	543.133880		-8.78E-16
1.91E-14	-3.25E-15	3301.472		-8.78E-16
0.35593	-11084.376	543.133880		-8.78E-16
1.91E-14	-1.16E-15	2003.653		-8.78E-16

1.91E-14	5.14E-15	-1858.917	
COMB	UEO17	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10789.169	543.133880	-8.78E-16
1.91E-14	-3.25E-15	3301.472	
0.35593	-11084.376	543.133880	-8.78E-16
1.91E-14	-1.16E-15	2045.211	
0.57062	-11379.582	543.133880	-8.78E-16
1.91E-14	9.43E-16	705.834736	
0.78531	-11674.789	533.821980	-8.78E-16
1.91E-14	3.04E-15	-583.349304	
1.00000	-11969.996	533.821980	-8.78E-16
1.91E-14	5.14E-15	-1858.917	

COMB	UEO18	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8647.014	-33.712153	-1.04E-15
1.83E-14	-8.83E-15	714.372628	
0.35593	-8919.512	-38.443363	-1.04E-15
1.83E-14	-1.36E-15	800.580429	
0.57062	-9192.011	-43.174573	-1.04E-15
1.83E-14	1.11E-15	898.093457	
0.78531	-9464.509	-53.629690	-1.04E-15
1.83E-14	3.59E-15	1012.799	
1.00000	-9737.007	-53.629690	-1.04E-15
1.83E-14	6.06E-15	1140.948	

COMB	UEO18	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8647.014	-33.712153	-1.04E-15
1.83E-14	-8.83E-15	714.372628	
0.35593	-8919.512	-38.443363	-1.04E-15
1.83E-14	-1.36E-15	800.580429	
0.57062	-9192.011	-43.174573	-1.04E-15
1.83E-14	1.11E-15	898.093457	
0.78531	-9464.509	-53.629690	-1.04E-15
1.83E-14	3.59E-15	1012.799	
1.00000	-9737.007	-53.629690	-1.04E-15
1.83E-14	6.06E-15	1140.948	

COMB	UEO01	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10807.253	543.872869	-8.87E-16
1.93E-14	-3.29E-15	3344.795	
0.35593	-11034.335	543.872869	-8.87E-16
1.93E-14	-1.17E-15	2045.211	
0.57062	-11261.417	543.872869	-8.87E-16
1.93E-14	9.53E-16	745.626627	
0.78531	-11488.499	534.560969	-8.87E-16
1.93E-14	3.07E-15	-545.323228	
1.00000	-11715.581	534.560969	-8.87E-16
1.93E-14	5.19E-15	-1822.657	

COMB	UEO01	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-10807.253	543.872869	-8.87E-16
1.93E-14	-3.29E-15	3344.795	
0.35593	-11034.335	543.872869	-8.87E-16
1.93E-14	-1.17E-15	2045.211	
0.57062	-11261.417	543.872869	-8.87E-16
1.93E-14	9.53E-16	745.626627	
0.78531	-11488.499	534.560969	-8.87E-16
1.93E-14	3.07E-15	-545.323228	
1.00000	-11715.581	534.560969	-8.87E-16
1.93E-14	5.19E-15	-1822.657	

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COMB	UEO02	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6119.303	308.180315	-4.92E-16
1.07E-14	-1.82E-15	1837.446	
0.35593	-6346.385	308.180315	-4.92E-16
1.07E-14	-6.47E-16	1101.049	
0.57062	-6573.466	308.180315	-4.92E-16
1.07E-14	5.29E-16	364.652103	
0.78531	-6800.548	298.868415	-4.92E-16
1.07E-14	1.70E-15	-363.110393	
1.00000	-7027.630	298.868415	-4.92E-16
1.07E-14	2.88E-15	-1077.256	

COMB	UEO02	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6119.303	308.180315	-4.92E-16
1.07E-14	-1.82E-15	1837.446	
0.35593	-6346.385	308.180315	-4.92E-16
1.07E-14	-6.47E-16	1101.049	
0.57062	-6573.466	308.180315	-4.92E-16
1.07E-14	5.29E-16	364.652103	
0.78531	-6800.548	298.868415	-4.92E-16
1.07E-14	1.70E-15	-363.110393	
1.00000	-7027.630	298.868415	-4.92E-16
1.07E-14	2.88E-15	-1077.256	

COMB	UEO03	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7532.306	-128.963287	-9.74E-16
1.67E-14	-3.61E-15	221.298430	
0.35593	-7759.388	-134.088764	-9.74E-16
1.67E-14	-1.28E-15	535.579868	
0.57062	-7986.470	-139.214242	-9.74E-16
1.67E-14	1.05E-15	862.108634	
0.78531	-8213.552	-150.540619	-9.74E-16
1.67E-14	3.27E-15	1207.263	
1.00000	-8440.634	-150.540619	-9.74E-16
1.67E-14	5.70E-15	1566.980	

COMB	UEO03	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7532.306	-128.963287	-9.74E-16
1.67E-14	-3.61E-15	221.298430	
0.35593	-7759.388	-134.088764	-9.74E-16
1.67E-14	-1.28E-15	535.579868	
0.57062	-7986.470	-139.214242	-9.74E-16
1.67E-14	1.05E-15	862.108634	
0.78531	-8213.552	-150.540619	-9.74E-16
1.67E-14	3.27E-15	1207.263	
1.00000	-8440.634	-150.540619	-9.74E-16
1.67E-14	5.70E-15	1566.980	

COMB	UEO04	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9850.130	186.101216	-1.04E-15

1.97E-14	-3.84E-15	1788.312	
0.35593	-10077.212	183.538478	-1.04E-15
1.97E-14	-1.36E-15	1346.685	
0.57062	-10304.294	180.95739	-1.04E-15
1.97E-14	1.11E-15	911.181751	
0.78531	-10531.376	170.656601	-1.04E-15
1.97E-14	3.59E-15	489.308411	
1.00000	-10758.458	170.656601	-1.04E-15
1.97E-14	6.06E-15	81.524464	

COMB	UEO04	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-9850.130	186.101216	-1.04E-15
1.97E-14	-3.84E-15	1788.312	
0.35593	-10077.212	183.538478	-1.04E-15
1.97E-14	-1.36E-15	1346.685	
0.57062	-10304.294	180.95739	-1.04E-15
1.97E-14	1.11E-15	911.181751	
0.78531	-10531.376	170.656601	-1.04E-15
1.97E-14	3.59E-15	489.308411	
1.00000	-10758.458	170.656601	-1.04E-15
1.97E-14	6.06E-15	81.524464	

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COMB	UEO05	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7015.555	43.589439	-7.98E-16
1.45E-14	-2.95E-15	876.891664	
0.35593	-7242.637	41.026700	-7.98E-16
1.45E-14	-1.05E-15	775.796531	
0.57062	-7469.719	38.463962	-7.98E-16
1.45E-14	8.57E-16	680.825062	
0.78531	-7696.801	28.144823	-7.98E-16
1.45E-14	2.76E-15	599.483614	
1.00000	-7923.883	28.144823	-7.98E-16
1.45E-14	4.67E-15	532.231559	

COMB	UEO05	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-7015.555	43.589439	-7.98E-16
1.45E-14	-2.95E-15	876.891664	
0.35593	-7242.637	41.026700	-7.98E-16
1.45E-14	-1.05E-15	775.796531	
0.57062	-7469.719	38.463962	-7.98E-16
1.45E-14	8.57E-16	680.825062	
0.78531	-7696.801	28.144823	-7.98E-16
1.45E-14	2.76E-15	599.483614	
1.00000	-7923.883	28.144823	-7.98E-16
1.45E-14	4.67E-15	532.231559	

COMB	UEO06	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8950.543	363.086595	-8.32E-16
1.81E-14	-3.08E-15	2422.184	
0.35593	-9177.625	363.086595	-8.32E-16
1.81E-14	-1.09E-15	1554.589	
0.57062	-9404.707	363.086595	-8.32E-16
1.81E-14	8.93E-16	686.993650	
0.78531	-9631.789	353.774695	-8.32E-16
1.81E-14	8.93E-16	686.993650	-8.32E-16
1.00000	-9858.871	353.774695	-8.32E-16
1.81E-14	4.87E-15	-1017.312	

COMB	UEO06	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8950.543	363.086595	-8.32E-16
1.81E-14	-3.08E-15	2422.184	
0.35593	-9177.625	363.086595	-8.32E-16
1.81E-14	-1.09E-15	1554.589	
0.57062	-9404.707	363.086595	-8.32E-16
1.81E-14	8.93E-16	686.993650	
0.78531	-9631.789	353.774695	-8.32E-16
1.81E-14	8.93E-16	686.993650	-8.32E-16
1.00000	-9858.871	353.774695	-8.32E-16
1.81E-14	4.87E-15	-1017.312	

COMB	UEO07	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8953.877	450.692092	-7.31E-16
1.59E-14	-2.71E-15	2748.866	
0.35593	-9180.959	450.692092	-7.31E-16
1.59E-14	-9.61E-16	1671.938	
0.57062	-9408.041	450.692092	-7.31E-16
1.59E-14	7.85E-16	595.008792	
1.00000	-9862.205	441.380192	-7.31E-16
1.59E-14	4.28E-15	-1527.964	

COMB	UEO07	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-8953.877	450.692092	-7.31E-16
1.59E-14	-2.71E-15	2748.866	
0.35593	-9180.959	450.692092	-7.31E-16
1.59E-14	-9.61E-16	1671.938	
0.57062	-9408.041	450.692092	-7.31E-16
1.59E-14	7.85E-16	595.008792	
1.00000	-9862.205	441.380192	-7.31E-16
1.59E-14	4.28E-15	-1527.964	

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FRAME ELEMENT INTERNAL FORCES			

COMB	UEO08	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.14124	-6115.968	220.574818	-5.93E-16
1.29E-14	-2.20E-15	1510.764	
0.35593	-6343.050	220.574818	-5.93E-16
1.29E-14	-7.80E-16	983.700489	
0.57062	-6570.132	220.574818	-5.93E-1

0.57062	-9408.041	450.692092	-7.31E-16	COMB ENVOECC	-----	MIN	
1.59E-14	7.85E-16	595.008792		REL DIST		P	V2
0.78531	-9635.123	441.380192	-7.31E-16			M2	M3
1.59E-14	2.55E-15	473.285996					
1.00000	-9862.205	441.380192	-7.31E-16	0.14124	-10807.253	308.180315	-8.87E-16
1.59E-14	4.28E-15	-1527.964		1.07E-14	-3.29E-15	1837.446	
COMB UEO18	-----	MAX		0.35593	-11034.335	308.180315	-8.87E-16
REL DIST		P	V2	1.07E-14	-1.17E-15	1101.049	
T		M2	M3	0.57062	-11261.417	308.180315	-8.87E-16
0.14124	-6811.722	-126.153941	-8.88E-16	1.07E-14	5.29E-16	364.652103	
1.51E-14	-3.29E-15	161.767377		0.78531	-11488.499	298.868415	-8.87E-16
0.35593	-7016.096	-130.885151	-8.88E-16	1.07E-14	1.70E-15	-545.323228	
1.51E-14	1.17E-15	468.864832		1.00000	-11715.581	298.868415	-8.87E-16
0.57062	-7220.469	-135.616361	-8.88E-16	1.07E-14	2.88E-15	-1822.657	
1.51E-14	9.53E-16	787.267513					
0.78531	-7424.843	-146.071478	-8.88E-16				
1.51E-14	3.07E-15	1122.863					
1.00000	-7629.217	-146.071478	-8.88E-16				
1.51E-14	5.20E-15	1471.901					
COMB UEO18	-----	MIN					
REL DIST		P	V2				
T		M2	M3				
0.14124	-6811.722	-126.153941	-8.88E-16				
1.51E-14	-3.29E-15	161.767377					
0.35593	-7016.096	-130.885151	-8.88E-16				
1.51E-14	-1.17E-15	468.864832					
0.57062	-7220.469	-135.616361	-8.88E-16				
1.51E-14	9.53E-16	787.267513					
0.78531	-7424.843	-146.071478	-8.88E-16				
1.51E-14	3.07E-15	1122.863					
1.00000	-7629.217	-146.071478	-8.88E-16				
1.51E-14	5.20E-15	1471.901					
COMB ENVBULT	-----	MAX					
REL DIST		P	V2				
T		M2	M3				
0.14124	-12640.882	636.273637	-1.03E-15				
2.25E-14	-3.83E-15	3901.972					
0.35593	-12936.089	636.273637	-1.03E-15				
2.25E-14	-1.36E-15	2381.596					
0.57062	-13231.295	636.273637	-1.03E-15				
2.25E-14	1.11E-15	861.220284					
0.78531	-13526.502	636.273637	-1.03E-15				
2.25E-14	3.58E-15	-659.155570					
1.00000	-13821.709	636.273637	-1.03E-15				
2.25E-14	6.05E-15	-2179.531					
COMB ENVBULT	-----	MIN					
REL DIST		P	V2				
T		M2	M3				
0.14124	-12640.882	636.273637	-1.03E-15				
2.25E-14	-3.83E-15	3901.972					
0.35593	-12936.089	636.273637	-1.03E-15				
2.25E-14	-1.36E-15	2381.596					
0.57062	-13231.295	636.273637	-1.03E-15				
2.25E-14	1.11E-15	861.220284					
0.78531	-13526.502	636.273637	-1.03E-15				
2.25E-14	3.58E-15	-659.155570					
1.00000	-13821.709	636.273637	-1.03E-15				
2.25E-14	6.05E-15	-2179.531					
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L	F O R C E S						
COMB ENVBEC	-----	MAX					
REL DIST		P	V2				
T		M2	M3				
0.14124	-6117.640	543.831848	-4.92E-16				
1.93E-14	-1.82E-15	3349.367					
0.35593	-6344.722	543.831848	-4.92E-16				
1.93E-14	-6.47E-16	2049.881					
0.57062	-6571.804	543.831848	-4.92E-16				
1.93E-14	9.52E-16	750.394340					
0.78531	-6799.896	543.831848	-4.92E-16				
1.93E-14	3.07E-15	-366.879027					
1.00000	-7025.968	543.831848	-4.92E-16				
1.93E-14	5.19E-15	-1103.178					
COMB ENVBEC	-----	MIN					
REL DIST		P	V2				
T		M2	M3				
0.14124	-10805.590	308.139294	-8.86E-16				
1.07E-14	-3.28E-15	1842.018					
0.35593	-11032.672	308.139294	-8.86E-16				
1.07E-14	-1.17E-15	1105.719					
0.57062	-11259.754	308.139294	-8.86E-16				
1.07E-14	5.28E-16	369.419816					
0.78531	-11486.836	308.139294	-8.86E-16				
1.07E-14	1.70E-15	-549.091862					
1.00000	-11713.918	308.139294	-8.86E-16				
1.07E-14	2.88E-15	-1848.578					
COMB ENVOULT	-----	MAX					
REL DIST		P	V2				
T		M2	M3				
0.14124	-12642.545	636.314657	-1.03E-15				
2.25E-14	-3.83E-15	3897.400					
0.35593	-12937.752	636.314657	-1.03E-15				
2.25E-14	-1.36E-15	2376.926					
0.57062	-13232.958	636.314657	-1.03E-15				
2.25E-14	1.11E-15	856.452571					
0.78531	-13528.165	627.002757	-1.03E-15				
2.25E-14	3.58E-15	-655.386936					
1.00000	-13823.371	627.002757	-1.03E-15				
2.25E-14	6.05E-15	-2153.610					
COMB ENVOULT	-----	MIN					
REL DIST		P	V2				
T		M2	M3				
0.14124	-12642.545	636.314657	-1.03E-15				
2.25E-14	-3.83E-15	3897.400					
0.35593	-12937.752	636.314657	-1.03E-15				
2.25E-14	-1.36E-15	2376.926					
0.57062	-13232.958	636.314657	-1.03E-15				
2.25E-14	1.11E-15	856.452571					
0.78531	-13528.165	627.002757	-1.03E-15				
2.25E-14	3.58E-15	-655.386936					
1.00000	-13823.371	627.002757	-1.03E-15				
2.25E-14	6.05E-15	-2153.610					
COMB ENVOECC	-----	MAX					
REL DIST		P	V2				
T		M2	M3				
0.14124	-6119.303	543.872869	-4.92E-16				
1.93E-14	-1.82E-15	3344.795					
0.35593	-6346.385	543.872869	-4.92E-16				
1.93E-14	-6.47E-16	2045.211					
0.57062	-6573.466	543.872869	-4.92E-16				
1.93E-14	9.53E-16	745.626627					
0.78531	-6800.548	534.560969	-4.92E-16				
1.93E-14	3.07E-15	-363.110393					
1.00000	-7027.630	534.560969	-4.92E-16				
1.93E-14	5.19E-15	-1077.256					