

■ 청도1교 부산방향(P9)

상부 output

: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체

DISPLACEMENT DEGREES OF FREEDOM

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

JOINTS UX UY UZ RX RY
RZ 1 TO 19 A A A A A A
20 TO 21 - - - - -
Program SAP2000 Nonlinear Version 7.42
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: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체

ASSEMBLED JOINT MASSES

IN GLOBAL COORDINATES

JOINT	RX	UX	UY	UZ
RX	RY	RZ		
1	14.396172	14.396172	14.396172	
.000000	.000000	.000000		
2	26.314348	26.314348	26.314348	
.000000	.000000	.000000		
3	12.674897	12.674897	12.674897	
.000000	.000000	.000000		
4	13.510321	13.510321	13.510321	
.000000	.000000	.000000		
5	75.324741	75.324741	75.324741	
.000000	.000000	.000000		
6	14.729071	14.729071	14.729071	
.000000	.000000	.000000		
7	13.111525	13.111525	13.111525	
.000000	.000000	.000000		
8	23.964067	23.964067	23.964067	
.000000	.000000	.000000		
9	15.566514	15.566514	15.566514	
.000000	.000000	.000000		
10	3.602447	3.602447	3.602447	
.000000	.000000	.000000		
11	15.566514	15.566514	15.566514	
.000000	.000000	.000000		
12	23.964067	23.964067	23.964067	
.000000	.000000	.000000		
13	12.497707	12.497707	12.497707	
.000000	.000000	.000000		
14	11.458142	11.458142	11.458142	
.000000	.000000	.000000		
15	70.009948	70.009948	70.009948	
.000000	.000000	.000000		
16	10.512232	10.512232	10.512232	
.000000	.000000	.000000		
17	9.761300	9.761300	9.761300	
.000000	.000000	.000000		
18	19.500510	19.500510	19.500510	
.000000	.000000	.000000		
19	10.155240	10.155240	10.155240	
.000000	.000000	.000000		
20	51.374627	51.374627	51.374627	
.000000	.000000	.000000		
21	51.374627	51.374627	51.374627	
.000000	.000000	.000000		

TOTAL ASSEMBLED JOINT MASSES

IN GLOBAL COORDINATES

RX	RY	UY	UZ
RX	RY	RZ	
TOTAL	499.369017	499.369017	499.369017
.000000	.000000	.000000	

TOTAL ACCELERATED MASSES AND LOCATION

TOTAL MASS ACTIVATED BY ACCELERATION LOADS, IN GLOBAL COORDINATES

MASS	UX	UY	UZ
X-LOC	Y-LOC	Z-LOC	
396.619764	396.619764	396.619764	
7.163545	7.163545	7.163545	
.000000	.000000	.000000	
10.606500	10.606500	10.606500	
.000000	.000000	.000000	
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

LOAD D-----

JOINT	RX	UX	UY	UZ
RX	RY	RZ		
1	9.47E-05	2.51E-21	-0.001559	
-1.47E-22	-0.000132	1.48E-23		
2	9.47E-05	2.54E-21	-0.001351	
-1.47E-22	-0.000131	3.55E-23		
3	9.47E-05	2.57E-21	-0.001173	
-1.47E-22	-0.000118	4.96E-23		
4	9.47E-05	2.56E-21	-0.001152	
-1.47E-22	-0.000115	1.06E-22		
5	9.47E-05	2.16E-21	-0.000997	
-1.47E-22	-7.64E-05	-7.90E-22		
6	9.59E-05	1.08E-21	-0.000974	
-1.24E-22	4.27E-05	-1.40E-21		
7	9.62E-05	7.54E-22	-0.000973	
-1.19E-22	-3.67E-05	-1.50E-21		
8	9.76E-05	-3.97E-22	-0.000990	
-8.32E-23	-5.79E-06	-7.47E-22		
9	0.000100	-1.06E-21	-0.001052	
-1.89E-23	-1.04E-07	-5.94E-22		
10	0.000100	-1.20E-21	-0.001059	
-9.73E-24	-4.34E-06	-7.97E-22		
11	0.000101	-1.37E-21	-0.001050	
-6.11E-25	-8.58E-06	-1.00E-21		
12	0.000103	-3.10E-21	-0.000977	
6.38E-23	3.76E-06	-8.96E-22		
13	0.000105	-3.60E-21	-0.000949	
9.91E-23	2.61E-05	-1.84E-22		
14	0.000105	-3.59E-21	-0.000947	
1.08E-22	3.85E-05	2.77E-22		
15	0.000106	-2.16E-21	-0.000975	
1.47E-22	0.000108	2.81E-21		
16	0.000106	2.18E-21	-0.001198	

1.47E-22	0.000188	5.78E-21		
17	0.000106	2.92E-21	-0.001231	
1.47E-22	0.000195	6.03E-21		
18	0.000106	9.34E-21	-0.001508	
1.47E-22	0.000024	7.33E-21		
19	0.000106	2.09E-20	-0.001860	
1.47E-22	0.000025	7.44E-21		
20	.000000	.000000	.000000	
.000000	.000000	.000000	.000000	
.000000	.000000	.000000	.000000	
.000000	.000000	.000000	.000000	

LOAD L1-----

JOINT	RX	UX	UY	UZ
RX	RY	RZ		
1	1.94E-05	7.44E-22	-0.000412	
-4.02E-23	-3.83E-05	-6.98E-24		
2	1.94E-05	7.34E-22	-0.000353	
-4.02E-23	-3.83E-05	-6.98E-24		
3	1.94E-05	7.25E-22	-0.000301	
-4.02E-23	-3.47E-05	-3.14E-23		
4	1.94E-05	7.20E-22	-0.000294	
-4.02E-23	-3.38E-05	-4.73E-23		
5	1.94E-05	5.90E-22	-0.000250	
-4.02E-23	-2.30E-05	-2.39E-22		
6	1.97E-05	2.69E-22	-0.000241	
-3.38E-23	-1.35E-05	-2.95E-22		
7	1.98E-05	1.74E-22	-0.000240	
-3.24E-23	-1.18E-05	-4.42E-22		
8	2.02E-05	-1.64E-22	-0.000244	
-2.27E-23	-2.53E-06	-2.15E-22		
9	2.09E-05	-3.37E-22	-0.000261	
-5.15E-24	-4.17E-07	-1.52E-22		
10	2.10E-05	-3.72E-22	-0.000264	
-2.66E-24	-1.67E-06	-2.12E-22		
11	2.11E-05	-4.20E-22	-0.000261	
-1.67E-25	-2.93E-06	-2.72E-22		
12	2.18E-05	-8.32E-22	-0.000239	
1.74E-23	-1.39E-06	-2.65E-22		
13	2.22E-05	-1.01E-21	-0.000231	
2.70E-23	7.18E-06	-3.09E-23		
14	2.23E-05	-1.00E-21	-0.000231	
2.95E-23	1.06E-05	9.80E-23		
15	2.27E-05	9.90E-22	-0.000239	
4.02E-23	2.97E-05	7.90E-22		
16	2.27E-05	6.18E-22	-0.000300	
4.02E-23	5.16E-05	1.60E-21		
17	2.27E-05	8.22E-22	-0.000309	
4.02E-23	5.34E-05	1.67E-21		
18	2.27E-05	2.60E-21	-0.000386	
4.02E-23	6.10E-05	2.01E-21		
19	2.27E-05	5.73E-21	-0.000481	
4.02E-23	6.10E-05	2.01E-21		
20	.000000	.000000	.000000	
.000000	.000000	.000000	.000000	
.000000	.000000	.000000	.000000	
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

LOAD W-LO-----

JOINT	RX	UX	UY	UZ
RX	RY	RZ		
1	4.10E-23	0.000800	3.42E-23	
-0.000107	9.56E-24	-3.93E-06		
2	4.10E-23	0.000824	1.88E-23	
-0.000107	1.04E-23	-3.90E-06		
3	4.10E-23	0.000820	8.98E-24	
-0.000107	1.01E-23	-3.83E-06		
4	4.10E-23	0.000820	7.73E-24	
-0.000107	9.85E-24	-3.81E-06		
5	4.10E-23	0.000816	-6.24E-25	
-0.000107	6.96E-24	-3.62E-06		
6	4.10E-23	0.000812	-6.33E-24	
-0.000107	4.93E-24	-3.48E-06		
7	4.10E-23	0.000812	-7.42E-24	
-0.000107	4.72E-24	-3.47E-06		
8	4.10E-23	0.000808	-1.27E-23	
-0.000107	5.38E-24	-3.45E-06		
9	4.10E-23	0.000803	-1.76E-23	
-0.000107	4.10E-23	-3.54E-06		
10	4.10E-23	0.000803	-1.75E-23	
-0.000107	-1.56E-24	-3.55E-06		
11	4.10E-23	0.000802	-1.71E-23	
-0.000107	-2.77E-24	-3.57E-06		
12	4.09E-23	0.000796	-8.18E-24	
-0.000106	-7.77E-24	-3.65E-06		
13	4.09E-23	0.000793	-9.16E-25	
-0.000106	-6.65E-24	-3.60E-06		
14	4.09E-23	0.000792	3.97E-25	
-0.000106	-5.14E-24	-3.58E-06		
15	4.09E-23	0.000788	6.24E-25	
-0.000106	5.93E-24	-3.37E-06		
16	4.09E-23	0.000785	-1.02E-23	
-0.000106	1.52E-23	-3.19E-06		
17	4.09E-23	0.000785	-1.22E-23	
-0.000106	1.60E-23	-3.18E-06		
18	4.09E-23	0.000782	-3.00E-23	
-0.000106	2.17E-23	-3.11E-06		
19	4.09E-23	0.000777	-6.82E-23	
-0.000106	2.58E-23	-3.08E-06		
20	.000000	.000000	.000000	
.000000	.000000	.000000	.000000	
.000000	.000000	.000000	.000000	
.000000	.000000	.000000	.000000	

LOAD G-LO2-----

JOINT	RX	UX	UY	UZ
1	5.14E-22	0.005974	-1.07E-23	
-0.000829	4.94E-24	-7.15E-06		
2	5.14E-22	0.005963	-1.84E-23	
-0.000829	4.94E-24	-7.15E-06		
3	5.14E-22	0.005954	-2.27E-23	
-0.000827	1.05E-24	-6.55E-06		
4	5.14E-22	0.005953	-2.27E-23	
-0.000826	1.40E-24	-6.39E-06		
5	5.14E-22	0.005945	-7.94E-24	
-0.000824	-3.20E-23	-4.42E-06		
6	5.15E-22	0.005943	4.56E-23	
-0.000825	-7.78E-23	-2.20E-06		
7	5.16E-22	0.005943	6.39E-23	
-0.000826	-8.66E-23	-1.76E-06		
8	5.18E-22	0.005943	1.35E-22	
-0.000828	-4.99E-23	6.65E-09		
9	5.21E-22	0.005947	1.66E-22	
-0.000831	-1.20E-23	1.32E-06		
10	5.21E-22	0.005948	1.69E-22	
-0.000832	-1.62E-23	1.35E-06		
11	5.21E-22	0.005948	1.72E-22	
-0.000831	-2.05E-23	1.38E-06		
12	5.24E-22	0.005948	1.87E-22	
-0.000828	1.52E-23	2.69E-06		
13	5.26E-22	0.005950	1.51E-22	
-0.000827	4.93E-23	4.48E-06		
14	5.27E-22	0.005951	1.37E-22	
-0.000826	7.31E-23	5.03E-06		
15	5.28E-22	0.005955	7.94E-24	
-0.000824	-8.92E-23	-1.76E-06		

-1.32E-26 2.40E-08 -1.29E-24 -8.07E-09
10 5.84E-06 -2.03E-26
-6.80E-27 2.33E-08 -1.32E-24 -8.90E-09
11 5.84E-06 -2.03E-26
-4.27E-28 2.32E-08 -1.33E-24 -2.47E-08
12 5.84E-06 -1.92E-24 -2.47E-08
4.46E-26 3.95E-08 -6.90E-25 -5.77E-08
13 5.84E-06 -2.30E-24
6.92E-26 6.08E-08 -1.65E-25
14 5.84E-06 -2.30E-24 -6.82E-08
7.56E-26 6.85E-08 1.22E-25
15 5.84E-06 -1.51E-24 -1.36E-07
1.03E-25 1.08E-07 1.57E-24 -3.57E-07
1.03E-25 1.08E-07 1.57E-24 -2.42E-07
1.03E-25 1.08E-07 1.57E-24 -2.55E-07
17 5.84E-06 2.20E-25
1.03E-25 1.08E-07 1.57E-24 -3.57E-07
18 5.84E-06 1.57E-24 -5.26E-07
1.03E-25 1.08E-07 1.57E-24
20 .000000 .000000 .000000
21 .000000 .000000 .000000 .000000
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

LOAD COL-TR

JOINT	UX	UY	UZ
RX	RY	RZ	
1	1.25E-05	4.77E-24	1.08E-06
-2.34E-25	2.14E-07	-3.71E-25	
2	1.25E-05	4.19E-24	7.47E-07
-2.34E-25	2.14E-07	-7.71E-25	
3	1.25E-05	3.84E-24	5.45E-07
-2.34E-25	2.14E-07	-3.71E-25	
4	1.25E-05	3.80E-24	5.18E-07
-2.34E-25	2.14E-07	-3.71E-25	
5	1.25E-05	3.44E-24	3.09E-07
-2.34E-25	2.14E-07	-7.71E-25	
6	1.25E-05	3.50E-24	1.55E-07
-1.97E-25	1.68E-07	4.45E-25	
7	1.25E-05	3.62E-24	1.25E-07
-1.88E-25	1.59E-07	5.91E-25	
8	1.25E-05	3.61E-24	3.20E-08
-1.32E-25	1.04E-07	-8.36E-25	
9	1.25E-05	3.50E-24	-1.63E-08
-3.00E-26	5.46E-08	-2.93E-24	
10	1.25E-05	-4.62E-26	-1.84E-08
-1.55E-26	5.30E-08	-3.01E-24	
11	1.25E-05	-6.47E-25	-2.02E-08
-9.72E-28	5.27E-08	-3.03E-24	
12	1.25E-05	-4.37E-24	-5.61E-08
1.01E-25	8.99E-08	-1.57E-24	
13	1.25E-05	-5.24E-24	-1.31E-07
1.57E-25	1.38E-07	-3.75E-25	
14	1.25E-05	-5.25E-24	-1.55E-07
1.72E-25	1.56E-07	-2.44E-25	
15	1.25E-05	-3.44E-24	-3.09E-07
2.34E-25	2.46E-07	3.58E-24	
16	1.25E-05	5.35E-26	-5.50E-07
2.34E-25	2.46E-07	3.58E-24	
17	1.25E-05	5.01E-25	-5.80E-07
2.34E-25	2.46E-07	3.46E-24	
18	1.25E-05	3.88E-24	-8.13E-07
2.34E-25	2.46E-07	3.58E-24	
19	1.25E-05	9.45E-24	-1.20E-06
2.34E-25	2.46E-07	3.58E-24	
20	.000000	.000000	.000000
.000000	.000000	.000000	.000000
21	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB01 ----- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000114	3.25E-21	-0.001971
-1.88E-22	-0.000170	7.81E-24	
2	0.000114	3.28E-21	-0.001703
-1.88E-22	-0.000169	2.85E-23	-0.001474
3	0.000114	3.02E-21	-0.001474
-1.88E-22	-0.000153	-8.10E-23	
4	0.000114	3.28E-21	-0.001446
-1.88E-22	-0.000149	-1.54E-22	
5	0.000114	2.75E-21	-0.001247
-1.88E-22	-9.94E-05	-1.03E-21	
6	0.000116	1.35E-21	-0.001215
-1.51E-22	-5.62E-05	-1.81E-21	
7	0.000116	9.28E-22	-0.001212
-1.51E-22	-4.85E-05	-1.94E-21	
8	0.000118	-5.61E-22	-0.001234
-1.06E-22	-8.32E-06	-9.62E-22	
9	0.000121	-1.40E-21	-0.001313
-2.40E-23	-5.22E-07	-7.46E-22	
10	0.000121	-1.57E-21	-0.001323
-1.24E-23	-6.00E-06	-1.01E-21	
11	0.000122	-1.79E-21	-0.001311
-7.78E-25	-1.15E-05	-1.27E-21	
12	0.000125	-3.99E-21	-0.001215
8.12E-23	-5.15E-06	-1.13E-21	
1.26E-22	3.33E-05	-2.15E-22	
13	0.000127	-4.59E-22	-0.001178
1.88E-22	4.91E-05	3.75E-22	
14	0.000129	-2.75E-21	-0.001214
1.88E-22	0.000138	3.60E-21	
16	0.000129	2.80E-21	-0.001498
1.88E-22	0.000240	7.38E-21	
17	0.000129	3.74E-21	-0.001541
1.88E-22	0.000249	7.70E-21	
18	0.000129	1.19E-20	-0.001894
1.88E-22	0.000285	9.35E-21	
19	0.000129	2.66E-20	-0.002341
1.88E-22	0.000286	9.45E-21	
20	.000000	.000000	.000000
.000000	.000000	.000000	.000000
21	.000000	.000000	.000000
.000000	.000000	.000000	

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB SVB01 ----- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000114	3.25E-21	-0.001971
-1.88E-22	-0.000170	7.81E-24	
2	0.000114	3.28E-21	-0.001703
-1.88E-22	-0.000169	2.85E-23	-0.001474
3	0.000114	3.02E-21	

-1.88E-22	-0.000153	-8.10E-23	
4	0.000114	3.28E-21	-0.001446
-1.88E-22	-0.000149	-1.54E-22	
5	0.000114	2.75E-21	-0.001247
-1.88E-22	-9.94E-05	-1.03E-21	
6	0.000116	1.35E-21	-0.001215
-1.58E-22	-5.62E-05	-1.81E-21	
7	0.000116	9.28E-22	-0.001212
-1.51E-22	-4.85E-05	-1.94E-21	
8	0.000118	-5.61E-22	-0.001234
-1.06E-22	-8.32E-06	-9.62E-22	
9	0.000121	-1.40E-21	-0.001313
-2.40E-23	-5.22E-07	-7.46E-22	
10	0.000121	-1.57E-21	-0.001323
-1.24E-23	-6.00E-06	-1.01E-21	
11	0.000122	-1.79E-21	-0.001311
-7.78E-25	-1.15E-05	-1.27E-21	
12	0.000125	-3.99E-21	-0.001215
8.12E-23	-5.15E-06	-1.13E-21	
13	0.000127	-4.61E-21	-0.001181
1.26E-22	3.33E-05	-2.15E-22	
14	0.000127	-4.59E-22	-0.001178
1.88E-22	4.91E-05	3.75E-22	
15	0.000129	-2.75E-21	-0.001214
1.88E-22	0.000138	3.60E-21	
16	0.000129	2.80E-21	-0.001498
1.88E-22	0.000240	7.38E-21	
17	0.000129	3.74E-21	-0.001541
1.88E-22	0.000249	7.70E-21	
18	0.000129	1.19E-20	-0.001894
1.88E-22	0.000285	9.35E-21	
19	0.000129	2.66E-20	-0.002341
1.88E-22	0.000286	9.45E-21	
20	.000000	.000000	.000000
.000000	.000000	.000000	.000000
21	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB02 ----- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	9.47E-05	2.51E-21	-0.001559
-1.47E-22	-0.000132	1.48E-23	
2	9.47E-05	2.54E-21	-0.001351
-1.47E-22	-0.000131	3.55E-23	
3	9.47E-05	2.57E-21	-0.001173
-1.47E-22	-0.000118	-4.96E-23	
4	9.47E-05	2.56E-21	-0.001152
-1.47E-22	-0.000115	-1.06E-22	
5	9.47E-05	2.16E-21	-0.000997
-1.47E-22	-7.64E-05	-7.47E-22	
6	9.59E-05	1.08E-21	-0.000974
-1.24E-22	-4.27E-05	-1.40E-21	
7	9.62E-05	1.50E-21	-0.000973
-1.19E-22	-3.67E-05	-1.50E-21	
8	9.76E-05	-3.97E-22	-0.000990
-8.32E-23	-5.79E-06	-1.06E-21	
9	0.000100	-1.06E-21	-0.001052
-1.89E-23	-1.04E-07	-5.94E-22	
10	0.000100	-1.20E-21	-0.001059
-9.73E-24	-4.33E-06	-7.97E-22	
11	0.000101	-1.37E-21	-0.001050
-6.11E-25	-8.58E-06	-1.00E-21	
12	0.000103	-3.10E-21	-0.000977
6.38E-23	-3.76E-06	-8.96E-22	
13	0.000105	-3.60E-21	-0.000949
9.91E-23	2.61E-05	-1.84E-22	
14	0.000105	-2.59E-21	-0.000947
1.08E-22	3.85E-05	2.77E-22	
15	0.000106	-2.16E-21	-0.000975
1.47E-22	0.000108	2.81E-21	
16	0.000106	2.18E-21	-0.001198
1.47E-22	0.000188	5.78E-21	
17	0.000106	2.92E-21	-0.001231
1.47E-22	0.000195	6.03E-21	
18	0.000106	9.34E-21	-0.001508
1.47E-22	0.000224	7.33E-21	
19	0.000106	2.09E-20	-0.001860
1.47E-22	0.000225	7.44E-21	
20	.000000	.000000	.000000
.000000	.000000	.000000	.000000
21	.000000	.000000	.000000
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:청도1교하행_P9_본체.OUT

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB SVB02 ----- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	9.47E-05	2.51E-21	-0.001559
-1.47E-22	-0.000132	1.48E-23	
2	9.47E-05	2.54E-21	-0.001351
-1.47E-22	-0.000131	3.55E-23	
3	9.47E-05	2.57E-21	-0.001173
-1.47E-22	-0.000118	-4.96E-23	
4	9.47E-05	2.56E-21	-0.001152
-1.47E-22	-0.000115	-1.06E-22	
5	9.47E-05	2.16E-21	-0.000997
-1.47E-22	-7.64E-05	-7.90E-22	
6	9.59E-05	1.08E-21	-0.000974
-1.24E-22	-4.27E-05	-1.40E-21	
7	9.62E-05	1.50E-21	-0.000973
-1.19E-22	-3.67E-05	-1.50E-21	
8	9.76E-05	-3.97E-22	-0.000990
-8.32E-23	-5.79E-06	-7.47E-22	
9	0.000100	-1.06E-21	-0.001052
-1.89E-23	-1.04E-07	-5.94E-22	
10	0.000100	-1.20E-21	-0.001059
-9.73E-24	-4.33E-06	-7.97E-22	
11	0.000101	-1.37E-21	-0.001050
-6.11E-25	-8.58E-06	-1.00E-21	
12	0.000103	-3.10E-21	-0.000977
6.38E-23	-3.76E-06	-8.96E-22	
13	0.000105	-3.60E-21	-0.000949
9.91E-23	2.61E-05	-1.84E-22	
14	0.000105	-2.59E-21	-0.000947
1.08E-22	3.85E-05	2.77E-22	
15	0.000106	-2.16E-21	-0.000975
1.47E-22	0.000108	2.81E-21	
16	0.000106	2.18E-21	-0.001198
1.47E-22	0.000188	5.78E-21	
17	0.000106	2.92E-21	-0.001231
1.47E-22	0.000195	6.03E-21	
18	0.000106	9.34E-21	-0.001508
1.47E-22	0.000224	7.33E-21	
19	0.000106	2.09E-20	-0.001860
1.47E-22	0.000225	7.44E-21	
20	.000000	.000000	.000000
.000000	.000000	.000000	.000000
21	.000000	.000000	.000000
.000000	.000000	.000000	

COMB SVB03 ----- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	9.47E-05	0.000830	-0.001559
-0.000107	-0.000132	-3.93E-06	
2	9.47E-05	0.000824	-0.001351
-0.000107	-0.000131	-3.90E-06	

3	9.47E-05	0.000820	-0.001173
-0.000107	-0.000118	-3.83E-06	
4	9.47E-05	0.000820	-0.001152
-0.000107	-0.000115	-3.81E-06	
5	9.47E-05	0.000816	-0.000997
-0.000107	-7.64E-05	-3.62E-06	
6	9.59E-05	0.000812	-0.000974
-0.000107	-4.27E-05	-3.48E-06	
7	9.62E-05	0.000812	-0.000973
-0.000107	-3.67E-05	-3.47E-06	
8	9.76E-05	0.000808	-0.000990
-0.000107	-5.79E-06	-3.45E-06	
9	0.001000	0.000803	-0.001052
-0.000107	-1.04E-07	-3.54E-06	
10	0.001000	0.000803	-0.001059
-0.000107	-4.33E-06	-3.55E-06	
11	0.001001	0.000802	-0.001050
-0.000107	-8.58E-06	-3.57E-06	
12	0.001003	0.000796	-0.000977
-0.000106	-3.76E-06	-3.65E-06	
13	0.001005	0.000793	-0.000949
-0.000106	2.61E-05	-3.60E-06	
14	0.001005	0.000792	-0.000947
-0.000106	3.85E-05	-3.58E-06	
15	0.001006	0.000788	-0.000975
-0.000106	0.001008	-3.37E-06	
16	0.001008	0.000785	-0.001198
-0.000106	0.001008	-3.19E-06	
17	0.001006	0.000785	-0.001231
-0.000106	0.001005	-3.18E-06	
18	0.001006	0.000782	-0.001508
-0.000106	0.000224	-3.11E-06	
19	0.001006	0.000777	-0.001860
-0.000106	0.000225	-3.08E-06	
20	0.000000	0.000000	.000000
.000000	.000000	.000000	.000000
21	.000000	.000000	.000000
.000000	.000000	.000000	.000000
Program	SAP2000	Nonlinear	Version 7.42
File:청도1교하형_P9_천체.OUT			

20	.000000	.000000	.000000	1.88E-22	0.000286	9.45E-21	-0.000827	2.61E-05	4.48E-06	-0.000947	13	0.000105	0.006742	-0.000949		
.000000	.000000	.000000	.000000	20	0.000000	.000000	.000000	14	0.000105	0.005951	-0.000932	2.61E-05	8.76E-07			
21	.000000	.000000	.000000	.000000	.000000	.000000	.000000	-0.000826	3.85E-05	5.03E-06	14	0.000105	0.006742	-0.000947		
.000000	.000000	.000000	.000000	21	0.000000	.000000	.000000	-0.000975	0.005955		-0.000932	3.85E-05	5.03E-06			
COMB	SVB06	-----	MAX	.000000	.000000	.000000	.000000	-0.000824	0.001008	7.88E-06	-0.000975	15	0.000106	0.006743	-0.000975	
				Program	SAP2000	Nonlinear	Version 7.42	16	0.000106	0.005968	-0.001198	-0.000930	0.000108	4.51E-06		
				File:청도1교하행_P9_본체.OUT				-0.000828	0.000188	1.04E-05		16	0.000106	0.006753	-0.001198	
								17	0.000106	0.005969	-0.001231	-0.000934	0.000188	7.26E-06		
								-0.000829	0.000195	1.07E-05		17	0.000106	0.006754	-0.001231	
-0.000829	-0.000170	-7.15E-06	-0.001971	15	0.000000	0.000594	-0.001508	18	0.000106	0.005984	-0.001508	-0.000934	0.000195	7.48E-06		
-0.000829	-0.000169	-7.15E-06	-0.001703	16	0.000000	0.000224	-0.000834	19	0.000106	0.000224	-0.001860	-0.000939	0.000106	0.006765	-0.001508	
3	0.000114	0.005954	-0.001474	19	0.000106	0.006001	-0.001860	20	0.000000	.000000	.000000	-0.000939	0.000224	8.35E-06		
-0.000827	4	0.0001153	-6.55E-06	20	0.000000	0.000000	.000000	-0.000834	0.000225	1.15E-05	-0.001860	19	0.000106	0.006778	-0.001860	
4	0.000114	0.005953	-0.001446	21	0.000000	.000000	.000000	20	0.000000	.000000	.000000	-0.000939	0.000225	8.38E-06		
-0.000826	5	-0.000149	-6.39E-06	21	0.000000	.000000	.000000	20	0.000000	.000000	.000000	20	0.000000	.000000	.000000	
5	0.000114	0.005945	-0.001247	21	0.000000	.000000	.000000	21	0.000000	.000000	.000000	.000000	0.000000	.000000	.000000	
-0.000824	6	-9.94E-05	-4.42E-06	COMB	SVB07	-----	MIN	COMB	SVB09	-----	MAX	Program	SAP2000	Nonlinear	Version 7.42	
6	0.000116	0.005943	-0.001215	JOINT	UX	UY	UZ	JOINT	UX	UY	UZ	File:청도1교하행_P9_본체.OUT				
-0.000825	7	-5.62E-05	-2.20E-06	1	0.000114	3.25E-21	-0.001971	1	9.47E-05	2.51E-21	-0.001559					
7	0.000116	0.005943	-0.001212	2	0.000114	3.28E-21	-0.001703	1	-0.000132	1.48E-23	-0.001351	Page	6-7	데이라파일 : 교각 본체		
-0.000826	8	-4.85E-05	-1.78E-06	2	0.000114	3.28E-21	-0.001703	2	9.47E-05	2.54E-21	-0.001351	18				
-0.000828	8	0.000118	0.005943	3	0.000114	3.30E-21	-0.001474	-1.47E-22	-0.000131	3.55E-23		JOINT	DISPLACEMENTS			
-0.000828	9	0.000121	0.005947	3	0.000114	3.30E-21	-0.001474	3	9.47E-05	2.57E-21	-0.001173	TRANSLATIONS AND ROTATIONS, IN GLOBAL				
-0.000831	9	-5.22E-07	1.32E-06	-1.88E-22	-0.000153	-8.10E-23	-0.001446	-1.47E-22	0.000118	-4.96E-23	-0.001152	COORDINATES				
10	0.000122	0.005948	-0.001323	-1.88E-22	0.000114	3.28E-21	-0.001446	4	9.47E-05	2.56E-21	-0.001152	COMB	SVB10	-----	MIN	
-0.000832	10	0.000122	0.005948	-1.88E-22	-0.000149	-1.54E-22	-0.001247	4	9.47E-05	2.56E-21	-0.001152	JOINT	UX	UY	UZ	
-0.000832	11	0.000122	0.005948	-1.88E-22	0.000114	3.28E-21	-0.001247	5	9.47E-05	2.56E-21	-0.001152	1	9.47E-05	0.006804	-0.001559	
-0.000831	11	-1.15E-05	1.38E-06	-1.88E-22	-0.000149	-1.54E-22	-0.001247	5	9.47E-05	2.56E-21	-0.001152	2	9.47E-05	0.006787	-0.001351	
-0.000831	12	0.000125	0.005948	-1.88E-22	0.000116	1.35E-21	-0.001215	6	9.47E-05	2.56E-21	-0.001152	3	9.47E-05	0.006774	-0.001173	
-0.000828	12	-1.55E-06	2.69E-06	-1.88E-22	0.000116	1.35E-21	-0.001215	6	9.47E-05	2.56E-21	-0.001152	4	9.47E-05	0.006772	-0.001152	
13	0.000127	0.005950	-0.001181	-1.58E-22	-5.62E-05	-1.81E-21	-0.001212	7	9.47E-05	2.56E-21	-0.001152	5	9.47E-05	0.006760	-0.000997	
-0.000827	13	3.33E-05	4.48E-06	-0.001181	0.000116	1.35E-21	-0.001212	7	9.47E-05	2.56E-21	-0.001152	6	9.47E-05	0.006755	-0.000974	
-0.000826	14	0.000127	0.005951	-0.001178	-1.51E-22	-4.85E-05	-1.94E-21	8	9.47E-05	2.56E-21	-0.001152	7	9.47E-05	0.006754	-0.000973	
-0.000826	14	4.91E-05	5.03E-06	-0.001178	8	0.000118	-5.61E-22	-0.001234	8	9.47E-05	2.56E-21	-0.001152	8	9.47E-05	0.006753	-0.000990
15	0.000129	0.005955	-0.001214	-1.06E-22	9	0.000121	-1.40E-21	-0.001313	8	9.47E-05	2.56E-21	-0.001152	9	9.47E-05	0.006751	-0.001052
-0.000824	16	0.000138	7.88E-06	-0.001498	-2.40E-23	-5.22E-07	-7.46E-22	-0.001313	9	9.47E-05	2.56E-21	-0.001152	10	9.47E-05	0.006751	-0.001059
-0.000828	16	0.000138	7.88E-06	-0.001498	10	0.000127	-4.61E-21	-0.001313	10	9.47E-05	2.56E-21	-0.001152	10	9.47E-05	0.006751	-0.001059
-0.000828	17	0.000129	0.005969	-0.001541	-1.24E-23	-6.00E-06	-1.01E-21	-0.001313	10	9.47E-05	2.56E-21	-0.001152	11	9.47E-05	0.006750	-0.001050
-0.000829	17	0.000129	0.005969	-0.001541	11	0.000122	-1.79E-21	-0.001313	11	9.47E-05	2.56E-21	-0.001152	11	9.47E-05	0.006750	-0.001050
-0.000829	18	0.000129	0.005984	-0.001894	-7.78E-25	-1.15E-05	-1.72E-21	-0.001313	11	9.47E-05	2.56E-21	-0.001152	12	9.47E-05	0.006750	-0.001050
-0.000834	18	0.000129	0.005984	-0.001894	12	0.000125	-3.99E-21	-0.001313	12	9.47E-05	2.56E-21	-0.001152	12	9.47E-05	0.006750	-0.001050
-0.000834	19	0.000129	0.006001	-0.002341	8.12E-23	-5.15E-06	-1.13E-21	-0.001181	12	9.47E-05	2.56E-21	-0.001152	13	9.47E-05	0.006750	-0.001050
-0.000834	19	0.000129	0.006001	-0.002341	13	0.000127	-4.61E-21	-0.001181	13	9.47E-05	2.56E-21	-0.001152	13	9.47E-05	0.006750	-0.001050
20	0.000000	.000000	.000000	1.26E-22	3.33E-05	-2.15E-22	-0.001178	14	9.47E-05	2.56E-21	-0.001152	14	9.47E-05	0.006750	-0.001050	
.000000	.000000	.000000	.000000	14	0.000127	-4.59E-21	-0.001178	14	9.47E-05	2.56E-21	-0.001152	14	9.47E-05	0.006750	-0.001050	
.000000	.000000	.000000	.000000	15	0.000129	-2.75E-21	-0.001214	15	9.47E-05	2.56E-21	-0.001152	15	9.47E-05	0.006750	-0.001050	
Program	SAP2000	Nonlinear	Version 7.42	1.88E-22	0.000136	3.60E-21	-0.001498	15	9.47E-05	2.56E-21	-0.001152	15	9.47E-05	0.006750	-0.001050	
File:청도1교하행_P9_본체.OUT				16	0.000129	2.80E-21	-0.001498	16	9.47E-05	2.56E-21	-0.001152	16	9.47E-05	0.006750	-0.001050	
				1.88E-22	0.000240	7.38E-21	-0.001541	16	9.47E-05	2.56E-21	-0.001152	16	9.47E-05	0.006750	-0.001050	
				17	0.000129	3.74E-21	-0.001541	17	9.47E-05	2.56E-21	-0.001152	17	9.47E-05	0.006750	-0.001050	
				1.88E-22	0.000249	7.70E-21	-0.001894	17	9.47E-05	2.56E-21	-0.001152	17	9.47E-05	0.006750	-0.001050	
				18	0.000129	1.19E-20	-0.001894	18	9.47E-05	2.56E-21	-0.001152	18	9.47E-05	0.006750	-0.001050	
				1.88E-22	0.000285	9.35E-21	-0.002341	18	9.47E-05	2.56E-21	-0.001152	18	9.47E-05	0.006750	-0.001050	
				19	0.000129	2.66E-20	-0.002341	19	9.47E-05	2.56E-21	-0.001152	19	9.47E-05	0.006750	-0.001050	
				1.88E-22	0.000286	9.45E-21	-0.002341	19	9.47E-05	2.56E-21	-0.001152	19	9.47E-05	0.006750	-0.001050	
				20	0.000000	.000000	.000000	20	9.47E-05	2.56E-21	-0.001152	20	9.47E-05	0.006750	-0.001050	
				.000000	.000000	.000000	.000000	20	9.47E-05	2.56E-21	-0.001152	20	9.47E-05	0.006750	-0.001050	
				.000000	.000000	.000000	.000000	21	9.47E-05	2.56E-21	-0.001152	21	9.47E-05	0.006750	-0.001050	
				.000000	.000000	.000000	.000000	21	9.47E-05	2.56E-21	-0.001152	21	9.47E-05	0.006750	-0.001050	
				COMB	SVB06	-----	MIN	COMB	SVB08	-----	MAX	Program	SAP2000	Nonlinear	Version 7.42	
				JOINT	UX	UY	UZ	JOINT	UX	UY	UZ	File:청도1교하행_P9_본체.OUT				
				1	0.000114	0.005974	-0.001971	1	9.47E-05	2.51E-21	-0.001559					
				-0.000829	-0.000170	-7.15E-06	-0.001703	-0.000829	-0.000132	-7.15E-06	-0.001351	Page	6-7	데이라파일 : 교각 본체		
				-0.000829	-0.000169	-7.15E-06	-0.001703	-0.000829	-0.000131	-7.15E-06	-0.001351	18				
				3	0.000114	0.005954	-0.001474	-0.000829	-0.000131	-7.15E-06	-0.001351	JOINT	DISPLACEMENTS			
				-0.000827	4	0.0001153	-6.55E-06	-0.000827	-0.000118	-4.96E-23	-0.001152	TRANSLATIONS AND ROTATIONS, IN GLOBAL				
				4	0.000114	0.005953	-0.001446	-0.000827	-0.000118	-4.96E-23	-0.001152	COORDINATES				
				5	-0.000149	-6.39E-06	-0.001247	-0.000826	-0.000115	-6.39E-06	-0.000997	COMB	SVB09	-----	MIN	
				-0.000824	5	-9.94E-05	-4.42E-06	-0.000824	-0.000115	-6.39E-06	-0.000997	JOINT	UX	UY	UZ	
				6	0.000116	0.005943	-0.001215	-0.000824	-0.000115	-6.39E-06	-0.000997	1	9.47E-05	0.006804	-0.001559	
				-0.000825	6	-5.62E-05	-2.20E-06	-0.000825	-0.000115	-6.39E-06	-0.000997	2	9.47E-05	0.006787	-0.001351	
				7	0.000116	0.005943	-0.001212	-0.000825	-0.000115	-6.39E-06	-0.000997	3	9.47E-05	0.006774	-0.001173	
				-0.000826	7	-4.85E-05	-1.78E-06	-0.000826	-0.000115	-6.39E-06	-0.000997	4	9.47E-05	0.006772	-0.001152	
				-0.000828	8	0.00										

7 9.62E-05 0.000812 -0.000973				-5.37E-05 -5.62E-05 -1.74E-06				RX RY RZ				JOINT RX UX RY UZ			
-0.000107 8 -3.67E-05 -0.000808	-5.37E-05 7 0.000116 0.000406	-0.000883 1 9.47E-05 0.006389	-0.001559 1 0.000165 4.86E-21												
-0.000107 8 -5.79E-06 -0.000808	-5.37E-05 7 -4.85E-05 -1.73E-06	-0.000883 1 -0.000132 -9.12E-06	-2.78E-22 1 0.000165 4.22E-24												
-0.000107 9 -3.76E-06 -3.54E-06	-5.35E-05 8 0.000118 0.000404	-0.000883 2 9.47E-05 0.006375	-2.78E-22 2 0.000165 4.88E-21												
-0.000107 9 -1.04E-07 -3.54E-06	-5.35E-05 9 -8.32E-06 -1.72E-06	-0.000883 2 -0.000131 -9.10E-06	-2.78E-22 2 0.000165 3.11E-23												
-0.000107 10 0.000100 0.000803	-5.33E-05 9 0.000121 0.000402	-0.000880 3 9.47E-05 0.006364	-2.78E-22 3 0.000165 4.90E-21												
-0.000107 10 -4.33E-06 -3.55E-06	-5.33E-05 10 0.000121 0.000401	-0.000880 3 -0.000118 -8.46E-06	-2.78E-22 3 0.000165 4.90E-21												
-0.000107 11 0.000101 0.000802	-5.33E-05 10 -6.00E-06 -1.78E-06	-0.000880 4 9.47E-05 0.006362	-2.78E-22 4 0.000165 -1.32E-22												
-0.000107 11 -5.8E-06 -3.57E-06	-5.33E-05 11 0.000122 0.000401	-0.000880 4 -0.000115 -8.29E-06	-2.78E-22 4 0.000165 4.88E-21												
-0.000107 12 0.000103 0.000796	-5.33E-05 11 -1.15E-05 -1.78E-06	-0.000878 5 9.47E-05 0.006352	-2.78E-22 5 0.000165 -2.40E-22												
-0.000106 12 -3.76E-06 -3.65E-06	-5.31E-05 12 0.000125 0.000398	-0.000878 5 9.59E-05 0.006349	-2.78E-22 5 0.000165 4.08E-21												
-0.000106 13 0.000105 0.000793	-5.31E-05 12 -5.15E-06 -1.82E-06	-0.000879 6 9.62E-05 0.006349	-2.78E-22 6 0.000167 -1.54E-21												
-0.000106 13 2.61E-05 -3.60E-06	-5.30E-05 13 0.000127 0.000396	-0.000879 6 9.62E-05 0.006349	-2.78E-22 6 0.000167 1.98E-21												
-0.000106 14 0.000105 0.000792	-5.30E-05 14 3.33E-05 -1.80E-06	-0.000879 7 -3.67E-05 -1.73E-06	-2.78E-22 7 0.000168 1.39E-20												
-0.000106 14 3.85E-05 -3.58E-06	-5.29E-05 14 0.000127 0.000396	-0.000879 7 9.76E-05 0.006348	-2.78E-22 7 0.000170 -2.71E-21												
-0.000106 15 0.000106 0.000788	-5.29E-05 15 4.91E-05 -1.79E-06	-0.000881 8 9.76E-05 0.006348	-2.78E-22 7 0.000170 -2.71E-21												
-0.000106 15 -3.85E-06 -3.58E-06	-5.28E-05 15 0.000129 0.000394	-0.000881 8 9.76E-05 0.006348	-2.78E-22 7 0.000170 -2.71E-21												
-0.000106 16 0.000108 -3.37E-06	-5.28E-05 16 0.000138 -1.68E-06	-0.000881 8 9.76E-05 0.006348	-2.78E-22 7 0.000170 -2.71E-21												
-0.000106 16 0.000106 0.000785	-5.28E-05 16 0.000138 -1.68E-06	-0.000881 8 9.76E-05 0.006348	-2.78E-22 7 0.000170 -2.71E-21												
-0.000106 16 0.000188 -3.19E-06	-5.28E-05 16 0.000129 0.000392	-0.000881 8 9.76E-05 0.006348	-2.78E-22 7 0.000170 -2.71E-21												
-0.000106 17 0.000106 0.000785	-5.28E-05 17 0.000129 0.000392	-0.000881 8 9.76E-05 0.006348	-2.78E-22 7 0.000170 -2.71E-21												
-0.000106 17 0.000195 -3.18E-06	-5.28E-05 17 0.000129 0.000392	-0.000881 8 9.76E-05 0.006348	-2.78E-22 7 0.000170 -2.71E-21												
-0.000106 18 0.000106 0.000782	-5.28E-05 18 0.000249 -1.59E-06	-0.000881 8 9.76E-05 0.006348	-2.78E-22 7 0.000170 -2.71E-21												
-0.000106 18 -3.76E-06 -3.54E-06	-5.28E-05 18 0.000138 -1.68E-06	-0.000881 8 9.76E-05 0.006348	-2.78E-22 7 0.000170 -2.71E-21												
-0.000106 19 0.000106 0.000777	-5.28E-05 19 0.000285 -1.55E-06	-0.000881 8 9.76E-05 0.006348	-2.78E-22 7 0.000170 -2.71E-21												
-0.000106 20 0.000225 -3.08E-06	-5.28E-05 19 0.000129 0.000389	-0.000881 8 9.76E-05 0.006348	-2.78E-22 7 0.000170 -2.71E-21												
.000000 .000000 .000000 .000000	-5.28E-05 20 0.000286 -1.54E-06	-0.000881 8 9.76E-05 0.006348	-2.78E-22 7 0.000170 -2.71E-21												
.000000 .000000 .000000 .000000	-5.28E-05 20 0.000000 0.000000	-0.000881 8 9.76E-05 0.006348	-2.78E-22 7 0.000170 -2.71E-21												
.000000 .000000 .000000 .000000	.000000 .000000 .000000 .000000	-0.000881 8 9.76E-05 0.006348	-2.78E-22 7 0.000170 -2.71E-21												
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COMB SVB12 ----- MAX	Program SAP2000 Nonlinear Version 7.42	File:청도교하행_P9_본체.OUT													
JOINT RX UX RY UZ				Page				Page				Page			
-0.000883 1 0.000114 0.006389	-0.000883 1 0.000114 0.006389	-0.000883 1 0.000114 0.006389	-0.000883 1 0.000114 0.006389												
-0.000883 2 0.000114 0.006375	-0.000883 2 0.000114 0.006375	-0.000883 2 0.000114 0.006375	-0.000883 2 0.000114 0.006375												
-0.000883 3 0.000114 0.006364	-0.000883 3 0.000114 0.006364	-0.000883 3 0.000114 0.006364	-0.000883 3 0.000114 0.006364												
-0.000880 4 0.000114 0.006362	-0.000880 4 0.000114 0.006362	-0.000880 4 0.000114 0.006362	-0.000880 4 0.000114 0.006362												
-0.000880 5 0.000114 0.006352	-0.000880 5 0.000114 0.006352	-0.000880 5 0.000114 0.006352	-0.000880 5 0.000114 0.006352												
-0.000878 6 0.000116 0.006349	-0.000878 6 0.000116 0.006349	-0.000878 6 0.000116 0.006349	-0.000878 6 0.000116 0.006349												
-0.000879 7 0.000116 0.006349	-0.000879 7 0.000116 0.006349	-0.000879 7 0.000116 0.006349	-0.000879 7 0.000116 0.006349												
-0.000879 8 0.000118 0.006348	-0.000879 8 0.000118 0.006348	-0.000879 8 0.000118 0.006348	-0.000879 8 0.000118 0.006348												
-0.000881 9 -3.2E-06 -1.72E-06	-0.000881 9 -3.2E-06 -1.72E-06	-0.000881 9 -3.2E-06 -1.72E-06	-0.000881 9 -3.2E-06 -1.72E-06												
-0.000885 9 0.000121 0.006349	-0.000885 9 0.000121 0.006349	-0.000885 9 0.000121 0.006349	-0.000885 9 0.000121 0.006349												
-0.000885 10 -5.22E-07 -4.49E-07	-0.000885 10 -5.22E-07 -4.49E-07	-0.000885 10 -5.22E-07 -4.49E-07	-0.000885 10 -5.22E-07 -4.49E-07												
-0.000885 10 0.000121 0.006349	-0.000885 10 0.000121 0.006349	-0.000885 10 0.000121 0.006349	-0.000885 10 0.000121 0.006349												
-0.000885 11 -6.00E-06 -4.27E-07	-0.000885 11 -6.00E-06 -4.27E-07	-0.000885 11 -6.00E-06 -4.27E-07	-0.000885 11 -6.00E-06 -4.27E-07												
-0.000885 11 0.000122 0.006349	-0.000885 11 0.000122 0.006349	-0.000885 11 0.000122 0.006349	-0.000885 11 0.000122 0.006349												
-0.000885 12 -1.15E-05 -4.06E-07	-0.000885 12 -1.15E-05 -4.06E-07	-0.000885 12 -1.15E-05 -4.06E-07	-0.000885 12 -1.15E-05 -4.06E-07												
-0.000885 12 0.000125 0.006346	-0.000885 12 0.000125 0.006346	-0.000885 12 0.000125 0.006346	-0.000885 12 0.000125 0.006346												
-0.000881 13 -5.15E-06 8.70E-07	-0.000881 13 -5.15E-06 8.70E-07	-0.000881 13 -5.15E-06 8.70E-07	-0.000881 13 -5.15E-06 8.70E-07												
-0.000879 13 0.000127 0.006346	-0.000879 13 0.000127 0.006346	-0.000879 13 0.000127 0.006346	-0.000879 13 0.000127 0.006346												
-0.000879 14 3.33E-05 2.68E-06	-0.000879 14 3.33E-05 2.68E-06	-0.000879 14 3.33E-05 2.68E-06	-0.000879 14 3.33E-05 2.68E-06												
-0.000879 14 0.000127 0.006346	-0.000879 14 0.000127 0.006346	-0.000879 14 0.000127 0.006346	-0.000879 14 0.000127 0.006346												
-0.000879 15 4.91E-05 3.24E-06	-0.000879 15 4.91E-05 3.24E-06	-0.000879 15 4.91E-05 3.24E-06	-0.000879 15 4.91E-05 3.24E-06												
-0.000877 15 0.000129 0.006349	-0.000877 15 0.000129 0.006349	-0.000877 15 0.000129 0.006349	-0.000877 15 0.000129 0.006349												
-0.000877 16 0.000129 0.006360	-0.000877 16 0.000129 0.006360	-0.000877 16 0.000129 0.006360	-0.000877 16 0.000129 0.006360												
-0.000881 18 0.000129 0.006362	-0.000881 18 0.000129 0.006362	-0.000881 18 0.000129 0.006362	-0.000881 18 0.000129 0.006362												
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-0.000881 17 0.000129 0.006362	-0.000881 17 0.000129 0.006362	-0.000881 17 0.000129 0.006362	-0.000881 17 0.000129 0.006362												
-0.000882 17 0.000249 9.07E-06	-0.000882 17 0.000249 9.07E-06	-0.000882 17 0.000249 9.07E-06	-0.000882 17 0.000249 9.07E-06												
-0.000882 18 0.000129 0.006374	-0.000882 18 0.000129 0.006374	-0.000882 18 0.000129 0.006374	-0.000882 18 0.000129 0.006374												
-0.000886 18 0.000285 9.91E-06	-0.000886 18 0.000285 9.91E-06	-0.000886 18 0.000285 9.91E-06	-0.000886 18 0.000285 9.91E-06												
-0.000886 19 0.000129 0.006380	-0.000886 19 0.000129 0.006380	-0.000886 19 0.000129 0.006380	-0.000886 19 0.000129 0.006380												
-0.000886 20 0.000286 9.92E-06	-0.000886 20 0.000286 9.92E-06	-0.000886 20 0.000286 9.92E-06	-0.000886 20 0.000286 9.92E-06												
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COMB SVB12 ----- MIN	Program SAP2000 Nonlinear Version 7.42	File:청도교하행_P9_본체.OUT													
JOINT RX UX RY UZ				Page				Page				Page			
-0.000883 1 0.000114 0.006389	-0.000883 1 0.000114 0.006389	-0.000883 1 0.000114 0.006389	-0.000883 1 0.000114 0.006389												
-0.000883 2 0.000114 0.006375	-0.000883 2 0.000114 0.006375	-0.000883 2 0.000114 0.006375	-0.000883 2 0.000114 0.006375												
-0.000883 3 0.000114 0.006364	-0.000883 3 0.000114 0.006364	-0.000883 3 0.000114 0.006364	-0.000883 3 0.000114 0.006364												
-0.000880 4 0.000114 0.006362	-0.000880 4 0.000114 0.006362	-0.000880 4 0.000114 0.006362	-0.000880 4 0.000114 0.006362												
-0.000880 5 0.000114 0.006352	-0.000880 5 0.000114 0.006352	-0.000880 5 0.000114 0.006352	-0.000880 5 0.000114 0.006352												
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-0.000879 7 0.000116 0.006349	-0.000879 7 0.000116 0.006349	-0.000879 7 0.000116 0.006349	-0.000879 7 0.000116 0.006349												
-0.000879 8 0.000118 0.006348	-0.000879 8 0.000118 0.006348	-0.000879 8 0.000118 0.006348	-0.000879 8 0.000118 0.006348												
-0.000881 9 -3.2E-06 -1.72E-06	-0.000881 9 -3.2E-06 -1.72E-06	-0.000881 9 -3.2E-06 -1.72E-06	-0.000881 9 -3.2E-06 -1.72E-06												
-0.000885 9 0.000121 0.006349	-0.000885 9 0.000121 0.006349	-0.000885 9 0.000121 0.006349	-0.000885 9 0.000121 0.006349												
-0.000885 10 -5.22E-07 -4.49E-07	-0.000885 10 -5.22E-07 -4.49E-07	-0.000885 10 -5.22E-07 -4.49E-07	-0.000885 10 -5.22E-07 -4.49E-07												
-0.000885 10 0.000121 0.006349	-0.000885 10 0.000121 0.006349	-0.000885 10 0.000121 0.006349	-0.000885 10 0.000121 0.006349												
-0.000885 11 -6.00E-06 -4.27E-07	-0.000885 11 -6.00E-06 -4.27E-07	-0.000885 11 -6.00E-06 -4.27E-07	-0.000885 11 -6.00E-06 -4.27E-07												
-0.000885 11 0.000122 0.006349	-0.000885 11 0.000122 0.006349	-0.000885 11 0.000122 0.006349	-0.000885 11 0.000122 0.006349												
-0.000885 12 -1.15E-05 -4.06E-07	-0.000885 12 -1.15E-05 -4.06E-07	-0.000885 12 -1.15E-05 -4.06E-07	-0.000885 12 -1.15E-05 -4.06E-07												
-0.000885 12 0.000125 0.006346	-0.000885 12 0.000125 0.006346	-0.000885 12 0.000125 0.006346	-0.000885 12 0.000125 0.006346												
-0.000881 13 -5.15E-06 8.70E-07	-0.000881 13 -5.15E-06 8.70E-07	-0.000881 13 -5.15E-06 8.70E-07	-0.000881 13 -5.15E-06 8.70E-07												
-0.000879 13 0.000127 0.006346	-0.000879 13 0.000127 0.006346	-0.000879 13 0.000127 0.006346	-0.000879 13 0.000127 0.006346												
-0.000879 14 3.33E-05 2.68E-06	-0.000879 14 3.33E-05 2.68E-06	-0.000879 14 3.33E-05 2.68E-06	-0.000879 14 3.33E-05 2.68E-06												
-0.000879 14 0.000127 0.006346	-0.000879 14 0.000127 0.006346	-0.000879 14 0.000127 0.006346	-0.000879 14 0.000127 0.006346												
-0.000879 15 4.91E-05 3.24E-06	-0.000879 15 4.91E-05 3.24E-06	-0.000879 15 4.91E-05 3.24E-06	-0.000879 15 4.91E-05 3.24E-06												
-0.000877 15 0.000129 0.006349	-0.000877 15 0.000129 0.006349	-0.000877 15 0.000129 0.006349	-0.000877 15 0.000129 0.006349												
-0.000877 16 0.000129 0.006360	-0.000877 16 0.000129 0.006360	-0.000877 16 0.000129 0.006360	-0.000877 16 0.000129 0.006360												
-0.000881 18 0.000129 0.006362	-0.000881 18 0.000129 0.006362	-0.000881 18 0.00													

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 ULB02 ----- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000123	3.26E-21	-0.002026
2	0.000172	1.92E-23	
2	0.000123	3.31E-21	-0.001756
2	-0.000171	4.61E-23	
3	0.000123	3.34E-21	-0.001525
3	-0.000153	-6.45E-23	
-0.000123	3.33E-21	-0.001497	
4	0.000149	-1.38E-22	
5	0.000123	2.81E-21	-0.001297
5	-9.93E-05	-1.03E-21	
6	0.000125	1.40E-21	-0.001266
6	-5.55E-05	-1.82E-21	
7	0.000125	9.81E-22	-0.001264
7	-4.77E-05	-1.71E-21	
8	0.000127	-5.16E-22	-0.001288
8	-7.53E-06	-9.71E-22	
9	0.000130	-1.38E-21	-0.001367
9	-1.36E-07	-7.72E-22	
10	0.000130	-1.55E-21	-0.001377
10	-3.40E-05	-1.04E-21	
11	0.000131	-1.79E-21	-0.001365
11	-1.11E-05	-1.30E-21	
12	0.000134	-4.03E-21	-0.001270
12	-4.89E-06	-1.16E-21	
13	0.000136	-4.68E-21	-0.001234
13	-4.00E-05	-2.39E-22	
14	0.000136	-4.66E-21	-0.001231
14	5.00E-05	3.60E-22	
15	0.000138	-2.81E-21	-0.001267
15	0.000140	3.65E-21	
16	0.000138	6.83E-21	-0.001557
16	0.000122	7.52E-21	
17	0.000138	3.79E-21	-0.001601
17	0.000254	7.84E-21	
18	0.000138	1.21E-20	-0.001961
18	0.000291	9.53E-21	
19	0.000138	2.1E-20	-0.002419
19	0.000228	9.87E-21	
20	0.000000	0.000000	0.000000
20	0.000000	0.000000	0.000000
21	0.000000	0.000000	0.000000
21	0.000000	0.000000	0.000000

COMB ULB03 ----- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000123	0.001079	-0.002026
1	-0.01E-06	-0.001071	
2	0.000123	0.001071	-0.001756
2	-0.000171	-5.08E-06	
3	0.000123	0.001066	-0.001525
3	-0.000153	-4.97E-06	
-0.000140	0.001065	-0.001497	
4	0.000149	-4.95E-06	
-0.000140	0.001060	-0.001297	
5	0.000123	0.001060	
-0.000140	-9.93E-05	-4.71E-06	
6	0.000125	0.001056	-0.001266
6	-5.55E-05	-4.53E-06	
7	0.000125	0.001055	-0.001264
7	-5.11E-06	-4.51E-06	
-0.000140	0.000127	0.001051	-0.001288
8	0.000127	0.001051	
-0.000139	-7.53E-06	-4.48E-06	
9	0.000130	0.001044	-0.001367
-0.000139	-1.36E-07	-4.60E-06	
10	0.000130	0.001043	-0.001377
-0.000139	-6.83E-06	-4.62E-06	
11	0.000131	0.001043	-0.001365
-0.000139	-1.11E-05	-4.64E-06	
12	0.000134	0.001035	-0.001270
-0.000138	-4.89E-06	-4.74E-06	
13	0.000136	0.001030	-0.001234
-0.000138	-4.89E-06	-4.80E-06	
14	0.000136	0.001029	-0.001231
-0.000138	5.00E-05	-4.65E-06	
15	0.000138	0.001024	-0.001267
-0.000137	0.000140	-4.38E-06	
16	0.000138	0.001020	-0.001557
-0.000137	0.000245	-4.15E-06	
17	0.000138	0.001020	-0.001601
-0.000137	0.000254	-4.13E-06	
18	0.000138	0.001016	-0.001961
-0.000137	0.000291	-4.04E-06	
19	0.000138	0.001010	-0.002419
-0.000137	0.000293	-4.00E-06	
20	0.000000	0.000000	0.000000
20	0.000000	0.000000	0.000000
21	0.000000	0.000000	0.000000
21	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 ULB03 ----- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000123	0.001079	-0.002026
1	-0.000172	-5.11E-06	
2	0.000123	0.001071	-0.001756
2	-0.000171	-5.08E-06	
3	0.000123	0.001066	-0.001525
-0.000140	-0.000153	-4.97E-06	
4	0.000123	0.001065	-0.001497
-0.000140	-0.000149	-4.95E-06	
5	0.000123	0.001060	-0.001297
5	-9.93E-05	-4.71E-06	
-0.000140	0.000125	0.001056	-0.001266
6	-5.55E-05	-4.53E-06	
7	0.000125	0.001055	-0.001264
7	-4.77E-05	-4.51E-06	
-0.000140	0.000127	0.001051	-0.001288
8	0.000127	0.001051	
-0.000139	-7.53E-06	-4.48E-06	
9	0.000130	0.001044	-0.001367
-0.000139	-1.36E-07	-4.60E-06	
10	0.000130	0.001043	-0.001377
-0.000139	-6.83E-06	-4.62E-06	
11	0.000131	0.001043	-0.001365
-0.000139	-1.11E-05	-4.64E-06	
12	0.000134	0.001035	-0.001270
-0.000138	-4.89E-06	-4.74E-06	
13	0.000136	0.001030	-0.001234
-0.000138	3.40E-05	-4.68E-06	
14	0.000136	0.001029	-0.001231
-0.000138	5.00E-05	-4.65E-06	
15	0.000138	0.001024	-0.001267
-0.000137	0.000140	-4.38E-06	
16	0.000138	0.001020	-0.001557
-0.000137	0.000245	-4.15E-06	

17	0.000138	0.001020	-0.001601
-0.000137	0.000254	-4.13E-06	
18	0.000138	0.001016	-0.001961
-0.000137	0.000291	-4.04E-06	
19	0.000138	0.001010	-0.002419
-0.000137	0.000293	-4.00E-06	
20	0.000000	0.000000	0.000000
20	0.000000	0.000000	0.000000
21	0.000000	0.000000	0.000000
21	0.000000	0.000000	0.000000

COMB ULB04 ----- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000148	0.000540	-0.002562
1	-6.99E-05	-0.000221	-2.55E-06
2	0.000148	0.000536	-0.002214
2	-6.99E-05	-0.000220	-2.54E-06
3	0.000148	0.000533	-0.001917
3	-6.99E-05	-0.000198	-2.49E-06
4	0.000148	0.000533	-0.001880
4	-6.99E-05	-0.000193	-2.48E-06
5	0.000148	0.000530	-0.001621
5	-6.99E-05	-0.000129	-2.36E-06
6	0.000150	0.000528	-0.001579
6	-6.98E-05	-7.30E-05	-2.26E-06
7	0.000151	0.000522	-0.001576
7	-6.98E-05	-6.30E-05	-2.25E-06
8	0.000153	0.000525	-0.001604
8	-6.96E-05	-1.08E-05	-2.24E-06
9	0.000157	0.000522	-0.001707
9	-6.93E-05	-6.78E-07	-2.30E-06
10	0.000158	0.000518	-0.001719
10	-6.93E-05	-7.80E-06	-2.31E-06
11	0.000158	0.000521	-0.001704
11	-6.93E-05	-1.50E-05	-2.32E-06
12	0.000162	0.000518	-0.001580
12	-6.90E-05	-6.69E-06	-2.37E-06
13	0.000165	0.000515	-0.001535
13	-6.88E-05	4.33E-05	-2.34E-06
14	0.000165	0.000515	-0.001531
14	0.000168	6.38E-05	-2.32E-06
15	0.000168	0.000512	-0.001578
15	-6.86E-05	0.000179	-2.19E-06
16	0.000168	0.000510	-0.001948
16	-6.86E-05	0.000148	-2.07E-06
17	0.000168	0.000508	-0.002003
17	-6.86E-05	0.000323	-2.07E-06
18	0.000168	0.000508	-0.002462
18	-6.86E-05	0.000370	-2.02E-06
19	0.000168	0.000505	-0.003044
19	-6.86E-05	0.000168	-2.00E-06
20	0.000000	0.000000	0.000000
20	0.000000	0.000000	0.000000
21	0.000000	0.000000	0.000000
21	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 ULB04 ----- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000148	0.000540	-0.002562
1	-6.99E-05	-0.000221	-2.55E-06
2	0.000148	0.000536	-0.002214
2	-6.99E-05	-0.000220	-2.54E-06
3	0.000148	0.000533	-0.001917
3	-6.99E-05	-0.000198	-2.49E-06
4	0.000148	0.000533	-0.001880
4	-6.99E-05	-0.000193	-2.48E-06
5	0.000148	0.000530	-0.001621
5	-6.99E-05	-0.000129	-2.36E-06
6	0.000150	0.000528	-0.001579
6	-6.98E-05	-7.30E-05	-2.26E-06
7	0.000151	0.000522	-0.001576
7	-6.98E-05	-6.30E-05	-2.25E-06
8	0.000153	0.000525	-0.001604
8	-6.96E-05	-1.08E-05	-2.24E-06
9	0.000157	0.000522	-0.001707
9	-6.93E-05	-6.78E-07	-2.30E-06
10	0.000158	0.000518	-0.001719
10	-6.93E-05	-7.80E-06	-2.31E-06
11	0.000158	0.000521	-0.001704
11	-6.93E-05	-1.50E-05	-2.32E-06
12	0.000162	0.000518	-0.001580
12	-6.90E-05	-6.69E-06	-2.37E-06
13	0.000165	0.000515	-0.001535
13	-6.88E-05	4.33E-05	-2.34E-06
14	0.000165	0.000515	-0.001531
14	-6.88E-05	6.38E-05	-2.32E-06
15	0.000168	0.000512	-0.001578
15	-6.86E-05	0.000179	-2.19E-06
16	0.000168	0.000510	-0.001948
16	-6.86E-05	0.000148	-2.07E-06
17	0.000168	0.000510	-0.002003
17	-6.86E-05	0.000323	-2.07E-06
18	0.000168	0.000508	-0.002462
18	-6.86E-05	0.000370	-2.02E-06
19	0.000168	0.000505	-0.003044
19	-6.86E-05	0.000168	-2.00E-06
20	0.000000	0.000000	0.000000
20	0.000000	0.000000	0.000000
21	0.000000	0.000000	0.000000
21	0.000000	0.000000	0.000000

COMB ULB05 ----- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
	0.000123	0.000540	-0.002026
-6.99E-05	-0.000172	-2.55E-06	
	0.000123	0.000536	-0.001756
-6.99E-05	-0.000171	-2.54E-06	
3	0.000123	0.000533	-0.001525
-6.99E-05	-0.000153	-2.49E-06	
4	0.000123	0.000533	-0.001497
-6.99E-05	-0.000149	-2.48E-06	
	0.000123	0.000530	-0.001297
-6.99E-05	-9.53E-06	-1.03E-21	
6	0.000125	0.000528	-0.001266
-6.98E-05	-5.55E-05	-2.26E-06	
7	0.000125	0.000528	-0.001264
-6.98E-05	-4.77E-05	-2.25E-06	
8	0.000127	0.000525	-0.001288
-6.96E-05	-7.53E-06	-2.25E-06	
9	0.000130	0.000522	-0.001367
-6.93E-05	-1.36E-07	-2.30E-06	
10	0.000130	0.000522	-0.001377
-6.93E-05	-5.63E-06	-2.31E-06	
11	0.000131	0.000521	-0.001365
-6.93E-05	-1.11E-05	-2.32E-06	
12	0.000134	0.000518	-0.001270
-6.90E-05	-4.89E-06	-2.37E-06	
13	0.000136	0.000515	-0.001234
-6.88E-05	3.40E-05	-2.34E-06	
14	0.000136	0.000515	-0.001231
-6.88E-05	5.00E-05	-2.32E-06	
15	0.000138	0.000512	-0.001267
-6.86E-05	0.000140	-2.19E-06	
16	0.000138	0.000510	-0.001557

10 0.000130 0.007732 -0.001377
-0.001081 -5.63E-06 1.75E-06 0.000131 0.007732
11 0.000131 0.007732 -0.001365
-0.001081 -1.11E-05 1.79E-06 0.000131 0.007732
12 0.000134 0.007732 -0.001270
-0.001077 -4.89E-06 3.50E-06 0.000134 0.007735
13 0.000136 0.007735 -0.001234
-0.001074 3.40E-05 5.82E-06 0.000136 0.007736
14 0.000136 0.007736 -0.001231
-0.001074 6.53E-06 1.72E-06 0.000136 0.007742
15 0.000138 0.007742 -0.001267
-0.001071 0.000140 1.02E-05 0.000138 0.007758
16 0.000138 0.007758 -0.001557
-0.001077 0.000245 1.36E-05 0.000138 0.007760
17 0.000138 0.007760 -0.001601
-0.001078 0.000254 1.39E-05 0.000138 0.007779
18 0.000138 0.007779 -0.001961
-0.001084 0.000291 1.49E-05 0.000138 0.007802
19 0.000138 0.007802 -0.002419
-0.001084 0.000293 1.49E-05 0.000000 0.000000
20 0.000000 0.000000 0.000000 0.000000 0.000000
.000000 .000000 .000000 .000000 .000000
21 .000000 .000000 .000000 .000000 .000000
0.00000 0.00000 0.00000 0.00000 0.00000
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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL
COORDINATES

COMB ULB08 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	0.000123	0.007766	-0.002026
-0.001078	-0.000172	-9.30E-06	-0.001756
2	0.000123	0.007752	-0.001756
-0.001078	-0.000171	-9.30E-06	-0.001525
3	0.000123	0.007740	-0.001525
-0.001075	-0.000133	-8.52E-06	-0.001497
4	0.000123	0.007738	-0.001497
-0.001074	-0.000149	-8.30E-06	-0.001297
5	0.000123	0.007728	-0.001297
-0.001071	-9.93E-05	-5.75E-06	-0.001266
6	0.000125	0.007726	-0.001266
-0.001073	-5.55E-05	-2.97E-06	-0.001264
7	0.000125	0.007725	-0.001264
-0.001073	-4.77E-05	-2.31E-06	-0.001288
8	0.000127	0.007726	-0.001288
-0.001076	-7.53E-06	8.65E-09	-0.001367
9	0.000130	0.007732	-0.001367
-0.001081	-1.6E-07	1.72E-06	-0.001377
10	0.000130	0.007732	-0.001377
-0.001081	-5.63E-06	1.75E-06	-0.001365
11	0.000131	0.007732	-0.001365
-0.001081	-1.11E-05	1.79E-06	-0.001270
12	0.000134	0.007732	-0.001270
-0.001077	-4.89E-06	3.50E-06	-0.001234
13	0.000136	0.007735	-0.001234
-0.001074	3.40E-05	5.82E-06	-0.001231
14	0.000136	0.007736	-0.001231
-0.001074	5.00E-05	6.53E-06	-0.001267
15	0.000138	0.007742	-0.001267
-0.001071	0.000140	1.02E-05	-0.001557
16	0.000138	0.007758	-0.001557
-0.001077	0.000245	1.36E-05	-0.001601
17	0.000138	0.007760	-0.001601
-0.001078	0.000254	1.39E-05	-0.001961
18	0.000138	0.007779	-0.001961
-0.001084	0.000291	1.49E-05	-0.002419
19	0.000138	0.007802	-0.002419
-0.001084	0.000293	1.49E-05	0.000000
20	0.000000	0.000000	0.000000
0.00000 0.00000 0.00000 0.00000 0.00000			
21 .000000 .000000 .000000 .000000 .000000			

COMB ULB09 ----- MAX

JOINT RX	UX RY	UY RZ	UZ
1	0.000123	3.26E-21	-0.002026
-1.91E-22	-0.000172	1.92E-23	-0.001756
2	0.000123	3.31E-21	-0.001756
-1.91E-22	-0.000171	4.61E-23	-0.001525
3	0.000123	3.34E-21	-0.001525
-1.91E-22	-0.000133	-4.5E-23	-0.001497
4	0.000123	3.33E-21	-0.001497
-1.91E-22	-0.000149	-1.38E-22	-0.001297
5	0.000123	2.81E-21	-0.001297
-1.91E-22	-9.93E-05	-1.03E-21	-0.001266
6	0.000125	1.40E-21	-0.001266
-1.61E-22	-5.55E-05	-1.92E-21	-0.001264
7	0.000125	9.81E-22	-0.001264
-1.54E-22	-4.77E-05	-1.95E-21	-0.001288
8	0.000127	-5.16E-22	-0.001288
-1.08E-22	-7.53E-06	-9.71E-22	-0.001367
9	0.000130	-1.38E-21	-0.001367
-2.45E-23	-7.72E-22	-1.55E-21	-0.001377
10	0.000130	-1.55E-21	-0.001377
-1.27E-23	-5.63E-06	-1.04E-21	-0.001365
11	0.000131	-1.79E-21	-0.001365
-7.95E-25	-1.11E-05	-1.30E-21	-0.001270
12	0.000134	-4.03E-21	-0.001270
8.29E-23	-4.89E-06	-4.68E-21	-0.001234
13	0.000136	-4.66E-21	-0.001234
1.29E-22	3.40E-05	-2.39E-22	-0.001231
14	0.000136	-4.66E-21	-0.001231
1.41E-22	5.00E-05	3.60E-22	-0.001267
15	0.000138	3.65E-21	-0.001267
1.91E-22	0.000245	7.52E-21	-0.001557
16	0.000138	3.79E-21	-0.001557
1.91E-22	0.000254	7.84E-21	-0.001601
17	0.000138	3.79E-21	-0.001601
1.91E-22	0.000291	9.53E-21	-0.001961
18	0.000138	3.79E-21	-0.001961
1.91E-22	0.000293	9.67E-21	-0.002419
19	0.000138	3.79E-21	-0.002419
20	0.000000	0.000000	0.000000
0.00000 0.00000 0.00000 0.00000 0.00000			
21 .000000 .000000 .000000 .000000 .000000			

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL
COORDINATES

COMB ULB09 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	0.000123	3.26E-21	-0.002026
-1.91E-22	-0.000172	1.92E-23	-0.001756
2	0.000123	3.31E-21	-0.001756
-1.91E-22	-0.000171	4.61E-23	-0.001525
3	0.000123	3.34E-21	-0.001525
-1.91E-22	-0.000133	-6.45E-23	-0.001497

4	0.000123	3.33E-21	-0.001497
-1.91E-22	-0.000149	-1.38E-22	-0.001297
5	0.000123	2.81E-21	-0.001297
-1.91E-22	-9.93E-05	-1.03E-21	-0.001266
6	0.000125	1.40E-21	-0.001266
-1.61E-22	-5.55E-05	-1.82E-21	-0.001264
7	0.000125	9.81E-22	-0.001264
-1.54E-22	-4.77E-05	-1.95E-21	-0.001288
8	0.000127	-5.16E-22	-0.001288
-1.08E-22	-7.53E-06	-9.71E-22	-0.001367
9	0.000130	-1.38E-21	-0.001367
-2.45E-23	-1.36E-07	-7.72E-22	-0.001377
10	0.000130	-1.55E-21	-0.001377
-1.27E-23	-5.63E-06	-1.04E-21	-0.001365
11	0.000131	-1.79E-21	-0.001365
-7.95E-25	-1.11E-05	-1.30E-21	-0.001270
12	0.000134	-4.03E-21	-0.001270
8.29E-23	-4.89E-06	-1.16E-21	-0.001234
13	0.000136	-4.68E-21	-0.001234
1.29E-22	3.40E-05	-2.39E-22	-0.001231
14	0.000136	-4.66E-21	-0.001231
1.41E-22	5.00E-05	3.60E-22	-0.001267
15	0.000138	-2.81E-21	-0.001267
1.91E-22	0.000140	3.65E-21	-0.001557
16	0.000138	2.83E-21	-0.001557
1.91E-22	0.000245	7.52E-21	-0.001601
17	0.000138	3.79E-21	-0.001601
1.91E-22	0.000254	7.84E-21	-0.001961
18	0.000138	1.21E-20	-0.001961
1.91E-22	0.000291	9.53E-21	-0.002419
19	0.000138	2.71E-20	-0.002419
1.91E-22	0.000293	9.67E-21	-0.002419
20	0.000000	0.000000	0.000000
0.000000 0.000000 0.000000 0.000000 0.000000			
21 .000000 .000000 .000000 .000000 .000000			

COMB ULB10 ----- MAX

JOINT RX	UX RY	UY RZ	UZ
1	0.000118	0.008505	-0.001948
-0.001171	-0.000165	-1.39E-05	-0.001688
2	0.000118	0.008484	-0.001688
-0.001171	-0.000164	-1.39E-05	-0.001467
3	0.000118	0.008467	-0.001467
-0.001168	-0.000147	-1.30E-05	-0.001439
4	0.000118	0.008465	-0.001439
-0.001167	-0.000143	-1.27E-05	-0.001247
5	0.000118	0.008450	-0.001247
-0.001164	-9.55E-05	-1.01E-05	-0.001218
6	0.000120	0.008444	-0.001218
-0.001166	-5.33E-05	-7.11E-06	-0.001216
7	0.000120	0.008443	-0.001216
-0.001166	-4.59E-05	-6.56E-06	-0.001238
8	0.000122	0.008440	-0.001238
-0.001168	-7.24E-06	-4.30E-06	-0.001315
9	0.000125	0.008438	-0.001315
-0.001172	-1.30E-07	-2.77E-06	-0.001324
10	0.000125	0.008438	-0.001324
-0.001173	-5.42E-06	-2.75E-06	-0.001313
11	0.000126	0.008437	-0.001313
-0.001172	-1.07E-05	-2.74E-06	-0.001221
12	0.000129	0.008430	-0.001221
-0.001168	-4.70E-06	-1.19E-06	-0.001187
13	0.000131	0.008428	-0.001187
-0.001166	3.27E-05	1.09E-06	-0.001184
14	0.000131	0.008428	-0.001184
-0.001165	4.81E-05	1.16E-06	-0.001218
15	0.000133	0.008429	-0.001218
-0.001162	0.000135	5.64E-06	-0.001498
16	0.000133	0.008441	-0.001498
-0.001167	0.000236	9.07E-06	-0.001539
17	0.000133	0.008442	-0.001539
-0.001168	0.000244	9.36E-06	-0.001885
18	0.000133	0.008457	-0.001885
-0.001174	0.000279	1.04E-05	-0.002326
19	0.000133	0.008473	-0.002326
-0.001174	0.000281	1.05E-05	0.000000
20	0.000000	0.000000	0.000000
0.000000 0.000000 0.000000 0.000000 0.000000			
21 .000000 .000000 .000000 .000000 .000000			

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File:청도1교하행_P9_본체.OUT

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL
COORDINATES

COMB ULB10 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	0.000118	0.008505	-0.001948
-0.001171	-0.000165	-1.39E-05	-0.001688
2	0.000118	0.008484	-0.001688
-0.001171	-0.000164	-1.38E-05	-0.001467
3	0.000118	0.008467	-0.001467
-0.001168	-0.000147	-1.30E-05	-0.001439
4	0.000118	0.008465	-0.001439
-0.001167	-0.000143	-1.27E-05	-0.001247
5	0.000118	0.008450	-0.001247
-0.001164	-9.55E-05	-1.01E-05	-0.001218
6	0.000120	0.008444	-0.001218
-0.001166	-5.33E-05	-7.11E-06	-0.001216
7	0.000120	0.008443	-0.001216
-0.001166	-4.59E-05	-6.56E-06	-0.001238
8	0.000122	0.008440	-0.001238
-0.001168	-7.24E-06	-4.30E-06	-0.001315
9	0.000125	0.008438	-0.001315
-0.001172	-1.30E-07	-2.77E-06	-0.001324
10	0.000125	0.008438	-0.001324
-0.001173	-5.42E-06	-2.75E-06	-0.001313
11	0.000126	0.008437	-0.001313
-0.001172	-1.07E-05	-2.74E-06	-0.001221
12	0.000129	0.008430	-0.001221
-0.001168	-4.70E-06	-1.19E-06	-0.001187
13	0.000131	0.008428	-0.001187
-0.001166	3.27E-05	1.09E-06	-0.001184
14	0.000131	0.008428	-0.001184
-0.001165	4.81E-05	1.81E-06	-0.001218
15	0.000133	0.008429	-0.001218
-0.001162	0.000135	5.64E-06	-0.001498

.000000	.000000	.000000		20	.000000	.000000	.000000	14	0.000105	-3.59E-21	-0.000947	-0.000127	3.14E-05	-4.32E-06	
.21	.000000	.000000	.000000	.000000	.000000	.000000	.000000	1.08E-22	3.85E-05	2.77E-22		14	0.000126	0.000950	-0.001137
.000000	.000000	.000000		.000000	.000000	.000000	.000000	15	0.000106	2.16E-21	-0.000975	-0.000127	0.000123	-4.29E-06	
COMB	ULB14	-----	MAX	Program	SAP2000	Nonlinear	Version 7.42	1.47E-22	0.000108	2.81E-21		-0.000127	0.000123	0.000945	-0.001170
				File:청도1교하행_P9_본체.OUT				16	0.000106	2.18E-21	-0.001198	-0.000127	0.000130	-4.04E-06	
JOINT	UX	UY	UZ					17	0.000106	5.78E-21	-0.001231	-0.000127	0.000128	0.000942	-0.001438
RX	RY	RZ						18	0.000106	2.92E-21		-0.000127	0.000226	-3.83E-06	
1	0.000118	0.007987	-0.001948					19	6.03E-21	0.000195		-0.000127	0.000128	0.000942	-0.001478
-0.001104	0.000165	-1.14E-05	-0.001688					20	0.000106	9.34E-21	-0.001508	-0.000127	0.000234	-3.81E-06	-0.001810
-0.001104	3	0.000118	0.007969					1.47E-22	0.000108	7.33E-21		-0.000127	0.000123	0.000945	
-0.001104	4	-0.000147	-1.14E-05					1.47E-22	0.000106	2.09E-20	-0.001860	-0.000127	0.000268	-3.73E-06	
-0.001100	5	0.000118	0.007955					1.47E-22	0.000225	7.44E-21		-0.000127	0.000128	0.000933	-0.002233
-0.001100	6	-0.000143	-1.04E-05					20	.000000	.000000	.000000	-0.000127	0.000270	-3.70E-06	
-0.001097	7	-9.55E-05	-7.79E-06					.000000	.000000	.000000	.000000	20	.000000	.000000	.000000
-0.001099	8	0.000120	0.007936					.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
-0.001099	9	-5.33E-05	-4.93E-06					COMB	ULB17	-----	MAX	Program	SAP2000	Nonlinear	Version 7.42
-0.001099	10	0.000120	0.007936												
-0.001099	11	-4.59E-05	-4.39E-06												
-0.001101	12	-7.24E-06	-2.15E-06												
-0.001101	13	0.000125	0.007936												
-0.001106	14	-1.30E-07	-5.61E-07												
-0.001106	15	0.000125	0.007937												
-0.001106	16	-5.42E-07	-5.34E-07												
-0.001106	17	0.000126	0.007936												
-0.001106	18	-1.07E-05	-5.07E-07												
-0.001102	19	0.000129	0.007933												
-0.001102	20	-4.70E-06	1.09E-06												
-0.001099	21	0.000131	0.007933												
-0.001099	22	3.27E-05	3.35E-06												
-0.001099	23	0.000131	0.007933												
-0.001099	24	4.81E-05	4.05E-06												
-0.001099	25	0.000133	0.007936												
-0.001096	26	0.000135	7.74E-06												
-0.001096	27	0.000135	0.007950												
-0.001101	28	0.000236	1.11E-05												
-0.001101	29	0.000133	0.007952												
-0.001107	30	0.000244	1.13E-05												
-0.001108	31	0.000133	0.007968												
-0.001108	32	0.000279	1.24E-05												
-0.001108	33	0.000281	1.24E-05												
-0.001108	34	.000000	.000000												
-0.001108	35	.000000	.000000												
-0.001108	36	.000000	.000000												
-0.001108	37	.000000	.000000												
-0.001108	38	.000000	.000000												
-0.001108	39	.000000	.000000												
-0.001108	40	.000000	.000000												
-0.001108	41	.000000	.000000												
-0.001108	42	.000000	.000000												
-0.001108	43	.000000	.000000												
-0.001108	44	.000000	.000000												
-0.001108	45	.000000	.000000												
-0.001108	46	.000000	.000000												
-0.001108	47	.000000	.000000												
-0.001108	48	.000000	.000000												
-0.001108	49	.000000	.000000												
-0.001108	50	.000000	.000000												
-0.001108	51	.000000	.000000												
-0.001108	52	.000000	.000000												
-0.001108	53	.000000	.000000												
-0.001108	54	.000000	.000000												
-0.001108	55	.000000	.000000												
-0.001108	56	.000000	.000000												
-0.001108	57	.000000	.000000												
-0.001108	58	.000000	.000000												
-0.001108	59	.000000	.000000												
-0.001108	60	.000000	.000000												
-0.001108	61	.000000	.000000												
-0.001108	62	.000000	.000000												
-0.001108	63	.000000	.000000												
-0.001108	64	.000000	.000000												
-0.001108	65	.000000	.000000												
-0.001108	66	.000000	.000000												
-0.001108	67	.000000	.000000												
-0.001108	68	.000000	.000000												
-0.001108	69	.000000	.000000												
-0.001108	70	.000000	.000000												
-0.001108	71	.000000	.000000												
-0.001108	72	.000000	.000000												
-0.001108	73	.000000	.000000												
-0.001108	74	.000000	.000000												
-0.001108	75	.000000	.000000												
-0.001108	76	.000000	.000000												
-0.001108	77	.000000	.000000												
-0.001108	78	.000000	.000000												
-0.001108	79	.000000	.000000												
-0.001108	80	.000000	.000000												
-0.001108	81	.000000	.000000												
-0.001108	82	.000000	.000000												
-0.001108	83	.000000	.000000												
-0.001108	84	.000000	.000000												
-0.001108	85	.000000	.000000												
-0.001108	86	.000000	.000000												
-0.001108	87	.000000	.000000												
-0.001108	88	.000000	.000000												
-0.001108	89	.000000	.000000												
-0.001108	90	.000000	.000000												
-0.001108	91	.000000	.000000												
-0.001108	92	.000000	.000000												
-0.001108	93	.000000	.000000												
-0.001108	94	.000000	.000000												
-0.001108	95	.000000	.000000												
-0.001108	96	.000000	.000000												
-0.001108	97	.000000	.000000												
-0.001108	98	.000000	.000000												
-0.001108	99	.000000	.000000												
-0.001108	100	.000000	.000000												
-0.001108	101	.000000	.000000												
-0.001108	102	.000000	.000000												
-0.001108	103	.000000	.000000												
-0.001108	104	.000000	.000000												
-0.001108	105	.000000	.000000												
-0.001108	106	.000000	.000000												
-0.001108	107	.000000	.000000												
-0.001108	108	.000000	.000000												
-0.001108	109	.000000	.000000												
-0.001108	110	.000000	.000000												
-0.001108	111	.000000	.000000												

-1.88E-22	-6.20E-05	-2.45E-21	
8	0.000141	-7.49E-22	-0.001514
-1.32E-22	-1.12E-05	-1.21E-21	
9	-0.000156	-1.78E-21	-0.001614
-2.99E-23	-1.00E-06	-9.20E-22	
10	0.000146	-2.00E-21	-0.001626
-1.54E-23	-7.92E-06	-1.25E-21	
11	0.000146	-2.28E-21	-0.001611
-9.70E-25	-1.49E-05	-1.58E-21	
12	0.000155	-5.02E-21	-0.001490
1.01E-22	-6.74E-06	-1.40E-21	
13	0.000152	-5.78E-21	-0.001446
1.57E-22	4.16E-05	-2.50E-22	
14	0.000153	-5.75E-21	-0.001443
1.72E-22	6.13E-05	4.87E-22	
15	0.000155	-3.43E-21	-0.001489
2.34E-22	0.000172	4.51E-21	
16	0.000155	3.51E-21	-0.001844
2.34E-22	0.000299	9.23E-21	
17	0.000155	4.68E-21	-0.001897
2.34E-22	0.000310	9.62E-21	
18	0.000155	1.49E-20	-0.002338
2.34E-22	0.000355	1.17E-20	
19	0.000155	3.32E-20	-0.002894
2.34E-22	0.000356	1.18E-20	
20	-0.000000	0.000000	-0.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000

COMB UEB02 ----- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	9.47E-05	2.51E-21	-0.001559
-1.47E-22	-0.000132	1.48E-23	
2	9.47E-05	2.54E-21	-0.001351
-1.47E-22	-0.000131	3.55E-23	
3	9.47E-05	2.57E-21	-0.001173
-1.47E-22	-0.000118	4.96E-23	
4	9.47E-05	2.56E-21	-0.001152
-1.47E-22	-0.000115	-1.06E-22	
5	9.47E-05	2.16E-21	-0.000997
-1.47E-22	-7.64E-05	-7.90E-22	-0.000974
6	9.59E-05	1.08E-21	
-1.24E-22	-4.27E-05	-1.40E-21	-0.000973
7	9.62E-05	7.54E-22	
-1.19E-22	-3.67E-05	-1.50E-21	
8	9.76E-05	-3.97E-22	-0.000990
-8.32E-23	-5.79E-06	-7.47E-22	
9	0.000100	-1.06E-21	-0.001052
-1.89E-23	-1.04E-07	-5.94E-22	
10	0.000100	-1.20E-21	-0.001059
-9.73E-24	-4.33E-06	-7.97E-22	
11	0.000101	-1.37E-21	-0.001050
-6.11E-25	-8.58E-06	-1.00E-21	
12	0.000103	-3.10E-21	-0.000977
6.38E-23	-3.76E-06	-8.96E-22	
13	0.000105	-3.60E-21	-0.000949
9.91E-23	2.61E-05	-1.84E-22	
14	0.000105	-3.59E-21	-0.000947
1.08E-22	3.85E-05	2.77E-22	
15	0.000106	-2.16E-21	-0.000975
1.47E-22	0.000108	2.81E-21	
16	0.000106	2.18E-21	-0.001198
1.47E-22	0.000188	5.78E-21	
17	0.000106	2.92E-21	-0.001231
1.47E-22	0.000195	6.03E-21	
18	0.000106	9.34E-21	-0.001508
1.47E-22	0.000224	7.33E-21	
19	0.000106	2.09E-20	-0.001860
1.47E-22	0.000225	7.44E-21	
20	-0.000000	0.000000	-0.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
Program	SAP2000	Nonlinear	Version 7.42
File:	정도1교하행_P9_본체	OUT	

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB UEB02 ----- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	9.47E-05	2.51E-21	-0.001559
-1.47E-22	-0.000132	1.48E-23	
2	9.47E-05	2.54E-21	-0.001351
-1.47E-22	-0.000131	3.55E-23	
3	9.47E-05	2.57E-21	-0.001173
-1.47E-22	-0.000118	4.96E-23	
4	9.47E-05	2.56E-21	-0.001152
-1.47E-22	-0.000115	-1.06E-22	
5	9.47E-05	2.16E-21	-0.000997
-1.47E-22	-7.64E-05	-7.90E-22	-0.000974
6	9.59E-05	1.08E-21	
-1.24E-22	-4.27E-05	-1.40E-21	-0.000973
7	9.62E-05	7.54E-22	
-1.19E-22	-3.67E-05	-1.50E-21	
8	9.76E-05	-3.97E-22	-0.000990
-8.32E-23	-5.79E-06	-7.47E-22	
9	0.000100	-1.06E-21	-0.001052
-1.89E-23	-1.04E-07	-5.94E-22	
10	0.000100	-1.20E-21	-0.001059
-9.73E-24	-4.33E-06	-7.97E-22	
11	0.000101	-1.37E-21	-0.001050
-6.11E-25	-8.58E-06	-1.00E-21	
12	0.000103	-3.10E-21	-0.000977
6.38E-23	-3.76E-06	-8.96E-22	
13	0.000105	-3.60E-21	-0.000949
9.91E-23	2.61E-05	-1.84E-22	
14	0.000105	-3.59E-21	-0.000947
1.08E-22	3.85E-05	2.77E-22	
15	0.000106	-2.16E-21	-0.000975
1.47E-22	0.000108	2.81E-21	
16	0.000106	2.18E-21	-0.001198
1.47E-22	0.000188	5.78E-21	
17	0.000106	2.92E-21	-0.001231
1.47E-22	0.000195	6.03E-21	
18	0.000106	9.34E-21	-0.001508
1.47E-22	0.000224	7.33E-21	
19	0.000106	2.09E-20	-0.001860
1.47E-22	0.000225	7.44E-21	
20	-0.000000	0.000000	-0.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
Program	SAP2000	Nonlinear	Version 7.42
File:	정도1교하행_P9_본체	OUT	

COMB UEB03 ----- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	9.47E-05	0.000179	-0.001559
-0.000140	-0.000132	-5.11E-06	
2	9.47E-05	0.001071	-0.001351
-0.000140	-0.000131	-5.08E-06	
3	9.47E-05	0.001066	-0.001173
-0.000140	-0.000118	-4.97E-06	
4	9.47E-05	0.001065	-0.001152
-0.000140	-0.000115	-4.95E-06	
5	9.47E-05	0.001060	-0.000997
-0.000140	-7.64E-05	-4.71E-06	
6	9.59E-05	0.001056	-0.000974
-0.000140	-4.27E-05	-4.53E-06	

7	9.62E-05	0.001055	-0.000973
-0.000140	-3.67E-05	-4.51E-06	
8	9.76E-05	0.001051	-0.000990
-0.000139	-5.79E-06	-4.48E-06	
9	0.000100	0.001044	-0.001052
-0.000139	-1.04E-07	-4.60E-06	
10	0.000100	0.001043	-0.001059
-0.000139	-4.33E-06	-4.62E-06	
11	0.000101	0.001043	-0.001050
-0.000139	-8.58E-06	-4.47E-06	
12	0.000103	0.001035	-0.000977
-0.000138	-3.76E-06	-4.74E-06	
13	0.000105	0.001030	-0.000949
-0.000138	2.61E-05	-4.68E-06	
14	0.000105	0.001029	-0.000947
-0.000138	3.85E-05	-4.65E-06	
15	0.000106	0.001024	-0.000975
-0.000137	0.000108	-4.38E-06	
16	0.000106	0.001020	-0.001198
-0.000137	0.000188	-4.15E-06	
17	0.000106	0.001020	-0.001231
-0.000137	0.000195	-4.13E-06	
18	0.000106	0.001016	-0.001508
-0.000137	0.000224	-4.04E-06	
19	0.000106	0.001010	-0.001860
-0.000137	0.000225	-4.00E-06	
20	0.000000	0.000000	-0.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
Program	SAP2000	Nonlinear	Version 7.42
File:	정도1교하행_P9_본체	OUT	

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JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES

COMB UEB03 ----- MIN

JOINT	UX	UY	UZ
RX	RY	RZ	
1	9.47E-05	0.001079	-0.001559
-0.000140	-0.000132	-5.11E-06	
2	9.47E-05	0.001071	-0.001351
-0.000140	-0.000131	-5.08E-06	
3	9.47E-05	0.001066	-0.001173
-0.000140	-0.000118	-4.97E-06	
4	9.47E-05	0.001065	-0.001152
-0.000140	-0.000115	-4.95E-06	
5	9.47E-05	0.001060	-0.000997
-0.000140	-7.64E-05	-4.71E-06	
6	9.59E-05	0.001056	-0.000974
-0.000140	-4.27E-05	-4.53E-06	
7	9.62E-05	0.001055	-0.000973
-0.000140	-3.67E-05	-4.51E-06	
8	9.76E-05	0.001051	-0.000990
-0.000139	-5.79E-06	-4.48E-06	
9	0.000100	0.001044	-0.001052
-0.000139	-1.04E-07	-4.60E-06	
10	0.000100	0.001043	-0.001059
-0.000139	-4.33E-06	-4.62E-06	
11	0.000101	0.001043	-0.001050
-0.000139	-8.58E-06	-4.64E-06	
12	0.000103	0.001035	-0.000977
-0.000138	-3.76E-06	-4.74E-06	
13	0.000105	0.001030	-0.000949
-0.000138	2.61E-05	-4.68E-06	
14	0.000105	0.001029	-0.000947
-0.000138	3.85E-05	-4.65E-06	
15	0.000106	0.001024	-0.000975
-0.000137	0.000108	-4.38E-06	
16	0.000106	0.001020	-0.001198
-0.000137	0.000188	-4.15E-06	
17	0.000106	0.001020	-0.001231
-0.000137	0.000195	-4.13E-06	
18	0.000106	0.001016	-0.001508
-0.000137	0.000224	-4.04E-06	
19	0.000106	0.001010	-0.001860
-0.000137	0.000225	-4.00E-06	
20	0.000000	0.000000	-0.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
.000000	.000000	.000000	.000000
Program	SAP2000	Nonlinear	Version 7.42
File:	정도1교하행_P9_본체	OUT	

COMB UEB04 ----- MAX

JOINT	UX	UY	UZ
RX	RY	RZ	
1	0.000120	0.000540	-0.002095
-6.99E-05	-0.000132	-2.55E-06	
2	0.000120	0.000536	-0.001809
-6.99E-05	-0.000181	-2.54E-06	
3	0.000120	0.000533	-0.001565
-6.99E-05	-0.000163	-2.49E-06	
4	0.000120	0.000533	-0.001322
-6.99E-05	-0.000159	-2.48E-06	
5	0.000120	0.000530	-0.001287
-6.99E-05	-0.000122	-2.36E-06	
6	9.62E-05	0.000528	-0.001284
-6.98E-05	-6.02E-05	-2.25E-06	
7	0.000122	0.000528	-0.001307
-6.98E-05	-5.20E-05	-2.24E-06	
8	0.000124	0.000525	-0.001392
-6.98E-05	-5.20E-05	-2.24E-06	
9	0.000124	0.000525	-0.001402
-6.98E-05	-5.20E-05	-2.24E-06	
10	0.000122	0.000522	-0.001424
-6.98E-05	-5.20E-05	-2.24E-06	
11	0.000122	0.000528	-0.001389
-6.98E-05	-5.20E-05	-2.24E-06	
12	0.000122	0.000528	-0.001287
-6.98E-05	-5.20E-05	-2.24E-06	
13	0.000122	0.000528	-0.001284
-6.98E-05	-5.20E-05	-2.24E-06	
14	0.000122	0.000528	-0.001284
-6.98E-05	-5.20E-05	-2.24E-06	
15	0.000122	0.000528	-0.001284
-6.98E-05	-5.20E-05	-2.24E-06	
16	0.000122	0.000528	-0.001284
-6.98E-05	-5.20E-05	-2.24E-06	
17	0.000122	0.000528	-0.001

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 UEB07 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	0.000120	3.48E-21	-0.002095
2	-0.00182	5.72E-22	-0.001809
3	0.000120	3.50E-21	
4	-0.00181	2.64E-23	
5	0.000120	3.51E-21	-0.001565
6	-0.00163	-9.04E-23	
7	0.000120	3.50E-21	-0.001534
8	-0.00159	-1.68E-22	
9	0.000120	2.93E-21	-0.001322
10	-0.00106	-1.10E-21	
11	0.000122	1.43E-21	-0.001287
12	-0.00122	-1.94E-21	
13	0.000122	9.80E-22	-0.001284
14	-0.00122	-2.08E-21	-0.001307
15	0.000127	-1.50E-21	-0.001392
16	-0.00127	-7.91E-22	
17	0.000128	-1.68E-21	-0.001402
18	-1.32E-23	-6.50E-06	-1.07E-21
19	0.000123	-1.92E-21	-0.001389
20	-8.28E-25	-1.24E-05	-1.35E-21
21	0.000131	-4.26E-21	-0.001287
22	8.64E-23	-5.56E-06	-1.20E-21
23	0.000133	-4.92E-21	-0.001250
24	1.34E-22	3.55E-05	-2.24E-22
25	0.000134	-4.89E-21	-0.001247
26	1.47E-22	5.23E-05	4.04E-22
27	0.000136	-2.93E-21	-0.001286
28	2.00E-22	0.000147	3.83E-21
29	0.000136	2.98E-21	-0.001588
30	2.00E-22	0.000256	7.86E-21
31	0.000137	-0.000189	-0.001634
32	2.00E-22	0.000265	8.20E-21
33	0.000136	1.27E-20	-0.002010
34	2.00E-22	0.000303	9.95E-21
35	0.000136	2.83E-20	-0.002485
36	2.00E-22	0.000304	1.01E-20
37	0.000000	0.000000	0.000000
38	0.000000	0.000000	0.000000
39	0.000000	0.000000	0.000000
40	0.000000	0.000000	0.000000
41	0.000000	0.000000	0.000000
42	0.000000	0.000000	0.000000

COMB UEB08 ----- MAX

JOINT RX	UX RY	UY RZ	UZ
1	9.47E-05	0.007766	-0.001559
2	-0.001078	-0.000132	-9.30E-06
3	0.0001078	9.47E-05	0.007752
4	-0.001078	-0.000131	-9.30E-06
5	9.47E-05	0.007740	-0.001173
6	-0.001075	-0.000118	-8.52E-06
7	9.47E-05	0.007738	-0.001152
8	-0.001074	-0.000115	-8.30E-06
9	9.47E-05	0.007728	-0.000997
10	-0.001071	-7.64E-05	-5.75E-06
11	9.47E-05	0.007726	-0.000974
12	-0.001073	-7.62E-05	-2.87E-06
13	9.47E-05	0.007725	-0.000973
14	-0.001073	-3.67E-05	-2.31E-06
15	9.47E-05	0.007728	-0.000990
16	-0.001076	-5.79E-06	8.65E-09
17	9.000100	0.007732	-0.001052
18	-0.001081	-1.04E-07	1.72E-06
19	0.000100	0.007732	-0.001059
20	-0.001081	-4.33E-06	1.75E-06
21	0.000101	0.007732	-0.001050
22	-0.001081	-8.58E-06	1.79E-06
23	0.000103	0.007732	-0.000977
24	-0.001077	-3.76E-06	3.50E-06
25	0.000105	0.007735	-0.000949
26	-0.001074	2.61E-05	5.82E-06
27	0.000104	9.76E-05	0.007738
28	-0.001074	6.35E-06	6.53E-06
29	0.000106	0.007742	-0.000975
30	-0.001071	0.000108	1.02E-05
31	0.000106	0.007758	-0.001198
32	-0.001077	0.00188	1.36E-05
33	0.000107	0.007760	-0.001231
34	-0.001078	0.000195	1.39E-05
35	0.000106	0.007779	-0.001508
36	-0.001084	0.000224	1.49E-05
37	0.000109	0.007802	-0.001860
38	-0.001084	0.000225	1.49E-05
39	0.000000	0.000000	0.000000
40	0.000000	0.000000	0.000000
41	0.000000	0.000000	0.000000
42	0.000000	0.000000	0.000000

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 UEB08 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	9.47E-05	0.007766	-0.001559
2	-0.001078	-0.000132	-9.30E-06
3	0.0001078	9.47E-05	0.007752
4	-0.001078	-0.000131	-9.30E-06
5	9.47E-05	0.007740	-0.001173
6	-0.001075	-0.000118	-8.52E-06
7	9.47E-05	0.007738	-0.001152
8	-0.001074	-0.000115	-8.30E-06
9	9.47E-05	0.007728	-0.000997
10	-0.001071	-7.64E-05	-5.75E-06
11	9.47E-05	0.007726	-0.000974
12	-0.001073	-7.62E-05	-2.87E-06
13	9.47E-05	0.007725	-0.000973
14	-0.001073	-3.67E-05	-2.31E-06
15	9.47E-05	0.007728	-0.000990
16	-0.001076	-5.79E-06	8.65E-09
17	9.000100	0.007732	-0.001052
18	-0.001081	-1.04E-07	1.72E-06
19	0.000100	0.007732	-0.001059
20	-0.001081	-4.33E-06	1.75E-06
21	0.000101	0.007732	-0.001050
22	-0.001081	-8.58E-06	1.79E-06
23	0.000103	0.007732	-0.000977
24	-0.001077	-3.76E-06	3.50E-06
25	0.000105	0.007735	-0.000949
26	-0.001074	2.61E-05	5.82E-06
27	0.000104	9.76E-05	0.007738
28	-0.001074	6.35E-06	6.53E-06
29	0.000106	0.007742	-0.000975
30	-0.001071	0.000108	1.02E-05
31	0.000106	0.007758	-0.001198
32	-0.001077	0.00188	1.36E-05
33	0.000107	0.007760	-0.001231
34	-0.001078	0.000195	1.39E-05
35	0.000106	0.007779	-0.001508
36	-0.001084	0.000224	1.49E-05
37	0.000109	0.007802	-0.001860
38	-0.001084	0.000225	1.49E-05
39	0.000000	0.000000	0.000000
40	0.000000	0.000000	0.000000
41	0.000000	0.000000	0.000000
42	0.000000	0.000000	0.000000

-0.001078	0.000195	1.39E-05	
18	0.000106	0.007779	-0.001508
-0.001084	0.000224	1.49E-05	
19	0.000106	0.007802	-0.001860
-0.001084	0.000225	1.49E-05	
20	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	
21	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	

COMB UEB09 ----- MAX

JOINT RX	UX RY	UY RZ	UZ
1	9.47E-05	2.51E-21	-0.001559
2	-1.47E-22	-0.000132	1.48E-23
3	9.47E-05	2.54E-21	-0.001351
4	-1.47E-22	-0.000131	3.55E-23
5	9.47E-05	2.57E-21	-0.001173
6	-1.47E-22	-0.000118	-4.96E-23
7	9.47E-05	2.56E-21	-0.001152
8	-1.47E-22	-0.000115	-1.06E-22
9	9.47E-05	2.16E-21	-0.000997
10	-1.47E-22	-7.64E-05	-7.90E-22
11	9.59E-05	1.08E-21	-0.000974
12	-1.24E-22	-4.27E-05	-1.40E-21
13	9.62E-05	7.54E-22	-0.000973
14	-1.19E-22	-3.67E-05	-1.50E-21
15	9.76E-05	-3.97E-22	-0.000990
16	-8.32E-23	-5.79E-06	-7.47E-22
17	9.000100	-1.06E-21	-0.001052
18	-1.89E-23	-1.04E-07	-5.94E-22
19	0.000100	-1.20E-21	-0.001059
20	-9.73E-24	-4.33E-06	-7.97E-22
21	0.000101	-1.37E-21	-0.001050
22	-6.11E-25	-8.58E-06	-1.00E-21
23	0.000103	-3.10E-21	-0.000977
24	6.38E-23	-3.76E-06	-8.96E-22
25	0.000105	-3.60E-21	-0.000949
26	9.91E-23	2.61E-05	-1.84E-22
27	1.08E-22	3.85E-05	-2.77E-22
28	0.000106	-2.16E-21	-0.000975
29	1.47E-22	0.000108	2.81E-21
30	0.000106	5.78E-21	-0.001198
31	1.47E-22	0.000189	5.78E-21
32	0.000106	2.92E-21	-0.001231
33	1.47E-22	0.000195	6.03E-21
34	0.000106	9.34E-21	-0.001508
35	1.47E-22	0.000224	7.33E-21
36	0.000106	2.09E-20	-0.001860
37	1.47E-22	0.000225	7.44E-21
38	0.000000	0.000000	0.000000
39	0.000000	0.000000	0.000000
40	0.000000	0.000000	0.000000
41	0.000000	0.000000	0.000000
42	0.000000	0.000000	0.000000

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 UEB09 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	9.47E-05	2.51E-21	-0.001559
2	-1.47E-22	-0.000132	1.48E-23
3	9.47E-05	2.54E-21	-0.001351
4	-1.47E-22	-0.000131	3.55E-23
5	9.47E-05	2.57E-21	-0.001173
6	-1.47E-22	-0.000118	-4.96E-23
7	9.47E-05	2.56E-21	-0.001152
8	-1.47E-22	-0.000115	-1.06E-22
9	9.47E-05	2.16E-21	-0.000997
10	-1.47E-22	-7.64E-05	-7.90E-22
11	9.59E-05	1.08E-21	-0.000974
12	-1.24E-22	-4.27E-05	-1.40E-21
13	9.62E-05	7.54E-22	-0.000973
14	-1.19E-22	-3.67E-05	-1.50E-21
15	9.76E-05	-3.97E-22	-0.000990
16	-8.32E-23	-5.79E-06	-7.47E-22
17	9.000100	-1.06E-21	-0.001052
18	-1.89E-23	-1.04E-07	-5.94E-22
19	0.000100	-1.20E-21	-0.001059
20	-9.73E-24	-4.33E-06	-7.97E-22
21	0.000101	-1.37E-21	-0.001050
22	-6.11E-25	-8.58E-06	-1.00E-21
23	0.000103	-3.10E-21	-0.000977
24	6.38E-23	-3.76E-06	-8.96E-22
25	0.000105	-3.60E-21	-0.000949
26	9.91E-23	2.61E-05	-1.84E-22
27	1.08E-22	3.85E-05	-2.77E-22
28	0.000106	-2.16E-21	-0.000975
29	1.47E-22	0.000108	2.81E-21
30	0.000106	5.78E-21	-0.001198
31	1.47E-22	0.000189	5.78E-21
32	0.000106	2.92E-21	-0.001231
33	1.47E-22	0.000195	6.03E-21
34	0.000106	9.34E-21	-0.001508
35	1.47E-22	0.000224	7.33E-21
36	0.000106	2.09E-20	-0.001860
37	1.47E-22	0.000225	7.44E-21
38	0.000000	0.000000	0.000000
39	0.000000	0.000000	0.000000
40	0.000000	0.000000	0.000000
41	0.000000	0.000000	0.000000
42	0.000000	0.000000	0.000000

COMB UEB10 ----- MAX

JOINT RX	UX RY	UY RZ	UZ
1	9.00E-05	0.008505	-0.001481
-0.001171	-0.000125	-1.39E-05	
3	9.00E-05	0.008484	-0.001283
-0.001171	-0.000125	-1.39E-05	
3	9.00E-05	0.008467	-0.001165
-0.001168	-0.000112	-1.30E-05	
4	9.00E-05	0.008465	-0.001094
-0.001167	-0.000109	-1.27E-05	
5	9.00E-05	0.008450	-0.000948
-0.001164	-7.26E-05	-1.01E-05	
6	9.11E-05	0.008444	-0.000925
-0.001166	-4.05E-05	-7.11E-06	
7	9.14E-05	0.008443	-0.000924
-0.001166	-3.49E-05	-6.56E-06	
8	9.27E-05	0.008440	-0.000941
-0.001168	-5.50E-06	-4.30E-06	
9	9.50E-05	0.008438	-0.000999
-0.001172	-9.91E-08	-2.77E-06	
10	9.53E-05	0.008438	-0.001006
-0.001173	-4.15E-06	-2.77E-06	
11	9.56E-05	0.008437	-0.000998
-0.001172	-8.15E-06	-2.74E-06	
12	9.79E-05	0.008430	-0.000928
-0.001168	-3.57E-06	-1.19E-06	
13	9.83E-05	0.008428	-0.000902
-0.001166	2.48E-05	1.09E-06	
-0.001165	0.000100	0.008428	-0.000900
15	3.65E-05	1.81E-06	
-0.001162	0.000103	0.008429	-0.000926
16	5.64E-05	0.008429	-0.000926
-0.001167	0.000011	0.008441	-0.001138
16	0.000179	9.07E-06	

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: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체

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 SVO12 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	-7.32E-06	6.71E-21	-0.001870
-2.31E-22	-0.000155	-7.80E-22	
2	0.000148	5.51E-21	-0.001626
-2.31E-22	-0.000154	-7.59E-22	
3	0.000242	4.78E-21	-0.001410
-2.31E-22	-0.000140	-8.65E-22	
4	0.000254	4.67E-21	-0.001383
-2.31E-22	-0.000136	-9.32E-22	
5	0.000351	3.40E-21	-0.001195
-2.31E-22	-8.95E-05	-1.77E-21	
6	0.000450	1.30E-21	-0.001166
-1.95E-22	-4.97E-05	-2.50E-21	
7	0.000473	7.30E-22	-0.001164
-1.86E-22	-4.42E-05	-2.62E-21	
8	0.000575	-1.46E-21	-0.001184
-1.31E-22	-3.5E-05	-1.59E-21	
9	0.000727	-3.25E-21	-0.001263
-2.96E-23	1.10E-05	-1.19E-21	
10	0.000748	-3.50E-21	-0.001273
-1.53E-23	7.42E-06	-1.37E-21	
11	0.000768	-3.70E-21	-0.001263
-9.60E-25	1.92E-06	-1.59E-21	
12	0.000919	-6.10E-21	-0.001187
1.00E-22	2.27E-05	-9.20E-22	
13	0.001020	-6.34E-21	-0.001180
1.56E-22	7.29E-05	2.82E-22	
14	0.001043	-9.60E-23	-0.001185
1.70E-22	9.27E-06	1.02E-21	
15	0.001142	-3.40E-21	-0.001266
2.31E-22	0.000201	4.94E-21	
16	0.001240	3.54E-21	-0.001614
2.31E-22	0.000308	8.90E-21	
17	0.001252	4.68E-21	-0.001665
2.31E-22	0.000303	9.4E-21	
18	0.001347	1.44E-20	-0.002085
2.31E-22	0.000359	1.12E-20	
19	0.001503	3.20E-20	-0.002648
2.31E-22	0.000360	1.13E-20	
20	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000
21	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000

COMB SVO13 ----- MAX

JOINT RX	UX RY	UY RZ	UZ
1	0.000730	4.12E-21	-0.001789
-2.17E-22	-0.000133	-1.17E-22	
2	0.000729	3.94E-21	-0.001580
-2.17E-22	-0.000132	-9.60E-23	
3	0.000729	3.84E-21	-0.001385
-2.17E-22	-0.000118	-2.02E-22	
4	0.000729	3.81E-21	-0.001361
-2.17E-22	-0.000114	-2.69E-22	
5	0.000728	3.19E-21	-0.001195
-2.17E-22	-6.69E-05	-1.10E-21	
6	0.000730	1.77E-21	-0.001186
-1.83E-22	-3.02E-05	-1.77E-21	
7	0.000730	1.36E-21	-0.001188
-1.75E-22	-2.38E-05	-1.88E-21	
8	0.000733	-1.42E-22	-0.001224
-1.23E-22	-2.29E-06	-1.08E-21	
9	0.000736	-1.34E-21	-0.001315
-2.78E-23	1.29E-05	-1.04E-21	
10	0.000737	-1.57E-21	-0.001325
-1.44E-23	7.78E-06	-1.29E-21	
11	0.000737	-1.86E-21	-0.001315
-9.02E-25	1.68E-06	-1.58E-21	
12	0.000740	-4.51E-21	-0.001229
9.41E-23	1.04E-05	-1.36E-21	
13	0.000741	-5.27E-21	-0.001206
1.46E-22	5.50E-05	-2.92E-22	
14	0.000742	-5.26E-21	-0.001207
1.60E-22	7.32E-05	-2.92E-22	
15	0.000743	-3.19E-21	-0.001266
2.17E-22	0.000175	4.08E-21	
16	0.000744	2.92E-21	-0.001589
2.17E-22	0.000282	8.04E-21	
17	0.000744	3.94E-21	-0.001637
2.17E-22	0.000280	8.36E-21	
18	0.000745	1.29E-20	-0.002032
2.17E-22	0.000333	1.03E-20	
19	0.000745	2.91E-20	-0.002555
2.17E-22	0.000334	1.04E-20	
20	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000
21	0.000000	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 SVO13 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	0.000730	4.12E-21	-0.001789
-2.17E-22	-0.000133	-1.17E-22	
2	0.000729	3.94E-21	-0.001580
-2.17E-22	-0.000132	-9.60E-23	
3	0.000729	3.84E-21	-0.001385
-2.17E-22	-0.000148	-3.02E-22	
4	0.000729	3.81E-21	-0.001361
-2.17E-22	-0.000114	-2.69E-22	
5	0.000728	3.19E-21	-0.001195
-2.17E-22	-6.69E-05	-1.10E-21	
6	0.000730	1.77E-21	-0.001186
-1.83E-22	-3.02E-05	-1.77E-21	
7	0.000730	1.36E-21	-0.001188
-1.75E-22	-2.38E-05	-1.88E-21	
8	0.000733	-1.42E-22	-0.001224
-1.23E-22	-2.29E-06	-1.08E-21	
9	0.000736	-1.34E-21	-0.001315
-2.78E-23	1.29E-05	-1.04E-21	
10	0.000737	-1.57E-21	-0.001325
-1.44E-23	7.78E-06	-1.29E-21	
11	0.000737	-1.86E-21	-0.001315
-9.02E-25	1.68E-06	-1.58E-21	
12	0.000740	-4.51E-21	-0.001229
9.41E-23	1.04E-05	-1.36E-21	
13	0.000741	-5.27E-21	-0.001206
1.46E-22	5.50E-05	-2.92E-22	
14	0.000742	-5.26E-21	-0.001207
1.60E-22	7.32E-05	-2.92E-22	
15	0.000743	-3.19E-21	-0.001266
2.17E-22	0.000175	4.08E-21	
16	0.000744	2.92E-21	-0.001589
2.17E-22	0.000282	8.04E-21	
17	0.000744	3.94E-21	-0.001637
2.17E-22	0.000291	8.38E-21	

18	0.000745	1.29E-20	-0.002032
2.17E-22	0.000333	1.03E-20	
19	0.000745	2.91E-20	-0.002555
2.17E-22	0.000334	1.04E-20	
20	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000
21	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000

COMB SVO14 ----- MAX

JOINT RX	UX RY	UY RZ	UZ
1	-2.67E-05	5.96E-21	-0.001458
-1.91E-22	-0.000177	-7.73E-22	
2	0.000129	4.77E-21	-0.001274
-1.91E-22	-0.000116	-7.52E-22	
3	0.000223	4.05E-21	-0.001109
-1.91E-22	-0.000105	-8.33E-22	
4	0.000235	3.95E-21	-0.001089
-1.91E-22	-0.000103	-8.85E-22	
5	0.000332	2.81E-21	-0.000946
-1.91E-22	-6.65E-05	-1.53E-21	
6	0.000430	1.03E-21	-0.000925
-1.61E-22	-3.62E-05	-2.09E-21	
7	0.000453	5.56E-22	-0.000924
-1.54E-22	-3.08E-05	-2.18E-21	
8	0.000554	-1.30E-21	-0.000940
-1.08E-22	-1.26E-06	-1.47E-21	
9	0.000706	-2.91E-21	-0.001001
-2.45E-23	1.14E-05	-1.04E-21	
10	0.000727	-3.13E-21	-0.001009
-1.26E-23	9.09E-06	-1.16E-21	
11	0.000747	-3.37E-21	-0.001002
-7.93E-25	5.85E-06	-1.32E-21	
12	0.000898	-5.21E-21	-0.000948
8.28E-23	2.41E-05	-6.84E-22	
13	0.000998	-5.33E-21	-0.000948
1.29E-22	6.58E-05	3.13E-22	
14	0.001021	-5.19E-21	-0.000954
1.40E-22	8.20E-05	9.19E-22	
15	0.001119	-2.81E-21	-0.001026
1.91E-22	0.000171	4.15E-21	
16	0.001217	2.93E-21	-0.001314
1.91E-22	0.000256	7.30E-21	
17	0.001230	3.86E-21	-0.001355
1.91E-22	0.000263	7.57E-21	
18	0.001325	1.19E-20	-0.001699
1.91E-22	0.000298	9.17E-21	
19	0.001480	2.62E-20	-0.002167
1.91E-22	0.000299	9.27E-21	
20	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000
21	0.000000	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 SVO14 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	-2.67E-05	5.96E-21	-0.001458
-1.91E-22	-0.000177	-7.73E-22	
2	0.000129	4.77E-21	-0.001274
-1.91E-22	-0.000116	-7.52E-22	
3	0.000223	4.05E-21	-0.001109
-1.91E-22	-0.000105	-8.33E-22	
4	0.000235	3.95E-21	-0.001089
-1.91E-22	-0.000103	-8.85E-22	
5	0.000332	2.81E-21	-0.000946
-1.91E-22	-6.65E-05	-1.53E-21	
6	0.000430	1.03E-21	-0.000925
-1.61E-22	-3.62E-05	-2.09E-21	
7	0.000453	5.56E-22	-0.000924
-1.54E-22	-3.08E-05	-2.18E-21	
8	0.000554	-1.30E-21	-0.000940
-1.08E-22	-1.26E-06	-1.47E-21	
9	0.000706	-2.91E-21	-0.001001
-2.45E-23	1.14E-05	-1.04E-21	
10	0.000727	-3.13E-21	-0.001009
-1.26E-23	9.09E-06	-1.16E-21	
11	0.000747	-3.37E-21	-0.001002
-7.93E-25	5.85E-06	-1.32E-21	
12	0.000898	-5.21E-21	-0.000948
8.28E-23	2.41E-05	-6.84E-22	
13	0.000998	-5.33E-21	-0.000948
1.29E-22	6.58E-05	3.13E-22	
14	0.001021	-5.19E-21	-0.000954
1.40E-22	8.20E-05	9.19E-22	
15	0.001119	-2.81E-21	-0.001026
1.91E-22	0.000171	4.15E-21	
16	0.001217	2.93E-21	-0.001314
1.91E-22	0.000256	7.30E-21	
17	0.001230	3.86E-21	-0.001355
1.91E-22	0.000263	7.57E-21	
18	0.001325	1.19E-20	-0.001699
1.91E-22	0.000298	9.17E-21	
19	0.001480	2.62E-20	-0.002167
1.91E-22	0.000299	9.27E-21	
20	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000
21	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000

COMB SVO15 ----- MAX

JOINT RX	UX RY	UY RZ	UZ
1	0.000710	3.37E-21	-0.001377
-1.77E-22	-9.44E-05	-1.10E-22	
2	0.000710	3.21E-21	-0.001227
-1.77E-22	-9.35E-05	-8.90E-23	
3	0.000710	3.12E-21	-0.001084
-1.77E-22	-8.29E-05	-1.70E-22	
4	0.000709	3.09E-21	-0.001067
-1.77E-22	-8.00E-05	-2.22E-22	
5	0.000709	2.60E-21	-0.000946
-1.77E-22	-4.39E-05	-6.85E-22	
6	0.000710	1.50E-21	-0.000945
-1.49E-22	-1.68E-05	-1.36E-21	
7	0.000711	1.19E-21	-0.000948
-1.42E-22	-1.20E-05	-1.44E-21	
8	0.000712	2.16E-23	-0.000981
-1.00E-22	-1.18E-05	-6.69E-22	
9	0.000715	-1.00E-21	-0.001053
-2.27E-23	1.33E-05	-8.89E-22	

11 0.001416 -1.92E-21 -0.001373
-1.05E-24 1.48E-05 -1.96E-21
12 0.001419 5.12E-21 -0.001296
1.10E-22 2.65E-05 -1.23E-21
13 0.001420 -6.05E-21 -0.001285
1.70E-22 7.81E-05 -3.93E-22
14 0.001420 -6.05E-21 -0.001290
1.86E-22 9.90E-05 3.90E-22
15 0.001421 3.72E-21 -0.001372
2.53E-22 0.00216 6.5E-21
16 0.001423 3.06E-21 -0.001740
2.53E-22 0.000329 8.84E-21
17 0.001423 4.19E-21 -0.001794
2.53E-22 0.000339 9.20E-21
18 0.001424 1.40E-20 -0.002240
2.53E-22 0.000387 1.14E-20
19 0.001424 3.20E-20 -0.002848
2.53E-22 0.000389 1.16E-20
20 0.00000 0.00000 0.00000
.000000 .000000 .000000
21 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000
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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 ULO03 ----- MIN

JOINT RX UX RY UY UZ
1 0.001408 4.99E-21 -0.001659
-2.53E-22 9.58E-05 -2.22E-22
2 0.001409 4.66E-21 -0.001506
-2.53E-22 -9.47E-05 -1.95E-22
3 0.001408 4.46E-21 -0.001345
-2.53E-22 -8.24E-05 -2.99E-22
4 0.001408 4.42E-21 -0.001325
-2.53E-22 -7.89E-05 -3.63E-22
5 0.001407 3.72E-21 -0.001192
-2.53E-22 -3.31E-05 -1.18E-21
6 0.001409 2.29E-21 -0.001208
-2.13E-22 -1.72E-06 -1.73E-21
7 0.001409 1.89E-21 -0.001216
-2.04E-22 2.47E-06 -1.92E-21
8 0.001412 3.61E-22 -0.001269
-1.43E-22 2.80E-05 -1.22E-21
9 0.001416 -1.26E-21 -0.001371
-3.24E-23 2.63E-05 -1.40E-21
10 0.001416 -1.56E-21 -0.001382
-1.67E-23 -1.64E-21 -1.64E-21
11 0.001416 -1.92E-21 -0.001373
-1.05E-24 1.48E-05 -1.96E-21
12 0.001419 5.12E-21 -0.001296
1.10E-22 2.65E-05 -1.63E-21
13 0.001420 1.40E-20 -0.001285
1.70E-22 7.81E-05 -3.93E-22
14 0.001420 -6.05E-21 -0.001290
1.86E-22 9.90E-05 3.90E-22
15 0.001421 3.72E-21 -0.001372
2.53E-22 0.000216 6.5E-21
16 0.001423 3.06E-21 -0.001740
2.53E-22 0.000329 8.84E-21
17 0.001423 4.19E-21 -0.001794
2.53E-22 0.000339 9.20E-21
18 0.001424 1.40E-20 -0.002240
2.53E-22 0.000387 1.14E-20
19 0.001424 3.20E-20 -0.002848
2.53E-22 0.000389 1.16E-20
20 0.00000 0.00000 0.00000
.000000 .000000 .000000
21 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000
COMB ULO04 ----- MAX

JOINT RX UX RY UY UZ
1 0.000948 5.35E-21 -0.002326
-2.82E-22 -0.000948 -1.52E-22
2 0.000948 5.13E-21 -0.002054
-2.82E-22 -0.000171 -1.25E-22
3 0.000948 4.99E-21 -0.001801
-2.82E-22 -0.000152 -2.62E-22
4 0.000948 4.96E-21 -0.001770
-2.82E-22 -0.000148 -3.50E-22
5 0.000947 4.44E-21 -0.001554
-2.82E-22 -8.70E-05 -1.44E-21
6 0.000949 2.31E-21 -0.001542
-2.38E-22 -3.93E-05 -2.31E-21
7 0.000950 1.77E-21 -0.001545
-2.27E-22 3.09E-05 -1.45E-21
8 0.000952 -1.85E-22 -0.001592
-1.60E-22 1.21E-05 -1.41E-21
9 0.000957 -1.74E-21 -0.001709
-3.62E-23 1.68E-05 -1.35E-21
10 0.000958 -2.04E-21 -0.001723
-1.87E-23 1.01E-05 -1.68E-21
11 0.000958 -2.41E-21 -0.001710
-1.17E-24 2.18E-06 -2.06E-21
12 0.000962 -5.87E-21 -0.001597
1.22E-22 1.35E-05 -1.77E-21
13 0.000964 -6.85E-21 -0.001568
1.90E-22 7.15E-05 -1.85E-21
14 0.000964 -6.84E-21 -0.001569
2.08E-22 9.52E-05 5.03E-22
15 0.000966 -4.14E-21 -0.001646
2.82E-22 0.000227 5.31E-21
16 0.000967 3.79E-21 -0.002065
2.82E-22 0.000367 1.05E-20
17 0.000967 5.13E-21 -0.002128
2.82E-22 0.000378 1.09E-20
18 0.000968 1.68E-20 -0.002642
2.82E-22 0.000433 1.34E-20
19 0.000968 3.78E-20 -0.003321
2.82E-22 0.000435 1.36E-20
20 0.00000 0.00000 0.00000
.000000 .000000 .000000
21 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000
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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 ULO04 ----- MIN

JOINT RX UX RY UY UZ
1 0.000948 5.35E-21 -0.002326
-2.82E-22 -0.000172 -1.52E-22
2 0.000948 5.13E-21 -0.002054
-2.82E-22 -0.000171 -1.25E-22
3 0.000948 4.99E-21 -0.001801
-2.82E-22 -0.000152 -2.62E-22
4 0.000948 4.96E-21 -0.001770
-2.82E-22 -0.000148 -3.50E-22

5 0.000947 4.14E-21 -0.001554
-2.82E-22 -8.70E-05 -1.44E-21
6 0.000949 2.31E-21 -0.001542
-2.38E-22 3.93E-05 -2.31E-21
7 0.000950 1.77E-21 -0.001545
-2.27E-22 3.09E-05 -1.45E-21
8 0.000952 -1.85E-22 -0.001592
-1.60E-22 1.21E-05 -1.41E-21
9 0.000957 -1.74E-21 -0.001709
-3.62E-23 1.68E-05 -1.35E-21
10 0.000958 -2.04E-21 -0.001723
-1.87E-23 1.01E-05 -1.68E-21
11 0.000958 -2.41E-21 -0.001710
-1.17E-24 2.18E-06 -2.06E-21
12 0.000962 -5.87E-21 -0.001597
1.22E-22 1.35E-05 -1.77E-21
13 0.000964 -6.85E-21 -0.001568
1.90E-22 7.15E-05 -1.85E-21
14 0.000964 -6.84E-21 -0.001569
2.08E-22 9.52E-05 5.03E-22
15 0.000966 -4.14E-21 -0.001646
2.82E-22 0.000227 5.31E-21
16 0.000967 3.79E-21 -0.002065
2.82E-22 0.000367 1.05E-20
17 0.000967 5.13E-21 -0.002128
2.82E-22 0.000378 1.09E-20
18 0.000968 1.68E-20 -0.002642
2.82E-22 0.000433 1.34E-20
19 0.000968 3.78E-20 -0.003321
2.82E-22 0.000435 1.36E-20
20 0.00000 0.00000 0.00000
.000000 .000000 .000000
21 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000
COMB ULO05 ----- MAX

JOINT RX UX RY UY UZ
1 0.000923 4.38E-21 -0.001790
-2.30E-22 -0.000123 -1.43E-22
2 0.000923 4.17E-21 -0.001596
-2.30E-22 -0.000122 -1.16E-22
3 0.000922 4.05E-21 -0.001410
-2.30E-22 -0.000108 -2.22E-22
4 0.000922 4.02E-21 -0.001387
-2.30E-22 -0.000104 -2.89E-22
5 0.000922 3.38E-21 -0.001229
-2.30E-22 -5.71E-05 -1.12E-21
6 0.000923 1.96E-21 -0.001229
-1.94E-22 -2.10E-05 -1.77E-21
7 0.000924 1.55E-21 -0.001233
-1.85E-22 -1.57E-05 -1.87E-21
8 0.000926 2.81E-23 -0.001275
-1.30E-22 1.54E-05 -1.13E-21
9 0.000930 -1.31E-21 -0.001369
-2.95E-23 1.73E-05 -1.16E-21
10 0.000930 -1.56E-21 -0.001380
-1.52E-23 1.23E-05 -1.40E-21
11 0.000931 -1.87E-21 -0.001371
-9.55E-25 5.98E-06 -1.70E-21
12 0.000933 -4.71E-21 -0.001287
9.97E-23 1.53E-05 -1.46E-21
13 0.000935 -5.54E-21 -0.001268
1.55E-22 6.22E-05 -3.39E-22
14 0.000935 -5.53E-21 -0.001269
1.69E-22 8.13E-05 3.76E-22
15 0.000937 -3.38E-21 -0.001335
2.30E-22 0.000939 8.7E-21
16 0.000937 2.99E-21 -0.001675
2.30E-22 0.000299 8.37E-21
17 0.000938 4.06E-21 -0.001725
2.30E-22 0.000309 8.72E-21
18 0.000938 1.34E-20 -0.002140
2.30E-22 0.000339 3.04E-20
19 0.000938 3.04E-20 -0.002696
2.30E-22 0.000355 1.09E-20
20 0.00000 0.00000 0.00000
.000000 .000000 .000000
21 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000
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

COMB ULO05 ----- MIN

JOINT RX UX RY UY UZ
1 0.000923 4.38E-21 -0.001790
-2.30E-22 -0.000123 -1.43E-22
2 0.000923 4.17E-21 -0.001596
-2.30E-22 -0.000122 -1.16E-22
3 0.000922 4.05E-21 -0.001410
-2.30E-22 -0.000108 -2.22E-22
4 0.000922 4.02E-21 -0.001387
-2.30E-22 -0.000104 -2.89E-22
5 0.000922 3.38E-21 -0.001229
-2.30E-22 -5.71E-05 -1.12E-21
6 0.000923 1.96E-21 -0.001229
-1.94E-22 -2.18E-05 -1.77E-21
7 0.000924 1.55E-21 -0.001233
-1.85E-22 -1.57E-05 -1.87E-21
8 0.000926 2.81E-23 -0.001275
-1.30E-22 1.54E-05 -1.13E-21
9 0.000930 -1.31E-21 -0.001369
-2.95E-23 1.73E-05 -1.16E-21
10 0.000930 -1.56E-21 -0.001380
-1.52E-23 1.23E-05 -1.40E-21
11 0.000931 -1.87E-21 -0.001371
-9.55E-25 5.98E-06 -1.70E-21
12 0.000933 -4.71E-21 -0.001287
9.97E-23 1.53E-05 -1.46E-21
13 0.000935 -5.54E-21 -0.001268
1.55E-22 6.22E-05 -3.39E-22
14 0.000935 -5.53E-21 -0.001269
1.69E-22 8.13E-05 3.76E-22
15 0.000937 -3.38E-21 -0.001335
2.30E-22 0.000189 4.28E-21
16 0.000937 2.99E-21 -0.001675
2.30E-22 0.000299 8.37E-21
17 0.000938 4.06E-21 -0.001725
2.30E-22 0.000309 8.72E-21
18 0.000938 1.34E-20 -0.002140
2.30E-22 0.000353 1.08E-20
19 0.000938 3.04E-20 -0.002696
2.30E-22 0.000355 1.09E-20
20 0.00000 0.00000 0.00000
.000000 .000000 .000000
21 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000
COMB ULO06 ----- MAX

JOINT RX UX RY UY UZ
1 0.000802 7.61E-21 -0.002667
-2.62E-22 -0.000802 -5.52E-22
2 0.000802 6.29E-21 -0.002274
-2.62E-22 -0.000477 -5.51E-21
3 0.000802 -9.67E-22 -0.001949
-2.62E-22 -0.000461 -5.38E-21

-2.62E-22 -0.000222 -1.06E-21
5 -0.000334 3.85E-21 -0.001621
-2.62E-22 -0.000159 2.82E-21
6 -0.000206 1.15E-21 -0.001553
-2.21E-22 -9.82E-05 -3.30E-21
7 -0.000176 3.84E-22 -0.001544
-2.11E-22 -8.73E-05 -3.49E-21
8 -4.47E-05 -2.44E-21 -0.001552
-1.48E-22 -2.78E-05 -2.03E-21
9 -0.20E-05 -4.29E-21 -0.001639
-3.36E-23 -3.20E-06 -1.17E-21
10 0.000179 -4.54E-21 -0.001651
-1.73E-23 -8.24E-06 -1.42E-21
11 0.000206 -4.85E-21 -0.001636
-1.09E-24 -1.33E-05 -1.67E-21
12 0.000404 7.26E-21 -0.001525
1.14E-22 9.37E-06 -9.02E-22
13 0.000535 -7.39E-21 -0.001500
1.76E-22 6.67E-05 4.67E-22
14 0.000565 -7.19E-21 -0.001502
1.93E-22 8.92E-05 1.31E-21
15 0.000693 -3.85E-21 -0.001578
2.62E-22 0.000213 5.79E-21
16 0.000820 4.45E-21 -0.001981
2.62E-22 0.000346 1.07E-20
17 0.000836 5.82E-21 -0.002040
2.62E-22 0.000723 1.11E-20
18 0.000959 1.72E-20 -0.002531
2.62E-22 0.000404 1.33E-20
19 0.001161 3.83E-20 -0.003166
2.62E-22 0.000406 1.34E-20
20 0.00000 0.00000 0.00000
.000000 .000000 .000000
0.00000 0.00000 0.00000
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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 ULO06 ----- MIN

JOINT RX UX RY UY UZ
1 0.000802 7.61E-21 -0.002667
-2.62E-22 -0.000251 -8.52E-22
2 -0.000600 6.29E-21 -0.002274
-2.62E-22 -0.000250 -8.25E-22
3 -0.000477 5.51E-21 -0.001949
-2.62E-22 -0.000228 -9.67E-22
4 -0.000461 5.38E-21 -0.001908
-2.62E-22 -0.000222 -1.06E-21
5 -0.000334 3.85E-21 -0.001621
-2.62E-22 -0.000159 -2.20E-21
6 -0.000206 1.15E-21 -0.001553
-2.21E-22 -9.82E-05 -3.30E-21
7 -0.000176 3.84E-22 -0.001544
-2.11E-22 -8.73E-05 -3.49E-21
8 -4.47E-05 -2.44E-21 -0.001552
-1.48E-22 -2.78E-05 -2.03E-21
9 0.000153 -4.29E-21 -0.001639
-3.36E-23 -3.20E-06 -1.17E-21
10 0.000179 -4.54E-21 -0.001651
-1.73E-23 8.24E-06 -1.42E-21
11 0.000206 -4.85E-21 -0.001636
-1.09E-24 -1.33E-05 -1.67E-21
12 0.000404 7.26E-21 -0.001525
1.14E-22 9.37E-06 -9.02E-22
13 0.000535 -7.39E-21 -0.001500
1.76E-22 6.67E-05 4.67E-22
14 0.000565 -7.19E-21 -0.001502
1.93E-22 8.92E-05 1.31E-21
15 0.000693 -3.85E-21 -0.001578
2.62E-22 0.000213 5.79E-21
16 0.000820 4.45E-21 -0.001981
2.62E-22 0.000346 1.07E-20
17 0.000836 5.82E-21 -0.002040
2.62E-22 0.000357 1.11E-20
18 0.000959 1.75E-20 -0.002531
2.62E-22 0.000404 1.33E-20
19 0.001161 3.83E-20 -0.003166
2.62E-22 0.000406 1.34E-20
20 0.00000 0.00000 0.00000
.000000 .000000 .000000
21 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000
COMB ULO07 ----- MAX

JOINT RX UX RY UY UZ
1 0.000153 4.23E-21 -0.002561
-2.44E-22 -0.000221 9.94E-24
2 0.000156 4.26E-21 -0.002214
-2.44E-22 -0.000220 3.68E-23
3 0.000156 4.29E-21 -0.001916
-2.44E-22 -0.000198 -1.06E-22
4 -0.000198 -1.06E-22 -0.001879
-2.44E-22 -0.000193 -2.00E-22
5 0.000156 3.58E-21 -0.001621
-2.44E-22 -0.000129 -1.34E-21
6 0.000158 1.76E-21 -0.001579
-2.05E-22 7.29E-05 -2.36E-21
7 0.000158 4.27E-21 -0.001576
-1.96E-22 -6.29E-05 -2.53E-21
8 0.000161 -7.27E-22 -0.001604
-1.38E-22 -1.08E-05 -1.25E-21
9 0.000165 -1.81E-21 -0.001707
-3.12E-23 -6.47E-07 -9.71E-22
10 0.000165 -2.04E-21 -0.001719
-1.61E-23 -7.77E-06 -1.31E-21
11 0.000166 -2.33E-21 -0.001704
-1.01E-24 -1.49E-05 -1.66E-21
12 0.000170 -5.19E-21 -0.001580
1.06E-22 -6.64E-06 -1.47E-21
13 0.000172 6.40E-21 -0.001535
1.64E-22 4.34E-05 -2.80E-22
14 0.000173 -5.97E-21 -0.001532
1.79E-22 6.39E-05 4.87E-22
15 0.000175 -5.58E-21 -0.001578
2.44E-22 0.000179 4.68E-21
16 0.000175 8.63E-21 -0.001948
2.44E-22 0.000312 9.60E-21
17 0.000175 4.86E-21 -0.002004
2.44E-22 0.000323 1.00E-20
18 0.000175 1.55E-20 -0.002463
2.44E-22 0.000370 1.22E-20
19 0.000175 3.46E-20 -0.003044
2.44E-22 0.000372 1.23E-20
20 0.00000 0.00000 0.00000
.000000 .000000 .000000
21 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000
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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 ULO07 ----- MIN

JOINT RX UX RY UY UZ
1 0.000156 4.23E-21 -0.002561
-2.44E-22 -0.000221 9.94E-24
2 0.000156 4.26E-21 -0.002214
-2.44E-22 -0.000220 3.68E-23
3 0.000156 4.29E-21 -0.001916
-2.44E-22 -0.000198 -1.06E-22
4 0.000156 4.27E-21 -0.001879
-2.44E-22 -0.000193 -2.00E-22
5 0.000156 3.58E-21 -0.001621
-2.44E-22 0.000129 -1.34E-21
6 0.000158 1.76E-21 -0.001579
-2.05

.000000	.000000	.000000			
COMB	ULO09	-----	MAX		
JOINT					
RX	UX	UY	UZ		
1	0.000131	3.27E-21	-0.002026		
2	-1.92E-22	-0.000172	1.90E-23		
3	0.000131	3.31E-21	-0.001756		
4	-1.92E-22	-0.000170	4.59E-23		
5	0.000131	3.35E-21	-0.001525		
6	-1.92E-22	-0.000153	-6.47E-23		
7	0.000131	3.33E-21	-0.001497		
8	-1.92E-22	-0.000149	-1.38E-22		
9	0.000131	2.81E-21	-0.001297		
10	-1.92E-22	-9.92E-05	-1.03E-21		
11	0.000132	1.41E-21	-0.001266		
12	-1.61E-22	-5.54E-05	-1.82E-21		
13	0.000133	9.83E-22	-0.001264		
14	-1.54E-22	-4.76E-05	-1.95E-21		
15	0.000135	5.13E-22	-0.001288		
16	-1.08E-22	-7.47E-06	-9.71E-22		
17	0.000138	-1.38E-21	-0.001367		
18	-2.45E-23	-1.04E-07	-7.74E-22		
19	0.000138	-1.55E-21	-0.001377		
20	-1.27E-23	-5.60E-06	-1.04E-21		
21	0.000138	-1.79E-21	-0.001365		
22	-7.95E-25	-1.11E-05	-1.30E-21		
23	0.000142	-4.04E-21	-0.001270		
24	8.30E-23	-4.84E-06	-1.17E-21		
25	0.000143	-4.68E-21	-0.001234		
26	1.29E-22	3.41E-05	-2.39E-22		
27	0.000144	-4.67E-21	-0.001232		
28	1.41E-22	5.01E-05	-2.81E-21		
29	0.000146	-2.81E-21	-0.001267		
30	1.92E-22	0.000141	3.65E-21		
31	0.000146	2.83E-21	-0.001558		
32	1.92E-22	0.000245	7.52E-21		
33	0.000146	7.79E-21	-0.001601		
34	1.92E-22	0.000254	7.84E-21		
35	0.000191	1.21E-20	-0.001961		
36	1.92E-22	0.000291	9.54E-21		
37	0.000196	2.71E-20	-0.002419		
38	1.92E-22	0.000293	9.67E-21		
39	0.000000	0.000000	0.000000		
40	.000000	.000000	.000000		
41	.000000	.000000	.000000		
42	.000000	.000000	.000000		
43	.000000	.000000	.000000		
44	.000000	.000000	.000000		
45	.000000	.000000	.000000		
46	.000000	.000000	.000000		
47	.000000	.000000	.000000		
48	.000000	.000000	.000000		
49	.000000	.000000	.000000		
50	.000000	.000000	.000000		
51	.000000	.000000	.000000		
52	.000000	.000000	.000000		
53	.000000	.000000	.000000		
54	.000000	.000000	.000000		
55	.000000	.000000	.000000		
56	.000000	.000000	.000000		
57	.000000	.000000	.000000		
58	.000000	.000000	.000000		
59	.000000	.000000	.000000		
60	.000000	.000000	.000000		
61	.000000	.000000	.000000		
62	.000000	.000000	.000000		
63	.000000	.000000	.000000		
64	.000000	.000000	.000000		
65	.000000	.000000	.000000		
66	.000000	.000000	.000000		
67	.000000	.000000	.000000		
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69	.000000	.000000	.000000		
70	.000000	.000000	.000000		
71	.000000	.000000	.000000		
72	.000000	.000000	.000000		
73	.000000	.000000	.000000		
74	.000000	.000000	.000000		
75	.000000	.000000	.000000		
76	.000000	.000000	.000000		
77	.000000	.000000	.000000		
78	.000000	.000000	.000000		
79	.000000	.000000	.000000		
80	.000000	.000000	.000000		
81	.000000	.000000	.000000		
82	.000000	.000000	.000000		
83	.000000	.000000	.000000		
84	.000000	.000000	.000000		
85	.000000	.000000	.000000		
86	.000000	.000000	.000000		
87	.000000	.000000	.000000		
88	.000000	.000000	.000000		
89	.000000	.000000	.000000		
90	.000000	.000000	.000000		
91	.000000	.000000	.000000		
92	.000000	.000000	.000000		
93	.000000	.000000	.000000		
94	.000000	.000000	.000000		
95	.000000	.000000	.000000		
96	.000000	.000000	.000000		
97	.000000	.000000	.000000		
98	.000000	.000000	.000000		
99	.000000	.000000	.000000		
100	.000000	.000000	.000000		

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JOINT DISPLACEMENTS
TRANSLATIONS AND ROTATIONS, IN GLOBAL
COORDINATES

COMB	ULO09	-----	MIN		
JOINT					
RX	UX	UY	UZ		
1	0.000131	3.27E-21	-0.002026		
2	-1.92E-22	-0.000172	1.90E-23		
3	0.000131	3.31E-21	-0.001756		
4	-1.92E-22	-0.000170	4.59E-23		
5	0.000131	3.35E-21	-0.001525		
6	-1.92E-22	-0.000153	-6.47E-23		
7	0.000131	3.33E-21	-0.001497		
8	-1.92E-22	-0.000149	-1.38E-22		
9	0.000131	2.81E-21	-0.001297		
10	-1.92E-22	-9.92E-05	-1.03E-21		
11	0.000132	1.41E-21	-0.001266		
12	-1.61E-22	-5.54E-05	-1.82E-21		
13	0.000133	9.83E-22	-0.001264		
14	-1.54E-22	-4.76E-05	-1.95E-21		
15	0.000135	5.13E-22	-0.001288		
16	-1.08E-22	-7.47E-06	-9.71E-22		
17	0.000138	-1.38E-21	-0.001367		
18	-2.45E-23	-1.04E-07	-7.74E-22		
19	0.000138	-1.55E-21	-0.001377		
20	-1.27E-23	-5.60E-06	-1.04E-21		
21	0.000138	-1.79E-21	-0.001365		
22	-7.95E-25	-1.11E-05	-1.30E-21		
23	0.000142	-4.04E-21	-0.001270		
24	8.30E-23	-4.84E-06	-1.17E-21		
25	0.000143	-4.68E-21	-0.001234		
26	1.29E-22	3.41E-05	-2.39E-22		
27	0.000144	-4.67E-21	-0.001232		
28	1.41E-22	5.01E-05	-2.81E-21		
29	0.000146	-2.81E-21	-0.001267		
30	1.92E-22	0.000141	3.65E-21		
31	0.000146	2.83E-21	-0.001558		
32	1.92E-22	0.000245	7.52E-21		
33	0.000146	7.79E-21	-0.001601		
34	1.92E-22	0.000254	7.84E-21		
35	0.000191	1.21E-20	-0.001961		
36	1.92E-22	0.000291	9.54E-21		
37	0.000196	2.71E-20	-0.002419		
38	1.92E-22	0.000293	9.67E-21		
39	0.000000	0.000000	0.000000		
40	.000000	.000000	.000000		
41	.000000	.000000	.000000		
42	.000000	.000000	.000000		
43	.000000	.000000	.000000		
44	.000000	.000000	.000000		
45	.000000	.000000	.000000		
46	.000000	.000000	.000000		
47	.000000	.000000	.000000		
48	.000000	.000000	.000000		
49	.000000	.000000	.000000		
50	.000000	.000000	.000000		
51	.000000	.000000	.000000		
52	.000000	.000000	.000000		
53	.000000	.000000	.000000		
54	.000000	.000000	.000000		
55	.000000	.000000	.000000		
56	.000000	.000000	.000000		
57	.000000	.000000	.000000		
58	.000000	.000000	.000000		
59	.000000	.000000	.000000		
60	.000000	.000000	.000000		
61	.000000	.000000	.000000		
62	.000000	.000000	.000000		
63	.000000	.000000	.000000		
64	.000000	.000000	.000000		
65	.000000	.000000	.000000		
66	.000000	.000000	.000000		
67	.000000	.000000	.000000		
68	.000000	.000000	.000000		
69	.000000	.000000	.000000		
70	.000000	.000000	.000000		
71	.000000	.000000	.000000		
72	.000000	.000000	.000000		
73	.000000	.000000	.000000		
74	.000000	.000000	.000000		
75	.000000	.000000	.000000		
76	.000000	.000000	.000000		
77	.000000	.000000	.000000		
78	.000000	.000000	.000000		
79	.000000	.000000	.000000		
80	.000000	.000000	.000000		
81	.000000	.000000	.000000		
82	.000000	.000000	.000000		
83	.000000	.000000	.000000		
84	.000000	.000000	.000000		
85	.000000	.000000	.000000		
86	.000000	.000000	.000000		
87	.000000	.000000	.000000		
88	.000000	.000000	.000000		
89	.000000	.000000	.000000		
90	.000000	.000000	.000000		
91	.000000	.000000	.000000		
92	.000000	.000000	.000000		
93	.000000	.000000	.000000		
94	.000000	.000000	.000000		
95	.000000	.000000	.000000		
96	.000000	.000000	.000000		
97	.000000	.000000	.000000		
98	.000000	.000000	.000000		
99	.000000	.000000	.000000		
100	.000000	.000000	.000000		

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JOINT DISPLACEMENTS
TRANSLATIONS AND ROTATIONS, IN GLOBAL
COORDINATES

2.61E-22	-0.000107	-1.12E-21		
4	0.000761	5.32E-21		-0.001302
-2.61E-22	-0.000104	-1.18E-21		
5	0.000881	3.83E-21		-0.001146
-2.61E-22	-6.00E-05	-1.96E-21		
6	0.001004	1.61E-21		-0.001137
-2.20E-22	-2.70E-05	-2.58E-21		
10	0.001033	1.02E-21		-0.001138
-2.10E-22	-2.10E-05	-2.68E-21		
8	0.001160	-1.30E-21		-0.001169
-1.48E-22	1.06E-05	-1.93E-21		
9	0.001350	-3.59E-21		-0.001253
-3.34E-23	2.28E-05	-1.54E-21		
10	0.001375	-2.77E-21		-0.001264
-1.73E-23	2.01E-05	-1.68E-21		
11	0.001400	-4.27E-21		-0.001255
-1.08E-24	1.58E-05	-1.89E-21		
12	0.001589	-6.91E-21		-0.001194
1.13E-22	4.08E-05	-1.02E-21		
13	0.001714	-9.57E-21		-0.001203
-1.76E-22	9.75E-05	-3.40E-22		
14	0.001742	-6.98E-21		-0.001212
1.92E-22	0.000120	1.16E-21		
15	0.001865	-3.83E-21		-0.001319
2.61E-22	0.000240	5.54E-21		
16	0.001988	3.72E-21		-0.001705
2.61E-22	0.000249	9.57E-21		
17	0.002004	4.94E-21		-0.001761
2.61E-22	0.000359	9.92E-21		
18	0.002123	1.54E-20		-0.002226
2.61E-22	0.000405	1.21E-20		
19	0.002317	3.44E-20		-0.002855
2.61E-22	0.000207	1.22E-20		
20	0.000000	0.000000		0.000000
0.000000	0.000000	0.000000		0.000000

-1.35E-22	-1.57E-06	-1.84E-21		8	0.000103	-3.95E-22	-0.000990	2	0.000156	4.26E-21	-0.002214	-2.34E-22	-0.000214	-4.28E-25	
9	0.000883	-3.64E-21	-0.001252	-8.33E-23	-5.74E-06	-7.47E-22		-2.44E-22	-0.000220	3.68E-23		2	0.000144	4.12E-21	-0.002109
-3.06E-23	1.42E-05	-1.30E-21		-1.89E-23	0.000106	-1.06E-21	-0.001052	-2.44E-22	0.000156	4.29E-21	-0.001916	-2.34E-22	-0.000213	2.02E-23	
10	0.000908	4.71E-21	-0.001262	-9.74E-24	-8.03E-08	-5.95E-22		-2.44E-22	0.000198	-1.90E-21		7	0.000146	1.68E-21	-0.001820
-1.58E-23	1.14E-05	-1.45E-21		10	0.000106	-1.20E-21	-0.001059	-2.44E-22	0.000156	4.27E-21	-0.001879	-2.34E-22	-0.000192	-1.17E-22	
11	0.000933	-4.22E-21	-0.001253	-9.74E-24	-4.31E-06	-7.98E-22		-2.44E-22	-0.000193	-2.00E-22		4	0.000144	4.11E-21	-0.001784
-9.92E-25	7.31E-06	-1.65E-21		11	0.000107	-1.37E-21	-0.001050	5	0.000156	3.58E-21	-0.001621	-2.34E-22	-0.000187	-2.08E-22	
12	0.001122	-6.52E-21	-0.001185	-6.12E-25	-8.55E-06	-1.00E-21		-2.44E-22	-0.000129	-1.34E-21		5	0.000144	3.43E-21	-0.001534
1.03E-22	3.01E-05	-8.55E-21		12	0.000109	-3.10E-21	-0.000977	6	0.000158	1.76E-21	-0.001579	-2.34E-22	-0.000126	-1.30E-21	
13	0.000908	3.62E-21	-0.001186	6.38E-23	-3.72E-06	-8.96E-22		-2.05E-22	-0.000158	-2.30E-21		6	0.000146	1.68E-21	-0.001492
1.61E-22	8.22E-05	3.92E-22		13	0.000110	-3.60E-21	-0.000949	7	0.000158	1.21E-21	-0.001576	-1.97E-22	-0.000157	-2.29E-21	
14	0.001276	-6.49E-21	-0.001193	9.91E-23	2.62E-05	-1.84E-22		-1.96E-22	-6.29E-05	-2.53E-21		7	0.000146	1.13E-21	-0.001488
1.76E-22	0.000103	1.15E-21		14	0.000111	-3.59E-21	-0.000947	8	0.000161	-7.27E-22	-0.001604	-1.88E-22	-6.19E-05	-2.45E-21	
15	0.001399	-3.51E-21	-0.001283	1.08E-22	3.85E-05	2.77E-22		-1.38E-22	-1.08E-05	-1.25E-21		8	0.000149	-7.47E-22	-0.001514
2.39E-22	0.000214	5.18E-21		15	0.000112	-2.16E-21	-0.000975	-3.12E-23	0.000165	-1.81E-21	-0.001707	-1.32E-22	-1.12E-05	-1.21E-21	
16	0.001521	3.66E-21	-0.001642	1.47E-22	0.000108	2.81E-21		1.06E-22	-6.47E-07	-9.71E-22		9	0.000151	-1.78E-21	-0.001614
2.39E-22	0.000320	9.12E-21		16	0.000112	2.18E-21	-0.001198	10	0.000165	-2.04E-21	-0.001719	-2.99E-23	-9.70E-07	-9.22E-22	
17	0.001537	4.82E-21	-0.001694	1.47E-22	0.000189	5.78E-21		-1.61E-23	-7.77E-06	-1.31E-21		10	0.000153	-2.00E-21	-0.001626
2.39E-22	0.000329	9.46E-21		17	0.000112	2.92E-21	-0.001232	11	0.000166	-2.33E-21	-0.001704	-1.55E-23	-7.89E-06	-1.25E-21	
18	0.001656	1.48E-20	-0.002124	1.47E-22	0.000195	6.03E-21		-1.01E-24	-1.49E-05	-1.66E-21		11	0.000154	-2.28E-21	-0.001611
2.39E-22	0.000372	1.15E-20		18	0.000112	9.35E-21	-0.001509	12	0.000170	-5.19E-21	-0.001580	-9.71E-25	-1.48E-05	-1.59E-21	
19	0.001850	3.28E-20	-0.002709	1.47E-22	0.000224	7.34E-21		1.06E-22	-6.64E-06	-1.47E-21		12	0.000157	-5.02E-21	-0.001490
2.39E-22	0.000374	1.16E-20		19	0.000112	2.09E-20	-0.001861	13	0.000172	-6.00E-21	-0.001535	1.01E-22	-6.95E-06	-1.40E-21	
20	.000000	.000000	.000000	1.47E-22	0.000225	7.44E-21		1.64E-22	4.34E-05	-2.80E-22	-0.001532	13	0.000160	-5.78E-21	-0.001446
.000000	.000000	.000000	.000000	20	.000000	.000000	.000000	14	0.000173	-5.97E-21		14	0.000160	-5.75E-21	-0.001443
.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	1.79E-22	6.39E-05	4.87E-22	-0.001578	1.72E-22	6.14E-05	4.87E-22	
.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	2.44E-22	0.000175	-1.68E-21	-0.001578	15	0.000163	-3.43E-21	-0.001489
COMB	ULO15	-----	MAX	Program	SAP2000	Nonlinear	Version 7.42	16	0.000175	3.63E-21	-0.001948	2.34E-22	0.000172	4.51E-21	-0.001489
				File:청도1교하행_P9_본체.OUT				2.44E-22	0.000312	9.60E-21	-0.002004	16	0.000163	3.51E-21	-0.001844
								17	0.000175	4.86E-21		2.34E-22	0.000300	9.23E-21	
								2.44E-22	0.000323	1.00E-20		17	0.000163	4.69E-21	-0.001897
								18	0.000175	1.55E-20	-0.002463	2.34E-22	0.000310	9.62E-21	
								2.44E-22	0.000175	1.22E-20	-0.003044	18	0.000163	1.49E-20	-0.002338
								19	0.000175	3.46E-20		2.34E-22	0.000355	1.17E-20	
								2.44E-22	0.000372	1.23E-20		19	0.000163	3.32E-20	-0.002895
								20	.000000	.000000	.000000	2.34E-22	0.000356	1.18E-20	
								.000000	.000000	.000000	.000000	20	.000000	.000000	.000000
								.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
								COMB	ULO18	-----	MAX	Program	SAP2000	Nonlinear	Version 7.42
								JOINT	UX	UY	UZ	File:청도1교하행_P9_본체.OUT			
								RX	RY	RZ					
								-2.34E-22	0.001301	4.61E-21	-0.001531				
								2	-8.84E-05	-2.05E-22					
								-2.34E-22	0.001301	4.30E-21	-0.001390				
								2	-8.74E-05	-1.80E-22					
								3	0.001300	4.12E-21	-0.001242				
								-2.34E-22	-7.60105	-2.76E-22					
								-2.34E-22	0.001298	-1.44E-21	-0.001223				
								-2.34E-22	-7.27E-05	-3.35E-22					
								5	0.001298	3.43E-21	-0.001100				
								-2.34E-22	-3.05E-05	-1.09E-21					
								6	0.001300	2.11E-21	-0.001115				
								-1.97E-22	2.51E-06	-1.60E-21	-0.001122				
								-1.88E-22	2.28E-06	-1.68E-21					
								8	0.001303	3.33E-22	-0.001171				
								-1.32E-22	2.59E-05	-1.13E-21					
								9	0.001307	-1.16E-21	-0.001265				
								-2.99E-23	2.43E-05	-1.29E-21					
								10	0.001307	-1.44E-21	-0.001276				
								-1.54E-23	1.98E-05	-1.51E-21					
								11	0.001308	-1.77E-21	-0.001268				
								-9.70E-25	1.36E-05	-1.81E-21	-0.001197				
								12	0.001309	4.72E-21					
								1.01E-22	2.40E-05	-1.50E-21	-0.001187				
								13	0.001311	-5.59E-21	-0.001187				
								13	0.001311	-5.58E-21	-0.001191				
								14	0.001311	3.60E-22					
								14	0.001312	-3.43E-21	-0.001266				
								2.34E-22	0.001298	-1.44E-21	-0.001607				
								16	0.001313	2.82E-21					
								2.34E-22	0.000304	8.16E-21	-0.001656				
								17	0.001313	3.86E-21					
								2.34E-22	0.000313	8.50E-21	-0.002068				
								18	0.001315	1.30E-20					
								2.34E-22	0.001298	1.06E-22	-0.002629				
								19	0.000359	1.07E-20					
								20	.000000	.000000	.000000				
								.000000	.000000	.000000	.000000				
								.000000	.000000	.000000	.000000				
								COMB	ULO17	-----	MAX	Program	SAP2000	Nonlinear	Version 7.42
								JOINT	UX	UY	UZ	File:청도1교하행_P9_본체.OUT			
								RX	RY	RZ					
								-2.44E-22	0.000156	4.23E-21	-0.002561				
								2	0.000156	9.94E-21					
								-2.44E-22	-0.000220	3.68E-23	-0.002214				
								3	0.000156	4.29E-21	-0.001916				
								-2.44E-22	-0.000198	-1.06E-22					
								-2.44E-22	0.000156	4.27E-21	-0.001879				
								-2.44E-22	0.000156	3.58E-21	-0.001621				
								-2.44E-22	-0.000129	-1.34E-21					
								6	0.000158	1.76E-21	-0.001579				
								-2.05E-22	-0.000158	-2.30E-21					
								-1.96E-22	-6.29E-05	-2.53E-21					
								-1.38E-22	-1.08E-05	-1.25E-21					
								-3.12E-23	0.000165	-1.81E-21	-0.001707				
								1.06E-22	-6.47E-07	-9.71E-22					
								10	0.000165	-2.04E-21	-0.001719				
								-1.61E-23	-7.77E-06	-1.31E-21					
								11	0.000166						

JOINT DISPLACEMENTS
TRANSLATIONS AND ROTATIONS, IN GLOBAL
COORDINATES

COMB UEO02 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	0.000102	2.51E-21	-0.001558
2	-0.000132	1.46E-23	
3	0.000102	2.51E-21	
4	0.000102	2.51E-21	
5	0.000102	2.51E-21	
6	0.000102	2.51E-21	
7	0.000102	2.51E-21	
8	0.000102	2.51E-21	
9	0.000102	2.51E-21	
10	0.000102	2.51E-21	
11	0.000102	2.51E-21	
12	0.000102	2.51E-21	
13	0.000102	2.51E-21	
14	0.000102	2.51E-21	
15	0.000102	2.51E-21	
16	0.000102	2.51E-21	
17	0.000102	2.51E-21	
18	0.000102	2.51E-21	
19	0.000102	2.51E-21	
20	0.000102	2.51E-21	
21	0.000102	2.51E-21	
22	0.000102	2.51E-21	
23	0.000102	2.51E-21	
24	0.000102	2.51E-21	
25	0.000102	2.51E-21	
26	0.000102	2.51E-21	
27	0.000102	2.51E-21	
28	0.000102	2.51E-21	
29	0.000102	2.51E-21	
30	0.000102	2.51E-21	
31	0.000102	2.51E-21	
32	0.000102	2.51E-21	
33	0.000102	2.51E-21	
34	0.000102	2.51E-21	
35	0.000102	2.51E-21	
36	0.000102	2.51E-21	
37	0.000102	2.51E-21	
38	0.000102	2.51E-21	
39	0.000102	2.51E-21	
40	0.000102	2.51E-21	
41	0.000102	2.51E-21	
42	0.000102	2.51E-21	
43	0.000102	2.51E-21	
44	0.000102	2.51E-21	
45	0.000102	2.51E-21	
46	0.000102	2.51E-21	
47	0.000102	2.51E-21	
48	0.000102	2.51E-21	
49	0.000102	2.51E-21	
50	0.000102	2.51E-21	
51	0.000102	2.51E-21	
52	0.000102	2.51E-21	
53	0.000102	2.51E-21	
54	0.000102	2.51E-21	
55	0.000102	2.51E-21	
56	0.000102	2.51E-21	
57	0.000102	2.51E-21	
58	0.000102	2.51E-21	
59	0.000102	2.51E-21	
60	0.000102	2.51E-21	
61	0.000102	2.51E-21	
62	0.000102	2.51E-21	
63	0.000102	2.51E-21	
64	0.000102	2.51E-21	
65	0.000102	2.51E-21	
66	0.000102	2.51E-21	
67	0.000102	2.51E-21	
68	0.000102	2.51E-21	
69	0.000102	2.51E-21	
70	0.000102	2.51E-21	
71	0.000102	2.51E-21	
72	0.000102	2.51E-21	
73	0.000102	2.51E-21	
74	0.000102	2.51E-21	
75	0.000102	2.51E-21	
76	0.000102	2.51E-21	
77	0.000102	2.51E-21	
78	0.000102	2.51E-21	
79	0.000102	2.51E-21	
80	0.000102	2.51E-21	
81	0.000102	2.51E-21	
82	0.000102	2.51E-21	
83	0.000102	2.51E-21	
84	0.000102	2.51E-21	
85	0.000102	2.51E-21	
86	0.000102	2.51E-21	
87	0.000102	2.51E-21	
88	0.000102	2.51E-21	
89	0.000102	2.51E-21	
90	0.000102	2.51E-21	
91	0.000102	2.51E-21	
92	0.000102	2.51E-21	
93	0.000102	2.51E-21	
94	0.000102	2.51E-21	
95	0.000102	2.51E-21	
96	0.000102	2.51E-21	
97	0.000102	2.51E-21	
98	0.000102	2.51E-21	
99	0.000102	2.51E-21	
100	0.000102	2.51E-21	

COMB UEO03 ----- MAX

JOINT RX	UX RY	UY RZ	UZ
1	0.001381	4.24E-21	-0.001191
2	-5.62E-05	-2.26E-22	
3	0.001381	3.90E-21	-0.001101
4	-5.54E-05	-2.06E-22	
5	0.001379	3.69E-21	-0.000993
6	-4.70E-05	-2.84E-22	
7	0.001379	3.65E-21	-0.000980
8	-4.43E-05	-3.31E-22	
9	0.001378	3.07E-21	-0.000892
10	-1.01E-05	-9.40E-22	
11	0.001380	1.96E-21	-0.000916
12	1.01E-05	-1.31E-21	
13	0.001380	1.66E-21	-0.000924
14	1.35E-05	-1.37E-21	
15	0.001382	4.80E-22	-0.000971
16	2.98E-05	-9.96E-22	
17	0.001386	9.43E-22	-0.001055
18	2.64E-05	-1.22E-21	
19	0.001386	-1.20E-21	-0.001065
20	2.27E-05	-1.40E-21	
21	0.001386	-1.51E-21	-0.001058
22	-8.67E-25	-1.74E-05	
23	0.001388	-4.18E-21	-0.001003
24	9.05E-23	2.76E-05	-1.36E-21
25	0.001388	-4.97E-21	-0.001001
26	1.41E-22	7.02E-05	-3.38E-22
27	0.001389	-4.97E-21	-0.001006
28	1.54E-22	8.75E-05	3.07E-22
29	0.001391	1.5E-05	-0.001080
30	2.09E-22	0.000184	3.80E-21
31	0.001391	2.40E-21	-0.001381
32	2.09E-22	0.000273	7.11E-21
33	0.001391	3.31E-21	-0.001425
34	2.09E-22	0.000281	7.39E-21
35	0.001392	1.21E-20	-0.001787
36	2.09E-22	0.000320	9.25E-21
37	0.001392	2.57E-20	-0.002290
38	2.09E-22	0.000322	9.35E-21
39	0.000000	0.000000	0.000000
40	0.000000	0.000000	0.000000
41	0.000000	0.000000	0.000000
42	0.000000	0.000000	0.000000
43	0.000000	0.000000	0.000000
44	0.000000	0.000000	0.000000
45	0.000000	0.000000	0.000000
46	0.000000	0.000000	0.000000
47	0.000000	0.000000	0.000000
48	0.000000	0.000000	0.000000
49	0.000000	0.000000	0.000000
50	0.000000	0.000000	0.000000
51	0.000000	0.000000	0.000000
52	0.000000	0.000000	0.000000
53	0.000000	0.000000	0.000000
54	0.000000	0.000000	0.000000
55	0.000000	0.000000	0.000000
56	0.000000	0.000000	0.000000
57	0.000000	0.000000	0.000000
58	0.000000	0.000000	0.000000
59	0.000000	0.000000	0.000000
60	0.000000	0.000000	0.000000
61	0.000000	0.000000	0.000000
62	0.000000	0.000000	0.000000
63	0.000000	0.000000	0.000000
64	0.000000	0.000000	0.000000
65	0.000000	0.000000	0.000000
66	0.000000	0.000000	0.000000
67	0.000000	0.000000	0.000000
68	0.000000	0.000000	0.000000
69	0.000000	0.000000	0.000000
70	0.000000	0.000000	0.000000
71	0.000000	0.000000	0.000000
72	0.000000	0.000000	0.000000
73	0.000000	0.000000	0.000000
74	0.000000	0.000000	0.000000
75	0.000000	0.000000	0.000000
76	0.000000	0.000000	0.000000
77	0.000000	0.000000	0.000000
78	0.000000	0.000000	0.000000
79	0.000000	0.000000	0.000000
80	0.000000	0.000000	0.000000
81	0.000000	0.000000	0.000000
82	0.000000	0.000000	0.000000
83	0.000000	0.000000	0.000000
84	0.000000	0.000000	0.000000
85	0.000000	0.000000	0.000000
86	0.000000	0.000000	0.000000
87	0.000000	0.000000	0.000000
88	0.000000	0.000000	0.000000
89	0.000000	0.000000	0.000000
90	0.000000	0.000000	0.000000
91	0.000000	0.000000	0.000000
92	0.000000	0.000000	0.000000
93	0.000000	0.000000	0.000000
94	0.000000	0.000000	0.000000
95	0.000000	0.000000	0.000000
96	0.000000	0.000000	0.000000
97	0.000000	0.000000	0.000000
98	0.000000	0.000000	0.000000
99	0.000000	0.000000	0.000000
100	0.000000	0.000000	0.000000

Program SAP2000 Nonlinear Version 7.42

File:청도1교하행_P9_본체.OUT

Page : AAButPier SAP2000 6-7 데이터파일 : 교각 본체

95

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN GLOBAL

COORDINATES

COMB UEO03 ----- MIN

JOINT RX	UX RY	UY RZ	UZ
1	0.001381	4.24E-21	-0.001191
2	-5.62E-05	-2.26E-22	
3	0.001381	3.90E-21	-0.001101
4	-5.54E-05	-2.06E-22	
5	0.001379	3.69E-21	-0.000993
6	-4.70E-05	-2.84E-22	
7	0.001379	3.65E-21	-0.000980
8	-4.43E-05	-3.31E-22	
9	0.001378	3.07E-21	-0.000892
10	-1.01E-05	-9.40E-22	
11	0.001380	1.96E-21	-0.000916
12	1.01E-05	-1.31E-21	
13	0.001380	1.66E-21	-0.000924
14	1.35E-05	-1.37E-21	
15	0.001382	4.80E-22	-0.000971
16	2.98E-05	-9.96E-22	
17	0.001386	9.43E-22	-0.001055
18	2.64E-05	-1.22E-21	
19	0.001386	-1.20E-21	-0.001065
20	2.27E-05	-1.40E-21	
21	0.001386	-1.51E-21	-0.001058
22	-8.67E-25	-1.74E-05	
23	0.001388	-4.18E-21	-0.001003
24	9.05E-23	2.76E-05	-1.36E-21
25	0.001388	-4.97E-21	-0.001001
26	1.41E-22	7.02E-05	-3.38E-22
27	0.001389	-4.97E-21	-0.001006
28	1.54E-22	8.75E-05	3.07E-22
29	0.001391	1.5E-05	-0.001080
30	2.09E-22	0.000184	3.80E-21
31	0.001391	2.40E-21	-0.001381
32	2.09E-22	0.000273	7.11E-21
33	0.001391	3.31E-21	-0.001425
34	2.09E-22	0.000281	7.39E-21
35	0.001392	1.21E-20	-0.001787
36	2.09E-22	0.000320	9.25E-21
37	0.001392	2.57E-20	-0.002290
38	2.09E-22	0.000322	9.35E-21
39	0.000000	0.000000	0.000000
40	0.000000	0.000000	0.000000
41	0.000000	0.000000	0.000000
42	0.000000	0.000000	0.000000
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47	0.000000	0.000000	0.000000
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49	0.000000	0.000000	0.000000
50	0.000000	0.000000	0.000000
51	0.000000	0.000000	0.000000
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6.88E-25

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-1.01E-21

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-5.17E-21

-0.000922

7.18E-23

1.23E-05

-3.27E-22

13

0.000475

-4.99E-21

-0.000915

1.12E-22

4.95E-05

5.62E-22

14

0.000504

-4.80E-21

-0.000918

1.22E-22

6.39E-05

-7.43E-21

15

0.000632

-2.43E-21

-0.000975

1.66E-22

0.000142

2.99E-21

-0.001231

16

0.000759

2.99E-21

1.66E-22

0.000222

6.90E-21

-0.001269

17

0.000775

3.87E-21

1.66E-22

0.000224

7.14E-21

-0.001577

18

0.000898

1.14E-20

1.66E-22

0.000257

8.45E-21

-0.001231

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-3.56E-23	-1.03E-06	-2.10E-21	-0.001929	.000000	.000000	.000000	-2.34E-22	-0.000213	.000000	-0.001820	21	-7.138411	4.75E-19	1.357184
10	.000000	-2.35E-21	-0.001943	.000000	9	0.000183	.000000	.000000	.000000		-2.41E-18	-20.916151	-4.13E-18	
-1.84E-23	-9.22E-06	-1.49E-21		.000000	10	0.000183	.000000	.000000	.000000	-0.001784	LOAD COL-TR -----			
11	.000000	-2.69E-21	-0.001926	.000000	.000000	.000000	-2.34E-22	-0.000187	-2.08E-22	-0.001534	JOINT	FX	FY	FZ
-1.15E-24	-1.74E-05	-1.88E-21		.000000	11	0.000184	.000000	.000000	.000000		MX	MY	MZ	
12	.000000	-5.95E-21	-0.001783	.000000	.000000	.000000	-2.34E-22	-0.000126	-1.30E-21	-0.001492	20	-12.555925	-1.08E-18	-3.086710
.000000	-7.87E-06	-1.67E-21	-0.001731	1.20E-22	.000000	.000000	.000000	.000000	.000000	-0.001488	5.47E-18	-40.508734	9.73E-19	3.086710
13	.000000	-6.86E-21		.000000	12	.0000188	.000000	.000000	.000000	-0.001488	21	-12.444075	1.08E-18	
.000000	-3.06E-22	-3.23E-21	-0.001728	1.87E-22	4.95E-05	.000000	.000000	.000000	.000000	-0.001514	COMB	SVB01	-----	MAX
14	.000000	-6.82E-21	-0.001728	1.87E-22	4.95E-05	.000000	.000000	.000000	.000000		JOINT	FX	FY	FZ
.000000	.000000	.000000	-0.001782	2.04E-22	7.30E-05	5.70E-22	.000000	.000000	.000000	-0.001614	MX	MY	MZ	
15	.000000	-4.08E-21		.000000	15	0.000195	.000000	.000000	.000000	-0.001626	20	-413.825362	-8.65E-16	12952.569
.000000	.000000	.000000	-0.002203	2.78E-22	0.000204	5.35E-21	.000000	.000000	.000000	-0.001611	4.38E-15	-1384.108	2.70E-15	12620.451
.000000	.000000	.000000	-0.002266	2.78E-22	0.000356	1.10E-20	.000000	.000000	.000000	-0.001490	21	413.825362	8.65E-16	
.000000	.000000	.000000	-0.002790	2.78E-22	0.000369	1.14E-20	.000000	.000000	.000000	-0.001446	-4.38E-15	1239.951	-9.44E-15	
.000000	.000000	.000000	-0.003452	2.78E-22	0.000422	1.39E-20	.000000	.000000	.000000	-0.001446	COMB	SVB01	-----	MIN
.000000	.000000	.000000	.000000	2.78E-22	0.000424	1.40E-20	.000000	.000000	.000000	-0.001443	JOINT	FX	FY	FZ
.000000	.000000	.000000	-0.000000	.000000	20	.000000	.000000	.000000	.000000	-0.001489	MX	MY	MZ	
21	.000000	.000000	.000000	.000000	21	.000000	.000000	.000000	.000000	-0.001489	20	-413.825362	-8.65E-16	12952.569
COMB ENVBECC	-----	MAX		Program	SAP2000	Nonlinear	Version	7.42	File:청도1교하행_P9_본체.OUT		4.38E-15	-1384.108	2.70E-15	12620.451
											-4.38E-15	1239.951	-9.44E-15	
											COMB	SVB02	-----	MAX
JOINT	UX	UY	UZ	TRANSATIONS AND ROTATIONS, IN GLOBAL COORDINATES										
RX	RY	RZ		COMB ENVOULT ----- MIN										
1	0.000136	4.11E-21	.000000	JOINT	UX	UY	UZ	Page						
.000000	2	1.48E-23		RX	RY	RZ		: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체						
2	0.000136	4.12E-21	.000000	2	.0000254	.000000	-0.002912	113						
.000000	3	3.55E-23		2	0.000253	.000000	-0.002514	JOINT DISPLACEMENTS						
3	0.000136	4.13E-21	.000000	3	.000000	.000000	-0.002172	TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES						
.000000	4	4.11E-21	.000000	3	0.000000	.000000	-0.002172	COMB ENVOULT ----- MIN						
.000000	5	3.43E-21	.000000	4	0.000000	.000000	-0.002130	Page						
.000000	6	1.66E-21	.000000	4	0.000000	.000000	-0.002130	: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체						
.000000	7	1.13E-21	.000000	5	0.000000	.000000	-0.002130	115						
.000000	8	0.000141	.000000	5	0.000000	.000000	-0.002130	RESTRAINT FORCES (RE						
.000000	9	0.000145	.000000	6	0.000000	.000000	-0.001784	CTIONS)						
.000000	10	0.000146	.000000	6	0.000000	.000000	-0.001784	FORCES AND MOMENTS ACTING ON JOINTS,						
.000000	11	0.000146	.000000	7	0.000000	.000000	-0.001784	IN GLOBAL COORDINATES						
.000000	12	0.000150	.000000	7	0.000000	.000000	-0.001784	LOAD D -----						
1.01E-22	13	0.000152	.000000	8	0.000000	.000000	-0.001780	Page						
1.57E-22	14	0.000153	.000000	8	0.000000	.000000	-0.001812	: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체						
1.72E-22	15	0.000155	.000000	9	0.000000	.000000	-0.001929	115						
2.34E-22	16	0.000155	.000000	9	0.000000	.000000	-0.001929	RESTRAINT FORCES (RE						
2.34E-22	17	0.000155	.000000	10	0.000000	.000000	-0.001943	CTIONS)						
2.34E-22	18	0.000155	.000000	10	0.000000	.000000	-0.001943	FORCES AND MOMENTS ACTING ON JOINTS,						
2.34E-22	19	0.000155	.000000	11	0.000000	.000000	-0.001926	IN GLOBAL COORDINATES						
2.34E-22	20	0.000155	.000000	11	0.000000	.000000	-0.001926	Page						
.000000	21	0.000000	.000000	12	0.000000	.000000	-0.001783	: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체						
.000000	22	0.000000	.000000	12	0.000000	.000000	-0.001783	117						
.000000	23	0.000000	.000000	13	0.000000	.000000	-0.001731	RESTRAINT FORCES (RE						
.000000	24	0.000000	.000000	13	0.000000	.000000	-0.001731	CTIONS)						
.000000	25	0.000000	.000000	14	0.000000	.000000	-0.001728	FORCES AND MOMENTS ACTING ON JOINTS,						
.000000	26	0.000000	.000000	14	0.000000	.000000	-0.001728	IN GLOBAL COORDINATES						
.000000	27	0.000000	.000000	15	0.000000	.000000	-0.001782	Page						
.000000	28	0.000000	.000000	15	0.000000	.000000	-0.001782	: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체						
.000000	29	0.000000	.000000	16	0.000000	.000000	-0.002203	112						
.000000	30	0.000000	.000000	16	0.000000	.000000	-0.002203	JOINT DISPLACEMENTS						
.000000	31	0.000000	.000000	17	0.000000	.000000	-0.002267	TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES						
.000000	32	0.000000	.000000	17	0.000000	.000000	-0.002267	COMB ENVBECC ----- MIN						
.000000	33	0.000000	.000000	18	0.000000	.000000	-0.002791	Page						
.000000	34	0.000000	.000000	18	0.000000	.000000	-0.002791	: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체						
.000000	35	0.000000	.000000	19	0.000000	.000000	-0.003453	112						
.000000	36	0.000000	.000000	19	0.000000	.000000	-0.003453	JOINT DISPLACEMENTS						
.000000	37	0.000000	.000000	20	0.000000	.000000	-0.000000	TRANSLATIONS AND ROTATIONS, IN GLOBAL COORDINATES						
.000000	38	0.000000	.000000	20	0.000000	.000000	-0.000000	COMB ENVBECC ----- MIN						
.000000	39	0.000000	.000000	21	0.000000	.000000	-0.000000	Page						
.000000	40	0.000000	.000000	21	0.000000	.000000	-0.000000	: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체						

IN GLOBAL COORDINATES										JOINT										FX										FY										FZ										MX										MY										MZ																																							
COMB SVB07-----MIN										JOINT										FX										FY										FZ										20 -537.972970 -1.12E-15 16838.339										6417.409 -1350.072 20.455726										-402.328402 -538.287357 13074.460																																							
20 -413.825362 -8.65E-16 12952.569										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										21 402.328402 -538.605121 12790.178										21 402.328402 -538.605121 12790.178																																																	
4.38E-15 -1384.108 2.70E-15										20 -321.862722 -392.515858										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.084 -20.325379										COMB ULB14-----MIN																																																	
-4.38E-15 1239.951 -9.44E-15										21 321.862722 -33.753955										10232.142										-5.70E-15 1611.936 -1.23E-14																																																																															
COMB SVB08-----MAX										JOINT										FX										FY										FZ										COMB ULB07-----MIN										JOINT										FX										FY										FZ																			
20 -321.862722 -392.515858										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										20 -402.328402 -538.287357 13074.460										6417.409 -1350.072 20.455726										-402.328402 -538.605121 12790.178																																							
4772.043 1080.058 11.606629										20 -321.862722 -397.130142										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.084 -20.325379										COMB ULB15-----MAX																																																	
4792.938 960.867586 -20.679898										21 321.862722 -397.130142										10232.142										-5.70E-15 1611.936 -1.23E-14																																																																															
COMB SVB09-----MIN										JOINT										FX										FY										FZ										COMB ULB08-----MAX										JOINT										FX										FY										FZ																			
20 -321.862722 -392.515858										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										20 -402.328402 -538.287357 13074.460										6417.409 -1350.072 20.455726										-402.328402 -538.605121 12790.178																																							
4772.043 1080.058 11.606629										20 -321.862722 -397.130142										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.084 -20.325379										COMB ULB15-----MIN																																																	
4792.938 960.867586 -20.679898										21 321.862722 -397.130142										10232.142										-5.70E-15 1611.936 -1.23E-14																																																																															
COMB SVB09-----MAX										JOINT										FX										FY										FZ										COMB ULB08-----MIN										JOINT										FX										FY										FZ																			
20 -321.862722 -6.79E-16 10459.568										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										20 -402.328402 -538.287357 13074.460										6417.409 -1350.072 20.455726										-402.328402 -538.605121 12790.178																																							
3.44E-15 -1080.058 2.07E-15										20 -321.862722 -392.515858										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.084 -20.325379										COMB ULB16-----MAX																																																	
3.44E-15 960.867586 -7.37E-15										21 321.862722 -397.130142										10232.142										-5.70E-15 1611.936 -1.23E-14																																																																															
COMB SVB09-----MIN										JOINT										FX										FY										FZ										COMB ULB08-----MIN										JOINT										FX										FY										FZ																			
20 -321.862722 -6.79E-16 10459.568										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										20 -402.328402 -538.287357 13074.460										6417.409 -1350.072 20.455726										-402.328402 -538.605121 12790.178																																							
3.44E-15 -1080.058 2.07E-15										20 -321.862722 -392.515858										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.084 -20.325379										COMB ULB16-----MIN																																																	
-3.44E-15 960.867586 -7.37E-15										21 321.862722 -397.130142										10232.142										-5.70E-15 1611.936 -1.23E-14																																																																															
COMB SVB10-----MAX										JOINT										FX										FY										FZ										COMB ULB09-----MAX										JOINT										FX										FY										FZ																			
20 -321.862722 -468.743913										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										20 -402.328402 -538.287357 13074.460										6417.409 -1350.072 20.455726										-402.328402 -538.605121 12790.178																																							
5495.812 1080.058 21.122532										20 -321.862722 -468.743913										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.084 -20.325379										COMB ULB17-----MIN																																																	
5472.522 960.867586 -11.840708										21 321.862722 -468.743913										10232.142										-5.70E-15 1611.936 -1.23E-14																																																																															
COMB SVB10-----MIN										JOINT										FX										FY										FZ										COMB ULB09-----MIN										JOINT										FX										FY										FZ																			
20 -321.862722 -468.743913										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										20 -402.328402 -538.287357 13074.460										6417.409 -1350.072 20.455726										-402.328402 -538.605121 12790.178																																							
5495.812 1080.058 21.122532										20 -321.862722 -468.743913										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.084 -20.325379										COMB ULB17-----MAX																																																	
5472.522 960.867586 -11.840708										21 321.862722 -468.743913										10232.142										-5.70E-15 1611.936 -1.23E-14																																																																															
COMB SVB11-----MAX										JOINT										FX										FY										FZ										COMB ULB10-----MAX										JOINT										FX										FY										FZ																			
20 -321.862722 -76.228055										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										20 -402.328402 -538.287357 13074.460										6417.409 -1350.072 20.455726										-402.328402 -538.605121 12790.178																																							
723.769015 -1080.058 9.515903										20 -321.862722 -76.228055										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.084 -20.325379										COMB ULB11-----MAX																																																	
679.583911 960.867586 8.839191										21 321.862722 -76.228055										10232.142										-5.70E-15 1611.936 -1.23E-14																																																																															
Program SAP2000 Nonlinear Version 7.42										21 321.862722 -76.228055										10232.142										-5.70E-15 1																																																																															
File:청도1교하행_P9_본체.OUT										21 321.862722 -76.228055										10232.142										-5.70E-15 1																																																																															
AAbutPier SAP2000 6-7 데이타파일 : 교각 본체 119										21 321.862722 -76.228055										10232.142										-5.70E-15 1																																																																															
R E S T R A I N T F O R C E S (R E A C T I O N S)										21 321.862722 -76.228055										10232.142										-5.70E-15 1																																																																															
F O R C E S A N D M O M E N T S A C T I N G O N J O I N T S, I N G L O B A L C O O R D I N A T E S										21 321.862722 -76.228055										10232.142										-5.70E-15 1																																																																															
COMB SVB11-----MIN										JOINT										FX										FY										FZ										COMB ULB10-----MIN										JOINT										FX										FY										FZ																			
20 -321.862722 -76.228055										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										20 -402.328402 -538.287357 13074.460										6417.409 -1350.072 20.455726										-402.328402 -538.605121 12790.178																																							
723.769015 -1080.058 9.515903										20 -321.862722 -76.228055										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.084 -20.325379										COMB ULB11-----MIN																																																	
679.583911 960.867586 8.839191										21 321.862722 -76.228055										10232.142										-5.70E-15 1611.936 -1.23E-14																																																																															
COMB SVB12-----MAX										JOINT										FX										FY										FZ										COMB ULB11-----MAX										JOINT										FX										FY										FZ																			
20 -413.825362 -430.629885										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										20 -402.328402 -538.287357 13074.460										6417.409 -1350.072 20.455726										-402.328402 -538.605121 12790.178																																							
5133.927 -1384.108 16.364581										20 -413.825362 -430.629885										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.084 -20.325379										COMB ULB12-----MAX																																																	
5132.730 1239.951 -16.260303										21 321.862722 -430.629885										10232.142										-5.70E-15 1611.936 -1.23E-14																																																																															
COMB SVB12-----MIN										JOINT										FX										FY										FZ										COMB ULB12-----MIN										JOINT										FX										FY										FZ																			
20 -413.825362 -430.629885										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										20 -402.328402 -538.287357 13074.460										6417.409 -1350.072 20.455726										-402.328402 -538.605121 12790.178																																							
5133.927 -1384.108 16.364581										20 -413.825362 -430.629885										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.084 -20.325379										COMB ULB13-----MAX																																																	
5132.730 1239.951 -16.260303										21 321.862722 -430.629885										10232.142										-5.70E-15 1611.936 -1.23E-14																																																																															
COMB SVB13-----MAX										JOINT										FX										FY										FZ										COMB ULB13-----MAX										JOINT										FX										FY										FZ																			
20 -413.825362 -38.114027										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										20 -402.328402 -538.287357 13074.460										6417.409 -1350.072 20.455726										-402.328402 -538.605121 12790.178																																							
361.884507 -1384.108 4.757952										20 -413.825362 -38.114027										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.084 -20.325379										COMB ULB14-----MIN																																																	
339.791956 1239.951 -4.419595										21 321.862722 -33.753955										10232.142										-5.70E-15 1611.936 -1.23E-14																																																																															
COMB SVB13-----MIN										JOINT										FX										FY										FZ										COMB ULB14-----MIN										JOINT										FX										FY										FZ																			
20 -413.825362 -38.114027										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										20 -402.328402 -538.287357 13074.460										6417.409 -1350.072 20.455726										-402.328402 -538.605121 12790.178																																							
361.884507 -1384.108 4.757952										20 -413.825362 -38.114027										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.084 -20.325379										COMB ULB15-----MAX																																																	
339.791956 1239.951 -4.419595										21 321.862722 -33.753955										10232.142										-5.70E-15 1611.936 -1.23E-14																																																																															
COMB SVB14-----MAX										JOINT										FX										FY										FZ										COMB ULB15-----MAX										JOINT										FX										FY										FZ																			
20 -321.862722 -430.629885										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										20 -402.328402 -538.287357 13074.460										6417.409 -1350.072 20.455726										-402.328402 -538.605121 12790.178																																							
5133.927 -1080.058 16.364581										20 -321.862722 -430.629885										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.084 -20.325379										COMB ULB16-----MIN																																																	
5132.730 960.867586 -16.260303										21 321.862722 -430.629885										10232.142										-5.70E-15 1611.936 -1.23E-14																																																																															
COMB SVB14-----MIN										JOINT										FX										FY										FZ										COMB ULB16-----MIN										JOINT										FX										FY										FZ																			
20 -321.862722 -430.629885										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										20 -402.328402 -538.287357 13074.460										6417.409 -1350.072 20.455726										-402.328402 -538.605121 12790.178																																							
5133.927 -1080.058 16.364581										20 -321.862722 -430.629885										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.084 -20.325379										COMB ULB17-----MAX																																																	
5132.730 960.867586 -16.260303										21 321.862722 -430.629885										10232.142										-5.70E-15 1611.936 -1.23E-14																																																																															
COMB SVB15-----MAX										JOINT										FX										FY										FZ										COMB ULB17-----MAX										JOINT										FX										FY										FZ																			
20 -321.862722 -430.629885										MX										MY										MZ										5.70E-15 -1799.340 3.51E-15										20 -402.328402 -538.287357 13074.460										6417.409 -1350.072 20.455726										-402.328402 -538.605121 12790.178																																							
5133.927 -1080.058 16.364581										20 -321.862722 -430.629885										361.884507 -1080.058 4.757952										10459.568										21 537.972970 1.12E-15 16406.587										6415.912 1201.																																																											

940.899719 -1080.058 12.370674 10232.142
21 321.862722 -87.760283
883.459085 960.867586 11.490948
COMB UEB03 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -321.862722 -99.096471 10459.568
940.899719 -1080.058 12.370674
21 321.862722 -87.760283 10232.142
883.459085 960.867586 11.490948

COMB UEB04 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -441.414154 -49.548235 13700.469
470.449859 -1475.323 6.185337
21 441.414154 -43.880142 13336.944
441.729542 1323.676 5.745474

COMB UEB04 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -441.414154 -49.548235 13700.469
470.449859 -1475.323 6.185337
21 441.414154 -43.880142 13336.944
441.729542 1323.676 5.745474

COMB UEB05 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -321.862722 -49.548235 10459.568
470.449859 -1080.058 6.185337
21 321.862722 -43.880142 10232.142
441.729542 960.867586 5.745474

COMB UEB05 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -321.862722 -49.548235 10459.568
470.449859 -1080.058 6.185337
21 321.862722 -43.880142 10232.142
441.729542 960.867586 5.745474

COMB UEB06 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -441.414154 -510.270616 13700.469
6203.655 -1475.323 15.088618
21 441.414154 -516.269184 13336.944
6230.819 1323.676 -26.883868
Program SAP2000 Nonlinear Version 7.42
File:청도1교하행_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 UEB06 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -441.414154 -510.270616 13700.469
6203.655 -1475.323 15.088618
21 441.414154 -516.269184 13336.944
6230.819 1323.676 -26.883868

COMB UEB07 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -441.414154 -9.20E-16 13700.469
4.66E-15 -1475.323 2.89E-15
21 441.414154 9.20E-16 13336.944
-4.66E-15 1323.676 -1.01E-14

COMB UEB07 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -441.414154 -9.20E-16 13700.469
4.66E-15 -1475.323 2.89E-15
21 441.414154 9.20E-16 13336.944
-4.66E-15 1323.676 -1.01E-14

COMB UEB08 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -321.862722 -510.270616 10459.568
6203.655 -1080.058 15.088618
21 321.862722 -516.269184 10232.142
6230.819 960.867586 -26.883868

COMB UEB08 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -321.862722 -510.270616 10459.568
6203.655 -1080.058 15.088618
21 321.862722 -516.269184 10232.142
6230.819 960.867586 -26.883868

COMB UEB09 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -321.862722 -6.79E-16 10459.568
3.44E-15 -1080.058 2.07E-15
21 321.862722 6.79E-16 10232.142
-3.44E-15 960.867586 -7.37E-15

COMB UEB09 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -321.862722 -6.79E-16 10459.568
3.44E-15 -1080.058 2.07E-15
21 321.862722 6.79E-16 10232.142
-3.44E-15 960.867586 -7.37E-15

COMB UEB10 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -305.769586 -585.929891 9936.590
6869.765 1026.055 26.403165
21 305.769586 -580.797565 9720.535
6840.652 912.824207 -14.800885
Program SAP2000 Nonlinear Version 7.42
File:청도1교하행_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 UEB10 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -305.769586 -585.929891 9936.590
6869.765 -1026.055 26.403165
21 305.769586 -580.797565 9720.535
6840.652 912.824207 -14.800885

COMB UEB11 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -305.769586 -95.285068 9936.590
904.711268 -1026.055 11.894879
21 305.769586 -84.384888 9720.535
849.479889 912.824207 11.048989

COMB UEB11 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -305.769586 -95.285068 9936.590
904.711268 -1026.055 11.894879
21 305.769586 -84.384888 9720.535
849.479889 912.824207 11.048989

COMB UEB12 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -420.722885 -538.287357 13052.840
6417.409 -1406.118 20.455726
21 420.722885 -538.605121 12705.922
6415.912 1261.678 -20.325379

COMB UEB12 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -420.722885 -538.287357 13052.840
6417.409 -1406.118 20.455726
21 420.722885 -538.605121 12705.922
6415.912 1261.678 -20.325379

COMB UEB13 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -420.722885 -47.642534 13052.840
452.355634 -1406.118 5.947439
21 420.722885 -42.192444 12705.922
424.739945 1261.678 5.524494

COMB UEB13 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -420.722885 -47.642534 13052.840
452.355634 -1406.118 5.947439
21 420.722885 -42.192444 12705.922
424.739945 1261.678 5.524494

COMB UEB14 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -305.769586 -538.287357 9936.590
6417.409 -1026.055 20.455726
21 305.769586 -538.605121 9720.535
6415.912 912.824207 -20.325379
Program SAP2000 Nonlinear Version 7.42
File:청도1교하행_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 UEB14 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -305.769586 -538.287357 9936.590
6417.409 -1026.055 20.455726
21 305.769586 -538.605121 9720.535
6415.912 912.824207 -20.325379

COMB UEB15 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -305.769586 -47.642534 9936.590
452.355634 -1026.055 5.947439
21 305.769586 -42.192444 9720.535
424.739945 912.824207 5.524494

COMB UEB15 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -305.769586 -47.642534 9936.590
452.355634 -1026.055 5.947439
21 305.769586 -42.192444 9720.535
424.739945 912.824207 5.524494

COMB UEB16 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -321.862722 -6.79E-16 10459.568
3.44E-15 -1080.058 2.07E-15
21 321.862722 6.79E-16 10232.142
-3.44E-15 960.867586 -7.37E-15

COMB UEB16 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -321.862722 -6.79E-16 10459.568
3.44E-15 -1080.058 2.07E-15
21 321.862722 6.79E-16 10232.142
-3.44E-15 960.867586 -7.37E-15

COMB UEB17 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -441.414154 -9.20E-16 13700.469
4.66E-15 -1475.323 2.89E-15
21 441.414154 9.20E-16 13336.944
-4.66E-15 1323.676 -1.01E-14

COMB UEB17 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -441.414154 -9.20E-16 13700.469
4.66E-15 -1475.323 2.89E-15
21 441.414154 9.20E-16 13336.944
-4.66E-15 1323.676 -1.01E-14

COMB UEB18 ----- MAX

JOINT MX FX FY FZ
MX MY MZ
20 -289.676450 -91.473685 9413.611
868.522818 -972.051934 11.419084
21 289.676450 -81.009492 9208.928
815.500694 864.780828 10.607029
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FORCES AND MOMENTS ACTING ON JOINTS,
IN GLOBAL COORDINATES

COMB UEB18 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -289.676450 -91.473685 9413.611
868.522818 -972.051934 11.419084
21 289.676450 -81.009492 9208.928
815.500694 864.780828 10.607029

COMB SVO01 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -421.012951 -8.65E-16 12951.211
4.38E-15 -1405.180 2.70E-15
21 406.686951 8.65E-16 12621.809
-4.38E-15 1219.035 -9.45E-15

COMB SVO02 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -421.012951 -8.65E-16 12951.211
4.38E-15 -1405.180 2.70E-15
21 406.686951 8.65E-16 12621.809
-4.38E-15 1219.035 -9.45E-15

COMB SVO02 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -329.050311 -6.80E-16 10458.211
3.44E-15 -1101.130 2.07E-15
21 314.724311 6.80E-16 10233.499
-3.44E-15 939.951436 -7.37E-15

COMB SVO02 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -329.050311 -6.80E-16 10458.211
3.44E-15 -1101.130 2.07E-15
21 314.724311 6.80E-16 10233.499
-3.44E-15 939.951436 -7.37E-15

COMB SVO03 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -696.703055 -8.98E-16 9653.696
4.55E-15 -2850.191 2.38E-15
21 -27.737122 8.98E-16 11038.014
-4.55E-15 -728.849486 -9.38E-15

COMB SVO03 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -696.703055 -8.98E-16 9653.696
4.55E-15 -2850.191 2.38E-15
21 -27.737122 8.98E-16 11038.014
-4.55E-15 -728.849486 -9.38E-15

COMB SVO04 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -645.504785 -1.00E-15 12434.141
5.08E-15 -2478.815 2.90E-15
21 198.121697 1.00E-15 13138.879
-5.08E-15 196.100239 -1.07E-14
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FORCES AND MOMENTS ACTING ON JOINTS,
IN GLOBAL COORDINATES

COMB SVO04 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -645.504785 -1.00E-15 12434.141
5.08E-15 -2478.815 2.90E-15
21 198.121697 1.00E-15 13138.879
-5.08E-15 196.100239 -1.07E-14

COMB SVO05 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -553.542145 -8.17E-16 9941.141
4.14E-15 -2174.765 2.27E-15
21 106.159057 8.17E-16 10750.569
-4.14E-15 -82.982855 -8.64E-15

COMB SVO05 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -553.542145 -8.17E-16 9941.141
4.14E-15 -2174.765 2.27E-15
21 106.159057 8.17E-16 10750.569
-4.14E-15 -82.982855 -8.64E-15

COMB SVO06 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -291.585384 -9.30E-16 12952.844
4.71E-15 -770.046096 4.44E-15
21 277.259384 9.30E-16 12620.176
-4.71E-15 571.167103 -1.17E-14

COMB SVO06 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -291.585384 -9.30E-16 12952.844
4.71E-15 -770.046096 4.44E-15
21 277.259384 9.30E-16 12620.176
-4.71E-15 571.167103 -1.17E-14

COMB SVO07 ----- MAX

JOINT MX FX FY FZ
MX MY MZ
20 -421.012951 -8.65E-16 12951.211
4.38E-15 -1405.180 2.70E-15
21 406.686951 8.65E-16 12621.809
-4.38E-15 1219.035 -9.45E-15

COMB SVO07 ----- MIN

JOINT MX FX FY FZ
MX MY MZ
20 -421.012951 -8.65E-16 12951.211
4.38E-15 -1405.180 2.70E-15
21 406.686951 8.65E-16 12621.809
-4.38E-15 1219.035 -9.45E-15

COMB SVO08 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -199.622744 -7.45E-16 10459.843
3.77E-15 -465.995871 3.81E-15
21 185.296744 7.45E-16 10231.867
-3.77E-15 292.084008 -9.62E-15
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FORCES AND MOMENTS ACTING ON JOINTS,
IN GLOBAL COORDINATES

COMB SVO09 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -199.622744 -7.45E-16 10459.843
3.77E-15 -465.995871 3.81E-15
21 185.296744 7.45E-16 10231.867
-3.77E-15 292.084008 -9.62E-15

COMB SVO09 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -329.050311 -6.80E-16 10458.211
3.44E-15 -1101.130 2.07E-15
21 314.724311 6.80E-16 10233.499
-3.44E-15 939.951436 -7.37E-15

COMB SVO10 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -567.275488 -9.63E-16 9655.329
4.88E-15 -2215.057 4.12E-15
21 -157.164690 9.63E-16 11036.381
-4.88E-15 -1376.717 -1.16E-14

COMB SVO10 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -567.275488 -9.63E-16 9655.329
4.88E-15 -2215.057 4.12E-15
21 -157.164690 9.63E-16 11036.381
-4.88E-15 -1376.717 -1.16E-14

COMB SVO11 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -696.703055 -8.98E-16 9653.696
4.55E-15 -2850.191 2.38E-15
21 -27.737122 8.98E-16 11038.014
-4.55E-15 -728.849486 -9.38E-15

COMB SVO11 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -696.703055 -8.98E-16 9653.696
4.55E-15 -2850.191 2.38E-15
21 -27.737122 8.98E-16 11038.014
-4.55E-15 -728.849486 -9.38E-15

COMB SVO12 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -516.077218 -1.07E-15 12435.774
5.41E-15 -1843.681 4.64E-15
21 68.694129 1.07E-15 13137.246
-5.41E-15 -451.767188 -1.30E-14
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FORCES AND MOMENTS ACTING ON JOINTS,
IN GLOBAL COORDINATES

COMB SVO13 ----- MAX
JOINT MX FX FY FZ
MX MY MZ
20 -645.504785 -1.00E-15 12434.141
5.08E-15 -2478.815 2.90E-15
21 198.121697 1.00E-15 13138.879
-5.08E-15 196.100239 -1.07E-14

COMB SVO13 ----- MIN
JOINT MX FX FY FZ
MX MY MZ
20 -645.504785 -1.00E-15 12434.141
5.08E-15 -2478.815 2.90E-15
21 198.121697 1.00E-15 13138.879
-5.08E-15 196.100239 -1.07E-14

COMB SVO14 ----- MAX
JOINT MX FX FY FZ

COMB SVO14 ----- MAX

MX	MY	MZ	
20	-424.114578	-8.82E-16	9942.773
4.47E-15	-1539.631	4.01E-15	
21	-23.268511	8.82E-16	10748.937
-4.47E-15	-730.850283	-1.09E-14	
COMB SVO14 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-424.114578	-8.82E-16	9942.773
4.47E-15	-1539.631	4.01E-15	
21	-23.268511	8.82E-16	10748.937
-4.47E-15	-730.850283	-1.09E-14	

COMB SVO15 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-553.542145	-8.17E-16	9941.141
4.14E-15	-2174.765	2.27E-15	
21	106.159057	8.17E-16	10750.569
-4.14E-15	-82.982855	-8.64E-15	
COMB SVO15 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-553.542145	-8.17E-16	9941.141
4.14E-15	-2174.765	2.27E-15	
21	106.159057	8.17E-16	10750.569
-4.14E-15	-82.982855	-8.64E-15	

COMB ULO01 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-625.485080	-1.28E-15	18955.625
6.50E-15	-2085.177	4.04E-15	
21	606.861280	1.28E-15	18438.414
-6.50E-15	1821.966	-1.40E-14	
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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES			
COMB ULO01 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-625.485080	-1.28E-15	18955.625
6.50E-15	-2085.177	4.04E-15	
21	606.861280	1.28E-15	18438.414
-6.50E-15	1821.966	-1.40E-14	

COMB ULO02 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-427.765404	-8.84E-16	13595.674
4.48E-15	-1431.469	2.70E-15	
21	409.141604	8.84E-16	13303.549
-4.48E-15	1221.937	-9.59E-15	

COMB ULO02 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-427.765404	-8.84E-16	13595.674
4.48E-15	-1431.469	2.70E-15	
21	409.141604	8.84E-16	13303.549
-4.48E-15	1221.937	-9.59E-15	

COMB ULO03 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-905.713971	-1.17E-15	12549.805
5.92E-15	-3705.249	3.09E-15	
21	-36.058259	1.17E-15	14349.418
-5.92E-15	-947.504332	-1.22E-14	

COMB ULO03 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-905.713971	-1.17E-15	12549.805
5.92E-15	-3705.249	3.09E-15	
21	-36.058259	1.17E-15	14349.418
-5.92E-15	-947.504332	-1.22E-14	

COMB ULO04 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-839.156221	-1.30E-15	16164.384
6.60E-15	-3222.460	3.77E-15	
21	257.558206	1.30E-15	17080.542
-6.60E-15	254.930311	-1.39E-14	

COMB ULO04 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-839.156221	-1.30E-15	16164.384
6.60E-15	-3222.460	3.77E-15	
21	257.558206	1.30E-15	17080.542
-6.60E-15	254.930311	-1.39E-14	

COMB ULO05 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-719.604789	-1.06E-15	12923.483
5.38E-15	-2827.194	2.95E-15	
21	138.006774	1.06E-15	13975.740
-5.38E-15	-107.877712	-1.12E-14	
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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES			
COMB ULO05 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-719.604789	-1.06E-15	12923.483
5.38E-15	-2827.194	2.95E-15	
21	138.006774	1.06E-15	13975.740
-5.38E-15	-107.877712	-1.12E-14	

COMB ULO06 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	

20	-379.060999	-1.21E-15	16838.697
6.13E-15	-1001.060	5.77E-15	
21	360.437199	1.21E-15	16406.229
-6.13E-15	742.517234	-1.52E-14	
COMB ULO6 ----- MIN			

JOINT	FX	FY	FZ
MX	MY	MZ	
20	-379.060999	-1.21E-15	16838.697
6.13E-15	-1001.060	5.77E-15	
21	360.437199	1.21E-15	16406.229
-6.13E-15	742.517234	-1.52E-14	
COMB ULO07 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-547.316836	-1.12E-15	16836.575
5.70E-15	-1826.734	3.51E-15	
21	528.693036	1.12E-15	16408.351
-5.70E-15	1584.745	-1.23E-14	

COMB ULO07 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-547.316836	-1.12E-15	16836.575
5.70E-15	-1826.734	3.51E-15	
21	528.693036	1.12E-15	16408.351
-5.70E-15	1584.745	-1.23E-14	

COMB ULO08 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-259.509567	-9.68E-16	13597.796
4.91E-15	-605.794633	4.96E-15	
21	240.885767	9.68E-16	13301.427
-4.91E-15	379.709210	-1.25E-14	

COMB ULO08 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-259.509567	-9.68E-16	13597.796
4.91E-15	-605.794633	4.96E-15	
21	240.885767	9.68E-16	13301.427
-4.91E-15	379.709210	-1.25E-14	

COMB ULO09 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-427.765404	-8.84E-16	13595.674
4.48E-15	-1431.469	2.70E-15	
21	409.141604	8.84E-16	13303.549
-4.48E-15	1221.937	-9.59E-15	
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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES			
COMB ULO09 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-427.765404	-8.84E-16	13595.674
4.48E-15	-1431.469	2.70E-15	
21	409.141604	8.84E-16	13303.549
-4.48E-15	1221.937	-9.59E-15	

COMB ULO10 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-709.094359	-1.20E-15	12069.161
6.10E-15	-2768.822	5.15E-15	
21	-196.455862	1.20E-15	13795.477
-6.10E-15	-1720.896	-1.45E-14	

COMB ULO10 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-709.094359	-1.20E-15	12069.161
6.10E-15	-2768.822	5.15E-15	
21	-196.455862	1.20E-15	13795.477
-6.10E-15	-1720.896	-1.45E-14	

COMB ULO11 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-870.878819	-1.12E-15	12067.120
5.69E-15	-3562.739	2.97E-15	
21	-34.671403	1.12E-15	13797.517
-5.69E-15	-911.061857	-1.17E-14	

COMB ULO11 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-870.878819	-1.12E-15	12067.120
5.69E-15	-3562.739	2.97E-15	
21	-34.671403	1.12E-15	13797.517
-5.69E-15	-911.061857	-1.17E-14	

COMB ULO12 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-645.096522	-1.33E-15	15544.717
6.76E-15	-2304.602	5.80E-15	
21	85.867662	1.33E-15	16421.558
-6.76E-15	-564.708985	-1.62E-14	

COMB ULO12 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-645.096522	-1.33E-15	15544.717
6.76E-15	-2304.602	5.80E-15	
21	85.867662	1.33E-15	16421.558
-6.76E-15	-564.708985	-1.62E-14	

COMB ULO13 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-806.880982	-1.25E-15	15542.677
6.35E-15	-3098.519	3.62E-15	
21	247.652121	1.25E-15	16423.598
-6.35E-15	245.125299	-1.34E-14	
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RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN GLOBAL COORDINATES			
COMB ULO13 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-806.880982	-1.25E-15	15542.677
6.35E-15	-3098.519	3.62E-15	
21	247.652121	1.25E-15	16423.598
-6.35E-15	245.125299	-1.34E-14	

COMB ULO14 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-530.143223	-1.10E-15	12428.467
5.58E-15	-1924.539	5.01E-15	
21	-29.085638	1.10E-15	13436.171
-5.58E-15	-913.562854	-1.36E-14	

COMB ULO14 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-530.143223	-1.10E-15	12428.467
5.58E-15	-1924.539	5.01E-15	
21	-29.085638	1.10E-15	13436.171
-5.58E-15	-913.562854	-1.36E-14	

COMB ULO15 ----- MAX			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-691.927682	-1.02E-15	12426.426
5.17E-15	-2718.456	2.84E-15	
21	132.698821	1.02E-15	13438.212
-5.17E-15	-103.728569	-1.08E-14	

COMB ULO15 ----- MIN			
JOINT	FX	FY	FZ
MX	MY	MZ	
20	-691.927682	-1.02E-15	12426.426
5.17E-15	-2718.456	2.84E-15	
21	132.698821	1.02E-15	13438.212
-5.17E-15	-103.728569	-1.08E-14	

COMB U

JOINT	MX	FX	FY	FZ
20	-612.535543	-1.00E-15	8931.291	
5.07E-15	-2444.804	4.52E-15		
21	-293.014679	1.00E-15	10725.834	
-5.07E-15	-2009.156	-1.23E-14		
COMB	UEO10	-----	MIN	

JOINT	MX	FX	FY	FZ
20	-612.535543	-1.00E-15	8931.291	
5.07E-15	-2444.804	4.52E-15		
21	-293.014679	1.00E-15	10725.834	
-5.07E-15	-2009.156	-1.23E-14		
COMB	UEO11	-----	MAX	

JOINT	MX	FX	FY	FZ
20	-774.320002	-9.19E-16	8929.250	
4.66E-15	-3238.722	2.35E-15		
21	-131.230220	9.19E-16	10727.875	
-4.66E-15	-1199.322	-9.52E-15		
Program	SAP2000	Nonlinear	Version	7.42
File:	청도1교하행_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	UEO11	-----	MIN	
JOINT	MX	FX	FY	FZ
20	-774.320002	-9.19E-16	8929.250	
4.66E-15	-3238.722	2.35E-15		
21	-131.230220	9.19E-16	10727.875	
-4.66E-15	-1199.322	-9.52E-15		
COMB	UEO12	-----	MAX	

JOINT	MX	FX	FY	FZ
20	-548.537706	-1.13E-15	12406.847	
5.73E-15	-1980.584	5.18E-15		
21	-10.691155	1.13E-15	13351.915	
-5.73E-15	-852.969261	-1.40E-14		
COMB	UEO12	-----	MIN	

JOINT	MX	FX	FY	FZ
20	-548.537706	-1.13E-15	12406.847	
5.73E-15	-1980.584	5.18E-15		
21	-10.691155	1.13E-15	13351.915	
-5.73E-15	-852.969261	-1.40E-14		
COMB	UEO13	-----	MAX	

JOINT	MX	FX	FY	FZ
20	-710.322165	-1.05E-15	12404.806	
5.31E-15	-2774.502	3.00E-15		
21	151.093304	1.05E-15	13353.956	
-5.31E-15	-43.134977	-1.12E-14		
COMB	UEO13	-----	MIN	

JOINT	MX	FX	FY	FZ
20	-710.322165	-1.05E-15	12404.806	
5.31E-15	-2774.502	3.00E-15		
21	151.093304	1.05E-15	13353.956	
-5.31E-15	-43.134977	-1.12E-14		
COMB	UEO14	-----	MAX	

JOINT	MX	FX	FY	FZ
20	-433.584406	-8.98E-16	9290.596	
4.55E-15	-1600.521	4.39E-15		
21	-125.644455	8.98E-16	10366.528	
-4.55E-15	-1201.823	-1.14E-14		
COMB	UEO14	-----	MIN	

JOINT	MX	FX	FY	FZ
20	-433.584406	-8.98E-16	9290.596	
4.55E-15	-1600.521	4.39E-15		
21	-125.644455	8.98E-16	10366.528	
-4.55E-15	-1201.823	-1.14E-14		
COMB	UEO15	-----	MAX	

JOINT	MX	FX	FY	FZ
20	-595.368865	-8.17E-16	9288.556	
4.14E-15	-2394.439	2.22E-15		
21	36.140004	8.17E-16	10368.569	
-4.14E-15	-391.988845	-8.59E-15		
Program	SAP2000	Nonlinear	Version	7.42
File:	청도1교하행_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	UEO15	-----	MIN	
JOINT	MX	FX	FY	FZ
20	-595.368865	-8.17E-16	9288.556	
4.14E-15	-2394.439	2.22E-15		
21	36.140004	8.17E-16	10368.569	
-4.14E-15	-391.988845	-8.59E-15		
COMB	UEO16	-----	MAX	

JOINT	MX	FX	FY	FZ
20	-329.050311	-6.80E-16	10458.211	
3.44E-15	-1101.130	2.07E-15		
21	314.724311	6.80E-16	10233.499	
-3.44E-15	939.951436	-7.37E-15		
COMB	UEO16	-----	MIN	

JOINT	MX	FX	FY	FZ
20	-329.050311	-6.80E-16	10458.211	
3.44E-15	-1101.130	2.07E-15		
21	314.724311	6.80E-16	10233.499	
-3.44E-15	939.951436	-7.37E-15		
COMB	UEO17	-----	MAX	

JOINT	MX	FX	FY	FZ
20	-450.758020	-9.21E-16	13698.704	
4.67E-15	-1502.717	2.89E-15		
21	432.134220	9.21E-16	13338.709	
-4.67E-15	1296.485	-1.01E-14		
COMB	UEO17	-----	MIN	

JOINT	MX	FX	FY	FZ
20	-450.758020	-9.21E-16	13698.704	
4.67E-15	-1502.717	2.89E-15		
21	432.134220	9.21E-16	13338.709	
-4.67E-15	1296.485	-1.01E-14		
COMB	UEO18	-----	MAX	

JOINT	MX	FX	FY	FZ
20	-739.484849	-8.74E-16	8446.565	
4.43E-15	-3096.212	2.23E-15		
21	-129.843364	8.74E-16	10175.974	
-4.43E-15	-1162.880	-9.05E-15		
COMB	UEO18	-----	MIN	

JOINT	MX	FX	FY	FZ
20	-739.484849	-8.74E-16	8446.565	
4.43E-15	-3096.212	2.23E-15		
21	-129.843364	8.74E-16	10175.974	
-4.43E-15	-1162.880	-9.05E-15		
COMB	ENVBULT	-----	MAX	

JOINT	MX	FX	FY	FZ
20	-616.141214	-1.28E-15	18436.650	
6.49E-15	-2057.783	0.000000		
21	616.141214	1.28E-15	18436.650	
Program	SAP2000	Nonlinear	Version	7.42
File:	청도1교하행_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	ENVBULT	-----	MIN	
JOINT	MX	FX	FY	FZ
20	-616.141214	-1.28E-15	18436.650	
6.49E-15	-2057.783	0.000000		
21	616.141214	1.28E-15	18436.650	
Program	SAP2000	Nonlinear	Version	7.42
File:	청도1교하행_P9_본체	OUT		

COMB	ENVBULT	-----	MAX	
JOINT	MX	FX	FY	FZ
20	-616.141214	-1.28E-15	18436.650	
6.49E-15	-2057.783	0.000000		
21	616.141214	1.28E-15	18436.650	
Program	SAP2000	Nonlinear	Version	7.42
File:	청도1교하행_P9_본체	OUT		

COMB	ENVBULT	-----	MIN	
JOINT	MX	FX	FY	FZ
20	-616.141214	-1.28E-15	18436.650	
6.49E-15	-2057.783	0.000000		
21	616.141214	1.28E-15	18436.650	
Program	SAP2000	Nonlinear	Version	7.42
File:	청도1교하행_P9_본체	OUT		

COMB	ENVBULT	-----	MAX	
JOINT	MX	FX	FY	FZ
20	-616.141214	-1.28E-15	18436.650	
6.49E-15	-2057.783	0.000000		
21	616.141214	1.28E-15	18436.650	
Program	SAP2000	Nonlinear	Version	7.42
File:	청도1교하행_P9_본체	OUT		

COMB	ENVBULT	-----	MIN	
JOINT	MX	FX	FY	FZ
20	-616.141214	-1.28E-15	18436.650	
6.49E-15	-2057.783	0.000000		
21	616.141214	1.28E-15	18436.650	
Program	SAP2000	Nonlinear	Version	7.42
File:	청도1교하행_P9_본체	OUT		

COMB	ENVBULT	-----	MAX	
JOINT	MX	FX	FY	FZ
20	-616.141214	-1.28E-15	18436.650	
6.49E-15	-2057.783	0.000000		
21	616.141214	1.28E-15	18436.650	
Program	SAP2000	Nonlinear	Version	7.42
File:	청도1교하행_P9_본체	OUT		

COMB	ENVBULT	-----	MIN	
JOINT	MX	FX	FY	FZ
20	-616.141214	-1.28E-15	18436.650	
6.49E-15	-2057.783	0.000000		
21	616.141214	1.28E-15	18436.650	
Program	SAP2000	Nonlinear	Version	7.42
File:	청도1교하행_P9_본체	OUT		

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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	-----	FZ
MX	FX	FY	FZ
APPLIED	0.000000	-1.80E-30	-20691.710
1.90E-29	154420.054	-9.67E-29	
REACTNS	2.98E-11	2.78E-27	20691.710
-2.95E-26	-154420.054	-7.70E-26	
TOTAL	2.98E-11	2.78E-27	-5.82E-11
-2.94E-26	1.48E-09	-7.71E-26	
LOAD	L1	-----	

MX	FX	FY	FZ
APPLIED	0.000000	-1.80E-30	-4881.310
1.90E-29	154420.054	-9.67E-29	
REACTNS	2.98E-11	2.78E-27	20691.710
-2.95E-26	-154420.054	-7.70E-26	
TOTAL	2.98E-11	2.78E-27	-5.82E-11
-2.94E-26	1.48E-09	-7.71E-26	
LOAD	L1	-----	

MX	FX	FY	FZ
APPLIED	0.000000	-1.80E-30	-4881.310
1.90E-29	154420.054	-9.67E-29	
REACTNS	2.98E-11	2.78E-27	20691.710
-2.95E-26	-154420.054	-7.70E-26	
TOTAL	2.98E-11	2.78E-27	-5.82E-11
-2.94E-26	1.48E-09	-7.71E-26	
LOAD	L1	-----	

LOAD	W-LO	-----	FZ
MX	FX	FY	FZ
APPLIED	0.000000	143.735965	1.47E-30
1.403.353	-1.07E-29	1025.656	
REACTNS	1.16E-29	-143.735965	-3.39E-27
-1.403.353	-4.05E-26	-1025.656	
TOTAL	1.16E-29	-1.05E-10	-3.39E-27
1.17E-09	-4.05E-26	-8.44E-10	
LOAD	G-LO2	-----	

MX	FX	FY	FZ
APPLIED	0.000000	789.646000	.000000
1.403.353	-1.07E-29	1025.656	
REACTNS	1.16E-29	-143.735965	-3.39E-27
-1.403.353	-4.05E-26	-1025.656	
TOTAL	1.16E-29	-1.05E-10	-3.39E-27
1.17E-09	-4.05E-26	-8.44E-10	
LOAD	G-LO2	-----	

MX	FX	FY	FZ
APPLIED	0.000000	789.646000	.000000
1.403.353	-1.07E-29	1025.656	
REACTNS	1.16E-29	-143.735965	-3.39E-27
-1.403.353	-4.05E-26	-1025.656	
TOTAL	1.16E-29	-1.05E-10	-3.39E-27
1.17E-09	-4.05E-26	-8.44E-10	

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GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

COMB SVB07 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	-1.80E-30	-25573.020
1.90E-29	190646.550	-9.67E-29	
REACTNS	2.98E-11	3.49E-27	25573.020
-3.69E-26	-190646.550	-9.66E-26	
TOTAL	3.63E-11	3.49E-27	-7.28E-11
-3.69E-26	1.85E-09	-9.67E-26	

COMB SVB08 ----- MAX

	MX	FY	FZ
APPLIED	0.00000	789.646000	-20691.710
-9564.980	154420.054	5949.414	
REACTNS	2.98E-11	-789.646000	20691.710
9564.980	-154420.054	-5949.414	
TOTAL	2.98E-11	3.49E-10	-5.82E-11
8.70E-09	1.48E-09	-6.37E-09	

COMB SVB08 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	789.646000	-20691.710
-9564.980	154420.054	5949.414	
REACTNS	2.98E-11	-789.646000	20691.710
9564.980	-154420.054	-5949.414	
TOTAL	2.98E-11	3.49E-10	-5.82E-11
8.70E-09	1.48E-09	-6.37E-09	

COMB SVB09 ----- MAX

	MX	FY	FZ
APPLIED	0.00000	789.646000	-20691.710
-9564.980	154420.054	5949.414	
REACTNS	2.98E-11	-789.646000	20691.710
9564.980	-154420.054	-5949.414	
TOTAL	2.98E-11	3.49E-10	-5.82E-11
8.70E-09	1.48E-09	-6.37E-09	

COMB SVB09 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	789.646000	-20691.710
-9564.980	154420.054	5949.414	
REACTNS	2.98E-11	-789.646000	20691.710
-2.95E-26	-154420.054	-7.70E-26	
TOTAL	2.98E-11	3.49E-10	-5.82E-11
-2.94E-26	1.48E-09	-7.71E-26	

COMB SVB09 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	789.646000	-20691.710
-9564.980	154420.054	5949.414	
REACTNS	2.98E-11	-789.646000	20691.710
-2.95E-26	-154420.054	-7.70E-26	
TOTAL	2.98E-11	3.49E-10	-5.82E-11
-2.94E-26	1.48E-09	-7.71E-26	

COMB SVB10 ----- MAX

	MX	FY	FZ
APPLIED	0.00000	933.381965	-20691.710
-10968.333	154420.054	6975.070	
REACTNS	2.98E-11	-933.381965	20691.710
10968.333	-154420.054	-6975.070	
TOTAL	2.98E-11	3.49E-10	-5.82E-11
9.86E-09	1.48E-09	-7.22E-09	

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GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

COMB SVB10 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	933.381965	-20691.710
-10968.333	154420.054	6975.070	
REACTNS	2.98E-11	-933.381965	20691.710
10968.333	-154420.054	-6975.070	
TOTAL	2.98E-11	3.49E-10	-5.82E-11
9.86E-09	1.48E-09	-7.22E-09	

COMB SVB11 ----- MAX

	MX	FY	FZ
APPLIED	0.00000	143.735965	-20691.710
-1403.353	154420.054	1025.656	
REACTNS	2.98E-11	-143.735965	20691.710
1403.353	-154420.054	-1025.656	
TOTAL	2.98E-11	3.49E-10	-5.82E-11
1.17E-09	1.48E-09	-8.44E-10	

COMB SVB11 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	143.735965	-20691.710
-1403.353	154420.054	1025.656	
REACTNS	2.98E-11	-143.735965	20691.710
1403.353	-154420.054	-1025.656	
TOTAL	2.98E-11	3.49E-10	-5.82E-11
1.17E-09	1.48E-09	-8.44E-10	

COMB SVB12 ----- MAX

	MX	FY	FZ
APPLIED	0.00000	861.513982	-25573.020
-10266.657	190646.550	6462.242	
REACTNS	3.63E-11	-861.513982	25573.020
10266.657	-190646.550	-6462.242	
TOTAL	3.63E-11	3.49E-10	-7.28E-11
9.28E-09	1.85E-09	-6.80E-09	

COMB SVB12 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	861.513982	-25573.020
-10266.657	190646.550	6462.242	
REACTNS	3.63E-11	-861.513982	25573.020
10266.657	-190646.550	-6462.242	
TOTAL	3.63E-11	3.49E-10	-7.28E-11
9.28E-09	1.85E-09	-6.80E-09	

COMB SVB12 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	861.513982	-25573.020
-10266.657	190646.550	6462.242	
REACTNS	3.63E-11	-861.513982	25573.020
10266.657	-190646.550	-6462.242	
TOTAL	3.63E-11	3.49E-10	-7.28E-11
9.28E-09	1.85E-09	-6.80E-09	

COMB SVB13 ----- MAX

	MX	FY	FZ
APPLIED	0.00000	71.867982	-25573.020
-701.676463	190646.550	512.828040	
REACTNS	3.63E-11	-71.867982	25573.020
701.676463	-190646.550	-512.828040	
TOTAL	3.63E-11	5.27E-11	-7.28E-11
5.83E-10	1.85E-09	-4.22E-10	

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GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

COMB SVB13 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	71.867982	-25573.020
-701.676463	190646.550	512.828040	
REACTNS	3.63E-11	-71.867982	25573.020
701.676463	-190646.550	-512.828040	
TOTAL	3.63E-11	5.27E-11	-7.28E-11
5.83E-10	1.85E-09	-4.22E-10	

COMB SVB14 ----- MAX

	MX	FY	FZ
APPLIED	0.00000	861.513982	-20691.710
-10266.657	154420.054	6462.242	
REACTNS	2.98E-11	-861.513982	20691.710
10266.657	-154420.054	-6462.242	
TOTAL	2.98E-11	3.49E-10	-5.82E-11
9.28E-09	1.48E-09	-6.80E-09	

COMB SVB14 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	861.513982	-20691.710
-10266.657	154420.054	6462.242	
REACTNS	2.98E-11	-861.513982	20691.710
10266.657	-154420.054	-6462.242	
TOTAL	2.98E-11	3.49E-10	-5.82E-11
9.28E-09	1.48E-09	-6.80E-09	

COMB SVB15 ----- MAX

	MX	FY	FZ
APPLIED	0.00000	861.513982	-20691.710
-701.676463	154420.054	512.828040	
REACTNS	2.98E-11	-861.513982	20691.710
701.676463	-154420.054	-512.828040	
TOTAL	2.98E-11	3.49E-10	-5.82E-11
5.83E-10	1.48E-09	-4.22E-10	

COMB SVB15 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	71.867982	-20691.710
-701.676463	154420.054	512.828040	
REACTNS	2.98E-11	-71.867982	20691.710
701.676463	-154420.054	-512.828040	
TOTAL	2.98E-11	5.27E-11	-5.82E-11
5.83E-10	1.48E-09	-4.22E-10	

COMB SVB15 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	71.867982	-20691.710
-701.676463	154420.054	512.828040	
REACTNS	2.98E-11	-71.867982	20691.710
701.676463	-154420.054	-512.828040	
TOTAL	2.98E-11	5.27E-11	-5.82E-11
5.83E-10	1.48E-09	-4.22E-10	

COMB ULB01 ----- MAX

	MX	FY	FZ
APPLIED	0.00000	-2.34E-30	-37394.040
2.48E-29	278633.037	-1.26E-28	
REACTNS	5.27E-11	5.13E-27	37394.040
-5.43E-26	-278633.037	-1.42E-25	
TOTAL	5.27E-11	5.13E-27	-1.07E-10
-5.43E-26	2.71E-09	-1.42E-25	

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GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

COMB ULB01 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	-2.34E-30	-37394.040
2.48E-29	278633.037	-1.26E-28	
REACTNS	5.27E-11	5.13E-27	37394.040
-5.43E-26	-278633.037	-1.42E-25	
TOTAL	5.27E-11	5.13E-27	-1.07E-10
-5.43E-26	2.71E-09	-1.42E-25	

COMB ULB02 ----- MAX

	MX	FY	FZ
APPLIED	0.00000	-2.34E-30	-26899.223
2.48E-29	200746.070	-1.26E-28	
REACTNS	3.87E-11	3.62E-27	26899.223
-3.83E-26	-200746.070	-1.00E-25	
TOTAL	3.87E-11	3.62E-27	-7.57E-11
-3.83E-26	1.93E-09	-1.00E-25	

COMB ULB02 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	-2.34E-30	-26899.223
2.48E-29	200746.070	-1.26E-28	
REACTNS	3.87E-11	3.62E-27	26899.223
-3.83E-26	-200746.070	-1.00E-25	
TOTAL	3.87E-11	3.62E-27	-7.57E-11
-3.83E-26	1.93E-09	-1.00E-25	

COMB ULB03 ----- MAX

	MX	FY	FZ
APPLIED	0.00000	186.856754	-26899.223
-1824.359	200746.070	1333.353	
REACTNS	3.87E-11	-186.856754	26899.223
1824.359	-200746.070	-1333.353	
TOTAL	3.87E-11	3.62E-10	-7.57E-11
1.13E-08	1.93E-09	-8.29E-09	

COMB ULB08 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	1026.540	-26899.223
-12434.474	200746.070	7734.238	
REACTNS	3.87E-11	-1026.540	26899.223
12434.474	-200746.070	-7734.238	
TOTAL	3.87E-11	3.62E-10	-7.57E-11
1.13E-08	1.93E-09	-8.29E-09	

TOTAL 3.87E-11 -1.37E-10 -7.57E-11

COMB ULB03 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	186.856754	-26899.223
-1824.359	200746.070	1333.353	
REACTNS	3.87E-11	-186.856754	26899.223
1824.359	-200746.070	-1333.353	
TOTAL	3.87E-11	3.62E-10	-7.57E-11
1.52E-09	1.93E-09	-1.10E-09	

COMB ULB04 ----- MAX

	MX	FY	FZ
APPLIED	0.00000	93.428377	-33244.926
-912.179402	247840.515	666.676452	
REACTNS	4.72E-11	-93.428377	33244.926
912.179402	-247840.515	-666.676452	
TOTAL	4.72E-11	3.62E-11	-9.46E-11
7.58E-10	2.40E-09	-5.49E-10	

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GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

COMB ULB04 ----- MIN

	MX	FY	FZ
APPLIED	0.00000	93.428377	-33244.926

[illegible]

[illegible]

	FX	FY	FZ
MX	MY	MZ	
APPLIED	18.623800	-2.34E-30	-33244.926
2.48E-29	247908.862	-1.26E-28	
REACTNS	-18.623800	4.53E-27	33244.926
-4.79E-26	-247908.862	-1.26E-25	
TOTAL	4.93E-11	4.53E-27	-9.46E-11
-4.79E-26	2.43E-09	-1.26E-25	
Program SAP2000 Nonlinear Version 7.42			
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GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

COMB	ULO07	----- MIN		
MX	FX	FY	FZ	
MY	MZ			
APPLIED	18.623800	-2.34E-30		-33244.926
2.48E-29	247908.862	-1.26E-28		
REACTNS	-18.623800	4.53E-27		33244.926
-4.79E-26	-247908.862	-1.26E-25		
TOTAL	4.93E-11	4.53E-27		-9.46E-11
-4.79E-26	2.43E-09	-1.26E-25		

COMB	ULO08	-----		MAX
MX	FX	FY	FZ	
MY	MZ			
APPLIED	18.623800	-2.34E-30	-26899.223	
2.48E-29	200814.416	-1.26E-28		
REACTNS	-18.623800	2.98E-27	26899.223	
-3.15E-26	-200814.416	-1.09E-25		
TOTAL	3.21E-10	2.98E-27	-7.89E-11	
-3.15E-26	4.96E-09	-1.09E-25		

COMB	ULO08	-----		MIN
MX	FX	FY	FZ	
MY	MZ			
APPLIED	18.623800	-2.34E-30	-26899.223	
2.48E-29	200814.416	-1.26E-28		
REACTNS	-18.623800	2.98E-27	26899.223	
-3.15E-26	-200814.416	-1.09E-25		
TOTAL	3.21E-10	2.98E-27	-7.89E-11	
-3.15E-26	4.96E-09	-1.09E-25		

COMB	ULO09	-----	MAX
MX	FX		FZ
MY	MZ		
APPLIED	18.623800	-2.34E-30	-26899.223
2.48E-29	200814.416	-1.26E-28	
REACTNS	-18.623800	3.61E-27	26899.223
-3.82E-26	-200814.416	-1.00E-25	
TOTAL	4.08E-11	3.61E-27	-7.57E-11
-3.82E-26	1.95E-09	-1.00E-25	

COMB	ULO09	-----		MIN
MX	FX	FY	FZ	
MY	MZ			
APPLIED	18.623800	-2.34E-30	-26899.223	
2.48E-29	200814.416	-1.26E-28		
REACTNS	-18.623800	3.61E-27	26899.223	
-3.82E-26	-200814.416	-1.00E-25		
TOTAL	4.08E-11	3.61E-27	-7.57E-11	
-3.82E-26	1.95E-09	-1.00E-25		

COMB	ULO10	MAX		
MX	FX	FY	FZ	
MY	MZ			
APPLIED	905.550222	-2.25E-30	-25864.638	
2.38E-29	205207.131	-1.21E-28		
REACTNS	-905.550222	1.17E-28	25864.638	
-1.13E-27	-205207.131	-1.26E-25		
TOTAL	6.47E-10	1.15E-28	-9.75E-11	
-1.11E-27	8.58E-09	-1.26E-25		
Program	SAP2000	Nonlinear	Version	7.42
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GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

COMB	ULO10	----- MIN		
	FX	FY	FZ	
MX	MY	MZ		
APPLIED	905.550222	-2.25E-30		-25864.638
2.38E-29	205207.131	-1.21E-28		
REACTNS	-905.550222	1.17E-28		25864.638
-1.13E-27	-205207.131	-1.26E-25		
TOTAL	6.47E-10	1.15E-28		-9.75E-11
-1.11E-27	8.58E-09	-1.26E-25		

COMB	ULO11	-----		MAX
MX	FX	FY	FZ	
MY	MZ			
APPLIED	905.550222	-2.25E-30	-25864.638	
2.38E-29	205207.131	-1.21E-28		
REACTNS	-905.550222	7.28E-28	25864.638	
-7.61E-27	-205207.131	-1.18E-25		
TOTAL	3.78E-10	7.25E-28	-9.44E-11	
-7.59E-27	5.69E-09	-1.18E-25		

COMB	ULO11	-----		MIN
MX	FX	FY	FZ	
MY	MZ			
APPLIED	905.550222	-2.25E-30	-25864.638	
2.38E-29	205207.131	-1.21E-28		
REACTNS	-905.550222	7.28E-28	25864.638	
-7.61E-27	-205207.131	-1.18E-25		
TOTAL	3.78E-10	7.25E-28	-9.44E-11	
-7.59E-27	5.69E-09	-1.18E-25		

COMB	ULO12	MAX	
MX	FX	FY	FZ
MY	MZ		
APPLIED	559.228861	-2.25E-30	-31966.275
2.38E-29	246036.051	-1.21E-28	
REACTNS	-559.228861	1.98E-27	31966.275
-2.09E-26	-246036.051	-1.43E-25	
TOTAL	5.27E-10	1.98E-27	-1.08E-10

-2.09E-26	7.59E-09	-1.43E-25		
COMB	ULO12	-----	MIN	
MX	FX	FY	FZ	
APPLIED	559.228861	-2.25E-30	-31966.275	
2.38E-29	246036.051	-1.21E-28		
REACTNS	-559.228861	1.98E-27	31966.275	
-2.09E-26	-246036.051	-1.43E-25		
TOTAL	5.27E-10	1.98E-27	-1.08E-10	
-2.09E-26	7.59E-09	-1.43E-25		

COMB	ULO13	----- MAX		
MX	FX	FY	FZ	
MY	MZ			
APPLIED	559.228861	-2.25E-30	-31966.275	
2.38E-29	246036.051	-1.21E-28		
REACTNS	-559.228861	2.59E-27	31966.275	
-2.74E-26	-246036.051	-1.35E-25		
TOTAL	2.57E-10	2.59E-27	-1.05E-10	
-2.73E-26	4.70E-09	-1.35E-25		
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GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN,
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COMB	ULO13	----- MIN		
	MX	FX	FY	FZ
	MY	MZ		
APPLIED	559.228861	-2.25E-30	-31966.275	
2.38E-29	246036.051	-1.21E-28		
REACTNS	-559.228861	2.59E-27	31966.275	
-2.74E-26	-246036.051	-1.35E-25		
TOTAL	2.57E-10	2.59E-27	-1.05E-10	
-2.73E-26	4.70E-09	-1.35E-25		

COMB	ULO14	----- MAX		
	MX	FX	FY	FZ
	MY	MZ		
APPLIED	559.228861	-2.25E-30	-25864.638	
2.38E-29	200752.930	-1.21E-28		
REACTNS	-559.228861	1.10E-27	25864.638	
-1.16E-26	-200752.930	-1.18E-25		
TOTAL	5.19E-10	1.10E-27	-8.98E-11	
-1.15E-26	7.14E-09	-1.19E-25		

COMB	ULO14	----- MIN		
	MX	FX	FY	FZ
	MY	MZ		
APPLIED	559.228861	-2.25E-30	-25864.638	
2.38E-29	200752.930	-1.21E-28		
REACTNS	-559.228861	1.10E-27	25864.638	
-1.16E-26	-200752.930	-1.18E-25		
TOTAL	5.19E-10	1.10E-27	-8.98E-11	
-1.15E-26	7.14E-09	-1.19E-25		

COMB	ULO15	-----MAX		
	MX	FX	FY	FZ
	MY	MZ		
APPLIED	559.228861	-2.25E-30		-25864.638
2.38E-29	200752.930	-1.21E-28		
REACTNS	-559.228861	1.71E-27		25864.638
-1.80E-26	-200752.930	-1.10E-25		
TOTAL	2.49E-10	1.71E-27		-8.67E-11
-1.80E-26	4.24E-09	-1.10E-25		

COMB	ULO15	----- MIN		
	FX		FY	FZ
MX	MY		MZ	
APPLIED	559.228861	-2.25E-30		-25864.638
2.38E-29	200752.930	-1.21E-28		
REACTNS	-559.228861	1.71E-27		25864.638
-1.80E-26	-200752.930	-1.10E-25		
TOTAL	2.49E-10	1.71E-27		-8.67E-11
-1.80E-26	4.24E-09	-1.10E-25		

COMB	ULO16	-----		MAX
	FX	FY	FZ	
MX	MY	MZ		
APPLIED	14.326000	-1.80E-30	-20691.710	
1.90E-29	154472.628	-9.67E-29		
REACTNS	-14.326000	2.78E-27	20691.710	
-2.94E-26	-154472.628	-7.70E-26		
TOTAL	3.14E-11	2.78E-27	-5.82E-11	
-2.94E-26	1.50E-09	-7.71E-26		
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GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN,
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COMB	ULO16 ----- MIN		
	FX	FY	FZ
MX	MY	MZ	
APPLIED	14.326000	-1.80E-30	-20691.710
1.90E-29	154472.628	-9.67E-29	
REACTNS	-14.326000	2.78E-27	20691.710
-2.94E-26	-154472.628	-7.70E-26	
TOTAL	3.14E-11	2.78E-27	-5.82E-11
-2.94E-26	1.50E-09	-7.71E-26	

COMB	ULO17	-----		MAX
MX	FX	FY	FZ	
MY	MZ			
APPLIED	18.623800	-2.34E-30	-33244.926	
2.48E-29	247908.862	-1.26E-28		
REACTNS	-18.623800	4.53E-27	33244.926	
-4.79E-26	-247908.862	-1.26E-25		
TOTAL	4.93E-11	4.53E-27	-9.46E-11	
-4.79E-26	2.43E-09	-1.26E-25		

COMB	ULO17	-----MIN		
	FX	FY	FZ	
MX	MY	MZ		
APPLIED	18.623800	-2.34E-30	-33244.926	
2.48E-29	247908.862	-1.26E-28		
REACTNS	-18.623800	4.53E-27	33244.926	

-4.79E-26	-247908.862	-1.26E-25		
TOTAL	4.93E-11	4.53E-27		-9.46E-11
-4.79E-26	2.43E-09	-1.26E-25		
COMB	ULO18	-----	MAX	
	MX	FX	FY	FZ
APPLIED	869.328213		-2.16E-30	-24830.052
2.28E-29	196998.845		-1.16E-28	
REACTNS	-869.328213		6.99E-28	24830.052
-7.31E-27	-196998.845		-1.13E-25	

TOTAL	3.62E-10	6.96E-28	-9.06E-11
-7.28E-27	5.46E-09	-1.13E-25	
COMB	ULO18	-----	MIN
	FX	FY	FZ
APPLIED	869.328213	-2.16E-30	-24830.052
2.28E-29	196998.845	-1.16E-28	
REACTNS	-869.328213	6.99E-28	24830.052
-7.31E-27	-196998.845	-1.13E-25	
TOTAL	3.62E-10	6.96E-28	-9.06E-11
-7.28E-27	5.46E-09	-1.13E-25	

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GLOBAL FORCE BALANCE

TOTAL FORCE AND MOMENT AT THE ORIGIN,
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4.54E-26	-232375.368	-1.19E-25	
TOTAL	4.59E-11	4.29E-27	-8.95E-11
-4.54E-26	2.29E-09	-1.19E-25	
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GLOBAL FORCE BALANCE			

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MX	FX	FY	FZ
MY	MZ		
APPLIED	18.623800	-1.80E-30	-31186.527
1.90E-29	232375.368	-9.67E-29	
REACTNS	-18.623800	4.29E-27	31186.527
-4.54E-26	-232375.368	-1.19E-25	
TOTAL	4.59E-11	4.29E-27	-8.95E-11
-4.54E-26	2.29E-09	-1.19E-25	
COMB	UEO02	-----	MAX

MX	FX	FY	FZ
APPLIED	18.623800	-1.80E-30	-20691.710
1.90E-29	154488.400	-9.67E-29	
REACTNS	-18.623800	2.78E-27	20691.710
-2.94E-26	-154488.400	-7.70E-26	
TOTAL	3.19E-11	2.78E-27	-5.82E-11
-2.94E-26	1.51E-09	-7.71E-26	
COMB	UEO02	----- MIN	

MX	FX	FY	FZ
APPLIED	18.623800	-1.80E-30	-20691.710
1.90E-29	154488.400	-9.67E-29	
REACTNS	-18.623800	2.78E-27	20691.710
-2.94E-26	-154488.400	-7.70E-26	
TOTAL	3.19E-11	2.78E-27	-5.82E-11
-2.94E-26	1.51E-09	-7.71E-26	
COMB	UEO03	-----	MAX

				TOTAL 1.34E-11 2.78E-27 -5.82E-11				REACTNS -18.623800 .000000 .000000				.000000 -3.70E-28 7.59E-13			
				-2.94E-26 1.50E-09 -7.71E-26				-5.43E-26 -278701.384 -1.42E-25				1.00000 -28.917000 -1.82E-12			
				Program SAP2000 Nonlinear Version 7.42				TOTAL .000000 .000000 -1.07E-10				.000000 -5.27E-28 1.47E-12			
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GLOBAL FORCE BALANCE															
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES															
COMB UEO11 ----- MAX															
APPLIED 905.550222 -1.71E-30 -19657.125															
1.81E-29 158881.114 -9.19E-29															
REACTNS -905.550222 -7.18E-28 19657.125															
7.70E-27 -158881.114 -1.03E-25															
TOTAL 6.38E-10 -7.20E-28 -8.00E-11															
7.72E-27 8.13E-09 -1.03E-25															
COMB UEO11 ----- MIN															
APPLIED 905.550222 -1.71E-30 -19657.125															
1.81E-29 158881.114 -9.19E-29															
REACTNS -905.550222 -1.07E-28 19657.125															
1.23E-27 -158881.114 -9.49E-26															
TOTAL 3.69E-10 -1.09E-28 -7.69E-11															
1.24E-27 5.24E-09 -9.50E-26															
COMB UEO11 ----- MIN															
APPLIED 905.550222 -1.71E-30 -19657.125															
1.81E-29 158881.114 -9.19E-29															
REACTNS -905.550222 -1.07E-28 19657.125															
1.23E-27 -158881.114 -9.49E-26															
TOTAL 3.69E-10 -1.09E-28 -7.69E-11															
1.24E-27 5.24E-09 -9.50E-26															
COMB UEO12 ----- MAX															
APPLIED 559.228861 -1.71E-30 -25758.762															
1.81E-29 199710.035 -9.19E-29															
REACTNS -559.228861 -1.14E-27 25758.762															
-1.20E-26 -199710.035 -1.20E-25															
TOTAL 5.18E-10 -1.14E-27 -9.05E-11															
-1.20E-26 7.15E-09 -1.20E-25															
COMB UEO12 ----- MIN															
APPLIED 559.228861 -1.71E-30 -25758.762															
1.81E-29 199710.035 -9.19E-29															
REACTNS -559.228861 -1.14E-27 25758.762															
-1.20E-26 -199710.035 -1.20E-25															
TOTAL 5.18E-10 -1.14E-27 -9.05E-11															
-1.20E-26 7.15E-09 -1.20E-25															
COMB UEO13 ----- MAX															
APPLIED 559.228861 -1.71E-30 -25758.762															
1.81E-29 199710.035 -9.19E-29															
REACTNS -559.228861 -1.75E-27 25758.762															
-1.85E-26 -199710.035 -1.12E-25															
TOTAL 2.48E-10 -1.75E-27 -8.74E-11															
-1.85E-26 4.25E-09 -1.12E-25															
Program SAP2000 Nonlinear Version 7.42															
File:청도1교하행_P9_본체.OUT															
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: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체															
GLOBAL FORCE BALANCE															
TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES															
COMB UEO13 ----- MIN															
APPLIED 559.228861 -1.71E-30 -25758.762															
1.81E-29 199710.035 -9.19E-29															
REACTNS -559.228861 -1.75E-27 25758.762															
-1.85E-26 -199710.035 -1.12E-25															
TOTAL 2.48E-10 -1.75E-27 -8.74E-11															
-1.85E-26 4.25E-09 -1.12E-25															
COMB UEO14 ----- MAX															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -2.85E-28 19657.125															
-2.73E-27 -154426.914 -9.53E-26															
TOTAL 5.10E-10 -2.63E-28 -7.23E-11															
-2.71E-27 6.69E-09 -9.54E-26															
COMB UEO14 ----- MIN															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -2.85E-28 19657.125															
-2.73E-27 -154426.914 -9.53E-26															
TOTAL 5.10E-10 -2.63E-28 -7.23E-11															
-2.71E-27 6.69E-09 -9.54E-26															
COMB UEO15 ----- MAX															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO15 ----- MIN															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO16 ----- MAX															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO16 ----- MIN															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO17 ----- MAX															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO18 ----- MIN															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO19 ----- MAX															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO20 ----- MIN															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO21 ----- MAX															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO22 ----- MIN															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO23 ----- MAX															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO24 ----- MIN															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO25 ----- MAX															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO26 ----- MIN															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO27 ----- MAX															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO28 ----- MIN															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO29 ----- MAX															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO30 ----- MIN															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2.40E-10 -8.74E-28 -6.92E-11															
-9.19E-27 3.80E-09 -8.73E-26															
COMB UEO31 ----- MAX															
APPLIED 559.228861 -1.71E-30 -19657.125															
1.81E-29 154426.914 -9.19E-29															
REACTNS -559.228861 -8.75E-28 19657.125															
-9.20E-27 -154426.914 -8.72E-26															
TOTAL 2															

M2 M3					T					M2 M3					T																																																						
SVB03					MAX					SVB07					MIN					SVB11					MAX					SVB15					MIN																																		
REL DIST					P					M2 M3					REL DIST					P					M2 M3					REL DIST					P					M2 M3					REL DIST					P					M2 M3														
0.00000					0.00000					7.28E-12					-1.62E-27					0.00000					0.00000					7.28E-12					-1.62E-27					0.00000					0.00000					7.28E-12					-1.62E-27														
0.00000					8.08E-28					-8.08E-28					2.673035					0.00000					0.00000					1.09E-11					-2.02E-27					0.00000					0.00000					1.09E-11					-2.02E-27														
0.25000					0.00000					66.832631					2.673035					0.00000					0.00000					1.09E-11					-2.02E-27					0.00000					0.00000					1.09E-11					-2.02E-27														
0.00000					-0.514075					-12.851882					5.528079					0.00000					0.00000					1.09E-11					-2.02E-27					0.00000					0.00000					1.09E-11					-2.02E-27														
0.50000					-2.103362					-52.584048					8.564321					0.00000					0.00000					1.09E-11					-2.02E-27					0.00000					0.00000					1.09E-11					-2.02E-27														
0.75000					-4.838451					-120.961279					11.782032					0.00000					0.00000					1.09E-11					-2.02E-27					0.00000					0.00000					1.09E-11					-2.02E-27														
1.00000					-8.789934					-219.748356					0.00000					0.00000					1.09E-11					-2.02E-27					0.00000					0.00000					1.09E-11					-2.02E-27																			
0.00000					-8.789934					-219.748356					0.00000					0.00000					1.09E-11					-2.02E-27					0.00000					0.00000					1.09E-11					-2.02E-27																			
COMB					SVB03					MIN					COMB					SVB07					MAX					COMB					SVB11					MAX					COMB					SVB15					MIN														
REL DIST					P					M2 M3					REL DIST					P					M2 M3					REL DIST					P					M2 M3					REL DIST					P					M2 M3														
0.00000					0.00000					7.28E-12					-1.62E-27					0.00000					0.00000					7.28E-12					-1.62E-27					0.00000					0.00000					7.28E-12					-1.62E-27														
0.00000					8.08E-28					-8.08E-28					2.673035					0.00000					0.00000					1.09E-11					-2.02E-27					0.00000					0.00000					1.09E-11					-2.02E-27														
0.25000					0.00000					66.832631					2.673035					0.00000					0.00000					1.09E-11					-2.02E-27					0.00000					0.00000					1.09E-11					-2.02E-27														
0.00000					-0.514075					-12.851882					5.528079					0.00000					0.00000					1.09E-11					-2.02E-27					0.00000					0.00000					1.09E-11					-2.02E-27														
0.50000					-2.103362					-52.584048					8.564321					0.00000					0.00000					1.09E-11					-2.02E-27					0.00000					0.00000					1.09E-11					-2.02E-27														
0.75000					-4.838451					-120.961279					11.782032					0.00000					0.00000					1.09E-11					-2.02E-27					0.00000					0.00000					1.09E-11					-2.02E-27														
1.00000					-8.789934					-219.748356					0.00000					0.00000					1.09E-11					-2.02E-27					0.00000					0.00000					1.09E-11					-2.02E-27																			
0.00000					-8.789934					-219.748356					0.00000					0.00000					1.09E-11					-2.02E-27					0.00000					0.00000					1.09E-11					-2.02E-27																			
Program					SAP2000					Nonlinear					Version 7.42					Program					SAP2000					Nonlinear					Version 7.42					Program					SAP2000					Nonlinear					Version 7.42														
File:정도1교하행_P9_본체.OUT															File:정도1교하행_P9_본체.OUT															File:정도1교하행_P9_본체.OUT															File:정도1교하행_P9_본체.OUT																								
Page					184										Page					184										Page					184										Page					184										Page					184				
: AAbutPier					SAP2000					6-7 데이타파일 : 교각 본체					: AAbutPier					SAP2000					6-7 데이타파일 : 교각 본체					: AAbutPier					SAP2000					6-7 데이타파일 : 교각 본체					: AAbutPier					SAP2000					6-7 데이타파일 : 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															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					SVB04					MAX					COMB					SVB13					MAX					COMB					SVB17					MAX					COMB					SVB21					MAX														

```

.000000      2.66E-14 -219.748356
COMB      UEBO2 ----- MAX
REL DIST T      P      V2      V3
0.00000      0.00000      7.28E-12
.000000      8.08E-28      66.823631 -1.62E-27
0.25000      0.00000      6.832631 -8.09E-15
.000000      1.56E-15 -12.851882
0.50000      0.00000      138.201975 -1.67E-14
.000000      6.37E-15 -52.580408
0.75000      0.00000      214.109311 -2.59E-14
.000000      1.46E-14 -120.961279
1.00000      0.00000      294.550800 -3.57E-14
.000000      2.66E-14 -219.748356

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COMB UEB02 ----- MIN

REL DIST P V2 V3
 T M2 M3

0.00000	.000000	7.28E-12	-1.62E-27
.000000	8.08E-28	.000000	
0.25000	.000000	66.832631	-8.09E-15
.000000	1.56E-15	-12.851882	
0.50000	.000000	138.201975	-1.67E-14

.000000	6.37E-15	-52.584048	
0.75000	.000000	214.108031	-2.59E-14
.000000	1.46E-14	-120.961279	
1.00000	.000000	294.550800	-3.57E-14
.000000	2.66E-14	-219.748356	

```

COMB      UEB03 ----- MAX
REL DIST      P      V2      V3
      T      M2      M3
0.00000      .000000      7.28E-12      -1.62E-27
.000000      8.08E-28      -1.05E-27
0.25000      .000000      66.832631      3.475297
.000000      -0.668298      -12.851882
0.50000      .000000      138.201975      7.186503
.000000      -2.734370      -52.584048

```

0.75000	0.000000	214.108031	11.133618
.000000	-6.289986	-120.961279	
1.00000	0.000000	294.550800	15.316642
.000000	-11.426915	-219.748356	

COMB	UEB03	-----MIN		
REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		.000000	7.28E-12	-1.62E-27
.000000		8.08E-28	-1.05E-27	
0.25000		.000000	66.832631	3.475297
.000000		-0.668298	-12.851882	
0.50000		.000000	138.201975	7.186503
.000000		-2.734370	-52.584048	
0.75000		.000000	214.108031	11.133618
.000000		-6.289986	-170.961279	

```

0.000000      2.269391E+00      1.203012E+01      15.316642
1.000000      0.000000      294.550800      15.316642
.000000      -11.426915      -219.748356
Program SAP2000 Nonlinear Version 7.42
File:창도1교하행_P9_본체.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
COMB   UE034 ----- MAX
DEL DIST      D      V0      V0      V0

```

REL DIS	P	V2	V3
T	M2	M3	
0.00000	.000000	1.20E-11	-2.14E-27
.000000	8.08E-28	2.36E-12	
0.25000	.000000	66.832631	1.737648

```

0.00000   -0.331419   -12.851882
0.50000   .000000    138.201975   3.593251
.000000   -1.367185   -52.584048
0.75000   .000000    214.108031   5.566809
.000000   -3.144993   -120.961279
1.00000   .000000    294.550800   7.658321
.000000   -5.713457   -219.748356

COMB  UEB04  ----- MIN
```

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	1.20E-11	-2.14E-27
.000000	8.08E-28	2.36E-12	
0.25000	.000000	66.832631	1.737648

.000000	-0.334149	-12.851882	
0.50000	.000000	138.201975	3.593251
.000000	-1.367185	-52.584048	
0.75000	.000000	214.108031	5.566809
.000000	-3.144993	-120.961279	

```

1.00000      .000000      294.550800      7.658321
.000000      -5.713457      -219.748356
COMB  UEB05 ----- MAX

```

REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	7.28E-12	-1.62E-27
.000000	8.08E-28	-5.25E-28	
0.25000	.000000	66.923631	1.737648

0.20000	0.00000	68.832831	1.757648
0.00000	-0.334149	-12.851882	
0.50000	0.00000	138.201975	3.593251
0.00000	-1.367185	-52.584048	
0.75000	0.00000	214.108031	5.566809
0.00000	-3.144993	-120.961279	
1.00000	0.00000	294.550800	7.658321
0.00000	-5.713457	-219.748356	

COMB	UEB05	-----	MIN
REL DIST	P	V2	V3

T	M2	M3	
0.00000	.000000	7.28E-12	-1.62E-27
.000000	8.08E-28	-5.25E-28	
0.25000	.000000	66.832631	1.737648
.000000	-0.334149	-12.851882	

0.50000	.000000	138.201975	3.593251
.000000	-1.367185	-52.584048	
0.75000	.000000	214.108031	5.566809
.000000	-3.144993	-120.961279	
1.00000	.000000	294.550800	7.658321

```

.0000000 -5.713457 -219.748356
COMB UE06 ----- MAX
REI DIST          P          V2          V3

```

REL DIST	T	M2	M3	V3
0.00000		.000000	1.20E-11	-7.57E-11
0.00000		-3.78E-11	2.36E-12	
0.25000		.000000	66.832631	-7.57E-11
.000000		-8.40E-12	-12.851882	
0.50000		.000000	138.201975	-7.57E-11
.000000		2.10E-11	-52.584048	
0.75000		.000000	214.108031	-7.57E-11

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0.000000 5.05E-11 -120.961279
1.000000 .000000 294.550800 -7.57E-11
.000000 7.99E-11 -219.748356

COMB HIER06 ----- MIN

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REL DIST	P	V2	V3
T	M2	M3	
0.00000	.000000	1.20E-11	-7.57E-11

[illegible]

REL DIST	P	V2	V3	0.50000	-18.073125	172.752469	-2.09E-14	0.25000	0.00000	66.832631	-8.09E-15	0.00000	2.66E-14	-219.748356		
T	M2	M3		0.00000	7.96E-15	-65.730059		0.00000	1.56E-15	-12.851882						
0.00000	-36.146250	7.39E-12	-1.45E-27	0.75000	-18.073125	267.635039	-3.24E-14	0.50000	0.00000	138.201975	-1.67E-14	COMB	UEO06	----- MAX		
0.00000	1.18E-27	-1.35E-12		0.00000	1.83E-14	-151.201598		0.00000	6.37E-15	-52.584048						
0.25000	-36.146250	83.540789	-1.01E-14	1.00000	-18.073125	368.188500	-4.46E-14	0.75000	0.00000	214.108031	-2.59E-14	REL DIST	P	V2	V3	
0.00000	1.95E-15	-16.064852		0.00000	3.33E-14	-274.685445		0.00000	1.46E-14	-120.961279		T	M2	M3		
0.50000	-36.146250	172.752469	-2.09E-14	COMB	ULO15	----- MAX		0.00000	0.00000	294.550800	-3.57E-14	0.00000	1.89E-11	1.26E-11	-2.08E-27	
0.00000	7.96E-15	-65.730059		REL DIST	T	P	V2	0.00000	8.07E-28	3.91E-12		0.00000	8.57E-28	2.73E-12		
0.75000	-36.146250	267.635039	-3.24E-14	0.00000	1.08E-27	-9.25E-13		0.25000	0.00000	66.832631		0.25000	1.89E-11	66.832631	-8.09E-15	
0.00000	1.95E-15	-16.064852		0.50000	-18.073125	172.752469	-2.09E-14	0.50000	1.56E-15	-12.851882		0.00000	1.89E-11	138.201975	-1.67E-14	
0.50000	-36.146250	172.752469	-2.09E-14	0.00000	7.96E-15	-65.730059		0.00000	0.00000	138.201975	-1.67E-14	COMB	UEO06	----- MIN		
0.00000	7.96E-15	-65.730059		0.75000	-18.073125	267.635039	-3.24E-14	0.75000	1.46E-14	-120.961279		REL DIST	P	V2	V3	
0.25000	-36.146250	83.540789	-1.01E-14	1.00000	1.83E-14	-151.201598	-4.46E-14	0.00000	2.66E-14	-219.748356		T	M2	M3		
0.00000	1.95E-15	-16.064852		COMB	ULO15	----- MIN		0.00000	0.00000	294.550800	-3.57E-14	0.00000	1.89E-11	1.26E-11	-2.08E-27	
0.50000	-36.146250	172.752469	-2.09E-14	REL DIST	T	P	V2	0.00000	8.07E-28	3.91E-12		0.25000	8.57E-28	2.73E-12		
0.00000	7.96E-15	-65.730059		0.00000	1.08E-27	-9.25E-13		0.25000	1.56E-15	-12.851882		0.00000	1.89E-11	66.832631	-8.09E-15	
0.75000	-36.146250	267.635039	-3.24E-14	0.50000	-18.073125	172.752469	-2.09E-14	0.50000	1.46E-14	-120.961279		0.50000	1.56E-15	138.201975	-1.67E-14	
0.00000	1.95E-15	-16.064852		0.00000	7.96E-15	-65.730059		0.00000	0.00000	138.201975	-1.67E-14	0.00000	6.37E-15	-52.584048	-2.59E-14	
0.50000	-36.146250	172.752469	-2.09E-14	0.75000	-18.073125	267.635039	-3.24E-14	0.75000	1.46E-14	-120.961279		1.00000	1.89E-11	294.550800	-3.57E-14	
0.00000	7.96E-15	-65.730059		1.00000	1.83E-14	-151.201598	-4.46E-14	0.00000	2.66E-14	-219.748356		0.00000	1.89E-11	138.201975	-1.67E-14	
0.25000	-36.146250	83.540789	-1.01E-14	COMB	ULO11	----- MAX		0.00000	0.00000	138.201975	-1.67E-14	Program	SAP2000	Nonlinear	Version 7.42	
0.00000	1.95E-15	-16.064852		REL DIST	T	P	V2	0.00000	6.37E-15	-52.584048		File:	청도1교하행_P9_본체	OUT		
0.50000	-36.146250	172.752469	-2.09E-14	0.00000	1.08E-27	-9.25E-13		0.75000	1.46E-14	-120.961279						
0.00000	7.96E-15	-65.730059		0.50000	-18.073125	172.752469	-2.09E-14	1.00000	2.66E-14	-219.748356						
0.75000	-36.146250	267.635039	-3.24E-14	0.00000	7.96E-15	-65.730059		COMB	UEO02	----- MAX						
0.00000	1.95E-15	-16.064852		0.75000	-18.073125	267.635039	-3.24E-14	REL DIST	T	P	V2	REL DIST	T	P	V2	V3
0.50000	-36.146250	172.752469	-2.09E-14	1.00000	1.83E-14	-151.201598	-4.46E-14	0.00000	0.00000	7.28E-12		0.00000	0.00000	1.20E-11		
0.00000	7.96E-15	-65.730059		COMB	SAP2000	Nonlinear	Version 7.42	0.00000	8.07E-28	1.15E-15		0.25000	8.57E-28	2.36E-12		
0.25000	-36.146250	83.540789	-1.01E-14	File:	청도1교하행_P9_본체	OUT		0.25000	1.56E-15	-12.851882		0.25000	0.00000	66.832631	-8.09E-15	
0.00000	1.95E-15	-16.064852						0.50000	1.46E-14	-120.961279		0.00000	1.56E-15	138.201975	-1.67E-14	
0.50000	-36.146250	172.752469	-2.09E-14					0.50000	2.66E-14	-219.748356		0.00000	1.56E-15	-12.851882		
0.00000	7.96E-15	-65.730059						0.75000	1.46E-14	-120.961279		0.50000	1.56E-15	138.201975	-1.67E-14	
0.75000	-36.146250	267.635039	-3.24E-14					1.00000	2.66E-14	-219.748356		0.00000	6.37E-15	-52.584048	-2.59E-14	
0.00000	1.95E-15	-16.064852						COMB	UEO03	----- MAX		0.00000	1.89E-11	294.550800	-3.57E-14	
0.50000	-36.146250	172.752469	-2.09E-14					REL DIST	T	P	V2	REL DIST	T	P	V2	V3
0.00000	7.96E-15	-65.730059						0.00000	0.00000	4.91E-12		0.00000	0.00000	1.20E-11		
0.75000	-36.146250	267.635039	-3.24E-14					0.00000	8.07E-28	-1.15E-12		0.25000	8.57E-28	2.36E-12		
0.00000	1.95E-15	-16.064852						0.25000	1.56E-15	-12.851882		0.25000	0.00000	66.832631	-8.09E-15	
0.50000	-36.146250	172.752469	-2.09E-14					0.50000	1.46E-14	-120.961279		0.00000	1.56E-15	138.201975	-1.67E-14	
0.00000	7.96E-15	-65.730059						0.75000	2.66E-14	-219.748356		0.00000	1.56E-15	-12.851882		
0.75000	-36.146250	267.635039	-3.24E-14					1.00000	2.66E-14	-219.748356		0.50000	1.56E-15	138.201975	-1.67E-14	
0.00000	1.95E-15	-16.064852						COMB	UEO07	----- MIN		0.00000	6.37E-15	-52.584048	-2.59E-14	
0.50000	-36.146250	172.752469	-2.09E-14					REL DIST	T	P	V2	REL DIST	T	P	V2	V3
0.00000	7.96E-15	-65.730059						0.00000	0.00000	9.39E-28		0.00000	0.00000	1.20E-11		
0.75000	-36.146250	267.635039	-3.24E-14					0.00000	8.07E-28	-1.77E-12		0.25000	8.57E-28	2.36E-12		
0.00000	1.95E-15	-16.064852						0.25000	1.56E-15	-12.851882		0.25000	0.00000	66.832631	-8.09E-15	
0.50000	-36.146250	172.752469	-2.09E-14					0.50000	1.46E-14	-120.961279		0.00000	1.56E-15	138.201975	-1.67E-14	
0.00000	7.96E-15	-65.730059						0.75000	2.66E-14	-219.748356		0.00000	1.56E-15	-12.851882		
0.75000	-36.146250	267.635039	-3.24E-14					1.00000	2.66E-14	-219.748356		0.50000	1.56E-15	138.201975	-1.67E-14	
0.00000	1.95E-15	-16.064852						COMB	UEO08	----- MAX		0.00000	6.37E-15	-52.584048	-2.59E-14	
0.50000	-36.146250	172.752469	-2.09E-14					REL DIST	T	P	V2	REL DIST	T	P	V2	V3
0.00000	7.96E-15	-65.730059						0.00000	0.00000	4.91E-12		0.00000	0.00000	1.20E-11		
0.75000	-36.146250	267.635039	-3.24E-14					0.00000	8.07E-28	-1.77E-12		0.25000	8.57E-28	2.36E-12		
0.00000	1.95E-15	-16.064852						0.25000	1.56E-15	-12.851882		0.25000	0.00000	66.832631	-8.09E-15	
0.50000	-36.146250	172.752469	-2.09E-14					0.50000	1.46E-14	-120.961279		0.00000	1.56E-15	138.201975	-1.67E-14	
0.00000	7.96E-15	-65.730059						0.75000	2.66E-14	-219.748356		0.00000	1.56E-15	-12.851882		
0.75000	-36.146250	267.635039	-3.24E-14					1.00000	2.66E-14	-219.748356		0.50000	1.56E-15	138.201975	-1.67E-14	
0.00000	1.95E-15	-16.064852						COMB	UEO09	----- MIN		0.00000	6.37E-15	-52.584048	-2.59E-14	
0.50000	-36.146250	172.752469	-2.09E-14					REL DIST	T	P	V2	REL DIST	T	P	V2	V3
0.00000	7.96E-15	-65.730059						0.00000	0.00000	9.39E-28		0.00000	0.00000	1.20E-11		
0.75000	-36.146250	267.635039	-3.24E-14					0.00000	8.07E-28	-1.77E-12		0.25000	8.57E-28	2.36E-12		
0.00000	1.95E-15	-16.064852						0.25000	1.56E-15	-12.851882		0.25000	0.00000	66.832631	-8.09E-15	
0.50000	-36.146250	172.752469	-2.09E-14					0.50000	1.46E-14	-120.961279		0.00000	1.56E-15	138.201975	-1.67E-14	
0.00000	7.96E-15	-65.730059						0.75000	2.66E-14	-219.748356		0.00000	1.56E-15	-12.851882		
0.75000	-36.146250	267.635039	-3.24E-14					1.00000	2.66E-14	-219.748356		0.50000	1.56E-15	138.201975	-1.67E-14	
0.00000	1.95E-15	-16.064852						COMB	UEO04	----- MAX		0.00000	6.37E-15	-52.584048	-2.59E-14	
0.50000	-36.146250	172.752469	-2.09E-14					REL DIST	T	P	V2	REL DIST	T	P	V2	V3
0.00000	7.96E-15	-65.730059						0.00000	0.00000	1.08E-11		0.00000	0.00000	1.20E-11		
0.75000	-36.146250	267.635039	-3.24E-14					0.00000	8.07E-28	1.40E-12		0.25000	8.57E-28	2.36E-12		
0.00000	1.95E-15	-16.064852						0.25000	1.56E-15	-12.851882		0.25000	0.00000	66.832631	-8.09E-15	
0.50000	-36.146250	172.752469	-2.09E-14					0.50000	1.46E-14	-120.961279		0.00000	1.56E-15	138.201975	-1.67E-14	
0.00000	7.96E-15	-65.730059						0.75000	2.66E-14	-219.748356		0.00000	1.56E-15	-12.851882		
0.75000	-36.146250	267.635039	-3.24E-14					1.00000	2.66E-14	-219.748356		0.50000	1.56E-15	138.201975	-1.67E-14	
0.00000	1.95E-15	-16.064852						COMB	UEO05	----- MIN		0.00000	6.37E-15	-52.584048	-2.59E-14	
0.50000	-36.146250	172.752469	-2.09E-14					REL DIST	T	P	V2	REL DIST	T			

[illegible]

1.00000	-9.09E-13	7.11E-15	-1.58E-30
0.00000	-8.77E-31	3.98E-16	
COMB	SVB01	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.19E-12	7152.461	-8.66E-13
0.00000	2.66E-14	-219.748356	-8.72E-13
0.25000	-8.19E-12	7203.477	-8.72E-13
0.00000	2.32E-13	-1913.716	-8.79E-13
0.50000	-8.19E-12	7256.165	-8.79E-13
0.00000	4.38E-13	-3619.921	-8.85E-13
0.75000	-8.19E-12	7310.526	-8.85E-13
0.00000	6.47E-13	-5338.758	-8.92E-13
1.00000	-8.19E-12	7366.560	-8.92E-13
0.00000	8.56E-13	-7070.621	

COMB	SVB01	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.19E-12	7152.461	-8.66E-13
0.00000	2.66E-14	-219.748356	-8.72E-13
0.25000	-8.19E-12	7203.477	-8.72E-13
0.00000	2.32E-13	-1913.716	-8.79E-13
0.50000	-8.19E-12	7256.165	-8.79E-13
0.00000	4.38E-13	-3619.921	-8.85E-13
0.75000	-8.19E-12	7310.526	-8.85E-13
0.00000	6.47E-13	-5338.758	-8.92E-13
1.00000	-8.19E-12	7366.560	-8.92E-13
0.00000	8.56E-13	-7070.621	

COMB	SVB02	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.28E-12	5513.991	-6.68E-13
0.00000	2.66E-14	-219.748356	-6.74E-13
0.25000	-7.28E-12	5565.007	-6.80E-13
0.00000	1.85E-13	-1527.037	-6.80E-13
0.50000	-7.28E-12	5617.695	-6.80E-13
0.00000	3.45E-13	-2846.563	-6.87E-13
0.75000	-7.28E-12	5672.056	-6.87E-13
0.00000	5.06E-13	-4178.721	-6.94E-13
1.00000	-7.28E-12	5728.090	-6.94E-13
0.00000	6.69E-13	-5523.905	

COMB	SVB02	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.28E-12	5513.991	-6.68E-13
0.00000	2.66E-14	-219.748356	-6.74E-13
0.25000	-7.28E-12	5565.007	-6.80E-13
0.00000	1.85E-13	-1527.037	-6.80E-13
0.50000	-7.28E-12	5617.695	-6.80E-13
0.00000	3.45E-13	-2846.563	-6.87E-13
0.75000	-7.28E-12	5672.056	-6.87E-13
0.00000	5.06E-13	-4178.721	-6.94E-13
1.00000	-7.28E-12	5728.090	-6.94E-13
0.00000	6.69E-13	-5523.905	

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FRAME ELEMENT INTERNAL FORCES					
COMB		SVB03		----- MAX	
REL DIST	T	P	V2	V3	
		M2	M3		
0.00000		-7.28E-12	5513.991	11.782032	
0.00000		-8.789934	-219.748356	13.822665	
0.25000		-7.28E-12	5565.007	15.930204	
0.00000		-11.809973	-1527.037	18.104649	
0.50000		-7.28E-12	5617.695	20.346000	
0.00000		-15.319495	-2846.563		
0.75000		-7.28E-12	5672.056		
0.00000		-19.334292	-4178.721		
1.00000		-7.28E-12	5728.090		
0.00000		-23.870153	-5523.905		

COMB	SVB03	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.28E-12	5513.991	11.782032
0.00000	-8.789934	-219.748356	13.822665
0.25000	-7.28E-12	5565.007	15.930204
0.00000	-11.809973	-1527.037	18.104649
0.50000	-7.28E-12	5617.695	20.346000
0.00000	-15.319495	-2846.563	
0.75000	-7.28E-12	5672.056	
0.00000	-19.334292	-4178.721	
1.00000	-7.28E-12	5728.090	
0.00000	-23.870153	-5523.905	

COMB	SVB04	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.19E-12	7152.461	5.891016
0.00000	-4.394967	-219.748356	6.911333
0.25000	-8.19E-12	7203.477	7.965102
0.00000	-5.904986	-1913.716	9.052325
0.50000	-7.659748	-2846.563	10.173000
0.00000	-9.667146	-3619.921	
0.75000	-8.19E-12	7256.165	
0.00000	-9.667146	-4178.721	
1.00000	-7.28E-12	7310.526	
0.00000	-9.667146	-5338.758	
1.00000	-8.19E-12	7366.560	
0.00000	-11.935077	-7070.621	

COMB	SVB04	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.19E-12	7152.461	5.891016
0.00000	-4.394967	-219.748356	6.911333
0.25000	-8.19E-12	7203.477	7.965102
0.00000	-5.904986	-1913.716	9.052325
0.50000	-7.659748	-2846.563	10.173000
0.00000	-9.667146	-3619.921	
0.75000	-8.19E-12	7256.165	
0.00000	-9.667146	-4178.721	
1.00000	-7.28E-12	7310.526	
0.00000	-9.667146	-5338.758	
1.00000	-8.19E-12	7366.560	
0.00000	-11.935077	-7070.621	

COMB	SVB05	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.28E-12	5513.991	5.891016
0.00000	-4.394967	-219.748356	6.911333
0.25000	-7.28E-12	5565.007	7.965102
0.00000	-5.904986	-1527.037	9.052325
0.50000	-7.28E-12	5617.695	10.173000
0.00000	-7.659748	-2846.563	
0.75000	-7.28E-12	5672.056	
0.00000	-9.667146	-4178.721	
1.00000	-7.28E-12	5728.090	
0.00000	-11.935077	-5523.905	

COMB	SVB05	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.28E-12	5513.991	5.891016
0.00000	-4.394967	-219.748356	6.911333
0.25000	-7.28E-12	5565.007	7.965102
0.00000	-5.904986	-1527.037	9.052325
0.50000	-7.28E-12	5617.695	10.173000
0.00000	-7.659748	-2846.563	
0.75000	-7.28E-12	5672.056	
0.00000	-9.667146	-4178.721	
1.00000	-7.28E-12	5728.090	
0.00000	-11.935077	-5523.905	

0.00000	-7.28E-12	5513.991	5.891016
0.00000	-4.394967	-219.748356	6.911333
0.25000	-7.28E-12	5565.007	7.965102
0.00000	-5.904986	-1527.037	9.052325
0.50000	-7.28E-12	5617.695	10.173000
0.00000	-7.659748	-2846.563	
0.75000	-7.28E-12	5672.056	
0.00000	-9.667146	-4178.721	
1.00000	-7.28E-12	5728.090	
0.00000	-11.935077	-5523.905	
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FRAME ELEMENT INTERNAL FORCES							
COMB		SVB06		-----		MAX	
REL	T	P	M2	V2	M3	V3	
0.00000		-8.19E-12	7152.461			260.972000	
0.00000		2.91E-11	-219.748356			260.972000	
0.25000		-8.19E-12	7203.477			260.972000	
0.00000		-61.589392	-1913.716			260.972000	
0.50000		-8.19E-12	7256.165			260.972000	
0.00000		-123.178784	-3619.921			260.972000	
0.75000		-8.19E-12	7310.526			260.972000	
0.00000		-184.768176	-5338.758			260.972000	
1.00000		-8.19E-12	7366.560			260.972000	
0.00000		-246.357568	-7070.621				

COMB	SVB06	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.19E-12	7152.461	260.972000
0.00000	2.91E-11	-219.748356	260.972000
0.25000	-8.19E-12	7203.477	260.972000
0.00000	-61.589392	-1913.716	260.972000
0.50000	-8.19E-12	7256.165	260.972000
0.00000	-123.178784	-3619.921	260.972000
0.75000	-8.19E-12	7310.526	260.972000
0.00000	-184.768176	-5338.758	260.972000
1.00000	-8.19E-12	7366.560	260.972000
0.00000	-246.357568	-7070.621	

COMB	SVB07	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.19E-12	7152.461	-8.66E-13
0.00000	2.66E-14	-219.748356	-8.72E-13
0.25000	-8.19E-12	7203.477	-8.72E-13
0.00000	2.32E-13	-1913.716	-8.79E-13
0.50000	-8.19E-12	7256.165	-8.79E-13
0.00000	4.38E-13	-3619.921	-8.85E-13
0.75000	-8.19E-12	7310.526	-8.85E-13
0.00000	6.47E-13	-5338.758	-8.92E-13
1.00000	-8.19E-12	7366.560	-8.92E-13
0.00000	8.56E-13	-7070.621	

COMB	SVB07	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.19E-12	7152.461	-8.66E-13
0.00000	2.66E-14	-219.748356	-8.72E-13
0.25000	-8.19E-12	7203.477	-8.72E-13
0.00000	2.32E-13	-1913.716	-8.79E-13
0.50000	-8.19E-12	7256.165	-8.79E-13
0.00000	4.38E-13	-3619.921	-8.85E-13
0.75000	-8.19E-12	7310.526	-8.85E-13
0.00000	6.47E-13	-5338.758	-8.92E-13
1.00000	-8.19E-12	7366.560	-8.92E-13
0.00000	8.56E-13	-7070.621	

COMB	SVB08	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.28E-12	5513.991	260.972000
0.00000	2.91E-11	-219.748356	260.972000
0.25000	-7.28E-12	5565.007	260.972000
0.00000	-61.589392	-1527.037	260.972000
0.50000	-7.28E-12	5617.695	260.972000
0.00000	-123.178784	-2846.563	260.972000
0.75000	-7.28E-12	5672.056	260.972000
0.00000	-184.768176	-4178.721	260.972000
1.00000	-7.28E-12	5728.090	260.972000
0.00000	-246.357568	-5523.905	

COMB	SVB08	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.28E-12	5513.991	260.972000
0.00000	2.91E-11	-219.748356	260.972000
0.25000	-7.28E-12	5565.007	260.972000
0.00000	-61.589392	-1527.037	260.972000
0.50000	-7.28E-12	5617.695	260.972000
0.00000	-123.178784	-2846.563	260.972000
0.75000	-7.28E-12	5672.056	260.972000
0.00000	-184.768176	-4178.721	260.972000
1.00000	-7.28E-12	5728.090	260.972000
0.00000	-246.357568	-5523.905	

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COMB SVB09----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.28E-12	5513.991	-6.68E-13
0.00000	2.66E-14	-219.748356	-6.74E-13
0.25000	-7.28E-12	5565.007	-6.80E-13
0.00000	1.85E-13	-1527.037	-6.80E-13
0.50000	-7.28E-12	5617.695	-6.80E-13
0.00000	3.45E-13	-2846.563	-6.87E-13
0.75000	-7.28E-12	5672.056	-6.87E-13
0.00000	5.06E-13	-4178.721	-6.94E-13
1.00000	-7.28E-12	5728.090	-6.94E-13
0.00000	6.69E-13	-5523.905	

0.25000	-7.28E-12	5565.007	-6.74E-13
.000000	1.85E-13	-1527.037	
0.50000	-7.28E-12	5617.693	-6.80E-13
.000000	3.45E-13	-2846.565	
0.75000	-7.28E-12	5672.056	-6.87E-13
.000000	5.06E-13	-4178.721	
1.00000	-7.28E-12	5728.090	-6.94E-13
.000000	6.69E-13	-5523.905	
COMB	SVB09	-----	MIN
REL DIST	P	V2	V3
T	M2	M	
0.00000	-7.28E-12	5513.931	-6.68E-13
.000000	2.10E-13	-2846.565	

.000000 -7.676482 -2487.831 10.354633
0.500000 -1.06E-11 9433.015 10.354633
0.000000 -9.957672 -4705.897 11.768022
0.750000 -1.06E-11 9503.684 11.768022
0.000000 -12.567290 -6940.385 10.354633
1.000000 -1.06E-11 9576.528 13.224900
0.000000 -15.515599 -9191.807 13.224900

COMB ULB04 ----- MIN

REL DIST T P M2 M3 V2 V3
0.000000 -1.06E-11 9298.199 7.658321
0.000000 -5.713457 -285.672863 10.354633
0.250000 -1.06E-11 9364.520 8.984732
0.000000 -7.676482 -2487.831 10.354633
0.500000 -1.06E-11 9433.015 10.354633
0.000000 -9.957672 -4705.897 11.768022
0.750000 -1.06E-11 9503.684 11.768022
0.000000 -12.567290 -6940.385 13.224900
1.000000 -1.06E-11 9576.528 13.224900
0.000000 -15.515599 -9191.807 13.224900

COMB ULB05 ----- MAX

REL DIST T P M2 M3 V2 V3
0.000000 -9.46E-12 7168.188 7.658321
0.000000 -5.713457 -285.672863 10.354633
0.250000 -9.46E-12 7234.509 8.984732
0.000000 -7.676482 -1985.148 10.354633
0.500000 -9.46E-12 7303.004 10.354633
0.000000 -9.957672 -3700.532 11.768022
0.750000 -9.46E-12 7373.673 11.768022
0.000000 -12.567290 -5432.337 13.224900
1.000000 -9.46E-12 7446.517 13.224900
0.000000 -15.515599 -7181.077 13.224900

COMB ULB05 ----- MIN

REL DIST T P M2 M3 V2 V3
0.000000 -9.46E-12 7168.188 7.658321
0.000000 -5.713457 -285.672863 10.354633
0.250000 -9.46E-12 7234.509 8.984732
0.000000 -7.676482 -1985.148 10.354633
0.500000 -9.46E-12 7303.004 10.354633
0.000000 -9.957672 -3700.532 11.768022
0.750000 -9.46E-12 7373.673 11.768022
0.000000 -12.567290 -5432.337 13.224900
1.000000 -9.46E-12 7446.517 13.224900
0.000000 -15.515599 -7181.077 13.224900

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FRAME ELEMENT INTERNAL FORCES

COMB ULB06 ----- MAX

REL DIST T P M2 M3 V2 V3
0.000000 -1.06E-11 9298.199 339.263600
0.000000 3.79E-11 -285.672863 339.263600
0.250000 -1.06E-11 9364.520 339.263600
0.511.100200 -80.066210 -2487.831 339.263600
0.500000 -1.06E-11 9433.015 339.263600
0.511.100200 -160.132419 -4705.897 339.263600
0.750000 -1.06E-11 9503.684 339.263600
0.511.100200 -240.198629 -6940.385 339.263600
1.000000 -1.06E-11 9576.528 339.263600
0.511.100200 -320.264838 -9191.807 339.263600

COMB ULB06 ----- MIN

REL DIST T P M2 M3 V2 V3
0.000000 -1.06E-11 9298.199 339.263600
0.511.100200 3.79E-11 -285.672863 339.263600
0.250000 -1.06E-11 9364.520 339.263600
0.511.100200 -80.066210 -2487.831 339.263600
0.500000 -1.06E-11 9433.015 339.263600
0.511.100200 -160.132419 -4705.897 339.263600
0.750000 -1.06E-11 9503.684 339.263600
0.511.100200 -240.198629 -6940.385 339.263600
1.000000 -1.06E-11 9576.528 339.263600
0.511.100200 -320.264838 -9191.807 339.263600

COMB ULB07 ----- MAX

REL DIST T P M2 M3 V2 V3
0.000000 -1.06E-11 9298.199 339.263600
0.000000 3.46E-14 -285.672863 339.263600
0.250000 -1.06E-11 9364.520 339.263600
0.000000 3.01E-11 -2487.831 339.263600
0.500000 -1.06E-11 9433.015 339.263600
0.500000 5.70E-13 -4705.897 339.263600
0.750000 -1.06E-11 9503.684 339.263600
0.000000 8.41E-13 -6940.385 339.263600
1.000000 -1.06E-11 9576.528 339.263600
0.000000 1.11E-12 -9191.807 339.263600

COMB ULB07 ----- MIN

REL DIST T P M2 M3 V2 V3
0.000000 -1.06E-11 9298.199 339.263600
0.000000 3.46E-14 -285.672863 339.263600
0.250000 -1.06E-11 9364.520 339.263600
0.000000 3.01E-11 -2487.831 339.263600
0.500000 -1.06E-11 9433.015 339.263600
0.000000 5.70E-13 -4705.897 339.263600
0.750000 -1.06E-11 9503.684 339.263600
0.000000 8.41E-13 -6940.385 339.263600
1.000000 -1.06E-11 9576.528 339.263600
0.000000 1.11E-12 -9191.807 339.263600

COMB ULB08 ----- MAX

REL DIST T P M2 M3 V2 V3
0.000000 -9.46E-12 7168.188 339.263600
0.511.100200 3.79E-11 -285.672863 339.263600
0.250000 -9.46E-12 7234.509 339.263600
0.511.100200 -80.066210 -1985.148 339.263600
0.500000 -9.46E-12 7303.004 339.263600
0.511.100200 -160.132419 -3700.532 339.263600
0.750000 -9.46E-12 7373.673 339.263600
0.511.100200 -240.198629 -5432.337 339.263600
1.000000 -9.46E-12 7446.517 339.263600
0.511.100200 -320.264838 -7181.077 339.263600

COMB ULB08 ----- MIN

REL DIST T P M2 M3 V2 V3
0.000000 -9.46E-12 7168.188 339.263600
0.511.100200 3.79E-11 -285.672863 339.263600
0.250000 -9.46E-12 7234.509 339.263600
0.511.100200 -80.066210 -1985.148 339.263600
0.500000 -9.46E-12 7303.004 339.263600
0.511.100200 -160.132419 -3700.532 339.263600
0.750000 -9.46E-12 7373.673 339.263600
0.511.100200 -240.198629 -5432.337 339.263600
1.000000 -9.46E-12 7446.517 339.263600
0.511.100200 -320.264838 -7181.077 339.263600

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FRAME ELEMENT INTERNAL FORCES

COMB ULB09 ----- MAX

REL DIST T P M2 M3 V2 V3
0.000000 -9.46E-12 7168.188 -8.68E-13
0.000000 3.46E-14 -285.672863 -8.68E-13
0.250000 -9.46E-12 7234.509 -8.76E-13
0.000000 2.40E-13 -1985.148 -8.84E-13
0.500000 -9.46E-12 7303.004 -8.84E-13
0.000000 4.48E-13 -3700.532 -8.93E-13
0.750000 -9.46E-12 7373.673 -8.93E-13
0.000000 6.58E-13 -5432.337 -9.02E-13
1.000000 -9.46E-12 7446.517 -9.02E-13
0.000000 8.70E-13 -7181.077 -9.02E-13

COMB ULB09 ----- MIN

REL DIST T P M2 M3 V2 V3
0.000000 -9.46E-12 7168.188 -8.68E-13
0.000000 3.46E-14 -285.672863 -8.76E-13
0.250000 -9.46E-12 7234.509 -8.76E-13
0.000000 2.40E-13 -1985.148 -8.84E-13
0.500000 -9.46E-12 7303.004 -8.84E-13
0.000000 4.48E-13 -3700.532 -8.93E-13
0.750000 -9.46E-12 7373.673 -8.93E-13
0.000000 6.58E-13 -5432.337 -9.02E-13
1.000000 -9.46E-12 7446.517 -9.02E-13
0.000000 8.70E-13 -7181.077 -9.02E-13

COMB ULB10 ----- MAX

REL DIST T P M2 M3 V2 V3
0.000000 -9.09E-12 6892.488 340.942540
0.000000 -10.987418 -274.685445 343.493331
0.250000 -9.09E-12 6956.258 343.493331
0.491.442500 -91.749206 -1908.796 346.127755
0.500000 -9.09E-12 7022.119 346.127755
0.491.442500 -173.122849 -3558.204 348.845811
0.750000 -9.09E-12 7090.070 348.845811
0.491.442500 -255.128085 -5223.401 351.647500
1.000000 -9.09E-12 7160.113 351.647500
0.491.442500 -337.784651 -6904.881 351.647500

COMB ULB10 ----- MIN

REL DIST T P M2 M3 V2 V3
0.000000 -9.09E-12 6892.488 340.942540
0.000000 -10.987418 -274.685445 343.493331
0.250000 -9.09E-12 6956.258 343.493331
0.491.442500 -91.749206 -1908.796 346.127755
0.500000 -9.09E-12 7022.119 346.127755
0.491.442500 -173.122849 -3558.204 348.845811
0.750000 -9.09E-12 7090.070 348.845811
0.491.442500 -255.128085 -5223.401 351.647500
1.000000 -9.09E-12 7160.113 351.647500
0.491.442500 -337.784651 -6904.881 351.647500

COMB ULB11 ----- MAX

REL DIST T P M2 M3 V2 V3
0.000000 -9.09E-12 6892.488 14.727540
0.000000 -10.987418 -274.685445 17.278331
0.250000 -9.09E-12 6956.258 19.912755
0.000000 -14.762466 -1908.796 22.630811
0.500000 -9.09E-12 7022.119 22.630811
0.000000 -19.149369 -3558.204 25.432500
0.750000 -9.09E-12 7090.070 25.432500
0.000000 -24.167865 -5223.401 25.432500
1.000000 -9.09E-12 7160.113 25.432500
0.000000 -29.837691 -6904.881 25.432500

COMB ULB11 ----- MIN

REL DIST T P M2 M3 V2 V3
0.000000 -9.09E-12 6892.488 14.727540
0.000000 -10.987418 -274.685445 17.278331
0.250000 -9.09E-12 6956.258 19.912755
0.000000 -14.762466 -1908.796 22.630811
0.500000 -9.09E-12 7022.119 22.630811
0.000000 -19.149369 -3558.204 25.432500
0.750000 -9.09E-12 7090.070 25.432500
0.000000 -24.167865 -5223.401 25.432500
1.000000 -9.09E-12 7160.113 25.432500
0.000000 -29.837691 -6904.881 25.432500

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FRAME ELEMENT INTERNAL FORCES

COMB ULB12 ----- MAX

REL DIST T P M2 M3 V2 V3
0.000000 -1.02E-11 8940.576 333.578770
0.000000 -5.493709 -274.685445 334.854166
0.250000 -1.02E-11 9004.346 334.854166
0.491.442500 -84.367973 -2392.145 336.171377
0.500000 -1.02E-11 9070.206 336.171377
0.491.442500 -163.548165 -4524.901 337.530406
0.750000 -1.02E-11 9138.158 337.530406
0.491.442500 -243.044153 -6673.447 338.931250
1.000000 -1.02E-11 9208.200 338.931250
0.491.442500 -322.865806 -8838.276 338.931250

COMB ULB12 ----- MIN

REL DIST T P M2 M3 V2 V3
0.000000 -1.02E-11 8940.576 333.578770
0.000000 -5.493709 -274.685445 334.854166
0.250000 -1.02E-11 9004.346 334.854166
0.491.442500 -84.367973 -2392.145 336.171377
0.500000 -1.02E-11 9070.206 336.171377
0.491.442500 -163.548165 -4524.901 337.530406
0.750000 -1.02E-11 9138.158 337.530406
0.491.442500 -243.044153 -6673.447 338.931250
1.000000 -1.02E-11 9208.200 338.931250
0.491.442500 -322.865806 -8838.276 338.931250

COMB ULB13 ----- MAX

REL DIST T P M2 M3 V2 V3
0.000000 -1.02E-11 8940.576 7.363770
0.000000 -5.493709 -274.685445 8.639166
0.250000 -1.02E-11 9004.346 8.639166
0.500000 -1.02E-11 9070.206 9.956378
0.000000 -1.02E-11 9138.158 11.315406
0.000000 -12.083933 -6673.447 11.315406

1.000000 -1.02E-11 9208.200 12.716250
0.000000 -14.918846 -8838.276 12.716250

COMB ULB13 ----- MIN

REL DIST T P M2 M3 V2 V3
0.000000 -1.02E-11 8940.576 7.363770
0.000000 -5.493709 -274.685445 8.639166
0.250000 -1.02E-11 9004.346 8.639166
0.000000 -7.381233 -2392.145 9.956378
0.500000 -1.02E-11 9070.206 9.956378
0.000000 -9.574685 -4524.901 11.315406
0.750000 -1.02E-11 9138.158 11.315406
0.000000 -12.083933 -6673.447 12.716250
1.000000 -1.02E-11 9208.200 12.716250
0.000000 -14.918846 -8838.276 12.716250

COMB ULB14 ----- MAX

REL DIST T P M2 M3 V2 V3
0.000000 -9.09E-12 6892.488 333.578770
0.000000 -5.493709 -274.685445 334.854166
0.250000 -9.09E-12 6956.258 336.171377
0.491.442500 -84.367973 -2392.145 337.530406
0.500000 -9.09E-12 7022.119 337.530406
0.750000 -9.09E-12 7090.070 337.530406
0.491.442500 -243.044153 -6673.447 338.931250
1.000000 -9.09E-12 7160.113 338.931250
0.491.442500 -322.865806 -6904.881 338.931250

COMB ULB14 ----- MIN

REL DIST T P M2 M3 V2 V3
0.000000 -9.09E-12 6892.488 333.578770
0.000000 -5.493709 -274.685445 334.854166
0.250000 -9.09E-12 6956.258 336.171377
0.491.442500 -84.367973 -2392.145 337.530406
0.500000 -9.09E-12 7022.119 337.530406
0.750000 -9.09E-12 7090.070 337.530406
0.491.442500 -243.044153 -6673.447 338.931250
1.000000 -9.09E-12 7160.113 338.931250
0.491.442500 -322.865806 -6904.881 338.931250

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FRAME ELEMENT INTERNAL FORCES

COMB ULB15 ----- MAX

REL DIST T P M2 M3 V2 V3
0.000000 -9.09E-12 6892.488 7.363770
0.000000 -5.493709 -274.685445 8.639166
0.250000 -9.09E-12 6956.258 9.956378
0.000000 -7.381233 -2392.145 11.315406
0.500000 -9.09E-12 7022.119 11.315406
0.000000 -9.574685 -4524.901 12.716250
0.750000 -9.09E-12 7090.070 12.716250
0.000000 -12.083933 -6673.447 12.716250
1.000000 -9.09E-12 7160.113 12.716250
0.000000 -14.918846 -6904.881 12.716250

COMB ULB15 ----- MIN

REL DIST T P M2 M3 V2 V3
0.000000 -9.09E-12 6892.488 7.363770
0.000000 -5.493709 -274.685445 8.639166
0.250000 -9.09E-12 6956.258 9.956378
0.000000 -7.381233 -2392.145 11.315406
0.500000 -9.09E-12 7022.119 11.315406
0.000000 -9.574685 -4524.901 12.716250
0.750000 -9.09E-12 7090.070 12.716250
0.000000 -12.083933 -6673.447 12.716250
1.000000 -9.09E-12 7160.113 12.716250
0.000000 -14.918846 -6904.881 12.716250

COMB ULB16 ----- MAX

REL DIST T P M2 M3 V2 V3
0.000000 -7.28E-12 5513.991 -6.68E-13
0.000000 2.66E-14 -219.748356 -6.74E-13
0.250000 -7.28E-12 5565.007 -6.74E-13
0.000000 1.85E-13 -1527.037 -6.80E-13
0.500000 -7.28E-12 5617.695 -6.80E-13
0.000000 3.45E-13 -2846.563 -6.87E-13
0.750000 -7.28E-12 5672.056 -6.87E-13
0.000000 5.06E-13 -4178.721 -6.94E-13
1.000000 -7.28E-12 5728.090 -6.94E-13
0.000000 6.69E-13 -5523.905 -6.94E-13

COMB ULB16 ----- MIN</

REL DIST T P M2 V2 V3				COMB UEB09				MAX				0.00000 -7.381233 -1934.034				0.00000 -10.547921 -197.773521			
0.00000 -8.46E-12 7644.002 7.658321				REL DIST T P M2 V2 V3				0.50000 -8.05E-12 7384.898 9.956378				0.25000 -6.55E-12 5008.506				16.587198			
0.00000 -5.713457 -219.748356				0.25000 -7.28E-12 5565.007 9.884732				0.00000 -9.574685 -3670.932 11.315406				0.00000 -14.171967 -1374.333				19.116245			
0.00000 -7.676482 -1527.037 10.354633				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.50000 -6.55E-12 5055.926				21.725579			
0.00000 -9.957672 -3851.928 10.354633				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21.725579			
0.00000 -8.46E-12 7644.002 7.658321				0.00000 -7.28E-12 5565.007 9.884732				0.00000 -12.083933 -5419.831 12.716250				0.00000 -18.383394 -2561.907				21			

0.00000		-149.254500	7366.560	-8.92E-13
0.00000		7.92E-13	-6538.258	
COMB SVO05-----MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-149.254500	5513.991	-6.68E-13	
0.00000	-3.79E-14	312.614144		
0.25000	-149.254500	5565.007	-6.74E-13	
0.00000	1.20E-13	-994.674657		
0.50000	-149.254500	5617.695	-6.80E-13	
0.00000	2.80E-13	-2314.201		
0.75000	-149.254500	5672.056	-6.87E-13	
0.00000	4.42E-13	-3646.358		
1.00000	-149.254500	5728.090	-6.94E-13	
0.00000	6.05E-13	-4991.543		
COMB SVO05-----MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-149.254500	5513.991	-6.68E-13	
0.00000	-3.79E-14	312.614144		
0.25000	-149.254500	5565.007	-6.74E-13	
0.00000	1.20E-13	-994.674657		
0.50000	-149.254500	5617.695	-6.80E-13	
0.00000	2.80E-13	-2314.201		
0.75000	-149.254500	5672.056	-6.87E-13	
0.00000	4.42E-13	-3646.358		
1.00000	-149.254500	5728.090	-6.94E-13	
0.00000	6.05E-13	-4991.543		
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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 SVO06-----MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	2.05E-11	7152.461	-8.66E-13	
0.00000	2.66E-14	-219.748356		
0.25000	2.05E-11	7203.477	-8.72E-13	
0.00000	2.32E-13	-1913.716		
0.50000	2.05E-11	7256.165	-8.79E-13	
0.00000	4.38E-13	-3619.921		
0.75000	2.05E-11	7310.526	-8.85E-13	
0.00000	6.47E-13	-5338.758		
1.00000	2.05E-11	7366.560	-8.92E-13	
0.00000	8.56E-13	-7070.621		
COMB SVO06-----MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	2.05E-11	7152.461	-8.66E-13	
0.00000	2.66E-14	-219.748356		
0.25000	2.05E-11	7203.477	-8.72E-13	
0.00000	2.32E-13	-1913.716		
0.50000	2.05E-11	7256.165	-8.79E-13	
0.00000	4.38E-13	-3619.921		
0.75000	2.05E-11	7310.526	-8.85E-13	
0.00000	6.47E-13	-5338.758		
1.00000	2.05E-11	7366.560	-8.92E-13	
0.00000	8.56E-13	-7070.621		
COMB SVO07-----MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-8.64E-12	7152.461	-8.66E-13	
0.00000	2.66E-14	-219.748356		
0.25000	-8.64E-12	7203.477	-8.72E-13	
0.00000	2.32E-13	-1913.716		
0.50000	-8.64E-12	7256.165	-8.79E-13	
0.00000	4.38E-13	-3619.921		
0.75000	-8.64E-12	7310.526	-8.85E-13	
0.00000	6.47E-13	-5338.758		
1.00000	-8.64E-12	7366.560	-8.92E-13	
0.00000	8.56E-13	-7070.621		
COMB SVO07-----MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-8.64E-12	7152.461	-8.66E-13	
0.00000	2.66E-14	-219.748356		
0.25000	-8.64E-12	7203.477	-8.72E-13	
0.00000	2.32E-13	-1913.716		
0.50000	-8.64E-12	7256.165	-8.79E-13	
0.00000	4.38E-13	-3619.921		
0.75000	-8.64E-12	7310.526	-8.85E-13	
0.00000	6.47E-13	-5338.758		
1.00000	-8.64E-12	7366.560	-8.92E-13	
0.00000	8.56E-13	-7070.621		
COMB SVO08-----MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	2.14E-11	5513.991	-6.68E-13	
0.00000	2.66E-14	-219.748356		
0.25000	2.14E-11	5565.007	-6.74E-13	
0.00000	1.85E-13	-1527.037		
0.50000	2.14E-11	5617.695	-6.80E-13	
0.00000	3.45E-13	-2846.563		
0.75000	2.14E-11	5672.056	-6.87E-13	
0.00000	5.06E-13	-4178.721		
1.00000	2.14E-11	5728.090	-6.94E-13	
0.00000	6.69E-13	-5523.905		
COMB SVO08-----MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	2.14E-11	5513.991	-6.68E-13	
0.00000	2.66E-14	-219.748356		
0.25000	2.14E-11	5565.007	-6.74E-13	
0.00000	1.85E-13	-1527.037		
0.50000	2.14E-11	5617.695	-6.80E-13	
0.00000	3.45E-13	-2846.563		
0.75000	2.14E-11	5672.056	-6.87E-13	
0.00000	5.06E-13	-4178.721		
1.00000	2.14E-11	5728.090	-6.94E-13	
0.00000	6.69E-13	-5523.905		
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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 SVO09-----MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.73E-12	5513.991	-6.68E-13	
0.00000	2.66E-14	-219.748356		
0.25000	-7.73E-12	5565.007	-6.74E-13	
0.00000	1.85E-13	-1527.037		
0.50000	-7.73E-12	5617.695	-6.80E-13	
0.00000	3.45E-13	-2846.563		
0.75000	-7.73E-12	5672.056	-6.87E-13	
0.00000	5.06E-13	-4178.721		
1.00000	-7.73E-12	5728.090	-6.94E-13	
0.00000	6.69E-13	-5523.905		
COMB SVO09-----MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.73E-12	5513.991	-6.68E-13	
0.00000	2.66E-14	-219.748356		
0.25000	-7.73E-12	5565.007	-6.74E-13	
0.00000	1.85E-13	-1527.037		
0.50000	-7.73E-12	5617.695	-6.80E-13	
0.00000	3.45E-13	-2846.563		
0.75000	-7.73E-12	5672.056	-6.87E-13	
0.00000	5.06E-13	-4178.721		
1.00000	-7.73E-12	5728.090	-6.94E-13	
0.00000	6.69E-13	-5523.905		
COMB SVO10-----MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.73E-12	5513.991	-6.68E-13	
0.00000	2.66E-14	-219.748356		
0.25000	-7.73E-12	5565.007	-6.74E-13	
0.00000	1.85E-13	-1527.037		
0.50000	-7.73E-12	5617.695	-6.80E-13	
0.00000	3.45E-13	-2846.563		
0.75000	-7.73E-12	5672.056	-6.87E-13	
0.00000	5.06E-13	-4178.721		
1.00000	-7.73E-12	5728.090	-6.94E-13	
0.00000	6.69E-13	-5523.905		
COMB SVO10-----MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.73E-12	5513.991	-6.68E-13	
0.00000	2.66E-14	-219.748356		
0.25000	-7.73E-12	5565.007	-6.74E-13	
0.00000	1.85E-13	-1527.037		
0.50000	-7.73E-12	5617.695	-6.80E-13	
0.00000	3.45E-13	-2846.563		
0.75000	-7.73E-12	5672.056	-6.87E-13	
0.00000	5.06E-13	-4178.721		
1.00000	-7.73E-12	5728.090	-6.94E-13	
0.00000	6.69E-13	-5523.905		
COMB SVO11-----MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.73E-12	5513.991	-6.68E-13	
0.00000	2.66E-14	-219.748356		
0.25000	-7.73E-12	5565.007	-6.74E-13	
0.00000	1.85E-13	-1527.037		
0.50000	-7.73E-12	5617.695	-6.80E-13	
0.00000	3.45E-13	-2846.563		
0.75000	-7.73E-12	5672.056	-6.87E-13	
0.00000	5.06E-13	-4178.721		
1.00000	-7.73E-12	5728.090	-6.94E-13	
0.00000	6.69E-13	-5523.905		
COMB SVO11-----MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.73E-12	5513.991	-6.68E-13	
0.00000	2.66E-14	-219.748356		
0.25000	-7.73E-12	5565.007	-6.74E-13	
0.00000	1.85E-13	-1527.037		
0.50000	-7.73E-12	5617.695	-6.80E-13	
0.00000	3.45E-13	-2846.563		
0.75000	-7.73E-12	5672.056	-6.87E-13	
0.00000	5.06E-13	-4178.721		
1.00000	-7.73E-12	5728.090	-6.94E-13	
0.00000	6.69E-13	-5523.905		
COMB SVO12-----MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.73E-12	5513.991	-6.68E-13	
0.00000	2.66E-14	-219.748356		
0.25000	-7.73E-12	5565.007	-6.74E-13	
0.00000	1.85E-13	-1527.037		
0.50000	-7.73E-12	5617.695	-6.80E-13	
0.00000	3.45E-13	-2846.563		
0.75000	-7.73E-12	5672.056	-6.87E-13	
0.00000	5.06E-13	-4178.721		
1.00000	-7.73E-12	5728.090	-6.94E-13	
0.00000	6.69E-13	-5523.905		
COMB SVO12-----MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.73E-12	5513.991	-6.68E-13	
0.00000	2.66E-14	-219.748356		
0.25000	-7.73E-12	5565.007	-6.74E-13	
0.00000	1.85E-13	-1527.037		
0.50000	-7.73E-12	5617.695	-6.80E-13	
0.00000	3.45E-13	-2846.563		
0.75000	-7.73E-12	5672.056	-6.87E-13	
0.00000	5.06E-13	-4178.721		
1.00000	-7.73E-12	5728.090	-6.94E-13	
0.00000	6.69E-13	-5523.905		
COMB SVO13-----MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.73E-12	5513.991	-6.68E-13	
0.00000	2.66E-14	-219.748356		
0.25000	-7.73E-12	5565.007	-6.74E-13	
0.00000	1.85E-13	-1527.037		
0.50000	-7.73E-12	5617.695	-6.80E-13	
0.00000	3.45E-13	-2846.563		
0.75000	-7.73E-12	5672.056	-6.87E-13	
0.00000	5.06E-13	-4178.721		
1.00000	-7.73E-12	5728.090	-6.94E-13	
0.00000	6.69E-13	-5523.905		
COMB SVO13-----MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.73E-12	5513.991	-6.68E-13	
0.00000	2.66E-14	-219.748356		
0.25000	-7.73E-12	5565.007	-6.74E-13	
0.00000	1.85E-13	-1527.037		
0.50000	-7.73E-12	5617.695	-6.80E-13	
0.00000	3.45E-13	-2846.563		
0.75000	-7.73E-12	5672.056	-6.87E-13	
0.00000	5.06E-13	-4178.721		
1.00000	-7.73E-12	5728.090	-6.94E-13	
0.00000	6.69E-13	-5523.905		
COMB SVO14-----MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.73E-12	5513.991	-6.68E-13	
0.00000	2.66E-14	-219.748356		
0.25000	-7.73E-12	5565.007	-6.740	

0.50000	2.40E-13	-1895.148		0.00000	-4.73E-14	390.767680		1.00000	-1.12E-11	9576.528	-1.16E-12	0.75000	-320.461700	5672.056	-6.87E-13	
0.00000	2.78E-11	7303.004	-8.84E-13	0.25000	-186.568125	9004.346	-1.09E-12	0.00000	1.11E-12	-9191.807		0.00000	3.86E-13	-3189.667		
0.00000	4.48E-13	-3700.532		0.00000	2.09E-13	-1726.692		COMB	ULO17		MIN	1.00000	-320.461700	5728.090	-6.94E-13	
0.75000	2.78E-11	7373.673	-8.93E-13	0.50000	-186.568125	9070.206	-1.10E-12					0.00000	5.49E-13	-4534.851		
0.00000	6.58E-13	-5432.337		0.00000	4.67E-13	-3859.448		REL DIST	T	P	V2				MAX	
1.00000	2.78E-11	7446.517	-9.02E-13	0.75000	-186.568125	9138.158	-1.11E-12			M2	M3				V3	
0.00000	8.70E-13	-7181.077		0.00000	7.28E-13	-6007.994						COMB	UEO04			
COMB	ULO08		MIN	1.00000	-186.568125	9208.200	-1.12E-12	0.00000	-1.12E-11	9298.199	-1.13E-12	REL DIST	T	P	V2	V3
				0.00000	9.90E-13	-8172.823		0.00000	3.46E-14	-285.672863				M2	M3	
REL DIST	T	P	V2	COMB	ULO13		MAX	0.25000	-1.12E-11	9364.520	-1.13E-12	0.00000	-194.030850	7644.002	-9.26E-13	
0.00000	2.78E-11	7168.188	-8.68E-13	REL DIST	T	P	V2	0.00000	3.01E-13	-2487.831		0.00000	-5.72E-14	472.322894		
0.00000	3.46E-14	-285.672863				M2	M3	0.00000	-1.12E-11	9439.015	-1.14E-12	0.00000	-194.030850	7695.018	-9.32E-13	
0.25000	2.78E-11	7234.509	-8.76E-13	0.00000	-186.568125	8940.576	-1.08E-12	0.00000	5.70E-13	-4705.897		0.00000	1.62E-13	-1337.649		
0.00000	2.40E-13	-1895.148		0.00000	-4.73E-14	390.767680		0.75000	-1.12E-11	9503.684	-1.15E-12	0.50000	-194.030850	7747.706	-9.38E-13	
0.50000	2.78E-11	7303.004	-8.84E-13	0.25000	-186.568125	9004.346	-1.09E-12	0.00000	8.41E-13	-6940.385		0.00000	3.83E-13	-3159.857		
0.00000	4.48E-13	-3700.532		0.00000	2.09E-13	-1726.692		1.00000	-1.12E-11	9576.528	-1.16E-12	0.75000	-194.030850	7802.067	-9.45E-13	
0.75000	2.78E-11	7373.673	-8.93E-13	0.50000	-186.568125	9070.206	-1.10E-12	0.00000	1.11E-12	-9191.807		0.00000	6.05E-13	-4994.697		
0.00000	6.58E-13	-5432.337		0.00000	4.67E-13	-3859.448		Program	SAP2000	Nonlinear	Version 7.42	1.00000	-194.030850	7858.101	-9.52E-13	
1.00000	2.78E-11	7446.517	-9.02E-13	0.75000	-186.568125	9138.158	-1.11E-12	File:청도1교하행_P9_본체.OUT				0.00000	8.29E-13	-6842.564		
0.00000	8.70E-13	-7181.077		1.00000	7.28E-13	-6007.994	-1.12E-12			Page		COMB	UEO04		MIN	
Program	SAP2000	Nonlinear	Version 7.42	0.00000	-186.568125	9208.200		: AAbutPier	SAP2000	6-7	데이라파일 : 교각 본체	REL DIST	T	P	V2	V3
File:청도1교하행_P9_본체.OUT				0.00000	9.90E-13	-8172.823		245						M2	M3	
				COMB	ULO13		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				0.00000	-194.030850	7644.002	-9.26E-13	
: AAbutPier	SAP2000	6-7	데이라파일 : 교각 본체	REL DIST	T	P	V2	COMB	ULO18		MAX	0.25000	-194.030850	7695.018	-9.32E-13	
						M2	M3	REL DIST	T	P	V2	0.00000	1.62E-13	-1337.649		
												0.50000	-194.030850	7747.706	-9.38E-13	
												0.75000	-194.030850	7802.067	-9.45E-13	
												0.00000	6.05E-13	-4994.697		
												1.00000	-194.030850	7858.101	-9.52E-13	
												0.00000	8.29E-13	-6842.564		
												COMB	UEO05		MAX	
												REL DIST	T	P	V2	V3
												0.00000	-194.030850	5513.991	-6.68E-13	
												0.00000	5.72E-14	472.322894		
												0.50000	-194.030850	7695.007	-6.74E-13	
												0.00000	1.01E-13	-834.965907		
												0.50000	-194.030850	5617.695	-6.80E-13	
												0.00000	2.61E-13	-2154.492		
												0.75000	-194.030850	5672.056	-6.87E-13	
												0.00000	4.22E-13	-3486.650		
												1.00000	-194.030850	7572.090	-6.94E-13	
												0.00000	5.85E-13	-4831.834		
												Program	SAP2000	Nonlinear	Version 7.42	
												File:청도1교하행_P9_본체.OUT				
												: AAbutPier	SAP2000	6-7	데이라파일 : 교각 본체	
												250				
												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	UEO06		MAX	
												REL DIST	T	P	V2	V3
												0.00000	2.88E-11	7644.002	-9.26E-13	
												0.00000	2.66E-14	-219.748356		
												0.25000	2.88E-11	7695.018	-9.32E-13	
												0.00000	2.46E-13	-2029.720		
												0.50000	2.88E-11	7747.706	-9.38E-13	
												0.00000	4.66E-13	-3851.928		
												0.75000	2.88E-11	7802.067	-9.45E-13	
												1.00000	6.89E-13	-5686.769	-9.52E-13	
												0.00000	9.12E-13	-7534.636		
												COMB	UEO06		MIN	
												REL DIST	T	P	V2	V3
												0.00000	2.88E-11	7644.002	-9.26E-13	
												0.00000	2.66E-14	-219.748356		
												0.25000	2.88E-11	7695.018	-9.32E-13	
												0.00000	2.46E-13	-2029.720		
												0.50000	2.88E-11	7747.706	-9.38E-13	
												0.00000	4.66E-13	-3851.928		
												0.75000	2.88E-11	7802.067	-9.45E-13	
												1.00000	6.89E-13	-5686.769	-9.52E-13	
												0.00000	9.12E-13	-7534.636		
												COMB	UEO07		MAX	
												REL DIST	T	P	V2	V3
												0.00000	-9.05E-12	7644.002	-9.26E-13	
												0.00000	2.66E-14	-219.748356		
												0.25000	-9.05E-12	7695.018	-9.32E-13	
												0.50000	-9.05E-12	7747.706	-9.38E-13	
												0.00000	4.66E-13	-3851.928		
												0.75000	-9.05E-12	7802.067	-9.45E-13	
												1.00000	-9.05E-12	7858.101	-9.52E-13	
												0.00000	9.12E-13	-7534.636		
												COMB	UEO07		MIN	
												REL DIST	T	P	V2	V3
												0.00000	-9.05E-12	7644.002	-9.26E-13	
												0.00000	2.66E-14	-219.748356		
												0.25000	-9.05E-12	7695.018	-9.32E-13	
												0.50000	-9.05E-12	7747.706	-9.38E-13	
												0.00000	4.66E-13	-3851.928		
												0.75000	-9.05E-12	7802.067	-9.45E-13	
												1.00000	-9.05E-12	7858.101	-9.52E-13	
												0.00000	9.12E-13	-7534.636		
												COMB	UEO08		MAX	
												REL DIST	T	P	V2	V3
												0.00000	3.00E-11	5513.991	-6.68E-13	
												0.00000	2.66E-14	-219.748356		
												0.25000	3.00E-11	5565.007	-6.74E-13	
												0.00000	1.85E-13	-1527.037		
												0.50000	3.45E-13	-2846.563	-6.80E-13	
												0.75000	3.00E-11	5672.056	-6.87E-13	
												1.00000	5.06E-13	-4178.721	-6.94E-13	
												0.00000	6.99E-13	-5523.905		
												COMB	ULO17		MAX	
												REL DIST	T	P	V2	V3
												0.00000	-7.73E-12	5513.991	-6.68E-13	
												0.00000	2.66E-14	-219.748356		
												0.25000	-7.73E-12	5565.007	-6.74E-13	
												0.00000	1.85E-13	-1527.037		
												0.50000	-7.73E-12	5617.695	-6.80E-13	
												0.00000	3.45E-13	-2846.563	-6.87E-13	
												0.75000	-7.73E-12	5672.056	-6.87E-13	
												1.00000				

REL DIST P V2 V3
T M2 M3
0.00000 3.00E-11 5513.991 -6.68E-13
0.00000 2.66E-14 -219.748356 -6.74E-13
0.25000 3.00E-11 5565.007 -6.74E-13
0.00000 1.85E-13 -1527.037 -6.80E-13
0.50000 3.00E-11 5617.695 -6.80E-13
0.00000 3.45E-13 -2846.563 -6.87E-13
0.75000 3.00E-11 5672.056 -6.87E-13
0.00000 5.06E-13 -4178.721 -6.94E-13
1.00000 3.00E-11 5728.090 -6.94E-13
0.00000 6.69E-13 -5523.905
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COMB UEO09 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 -7.87E-12 5513.991 -6.68E-13
0.00000 2.66E-14 -219.748356 -6.74E-13
0.25000 -7.87E-12 5565.007 -6.74E-13
0.00000 1.85E-13 -1527.037 -6.80E-13
0.50000 -7.87E-12 5617.695 -6.80E-13
0.00000 3.45E-13 -2846.563 -6.87E-13
0.75000 -7.87E-12 5672.056 -6.87E-13
0.00000 5.06E-13 -4178.721 -6.94E-13
1.00000 -7.87E-12 5728.090 -6.94E-13
0.00000 6.69E-13 -5523.905

COMB UEO09 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.87E-12 5513.991 -6.68E-13
0.00000 2.66E-14 -219.748356 -6.74E-13
0.25000 -7.87E-12 5565.007 -6.74E-13
0.00000 1.85E-13 -1527.037 -6.80E-13
0.50000 -7.87E-12 5617.695 -6.80E-13
0.00000 3.45E-13 -2846.563 -6.87E-13
0.75000 -7.87E-12 5672.056 -6.87E-13
0.00000 5.06E-13 -4178.721 -6.94E-13
1.00000 -7.87E-12 5728.090 -6.94E-13
0.00000 6.69E-13 -5523.905

COMB UEO10 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 -308.136250 5238.291 -6.34E-13
0.00000 -8.99E-14 742.252812 -6.40E-13
0.25000 -308.136250 5286.756 -6.40E-13
0.00000 6.05E-14 -499.671549 -6.46E-13
0.50000 -308.136250 5336.810 -6.46E-13
0.00000 2.12E-13 -1753.221 -6.53E-13
0.75000 -308.136250 5388.453 -6.53E-13
0.00000 3.66E-13 -3018.771 -6.59E-13
1.00000 -308.136250 5441.686 -6.59E-13
0.00000 5.20E-13 -4296.696

COMB UEO10 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -308.136250 5238.291 -6.34E-13
0.00000 -8.99E-14 742.252812 -6.40E-13
0.25000 -308.136250 5286.756 -6.40E-13
0.00000 6.05E-14 -499.671549 -6.46E-13
0.50000 -308.136250 5336.810 -6.46E-13
0.00000 2.12E-13 -1753.221 -6.53E-13
0.75000 -308.136250 5388.453 -6.53E-13
0.00000 3.66E-13 -3018.771 -6.59E-13
1.00000 -308.136250 5441.686 -6.59E-13
0.00000 5.20E-13 -4296.696

COMB UEO11 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 -308.136250 5238.291 -6.34E-13
0.00000 -8.99E-14 742.252812 -6.40E-13
0.25000 -308.136250 5286.756 -6.40E-13
0.00000 6.05E-14 -499.671549 -6.46E-13
0.50000 -308.136250 5336.810 -6.46E-13
0.00000 2.12E-13 -1753.221 -6.53E-13
0.75000 -308.136250 5388.453 -6.53E-13
0.00000 3.66E-13 -3018.771 -6.59E-13
1.00000 -308.136250 5441.686 -6.59E-13
0.00000 5.20E-13 -4296.696

COMB UEO11 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -308.136250 5238.291 -6.34E-13
0.00000 -8.99E-14 742.252812 -6.40E-13
0.25000 -308.136250 5286.756 -6.40E-13
0.00000 6.05E-14 -499.671549 -6.46E-13
0.50000 -308.136250 5336.810 -6.46E-13
0.00000 2.12E-13 -1753.221 -6.53E-13
0.75000 -308.136250 5388.453 -6.53E-13
0.00000 3.66E-13 -3018.771 -6.59E-13
1.00000 -308.136250 5441.686 -6.59E-13
0.00000 5.20E-13 -4296.696
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COMB UEO12 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 -186.568125 7286.379 -8.82E-13
0.00000 -5.53E-14 456.692187 -8.88E-13
0.25000 -186.568125 7334.844 -8.88E-13
0.00000 1.54E-13 -1268.581 -8.94E-13
0.50000 -186.568125 7384.898 -8.94E-13
0.00000 3.45E-13 -3005.479 -9.01E-13
0.75000 -186.568125 7436.541 -9.01E-13
0.00000 5.76E-13 -4754.378 -9.07E-13
1.00000 -186.568125 7489.773 -9.07E-13
0.00000 7.89E-13 -6515.651

COMB UEO12 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -186.568125 7286.379 -8.82E-13
0.00000 -5.53E-14 456.692187 -8.88E-13
0.25000 -186.568125 7334.844 -8.88E-13
0.00000 1.54E-13 -1268.581 -8.94E-13
0.50000 -186.568125 7384.898 -8.94E-13
0.00000 3.45E-13 -3005.479 -9.01E-13
0.75000 -186.568125 7436.541 -9.01E-13
0.00000 5.76E-13 -4754.378 -9.07E-13
1.00000 -186.568125 7489.773 -9.07E-13
0.00000 7.89E-13 -6515.651

COMB UEO13 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 -186.568125 7286.379 -8.82E-13
0.00000 -5.53E-14 456.692187 -8.88E-13
0.25000 -186.568125 7334.844 -8.88E-13
0.00000 1.54E-13 -1268.581 -8.94E-13
0.50000 -186.568125 7384.898 -8.94E-13
0.00000 3.45E-13 -3005.479 -9.01E-13
0.75000 -186.568125 7436.541 -9.01E-13
0.00000 5.76E-13 -4754.378 -9.07E-13
1.00000 -186.568125 7489.773 -9.07E-13
0.00000 7.89E-13 -6515.651

COMB UEO13 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -186.568125 7286.379 -8.82E-13
0.00000 -5.53E-14 456.692187 -8.88E-13
0.25000 -186.568125 7334.844 -8.88E-13
0.00000 1.54E-13 -1268.581 -8.94E-13
0.50000 -186.568125 7384.898 -8.94E-13
0.00000 3.45E-13 -3005.479 -9.01E-13
0.75000 -186.568125 7436.541 -9.01E-13
0.00000 5.76E-13 -4754.378 -9.07E-13
1.00000 -186.568125 7489.773 -9.07E-13
0.00000 7.89E-13 -6515.651

COMB UEO14 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 -186.568125 5238.291 -6.34E-13
0.00000 -5.53E-14 456.692187 -6.40E-13
0.25000 -186.568125 5286.756 -6.40E-13
0.00000 9.51E-14 -785.232174 -6.46E-13
0.50000 -186.568125 5336.810 -6.46E-13
0.00000 2.47E-13 -2038.782 -6.53E-13
0.75000 -186.568125 5388.453 -6.53E-13
0.00000 4.00E-13 -3304.332 -6.59E-13
1.00000 -186.568125 5441.686 -6.59E-13
0.00000 5.55E-13 -4582.257

COMB UEO14 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -186.568125 5238.291 -6.34E-13
0.00000 -5.53E-14 456.692187 -6.40E-13
0.25000 -186.568125 5286.756 -6.40E-13
0.00000 9.51E-14 -785.232174 -6.46E-13
0.50000 -186.568125 5336.810 -6.46E-13
0.00000 2.47E-13 -2038.782 -6.53E-13
0.75000 -186.568125 5388.453 -6.53E-13
0.00000 4.00E-13 -3304.332 -6.59E-13
1.00000 -186.568125 5441.686 -6.59E-13
0.00000 5.55E-13 -4582.257
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COMB UEO15 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 -186.568125 5238.291 -6.34E-13
0.00000 -8.99E-14 742.252812 -6.40E-13
0.25000 -186.568125 5286.756 -6.40E-13
0.00000 9.51E-14 -785.232174 -6.46E-13
0.50000 -186.568125 5336.810 -6.46E-13
0.00000 2.47E-13 -2038.782 -6.53E-13
0.75000 -186.568125 5388.453 -6.53E-13
0.00000 4.00E-13 -3304.332 -6.59E-13
1.00000 -186.568125 5441.686 -6.59E-13
0.00000 5.55E-13 -4582.257

COMB UEO15 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -186.568125 5238.291 -6.34E-13
0.00000 -8.99E-14 742.252812 -6.40E-13
0.25000 -186.568125 5286.756 -6.40E-13
0.00000 9.51E-14 -785.232174 -6.46E-13
0.50000 -186.568125 5336.810 -6.46E-13
0.00000 2.47E-13 -2038.782 -6.53E-13
0.75000 -186.568125 5388.453 -6.53E-13
0.00000 4.00E-13 -3304.332 -6.59E-13
1.00000 -186.568125 5441.686 -6.59E-13
0.00000 5.55E-13 -4582.257

COMB UEO15 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 -186.568125 5238.291 -6.34E-13
0.00000 -8.99E-14 742.252812 -6.40E-13
0.25000 -186.568125 5286.756 -6.40E-13
0.00000 9.51E-14 -785.232174 -6.46E-13
0.50000 -186.568125 5336.810 -6.46E-13
0.00000 2.47E-13 -2038.782 -6.53E-13
0.75000 -186.568125 5388.453 -6.53E-13
0.00000 4.00E-13 -3304.332 -6.59E-13
1.00000 -186.568125 5441.686 -6.59E-13
0.00000 5.55E-13 -4582.257

COMB UEO16 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.73E-12 5513.991 -6.68E-13
0.00000 2.66E-14 -219.748356 -6.74E-13
0.25000 -7.73E-12 5565.007 -6.74E-13
0.00000 1.85E-13 -1527.037 -6.80E-13
0.50000 -7.73E-12 5617.695 -6.80E-13
0.00000 3.45E-13 -2846.563 -6.87E-13
0.75000 -7.73E-12 5672.056 -6.87E-13
0.00000 5.06E-13 -4178.721 -6.94E-13
1.00000 -7.73E-12 5728.090 -6.94E-13
0.00000 6.69E-13 -5523.905

COMB UEO17 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 -7.73E-12 5513.991 -6.68E-13
0.00000 2.66E-14 -219.748356 -6.74E-13
0.25000 -7.73E-12 5565.007 -6.74E-13
0.00000 1.85E-13 -1527.037 -6.80E-13
0.50000 -7.73E-12 5617.695 -6.80E-13
0.00000 3.45E-13 -2846.563 -6.87E-13
0.75000 -7.73E-12 5672.056 -6.87E-13
0.00000 5.06E-13 -4178.721 -6.94E-13
1.00000 -7.73E-12 5728.090 -6.94E-13
0.00000 6.69E-13 -5523.905

COMB UEO17 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.73E-12 5513.991 -6.68E-13
0.00000 2.66E-14 -219.748356 -6.74E-13
0.25000 -7.73E-12 5565.007 -6.74E-13
0.00000 1.85E-13 -1527.037 -6.80E-13
0.50000 -7.73E-12 5617.695 -6.80E-13
0.00000 3.45E-13 -2846.563 -6.87E-13
0.75000 -7.73E-12 5672.056 -6.87E-13
0.00000 5.06E-13 -4178.721 -6.94E-13
1.00000 -7.73E-12 5728.090 -6.94E-13
0.00000 6.69E-13 -5523.905

0.00000 2.46E-13 -2029.720
0.50000 -9.05E-12 7747.706 -9.38E-13
0.00000 4.68E-13 -3851.928 -9.45E-13
0.75000 -9.05E-12 7802.067 -9.45E-13
0.00000 6.89E-13 -5686.769 -9.52E-13
1.00000 -9.05E-12 7858.101 -9.52E-13
0.00000 9.12E-13 -7534.636
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FRAME ELEMENT INTERNAL FORCES

COMB UEO18 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 -295.810800 4962.592 -6.01E-13
0.00000 -8.66E-14 715.199679 -6.07E-13
0.25000 -295.810800 5008.506 -6.07E-13
0.00000 5.59E-14 -461.360241 -6.12E-13
0.50000 -295.810800 5055.926 -6.12E-13
0.00000 2.00E-13 -1648.934 -6.18E-13
0.75000 -295.810800 5104.851 -6.18E-13
1.00000 -295.810800 5155.281 -6.24E-13
0.00000 4.92E-13 -4058.541

COMB UEO18 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -295.810800 4962.592 -6.01E-13
0.00000 -8.66E-14 715.199679 -6.07E-13
0.25000 -295.810800 5008.506 -6.07E-13
0.00000 5.59E-14 -461.360241 -6.12E-13
0.50000 -295.810800 5055.926 -6.12E-13
0.00000 2.00E-13 -1648.934 -6.18E-13
0.75000 -295.810800 5104.851 -6.18E-13
1.00000 -295.810800 5155.281 -6.24E-13
0.00000 4.92E-13 -4058.541

COMB ENVBULT ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 -1.14E-11 10690.899 -1.29E-12
0.00000 3.46E-14 -285.672863 -1.30E-12
0.25000 -1.14E-11 10757.219 -1.30E-12
0.00000 3.41E-13 -2816.508 -1.31E-12
0.50000 -1.14E-11 10825.714 -1.31E-12
0.00000 6.50E-13 -5363.251 -1.32E-12
0.75000 -1.14E-11 10896.384 -1.32E-12
1.00000 -1.14E-11 10969.227 -1.33E-12
0.00000 1.27E-12 -10506.515

COMB ENVBULT ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.14E-11 10690.899 -1.29E-12
0.00000 3.46E-14 -285.672863 -1.30E-12
0.25000 -1.14E-11 10757.219 -1.30E-12
0.00000 3.41E-13 -2816.508 -1.31E-12
0.50000 -1.14E-11 10825.714 -1.31E-12
0.00000 6.50E-13 -5363.251 -1.32E-12
0.75000 -1.14E-11 10896.384 -1.32E-12
1.00000 -1.14E-11 10969.227 -1.33E-12
0.00000 1.27E-12 -10506.515

COMB ENVBECCE ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 -7.28E-12 9036.701 -6.68E-13
0.00000 2.66E-14 -219.748356 -6.74E-13
0.25000 -7.28E-12 9087.717 -6.74E-13
0.00000 2.86E-13 -1527.037 -6.80E-13
0.50000 -7.28E-12 9140.406 -6.80E-13
0.00000 5.46E-13 -2846.563 -6.87E-13
0.75000 -7.28E-12 9194.767 -6.87E-13
1.00000 -7.28E-12 9250.800 -6.94E-13
0.00000 1.07E-12 -5523.905

COMB ENVBECCE ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.23E-12 5513.991 -6.09E-13
0.00000 2.66E-14 -219.748356 -6.74E-13
0.25000 -9.23E-12 5565.007 -6.74E-13
0.00000 1.85E-13 -1527.037 -6.80E-13
0.50000 -9.23E-12 5617.695 -6.80E-13
0.00000 3.45E-13 -2846.563 -6.87E-13
0.75000 -9.23E-12 5672.056 -6.87E-13
0.00000 5.06E-13 -4178.721 -6.94E-13
1.00000 -9.23E-12 5728.090 -6.94E-13
0.00000 6.69E-13 -5523.905
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FRAME ELEMENT INTERNAL FORCES

COMB ENVOULT ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 -1.20E-11 10690.899 -1.29E-12
0.00000 3.46E-14 -285.672863 -1.30E-12
0.25000 -1.20E-11 10757.219 -1.30E-12
0.00000 3.41E-13 -2816.508 -1.31E-12
0.50000 -1.20E-11 10825.714 -1.31E-12
0.00000 6.50E-13 -5363.251 -1.32E-12
0.75000 -1.20E-11 10896.384 -1.32E-12
1.00000 -1.20E-11 10969.227 -1.33E-12
0.00000 1.27E-12 -10506.515

COMB ENVOULT ----- MIN

REL DIST P V2 V3
T M2 M3

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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	V2	V3
0.25000	1.16E-10	3.64E-12	-2.02E-28	
3.16E-30	-8.01E-28	-1.14E-13		
0.50000	1.16E-10	3.64E-12	-2.02E-28	
3.16E-30	-7.95E-28	-2.27E-13		
0.75000	1.16E-10	3.64E-12	-2.02E-28	
3.16E-30	-7.89E-28	-3.41E-13		
1.00000	1.16E-10	3.64E-12	-2.02E-28	
3.16E-30	-7.83E-28	-4.55E-13		
LOAD E-TR				
REL DIST	T	P	V2	V3
0.00000	0.00000	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	0.00000	0.00000
0.50000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000
0.75000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000
1.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000
LOAD Q1-TR				
REL DIST	T	P	V2	V3
0.00000	0.00000	2.84E-14	0.00000	
2.47E-32	-3.16E-30	0.00000		
0.25000	0.00000	2.84E-14	0.00000	
2.47E-32	-3.16E-30	-8.88E-16		
0.50000	0.00000	2.84E-14	0.00000	
2.47E-32	-3.16E-30	-1.70E-15		
0.75000	0.00000	2.84E-14	0.00000	
2.47E-32	-3.16E-30	-2.66E-15		
1.00000	0.00000	2.84E-14	0.00000	
2.47E-32	-3.16E-30	-3.55E-15		
LOAD COL-TR				
REL DIST	T	P	V2	V3
0.00000	0.00000	0.00000	0.00000	0.00000
4.93E-32	6.31E-30	0.00000	0.00000	0.00000
0.25000	0.00000	0.00000	0.00000	0.00000
4.93E-32	6.31E-30	0.00000	0.00000	0.00000
0.50000	0.00000	0.00000	0.00000	0.00000
4.93E-32	6.31E-30	0.00000	0.00000	0.00000
0.75000	0.00000	0.00000	0.00000	0.00000
4.93E-32	6.31E-30	0.00000	0.00000	0.00000
1.00000	0.00000	0.00000	0.00000	0.00000
4.93E-32	6.31E-30	0.00000	0.00000	0.00000
COMB SVB01				
REL DIST	T	P	V2	V3
0.00000	0.00000	7366.560	-8.92E-13	
3.79E-29	8.56E-13	-7070.621	-8.93E-13	
0.25000	0.00000	7374.090	-8.93E-13	
3.79E-29	8.84E-13	-7300.944	-8.94E-13	
0.50000	0.00000	7381.621	-8.94E-13	
3.79E-29	9.12E-13	-7531.502	-8.95E-13	
0.75000	0.00000	7389.151	-8.95E-13	
3.79E-29	9.40E-13	-7762.295	-8.96E-13	
1.00000	0.00000	7396.682	-8.96E-13	
3.79E-29	9.68E-13	-7993.323		
COMB SVB01				
REL DIST	T	P	V2	V3
0.00000	0.00000	7366.560	-8.92E-13	
3.79E-29	8.56E-13	-7070.621	-8.93E-13	
0.25000	0.00000	7374.090	-8.93E-13	
3.79E-29	8.84E-13	-7300.944	-8.94E-13	
0.50000	0.00000	7381.621	-8.94E-13	
3.79E-29	9.12E-13	-7531.502	-8.95E-13	
0.75000	0.00000	7389.151	-8.95E-13	
3.79E-29	9.40E-13	-7762.295	-8.96E-13	
1.00000	0.00000	7396.682	-8.96E-13	
3.79E-29	9.68E-13	-7993.323		
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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	V2	V3
0.00000	0.00000	7366.560	-8.92E-13	
3.79E-29	8.56E-13	-7070.621	-8.93E-13	
0.25000	0.00000	7374.090	-8.93E-13	
3.79E-29	8.84E-13	-7300.944	-8.94E-13	
0.50000	0.00000	7381.621	-8.94E-13	
3.79E-29	9.12E-13	-7531.502	-8.95E-13	
0.75000	0.00000	7389.151	-8.95E-13	
3.79E-29	9.40E-13	-7762.295	-8.96E-13	
1.00000	0.00000	7396.682	-8.96E-13	
3.79E-29	9.68E-13	-7993.323		
COMB SVB02				
REL DIST	T	P	V2	V3
0.00000	0.00000	7366.560	-8.92E-13	
3.79E-29	8.56E-13	-7070.621	-8.93E-13	
0.25000	0.00000	7374.090	-8.93E-13	
3.79E-29	8.84E-13	-7300.944	-8.94E-13	
0.50000	0.00000	7381.621	-8.94E-13	
3.79E-29	9.12E-13	-7531.502	-8.95E-13	
0.75000	0.00000	7389.151	-8.95E-13	
3.79E-29	9.40E-13	-7762.295	-8.96E-13	
1.00000	0.00000	7396.682	-8.96E-13	
3.79E-29	9.68E-13	-7993.323		
COMB SVB02				
REL DIST	T	P	V2	V3
0.00000	0.00000	7366.560	-8.92E-13	
3.79E-29	8.56E-13	-7070.621	-8.93E-13	
0.25000	0.00000	7374.090	-8.93E-13	
3.79E-29	8.84E-13	-7300.944	-8.94E-13	
0.50000	0.00000	7381.621	-8.94E-13	
3.79E-29	9.12E-13	-7531.502	-8.95E-13	
0.75000	0.00000	7389.151	-8.95E-13	
3.79E-29	9.40E-13	-7762.295	-8.96E-13	
1.00000	0.00000	7396.682	-8.96E-13	
3.79E-29	9.68E-13	-7993.323		
COMB SVB03				
REL DIST	T	P	V2	V3
0.00000	0.00000	7366.560	-8.92E-13	
3.79E-29	8.56E-13	-7070.621	-8.93E-13	
0.25000	0.00000	7374.090	-8.93E-13	
3.79E-29	8.84E-13	-7300.944	-8.94E-13	
0.50000	0.00000	7381.621	-8.94E-13	
3.79E-29	9.12E-13	-7531.502	-8.95E-13	
0.75000	0.00000	7389.151	-8.95E-13	
3.79E-29	9.40E-13	-7762.295	-8.96E-13	
1.00000	0.00000	7396.682	-8.96E-13	
3.79E-29	9.68E-13	-7993.323		
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REL DIST	T	P	V2	V3
0.00000	0.00000	7366.560	-8.92E-13	
2.91E-11	-23.870153	-5523.905	20.346000	
0.25000	0.00000	7375.620	20.647219	
2.91E-11	-24.510672	-5703.026		
0.50000	0.00000	7381.621	20.948438	
2.91E-11	-25.160604	-5882.381		
0.75000	0.00000	7389.151	21.249656	
2.91E-11	-25.819949	-6061.973		
1.00000	0.00000	7396.682	21.550875	
2.91E-11	-26.488708	-6241.799		
COMB SVB04 ----- MAX				
REL DIST	T	P	V2	V3
0.00000	0.00000	7366.560	10.173000	
1.46E-11	-11.935076	-7070.621	10.323609	
0.25000	0.00000	7374.090	10.323609	
1.46E-11	-12.255336	-7300.944	10.474219	
0.50000	0.00000	7381.621	10.474219	
1.46E-11	-12.580302	-7531.502	10.624828	
0.75000	0.00000	7389.151	10.624828	
1.46E-11	-12.909975	-7762.295	10.775438	
1.00000	0.00000	7396.682	10.775438	
1.46E-11	-13.244354	-7993.323		
COMB SVB04 ----- MIN				
REL DIST	T	P	V2	V3
0.00000	0.00000	7366.560	10.173000	
1.46E-11	-11.935076	-7070.621	10.323609	
0.25000	0.00000	7374.090	10.323609	
1.46E-11	-12.255336	-7300.944	10.474219	
0.50000	0.00000	7381.621	10.474219	
1.46E-11	-12.580302	-7531.502	10.624828	
0.75000	0.00000	7389.151	10.624828	
1.46E-11	-12.909975	-7762.295	10.775438	
1.00000	0.00000	7396.682	10.775438	
1.46E-11	-13.244354	-7993.323		
COMB SVB04 ----- MAX				
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COMB SV				

0.00000 7446.517 -9.02E-13
3.28E-29 8.70E-13 -7181.077
0.25000 7456.307 -9.03E-13
3.28E-29 8.98E-13 -7413.933
0.50000 7466.096 -9.04E-13
3.28E-29 9.26E-13 -7647.096
0.75000 7475.886 -9.05E-13
3.28E-29 9.54E-13 -7880.564
1.00000 7485.675 -9.07E-13
3.28E-29 9.83E-13 -8114.339

COMB ULB02 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 7446.517 -9.02E-13
3.28E-29 8.70E-13 -7181.077
0.25000 7456.307 -9.03E-13
3.28E-29 8.98E-13 -7413.933
0.50000 7466.096 -9.04E-13
3.28E-29 9.26E-13 -7647.096
0.75000 7475.886 -9.05E-13
3.28E-29 9.54E-13 -7880.564
1.00000 7485.675 -9.07E-13
3.28E-29 9.83E-13 -8114.339

COMB ULB03 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 7446.517 26.449800
3.78E-11 -31.031199 -7181.077 26.841384
0.25000 7456.307 26.841384
3.78E-11 -31.863874 -7413.933 27.232969
0.50000 7466.096 27.232969
3.78E-11 -32.708785 -7647.096 27.624553
0.75000 7475.886 27.624553
3.78E-11 -33.565934 -7880.564 28.016138
1.00000 7485.675 28.016138
3.78E-11 -34.435320 -8114.339

COMB ULB03 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 7446.517 26.449800
3.78E-11 -31.031199 -7181.077 26.841384
0.25000 7456.307 26.841384
3.78E-11 -31.863874 -7413.933 27.232969
0.50000 7466.096 27.232969
3.78E-11 -32.708785 -7647.096 27.624553
0.75000 7475.886 27.624553
3.78E-11 -33.565934 -7880.564 28.016138
1.00000 7485.675 28.016138
3.78E-11 -34.435320 -8114.339

COMB ULB04 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 9576.528 13.224900
1.89E-11 -15.515599 -9191.807 13.420692
0.25000 9586.318 13.420692
1.89E-11 -15.931937 -9491.227 13.616484
0.50000 9596.107 13.616484
1.89E-11 -16.354393 -9790.952 13.812277
0.75000 9605.897 13.812277
1.89E-11 -16.782967 -10090.983 14.008069
1.00000 9615.686 14.008069
1.89E-11 -17.217660 -10391.321

COMB ULB04 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 9576.528 13.224900
1.89E-11 -15.515599 -9191.807 13.420692
0.25000 9586.318 13.420692
1.89E-11 -15.931937 -9491.227 13.616484
0.50000 9596.107 13.616484
1.89E-11 -16.354393 -9790.952 13.812277
0.75000 9605.897 13.812277
1.89E-11 -16.782967 -10090.983 14.008069
1.00000 9615.686 14.008069
1.89E-11 -17.217660 -10391.321
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FRAME ELEMENT INTERNAL FORCES

COMB ULB05 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 7446.517 13.224900
1.89E-11 -15.515599 -7181.077 13.420692
0.25000 7456.307 13.420692
1.89E-11 -15.931937 -7413.933 13.616484
0.50000 7466.096 13.616484
1.89E-11 -16.354393 -7647.096 13.812277
0.75000 7475.886 13.812277
1.89E-11 -16.782967 -7880.564 14.008069
1.00000 7485.675 14.008069
1.89E-11 -17.217660 -8114.339

COMB ULB05 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 7446.517 13.224900
1.89E-11 -15.515599 -7181.077 13.420692
0.25000 7456.307 13.420692
1.89E-11 -15.931937 -7413.933 13.616484
0.50000 7466.096 13.616484
1.89E-11 -16.354393 -7647.096 13.812277
0.75000 7475.886 13.812277
1.89E-11 -16.782967 -7880.564 14.008069
1.00000 7485.675 14.008069
1.89E-11 -17.217660 -8114.339

COMB ULB06 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 9576.528 339.263600
511.100200 -320.264838 -9191.807 339.263600
0.25000 9586.318 339.263600
511.100200 -330.866826 -9491.227 339.263600
0.50000 9596.107 339.263600
511.100200 -341.468813 -9790.952 339.263600
0.75000 9605.897 339.263600
511.100200 -352.070801 -10090.983 339.263600
1.00000 9615.686 339.263600
511.100200 -362.672788 -10391.321

COMB ULB06 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 9576.528 339.263600
511.100200 -320.264838 -9191.807 339.263600
0.25000 9586.318 339.263600
511.100200 -330.866826 -9491.227 339.263600
0.50000 9596.107 339.263600
511.100200 -341.468813 -9790.952 339.263600
0.75000 9605.897 339.263600

511.100200 -352.070801 -10090.983 339.263600
1.00000 9615.686 339.263600
511.100200 -362.672788 -10391.321

COMB ULB07 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 9576.528 -1.16E-12
4.92E-29 1.11E-12 -9191.807 -1.16E-12
0.25000 9586.318 -1.16E-12
4.92E-29 1.15E-12 -9491.227 -1.16E-12
0.50000 9596.107 -1.16E-12
4.92E-29 1.19E-12 -9790.952 -1.16E-12
0.75000 9605.897 -1.16E-12
4.92E-29 1.22E-12 -10090.983 -1.16E-12
1.00000 9615.686 -1.16E-12
4.92E-29 1.26E-12 -10391.321

COMB ULB07 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 9576.528 -1.16E-12
4.92E-29 1.11E-12 -9191.807 -1.16E-12
0.25000 9586.318 -1.16E-12
4.92E-29 1.15E-12 -9491.227 -1.16E-12
0.50000 9596.107 -1.16E-12
4.92E-29 1.19E-12 -9790.952 -1.16E-12
0.75000 9605.897 -1.16E-12
4.92E-29 1.22E-12 -10090.983 -1.16E-12
1.00000 9615.686 -1.16E-12
4.92E-29 1.26E-12 -10391.321
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FRAME ELEMENT INTERNAL FORCES

COMB ULB08 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 7446.517 339.263600
511.100200 -320.264838 -9181.077 339.263600
0.25000 7456.307 339.263600
511.100200 -330.866826 -9486.096 339.263600
0.50000 7466.096 339.263600
511.100200 -341.468813 -9786.096 339.263600
0.75000 7475.886 339.263600
511.100200 -352.070801 -10086.675 339.263600
1.00000 7485.675 339.263600
511.100200 -362.672788 -10386.339

COMB ULB08 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 7446.517 339.263600
511.100200 -320.264838 -9181.077 339.263600
0.25000 7456.307 339.263600
511.100200 -330.866826 -9486.096 339.263600
0.50000 7466.096 339.263600
511.100200 -341.468813 -9786.096 339.263600
0.75000 7475.886 339.263600
511.100200 -352.070801 -10086.675 339.263600
1.00000 7485.675 339.263600
511.100200 -362.672788 -10386.339

COMB ULB09 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 7446.517 -9.02E-13
3.28E-29 8.70E-13 -7181.077 -9.03E-13
0.25000 7456.307 -9.03E-13
3.28E-29 8.98E-13 -7413.933 -9.04E-13
0.50000 7466.096 -9.04E-13
3.28E-29 9.26E-13 -7647.096 -9.05E-13
0.75000 7475.886 -9.05E-13
3.28E-29 9.54E-13 -7880.564 -9.07E-13
1.00000 7485.675 -9.07E-13
3.28E-29 9.83E-13 -8114.339

COMB ULB09 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 7446.517 -9.02E-13
3.28E-29 8.70E-13 -7181.077 -9.03E-13
0.25000 7456.307 -9.03E-13
3.28E-29 8.98E-13 -7413.933 -9.04E-13
0.50000 7466.096 -9.04E-13
3.28E-29 9.26E-13 -7647.096 -9.05E-13
0.75000 7475.886 -9.05E-13
3.28E-29 9.54E-13 -7880.564 -9.07E-13
1.00000 7485.675 -9.07E-13
3.28E-29 9.83E-13 -8114.339

COMB ULB10 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 7160.112 351.647500
491.442500 -337.784651 -6904.881 352.024023
0.25000 7169.526 352.024023
491.442500 -348.779519 -7128.782 352.400547
0.50000 7178.939 352.400547
491.442500 -359.786153 -7352.977 352.777070
0.75000 7188.352 352.777070
491.442500 -370.804553 -7577.466 353.153594
1.00000 7197.765 353.153594
491.442500 -381.834720 -7802.249

COMB ULB10 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 7160.112 351.647500
491.442500 -337.784651 -6904.881 352.024023
0.25000 7169.526 352.024023
491.442500 -348.779519 -7128.782 352.400547
0.50000 7178.939 352.400547
491.442500 -359.786153 -7352.977 352.777070
0.75000 7188.352 352.777070
491.442500 -370.804553 -7577.466 353.153594
1.00000 7197.765 353.153594
491.442500 -381.834720 -7802.249
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FRAME ELEMENT INTERNAL FORCES

COMB ULB11 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 7160.112 25.432500
3.64E-11 -29.837691 -6904.881 25.809023
0.25000 7169.526 25.809023
3.64E-11 -30.638340 -7128.782 26.185547
0.50000 7178.939 26.185547

3.64E-11 -31.450755 -7352.977 26.562070
0.75000 7188.352 26.562070
3.64E-11 -32.274937 -7577.466 26.938594
1.00000 7197.765 26.938594
3.64E-11 -33.110885 -7802.249

COMB ULB11 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 7160.112 25.432500
3.64E-11 -29.837691 -6904.881 25.809023
0.25000 7169.526 25.809023
3.64E-11 -30.638340 -7128.782 26.185547
0.50000 7178.939 26.185547
3.64E-11 -31.450755 -7352.977 26.562070
0.75000 7188.352 26.562070
3.64E-11 -32.274937 -7577.466 26.938594
1.00000 7197.765 26.938594
3.64E-11 -33.110885 -7802.249

COMB ULB12 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 9208.200 338.931250
491.442500 -322.865806 -8838.276 339.119512
0.25000 9217.613 339.119512
491.442500 -333.460349 -9126.179 339.307773
0.50000 9227.026 339.307773
491.442500 -344.060775 -9414.377 339.496035
0.75000 9236.439 339.496035
491.442500 -354.667085 -9702.869 339.684297
1.00000 9245.852 339.684297
491.442500 -365.279277 -9991.654

COMB ULB12 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 9208.200 338.931250
491.442500 -322.865806 -8838.276 339.119512
0.25000 9217.613 339.119512
491.442500 -333.460349 -9126.179 339.307773
0.50000 9227.026 339.307773
491.442500 -344.060775 -9414.377 339.496035
0.75000 9236.439 339.496035
491.442500 -354.667085 -9702.869 339.684297
1.00000 9245.852 339.684297
491.442500 -365.279277 -9991.654

COMB ULB13 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 9208.200 12.716250
1.82E-11 -14.918846 -8838.276 12.904512
0.25000 9217.613 12.904512
1.82E-11 -15.319170 -9126.179 13.092773
0.50000 9227.026 13.092773
1.82E-11 -15.725378 -9414.377 13.281035
0.75000 9236.439 13.281035
1.82E-11 -16.137468 -9702.869 13.469297
1.00000 9245.852 13.469297
1.82E-11 -16.555442 -9991.654

COMB ULB13 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 9208.200 12.716250
1.82E-11 -14.918846 -8838.276 12.904512
0.25000 9217.613 12.904512
1.82E-11 -15.319170 -9126.179 13.092773
0.50000 9227.026 13.092773
1.82E-11 -15.725378 -9414.377 13.281035
0.75000 9236.439 13.281035
1.82E-11 -16.137468 -9702.869 13.469297
1.00000 9245.852 13.469297
1.82E-11 -16.555442 -9991.654
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FRAME ELEMENT INTERNAL FORCES

COMB ULB14 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 7160.112 338.931250
491.442500 -322.865806 -6904.881 339.119512
0.25000 7169.526 339.119512
491.442500 -333.460349 -7128.782 339.307773
0.50000 7178.939 339.307773
491.442500 -344.060775 -7352.977 339.496035
0.75000 7188.352 339.496035
491.442500 -354.667085 -7577.466 339.684297
1.00000 7197.765 339.684297
491.442500 -365.279277 -7802.249

COMB ULB14 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 7160.112 338.931250
491.442500 -322.865806 -6904.881 339.119512
0.25000 7169.526 339.119512
491.442500 -333.460349 -7128.782 339.307773
0.50000 7178.939 339.307773
491.442500 -344.060775 -7352.977 339.496035
0.75000 7188.352 339.496035
491.442500 -354.667085 -7577.466 339.684297
1.00000 7197.765 339.684297
491.442500 -365.279277 -7802.249

COMB ULB15 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 7160.112 12.716250
1.82E-11 -14.918846 -6904.881 12.904512
0.25000 7169.526 12.904512
1.82E-11 -15.319170 -7128.782 13.092773
0.50000 7178.939 13.092773
1.82E-11 -15.725378 -7352.977 13.281035
0.75000 7188.352 13.281035
1.82E-11 -16.137468 -7577.466 13.469297
1.00000 7197.765 13.469297
1.82E-11 -16.555442 -7802.249

COMB ULB15 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 7160.112 12.716250
1.82E-11 -14.918846 -6904.881 12.904512
0.25000 7169.526 12.904512
1.82E-11 -15.319170 -7128.782 13.092773
0.50000 7178.939 13.092773
1.82E-11 -15.725378 -7352.977 13.281035
0.75000 7188.352 13.281035
1.82E-11 -16.137468 -7577.466 13.469297
1.00000 7197.765 13.469297
1.82E-11 -16.555442 -7802.249

COMB ULB16 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 5728.090 -6.94E-13
2.52E-29 6.69E-13 -5523.905 -6.95E-13
0.25000 5735.620 -6.95E-13
2.52E-29 6.91E-13 -5703.026 -6.96E-13
0.50000 5743.151 -6.96E-13
2.52E-29 7.12E-13 -5882.381 -6.96E-13
0.7

										2.25000000000000007865.631-9.53E-13										0.00000000000000005441.68525.432500										2.52E-297.34E-13-6061.973									
COMB_UEB02-----MIN										4.17E-299.42E-13-7780.319										3.64E-11-29.837691-5247.710										1.00000000000000005758.212-6.97E-13									
REL_DIST_T_P_M2_V2_V3										0.50000000000000007873.162-9.53E-13										0.25000000000000005448.83925.809023										2.52E-297.56E-13-6241.799									
0.00000000000000005728.090-6.94E-13										4.17E-299.72E-13-8026.238										3.64E-11-30.638340-5417.874																			
2.52E-296.69E-13-5523.905										0.75000000000000007880.692-9.54E-13										0.50000000000000005455.99326.185547										COMB_UEB16-----MIN									
0.25000000000000005735.620-6.95E-13										4.17E-291.00E-12-8272.392										3.64E-11-31.450755-5588.262										REL_DIST_T_P_M2_V2_V3									
2.52E-296.91E-13-5703.026										0.50000000000000007898.223-9.55E-13										0.75000000000000005463.14726.562070										0.00000000000000005728.090-6.94E-13									
0.50000000000000005743.151-6.96E-13										4.17E-291.03E-12-8518.781										1.00000000000000005470.30126.938594										2.52E-296.19E-13-5703.026									
2.52E-297.12E-13-5882.381										COMB_UEB07-----MIN																				0.00000000000000005728.090-6.94E-13									
0.75000000000000005750.681-6.96E-13										REL_DIST_T_P_M2_V2_V3										COMB_UEB12-----MAX										2.52E-296.91E-13-5703.026									
2.52E-297.34E-13-6061.973										0.25000000000000007865.631-9.53E-13										REL_DIST_T_P_M2_V2_V3										2.52E-296.19E-13-5703.026									
0.50000000000000005743.151-6.97E-13										4.17E-299.72E-13-8026.238										0.00000000000000007489.773338.931250										2.52E-297.12E-13-5882.381									
COMB_UEB03-----MAX										0.75000000000000007880.692-9.54E-13										0.25000000000000007489.773338.931250										2.52E-297.34E-13-6061.973									
REL_DIST_T_P_M2_V2_V3										4.17E-291.00E-12-8272.392										0.50000000000000007504.081339.307773										2.52E-297.56E-13-6241.799									
0.00000000000000005728.09026.449800										1.00000000000000007888.223-9.55E-13										0.75000000000000007511.235339.496035										2.52E-297.12E-13-5882.381									
3.78E-11-31.031199-5523.905										4.17E-291.03E-12-8518.781										0.491.442500-332.865806-7181.105339.119512										2.52E-297.34E-13-6061.973									
0.25000000000000005735.62026.841384										Program_SAP2000NonlinearVersion7.42										0.25000000000000007496.927339.119512										2.52E-296.91E-13-5703.026									
3.78E-11-31.863874-5703.02627.232969										File:청도1교하행_P9_본세.OUT										0.50000000000000007504.081339.307773										2.52E-297.12E-13-5882.381									
0.50000000000000005743.15127.232969																				0.491.442500-344.060775-7649.662339.307773										2.52E-297.34E-13-6061.973									
3.78E-11-32.708785-5882.38127.232969																				0.75000000000000007511.235339.496035										2.52E-297.56E-13-6241.799									
0.75000000000000005750.68127.264553																				0.491.442500-354.667085-7884.277339.684297										2.52E-297.12E-13-5882.381									
3.78E-11-33.565934-6061.97327.264553																				1.00000000000000007518.389339.684297										2.52E-297.34E-13-6061.973									
0.50000000000000005758.21228.016138																				0.491.442500-365.279277-8119.115339.684297										2.52E-297.56E-13-6241.799									
3.78E-11-34.435320-6241.79928.016138																																							
COMB_UEB03-----MIN										F_R_A_M_E_ELEMENT_I_N_T_E_R_N_A_L_F_O_R_C_E_S										COMB_UEB12-----MIN										F_R_A_M_E_ELEMENT_I_N_T_E_R_N_A_L_F_O_R_C_E_S									
REL_DIST_T_P_M2_V2_V3										COMB_UEB08-----MAX										REL_DIST_T_P_M2_V2_V3										COMB_UEB17-----MAX									
0.00000000000000005728.09026.449800										REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3									
3.78E-11-31.031199-5523.905										0.00000000000000005728.090339.263600										0.00000000000000007489.773338.931250										0.00000000000000007858.101-9.52E-13									
0.25000000000000005735.62026.841384										0.25000000000000005735.620339.263600										0.25000000000000007496.927339.119512										4.17E-299.12E-13-7534.636									
3.78E-11-31.863874-5703.026										0.50000000000000005743.151339.263600										0.491.442500-333.460349-7415.272																			
0.50000000000000005743.15127.232969										0.50000000000000005743.151339.263600										0.491.442500-344.060775-7649.662																			
3.78E-11-32.708785-5882.38127.264553										0.50000000000000005743.151339.263600										0.491.442500-354.667085-7884.277																			
0.75000000000000005750.68127.264553										0.75000000000000005750.681339.263600										1.00000000000000007518.389339.684297																			
3.78E-11-33.565934-6061.97327.264553										0.50000000000000005743.151339.263600										0.491.442500-365.279277-8119.115																			
0.50000000000000005758.21228.016138										REL_DIST_T_P_M2_V2_V3										COMB_UEB13-----MAX										REL_DIST_T_P_M2_V2_V3									
3.78E-11-34.435320-6241.79928.016138										0.00000000000000007489.773338.931250										1.82E-11-14.918846-7181.10512.716250																			
COMB_UEB04-----MAX										COMB_UEB08-----MIN										REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3									
REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3									
0.00000000000000007858.10113.224900										0.00000000000000005728.090339.263600										0.25000000000000007496.927339.119512										4.17E-299.12E-13-7534.636									
1.89E-11-15.515599-7534.636										0.25000000000000005735.620339.263600										0.50000000000000007504.081339.307773										4.17E-299.42E-13-7780.319									
0.25000000000000007865.63113.420692										0.50000000000000005743.151339.263600										1.82E-11-15.725378-7649.662										4.17E-299.72E-13-8026.238									
1.89E-11-15.931937-7780.319										0.75000000000000005750.681339.263600										1.82E-11-16.137468-7884.277										4.17E-291.00E-12-8272.392									
0.50000000000000007873.16213.616484										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
1.89E-11-16.354393-8026.238										0.75000000000000005750.681339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
0.75000000000000007880.69213.812277										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
1.89E-11-16.782967-8272.392										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
0.50000000000000007880.69213.812277										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
1.89E-11-16.782967-8272.392										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
0.75000000000000007888.22314.008069										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
1.89E-11-17.217660-8518.781										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
1.89E-11-17.217660-8518.781										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
COMB_UEB04-----MIN										COMB_UEB09-----MAX										REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3									
REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3									
0.00000000000000007858.10113.224900										0.00000000000000005728.090339.263600										0.25000000000000007496.927339.119512										4.17E-299.12E-13-7534.636									
1.89E-11-15.515599-7534.636										0.25000000000000005735.620339.263600										0.50000000000000007504.081339.307773										4.17E-299.42E-13-7780.319									
0.25000000000000007865.63113.420692										0.50000000000000005743.151339.263600										1.82E-11-15.725378-7649.662										4.17E-299.72E-13-8026.238									
1.89E-11-15.931937-7780.319										0.75000000000000005750.681339.263600										1.82E-11-16.137468-7884.277										4.17E-291.00E-12-8272.392									
0.50000000000000007873.16213.616484										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
1.89E-11-16.354393-8026.238										0.75000000000000005750.681339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
0.75000000000000007880.69213.812277										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
1.89E-11-16.782967-8272.392										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
0.50000000000000007888.22314.008069										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
1.89E-11-17.217660-8518.781										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
1.89E-11-17.217660-8518.781										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
COMB_UEB04-----MIN										COMB_UEB09-----MAX										REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3									
REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3									
0.00000000000000007858.10113.224900										0.00000000000000005728.090339.263600										0.25000000000000007496.927339.119512										4.17E-299.12E-13-7534.636									
1.89E-11-15.515599-7534.636										0.25000000000000005735.620339.263600										0.50000000000000007504.081339.307773										4.17E-299.42E-13-7780.319									
0.25000000000000007865.63113.420692										0.50000000000000005743.151339.263600										1.82E-11-15.725378-7649.662										4.17E-299.72E-13-8026.238									
1.89E-11-15.931937-7780.319										0.75000000000000005750.681339.263600										1.82E-11-16.137468-7884.277										4.17E-291.00E-12-8272.392									
0.50000000000000007873.16213.616484										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
1.89E-11-16.354393-8026.238										0.75000000000000005750.681339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
0.75000000000000007880.69213.812277										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
1.89E-11-16.782967-8272.392										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
0.50000000000000007888.22314.008069										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
1.89E-11-17.217660-8518.781										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
1.89E-11-17.217660-8518.781										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
COMB_UEB04-----MIN										COMB_UEB09-----MAX										REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3									
REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3										REL_DIST_T_P_M2_V2_V3									
0.00000000000000007858.10113.224900										0.00000000000000005728.090339.263600										0.25000000000000007496.927339.119512										4.17E-299.12E-13-7534.636									
1.89E-11-15.515599-7534.636										0.25000000000000005735.620339.263600										0.50000000000000007504.081339.307773										4.17E-299.42E-13-7780.319									
0.25000000000000007865.63113.420692										0.50000000000000005743.151339.263600										1.82E-11-15.725378-7649.662										4.17E-299.72E-13-8026.238									
1.89E-11-15.931937-7780.319										0.75000000000000005750.681339.263600										1.82E-11-16.137468-7884.277										4.17E-291.00E-12-8272.392									
0.50000000000000007873.16213.616484										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
1.89E-11-16.354393-8026.238										0.75000000000000005750.681339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
0.75000000000000007880.69213.812277										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.277										4.17E-291.03E-12-8518.781									
1.89E-11-16.782967-8272.392										0.50000000000000005743.151339.263600										1.82E-11-16.137468-7884.27																			

2.53E-29	7.12E-13	-5882.381	
0.75000	.000000	5750.681	-6.96E-13
2.53E-29	7.34E-13	-6061.973	
1.00000	.000000	5752.212	-6.97E-13
2.53E-29	7.56E-13	-6241.799	
COMB SVO03 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-246.509000	5728.090	-6.94E-13
3.79E-29	5.77E-13	-4763.094	
0.25000	-246.509000	5735.620	-6.95E-13
3.79E-29	5.99E-13	-4942.215	
0.50000	-246.509000	5743.151	-6.96E-13
3.79E-29	6.20E-13	-5121.570	
0.75000	-246.509000	5750.681	-6.96E-13
3.79E-29	6.42E-13	-5301.162	
1.00000	-246.509000	5758.212	-6.97E-13
3.79E-29	6.64E-13	-5480.988	

COMB SVO03 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-246.509000	5728.090	-6.94E-13
3.79E-29	5.77E-13	-4763.094	
0.25000	-246.509000	5735.620	-6.95E-13
3.79E-29	5.99E-13	-4942.215	
0.50000	-246.509000	5743.151	-6.96E-13
3.79E-29	6.20E-13	-5121.570	
0.75000	-246.509000	5750.681	-6.96E-13
3.79E-29	6.42E-13	-5301.162	
1.00000	-246.509000	5758.212	-6.97E-13
3.79E-29	6.64E-13	-5480.988	

COMB SVO04 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-149.254500	7366.560	-8.92E-13
4.58E-29	7.92E-13	-6538.258	
0.25000	-149.254500	7374.090	-8.93E-13
4.58E-29	8.20E-13	-6768.581	
0.50000	-149.254500	7381.621	-8.94E-13
4.58E-29	8.48E-13	-6999.139	
0.75000	-149.254500	7389.151	-8.95E-13
4.58E-29	8.76E-13	-7229.932	
1.00000	-149.254500	7396.682	-8.96E-13
4.58E-29	9.04E-13	-7460.961	

COMB SVO04 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-149.254500	7366.560	-8.92E-13
4.58E-29	7.92E-13	-6538.258	
0.25000	-149.254500	7374.090	-8.93E-13
4.58E-29	8.20E-13	-6768.581	
0.50000	-149.254500	7381.621	-8.94E-13
4.58E-29	8.48E-13	-6999.139	
0.75000	-149.254500	7389.151	-8.95E-13
4.58E-29	8.76E-13	-7229.932	
1.00000	-149.254500	7396.682	-8.96E-13
4.58E-29	9.04E-13	-7460.961	
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COMB SVO05 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-149.254500	7366.560	-8.92E-13
3.32E-29	6.05E-13	-4991.543	
0.25000	-149.254500	7374.090	-8.93E-13
3.32E-29	6.26E-13	-5170.663	
0.50000	-149.254500	7381.621	-8.94E-13
3.32E-29	6.48E-13	-5350.019	
0.75000	-149.254500	7389.151	-8.95E-13
3.32E-29	6.70E-13	-5529.610	
1.00000	-149.254500	7396.682	-8.96E-13
3.32E-29	6.91E-13	-5709.437	

COMB SVO05 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-149.254500	7366.560	-8.92E-13
3.32E-29	6.05E-13	-4991.543	
0.25000	-149.254500	7374.090	-8.93E-13
3.32E-29	6.26E-13	-5170.663	
0.50000	-149.254500	7381.621	-8.94E-13
3.32E-29	6.48E-13	-5350.019	
0.75000	-149.254500	7389.151	-8.95E-13
3.32E-29	6.70E-13	-5529.610	
1.00000	-149.254500	7396.682	-8.96E-13
3.32E-29	6.91E-13	-5709.437	

COMB SVO06 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.16E-10	7366.560	-8.92E-13
4.10E-29	8.56E-13	-7070.621	
0.25000	1.16E-10	7374.090	-8.93E-13
4.10E-29	8.84E-13	-7300.944	
0.50000	1.16E-10	7381.621	-8.94E-13
4.10E-29	9.12E-13	-7531.502	
0.75000	1.16E-10	7389.151	-8.95E-13
4.10E-29	9.40E-13	-7762.295	
1.00000	1.16E-10	7396.682	-8.96E-13
4.10E-29	9.68E-13	-7993.323	

COMB SVO06 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.16E-10	7366.560	-8.92E-13
4.10E-29	8.56E-13	-7070.621	
0.25000	1.16E-10	7374.090	-8.93E-13
4.10E-29	8.84E-13	-7300.944	
0.50000	1.16E-10	7381.621	-8.94E-13
4.10E-29	9.12E-13	-7531.502	
0.75000	1.16E-10	7389.151	-8.95E-13
4.10E-29	9.40E-13	-7762.295	
1.00000	1.16E-10	7396.682	-8.96E-13
4.10E-29	9.68E-13	-7993.323	

COMB SVO07 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.16E-10	7366.560	-8.92E-13
3.79E-29	8.56E-13	-7070.621	
0.25000	1.16E-10	7374.090	-8.93E-13
3.79E-29	8.84E-13	-7300.944	
0.50000	1.16E-10	7381.621	-8.94E-13
3.79E-29	9.12E-13	-7531.502	
0.75000	1.16E-10	7389.151	-8.95E-13
3.79E-29	9.40E-13	-7762.295	
1.00000	1.16E-10	7396.682	-8.96E-13
3.79E-29	9.68E-13	-7993.323	

COMB SVO07 ----- MIN			
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REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.16E-10	7366.560	-8.92E-13
3.79E-29	8.56E-13	-7070.621	
0.25000	1.16E-10	7374.090	-8.93E-13
3.79E-29	8.84E-13	-7300.944	
0.50000	1.16E-10	7381.621	-8.94E-13
3.79E-29	9.12E-13	-7531.502	
0.75000	1.16E-10	7389.151	-8.95E-13
3.79E-29	9.40E-13	-7762.295	
1.00000	1.16E-10	7396.682	-8.96E-13
3.79E-29	9.68E-13	-7993.323	
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COMB SVO08 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.16E-10	5728.090	-6.94E-13
2.84E-29	6.69E-13	-5523.905	
0.25000	1.16E-10	5735.620	-6.95E-13
2.84E-29	6.91E-13	-5703.026	
0.50000	1.16E-10	5743.151	-6.96E-13
2.84E-29	7.12E-13	-5882.381	
0.75000	1.16E-10	5750.681	-6.96E-13
2.84E-29	7.34E-13	-6061.973	
1.00000	1.16E-10	5758.212	-6.97E-13
2.84E-29	7.56E-13	-6241.799	

COMB SVO08 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.16E-10	5728.090	-6.94E-13
2.84E-29	6.69E-13	-5523.905	
0.25000	1.16E-10	5735.620	-6.95E-13
2.84E-29	6.91E-13	-5703.026	
0.50000	1.16E-10	5743.151	-6.96E-13
2.84E-29	7.12E-13	-5882.381	
0.75000	1.16E-10	5750.681	-6.96E-13
2.84E-29	7.34E-13	-6061.973	
1.00000	1.16E-10	5758.212	-6.97E-13
2.84E-29	7.56E-13	-6241.799	

COMB SVO09 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.16E-10	5728.090	-6.94E-13
2.53E-29	6.69E-13	-5523.905	
0.25000	1.16E-10	5735.620	-6.95E-13
2.53E-29	6.91E-13	-5703.026	
0.50000	1.16E-10	5743.151	-6.96E-13
2.53E-29	7.12E-13	-5882.381	
0.75000	1.16E-10	5750.681	-6.96E-13
2.53E-29	7.34E-13	-6061.973	
1.00000	1.16E-10	5758.212	-6.97E-13
2.53E-29	7.56E-13	-6241.799	

COMB SVO09 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.16E-10	5728.090	-6.94E-13
2.53E-29	6.69E-13	-5523.905	
0.25000	1.16E-10	5735.620	-6.95E-13
2.53E-29	6.91E-13	-5703.026	
0.50000	1.16E-10	5743.151	-6.96E-13
2.53E-29	7.12E-13	-5882.381	
0.75000	1.16E-10	5750.681	-6.96E-13
2.53E-29	7.34E-13	-6061.973	
1.00000	1.16E-10	5758.212	-6.97E-13
2.53E-29	7.56E-13	-6241.799	

COMB SVO10 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-246.509000	5728.090	-6.94E-13
4.10E-29	5.77E-13	-4763.094	
0.25000	-246.509000	5735.620	-6.95E-13
4.10E-29	5.99E-13	-4942.215	
0.50000	-246.509000	5743.151	-6.96E-13
4.10E-29	6.20E-13	-5121.570	
0.75000	-246.509000	5750.681	-6.96E-13
4.10E-29	6.42E-13	-5301.162	
1.00000	-246.509000	5758.212	-6.97E-13
4.10E-29	6.64E-13	-5480.988	

COMB SVO10 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-246.509000	5728.090	-6.94E-13
4.10E-29	5.77E-13	-4763.094	
0.25000	-246.509000	5735.620	-6.95E-13
4.10E-29	5.99E-13	-4942.215	
0.50000	-246.509000	5743.151	-6.96E-13
4.10E-29	6.20E-13	-5121.570	
0.75000	-246.509000	5750.681	-6.96E-13
4.10E-29	6.42E-13	-5301.162	
1.00000	-246.509000	5758.212	-6.97E-13
4.10E-29	6.64E-13	-5480.988	
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COMB SVO11 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-246.509000	5728.090	-6.94E-13
3.79E-29	5.77E-13	-4763.094	
0.25000	-246.509000	5735.620	-6.95E-13
3.79E-29	5.99E-13	-4942.215	
0.50000	-246.509000	5743.151	-6.96E-13
3.79E-29	6.20E-13	-5121.570	
0.75000	-246.509000	5750.681	-6.96E-13
3.79E-29	6.42E-13	-5301.162	
1.00000	-246.509000	5758.212	-6.97E-13
3.79E-29	6.64E-13	-5480.988	

COMB SVO11 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-246.509000	5728.090	-6.94E-13
3.79E-29	5.77E-13	-4763.094	
0.25000	-246.509000	5735.620	-6.95E-13
3.79E-29	5.99E-13	-4942.215	
0.50000	-246.509000	5743.151	-6.96E-

0.00000 1.51E-10 9576.528 -1.16E-12
5.34E-29 1.11E-12 -9191.807
0.25000 1.51E-10 9586.318
5.34E-29 1.11E-12 -9491.227
0.50000 1.51E-10 9596.107
5.34E-29 1.19E-12 -9790.952
0.75000 1.51E-10 9605.897
5.34E-29 1.22E-12 -10090.983
1.00000 1.51E-10 9615.686
5.34E-29 1.26E-12 -10391.321

COMB ULO06 ----- MIN

REL DIST T P M2 V2 V3
0.00000 1.51E-10 9576.528 -1.16E-12
5.34E-29 1.11E-12 -9191.807
0.25000 1.51E-10 9586.318 -1.16E-12
5.34E-29 1.15E-12 -9491.227
0.50000 1.51E-10 9596.107 -1.16E-12
5.34E-29 1.19E-12 -9790.952 -1.16E-12
0.75000 1.51E-10 9605.897 -1.16E-12
5.34E-29 1.22E-12 -10090.983 -1.16E-12
1.00000 1.51E-10 9615.686 -1.16E-12
5.34E-29 1.26E-12 -10391.321

COMB ULO07 ----- MAX

REL DIST T P M2 V2 V3
0.00000 1.51E-10 9576.528 -1.16E-12
5.34E-29 1.11E-12 -9191.807
0.25000 1.51E-10 9586.318 -1.16E-12
4.93E-29 1.15E-12 -9491.227
0.50000 1.51E-10 9596.107 -1.16E-12
4.93E-29 1.19E-12 -9790.952 -1.16E-12
0.75000 1.51E-10 9605.897 -1.16E-12
4.93E-29 1.22E-12 -10090.983 -1.16E-12
1.00000 1.51E-10 9615.686 -1.16E-12
4.93E-29 1.26E-12 -10391.321

COMB ULO07 ----- MIN

REL DIST T P M2 V2 V3
0.00000 1.51E-10 9576.528 -1.16E-12
4.93E-29 1.11E-12 -9191.807
0.25000 1.51E-10 9586.318 -1.16E-12
4.93E-29 1.15E-12 -9491.227
0.50000 1.51E-10 9596.107 -1.16E-12
4.93E-29 1.19E-12 -9790.952 -1.16E-12
0.75000 1.51E-10 9605.897 -1.16E-12
4.93E-29 1.22E-12 -10090.983 -1.16E-12
1.00000 1.51E-10 9615.686 -1.16E-12
4.93E-29 1.26E-12 -10391.321
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COMB ULO08 ----- MAX

REL DIST T P M2 V2 V3
0.00000 1.51E-10 7446.517 -9.02E-13
3.70E-29 8.70E-13 -7181.077
0.25000 1.51E-10 7456.307 -9.03E-13
3.70E-29 8.98E-13 -7413.933
0.50000 1.51E-10 7466.096 -9.04E-13
3.70E-29 9.26E-13 -7647.096 -9.05E-13
0.75000 1.51E-10 7475.886 -9.05E-13
3.70E-29 9.54E-13 -7880.564 -9.07E-13
1.00000 1.51E-10 7485.675 -9.07E-13
3.70E-29 9.83E-13 -8114.339

COMB ULO08 ----- MIN

REL DIST T P M2 V2 V3
0.00000 1.51E-10 7446.517 -9.02E-13
3.70E-29 8.70E-13 -7181.077
0.25000 1.51E-10 7456.307 -9.03E-13
3.70E-29 8.98E-13 -7413.933
0.50000 1.51E-10 7466.096 -9.04E-13
3.70E-29 9.26E-13 -7647.096 -9.05E-13
0.75000 1.51E-10 7475.886 -9.05E-13
3.70E-29 9.54E-13 -7880.564 -9.07E-13
1.00000 1.51E-10 7485.675 -9.07E-13
3.70E-29 9.83E-13 -8114.339

COMB ULO09 ----- MAX

REL DIST T P M2 V2 V3
0.00000 1.51E-10 7446.517 -9.02E-13
3.28E-29 8.70E-13 -7181.077
0.25000 1.51E-10 7456.307 -9.03E-13
3.28E-29 8.98E-13 -7413.933
0.50000 1.51E-10 7466.096 -9.04E-13
3.28E-29 9.26E-13 -7647.096 -9.05E-13
0.75000 1.51E-10 7475.886 -9.05E-13
3.28E-29 9.54E-13 -7880.564 -9.07E-13
1.00000 1.51E-10 7485.675 -9.07E-13
3.28E-29 9.83E-13 -8114.339

COMB ULO09 ----- MIN

REL DIST T P M2 V2 V3
0.00000 1.51E-10 7446.517 -9.02E-13
3.28E-29 8.70E-13 -7181.077
0.25000 1.51E-10 7456.307 -9.03E-13
3.28E-29 8.98E-13 -7413.933
0.50000 1.51E-10 7466.096 -9.04E-13
3.28E-29 9.26E-13 -7647.096 -9.05E-13
0.75000 1.51E-10 7475.886 -9.05E-13
3.28E-29 9.54E-13 -7880.564 -9.07E-13
1.00000 1.51E-10 7485.675 -9.07E-13
3.28E-29 9.83E-13 -8114.339

COMB ULO10 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -308.136250 7160.112 -8.67E-13
5.13E-29 7.21E-13 -5953.868 -8.68E-13
0.25000 -308.136250 7169.526 -8.69E-13
5.13E-29 7.48E-13 -6177.768 -8.71E-13
0.50000 -308.136250 7178.939 -8.72E-13
5.13E-29 7.75E-13 -6401.963 -8.72E-13
0.75000 -308.136250 7188.352 -8.72E-13
5.13E-29 8.03E-13 -6626.452 -8.72E-13
1.00000 -308.136250 7197.765 -8.72E-13
5.13E-29 8.30E-13 -6851.235

COMB ULO10 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -308.136250 7160.112 -8.67E-13
5.13E-29 7.21E-13 -5953.868 -8.68E-13
0.25000 -308.136250 7169.526 -8.69E-13
5.13E-29 7.48E-13 -6177.768 -8.71E-13
0.50000 -308.136250 7178.939 -8.72E-13
5.13E-29 7.75E-13 -6401.963 -8.72E-13
0.75000 -308.136250 7188.352 -8.72E-13

5.13E-29 8.03E-13 -6626.452
1.00000 -308.136250 7197.765 -8.72E-13
5.13E-29 8.30E-13 -6851.235
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COMB ULO11 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -308.136250 7160.112 -8.67E-13
4.74E-29 7.21E-13 -5953.868 -8.68E-13
0.25000 -308.136250 7169.526 -8.69E-13
4.74E-29 7.48E-13 -6177.768 -8.69E-13
0.50000 -308.136250 7178.939 -8.69E-13
4.74E-29 7.75E-13 -6401.963 -8.71E-13
0.75000 -308.136250 7188.352 -8.71E-13
4.74E-29 8.03E-13 -6626.452 -8.72E-13
1.00000 -308.136250 7197.765 -8.72E-13
4.74E-29 8.30E-13 -6851.235

COMB ULO11 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -308.136250 7160.112 -8.67E-13
4.74E-29 7.21E-13 -5953.868 -8.68E-13
0.25000 -308.136250 7169.526 -8.69E-13
4.74E-29 7.48E-13 -6177.768 -8.69E-13
0.50000 -308.136250 7178.939 -8.69E-13
4.74E-29 7.75E-13 -6401.963 -8.71E-13
0.75000 -308.136250 7188.352 -8.71E-13
4.74E-29 8.03E-13 -6626.452 -8.72E-13
1.00000 -308.136250 7197.765 -8.72E-13
4.74E-29 8.30E-13 -6851.235

COMB ULO12 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -186.568125 9208.200 -1.12E-12
6.12E-29 9.90E-13 -8172.823 -1.12E-12
0.25000 -186.568125 9217.613 -1.12E-12
6.12E-29 1.02E-12 -8460.726 -1.12E-12
0.50000 -186.568125 9227.026 -1.12E-12
6.12E-29 1.06E-12 -8748.924 -1.12E-12
0.75000 -186.568125 9236.439 -1.12E-12
6.12E-29 1.09E-12 -9037.415 -1.12E-12
1.00000 -186.568125 9245.852 -1.12E-12
6.12E-29 1.13E-12 -9326.201

COMB ULO12 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -186.568125 9208.200 -1.12E-12
6.12E-29 9.90E-13 -8172.823 -1.12E-12
0.25000 -186.568125 9217.613 -1.12E-12
6.12E-29 1.02E-12 -8460.726 -1.12E-12
0.50000 -186.568125 9227.026 -1.12E-12
6.12E-29 1.06E-12 -8748.924 -1.12E-12
0.75000 -186.568125 9236.439 -1.12E-12
6.12E-29 1.09E-12 -9037.415 -1.12E-12
1.00000 -186.568125 9245.852 -1.12E-12
6.12E-29 1.13E-12 -9326.201

COMB ULO13 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -186.568125 9208.200 -1.12E-12
5.72E-29 9.90E-13 -8172.823 -1.12E-12
0.25000 -186.568125 9217.613 -1.12E-12
5.72E-29 1.02E-12 -8460.726 -1.12E-12
0.50000 -186.568125 9227.026 -1.12E-12
5.72E-29 1.06E-12 -8748.924 -1.12E-12
0.75000 -186.568125 9236.439 -1.12E-12
5.72E-29 1.09E-12 -9037.415 -1.12E-12
1.00000 -186.568125 9245.852 -1.12E-12
5.72E-29 1.13E-12 -9326.201

COMB ULO13 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -186.568125 9208.200 -1.12E-12
5.72E-29 9.90E-13 -8172.823 -1.12E-12
0.25000 -186.568125 9217.613 -1.12E-12
5.72E-29 1.02E-12 -8460.726 -1.12E-12
0.50000 -186.568125 9227.026 -1.12E-12
5.72E-29 1.06E-12 -8748.924 -1.12E-12
0.75000 -186.568125 9236.439 -1.12E-12
5.72E-29 1.09E-12 -9037.415 -1.12E-12
1.00000 -186.568125 9245.852 -1.12E-12
5.72E-29 1.13E-12 -9326.201
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COMB ULO14 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -186.568125 7160.112 -8.67E-13
4.54E-29 7.56E-13 -6239.428 -8.68E-13
0.25000 -186.568125 7169.526 -8.68E-13
4.54E-29 7.83E-13 -6463.329 -8.69E-13
0.50000 -186.568125 7178.939 -8.69E-13
4.54E-29 8.10E-13 -6687.524 -8.71E-13
0.75000 -186.568125 7188.352 -8.71E-13
4.54E-29 8.37E-13 -6912.013 -8.72E-13
1.00000 -186.568125 7197.765 -8.72E-13
4.54E-29 8.64E-13 -7136.796

COMB ULO14 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -186.568125 7160.112 -8.67E-13
4.54E-29 7.56E-13 -6239.428 -8.68E-13
0.25000 -186.568125 7169.526 -8.68E-13
4.54E-29 7.83E-13 -6463.329 -8.69E-13
0.50000 -186.568125 7178.939 -8.69E-13
4.54E-29 8.10E-13 -6687.524 -8.71E-13
0.75000 -186.568125 7188.352 -8.71E-13
4.54E-29 8.37E-13 -6912.013 -8.72E-13
1.00000 -186.568125 7197.765 -8.72E-13
4.54E-29 8.64E-13 -7136.796

COMB ULO15 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -186.568125 7160.112 -8.67E-13
4.14E-29 7.83E-13 -6463.329 -8.69E-13
0.50000 -186.568125 7178.939 -8.69E-13
4.14E-29 8.10E-13 -6687.524 -8.71E-13
0.75000 -186.568125 7188.352 -8.71E-13
4.14E-29 8.37E-13 -6912.013 -8.72E-13
1.00000 -186.568125 7197.765 -8.72E-13
4.14E-29 8.64E-13 -7136.796

4.14E-29 8.10E-13 -6687.524
0.75000 -186.568125 7188.352 -8.71E-13
4.14E-29 8.37E-13 -6912.013 -8.72E-13
1.00000 -186.568125 7197.765 -8.72E-13
4.14E-29 8.64E-13 -7136.796

COMB ULO15 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -186.568125 7160.112 -8.67E-13
4.14E-29 7.56E-13 -6239.428 -8.68E-13
0.25000 -186.568125 7169.526 -8.69E-13
4.14E-29 7.83E-13 -6463.329 -8.69E-13
0.50000 -186.568125 7178.939 -8.69E-13
4.14E-29 8.10E-13 -6687.524 -8.71E-13
0.75000 -186.568125 7188.352 -8.71E-13
4.14E-29 8.37E-13 -6912.013 -8.72E-13
1.00000 -186.568125 7197.765 -8.72E-13
4.14E-29 8.64E-13 -7136.796

COMB ULO16 ----- MAX

REL DIST T P M2 V2 V3
0.00000 0.00000 5728.090 -6.94E-13
2.53E-29 6.69E-13 -5523.905 -6.95E-13
0.25000 0.00000 5735.620 -6.96E-13
2.53E-29 6.91E-13 -5703.026 -6.96E-13
0.50000 0.00000 5743.151 -6.96E-13
2.53E-29 7.12E-13 -5882.381 -6.96E-13
0.75000 0.00000 5750.681 -6.96E-13
2.53E-29 7.34E-13 -6061.973 -6.97E-13
1.00000 0.00000 5758.212 -6.97E-13
2.53E-29 7.56E-13 -6241.799

COMB ULO16 ----- MIN

REL DIST T P M2 V2 V3
0.00000 0.00000 5728.090 -6.94E-13
2.53E-29 6.69E-13 -5523.905 -6.95E-13
0.25000 0.00000 5735.620 -6.96E-13
2.53E-29 6.91E-13 -5703.026 -6.96E-13
0.50000 0.00000 5743.151 -6.96E-13
2.53E-29 7.12E-13 -5882.381 -6.96E-13
0.75000 0.00000 5750.681 -6.96E-13
2.53E-29 7.34E-13 -6061.973 -6.97E-13
1.00000 0.00000 5758.212 -6.97E-13
2.53E-29 7.56E-13 -6241.799

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COMB ULO17 ----- MAX

REL DIST T P M2 V2 V3
0.00000 0.00000 9576.528 -1.16E-12
4.93E-29 1.11E-12 -9191.807 -1.16E-12
0.25000 0.00000 9586.318 -1.16E-12
4.93E-29 1.15E-12 -9491.227 -1.16E-12
0.50000 0.00000 9596.107 -1.16E-12
4.93E-29 1.19E-12 -9790.952 -1.16E-12
0.75000 0.00000 9605.897 -1.16E-12
4.93E-29 1.22E-12 -10090.983 -1.16E-12
1.00000 0.00000 9615.686 -1.16E-12
4.93E-29 1.26E-12 -10391.321

COMB ULO17 ----- MIN

REL DIST T P M2 V2 V3
0.00000 0.00000 9576.528 -1.16E-12
4.93E-29 1.11E-12 -9191.807 -1.16E-12
0.25000 0.00000 9586.318 -1.16E-12
4.93E-29 1.15E-12 -9491.227 -1.16E-12
0.50000 0.00000 9596.107 -1.16E-12
4.93E-29 1.19E-12 -9790.952 -1.16E-12
0.75000 0.00000 9605.897 -1.16E-12
4.93E-29 1.22E-12 -10090.983 -1.16E-12
1.00000 0.00000 9615.686 -1.16E-12
4.93E-29 1.26E-12 -10391.321

COMB ULO18 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -295.810800 6873.708 -8.32E-13
4.55E-29 6.92E-13 -5715.713 -8.34E-13
0.25000 -295.810800 6882.745 -8.34E-13
4.55E-29 7.18E-13 -5930.658 -8.35E-13
0.50000 -295.810800 6891.781 -8.35E-13
4.55E-29 7.44E-13 -6145.885 -8.36E-13
0.75000 -295.810800 6900.818 -8.36E-13
4.55E-29 7.70E-13 -6361.394 -8.37E-13
1.00000 -295.810800 6909.854 -8.37E-13
4.55E-29 7.97E-13 -6577.186

COMB ULO18 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -295.810800 6873.708 -8.32E-13
4.55E-29 6.92E-13 -5715.713 -8.34E-13
0.25000 -295.810800 6882.745 -8.34E-13
4.55E-29 7.18E-13 -5930.658 -8.35E-13
0.50000 -295.810800 6891.781 -8.35E-13
4.55E-29 7.44E-13 -6145.885 -8.36E-13
0.75000 -295.810800 6900.818 -8.36E-13
4.55E-29 7.70E-13 -6361.394 -8.37E-13
1.00000 -295.810800 6909.854 -8.37E-13
4.55E-29 7.97E-13 -6577.186

COMB UEO01 ----- MAX

REL DIST T P M2 V2 V3
0.00000 0.00000 9250.801 -1.12E-12
5.24E-29 1.07E-12 -8849.344 -1.12E-12
0.25000 0.00000 9258.331 -1.12E-12
5.24E-29 1.11E-12 -9138.549 -1.12E-12
0.50000 0.00000 9265.861 -1.12E-12
5.24E-29 1.14E-12 -9427.990 -1.12E-12
0.75000 0.00000 9273.392 -1.12E-12
5.24E-29 1.18E-12 -9717.665 -1.12E-12
1.00000 0.00000 92

COMB UEO06 ----- 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				COMB UEO11 ----- MAX				COMB UEO16 ----- MAX				COMB ENVBECCE ----- MIN			
REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3
T	M2	M3		T	M2	M3		T	M2	M3		T	M2	M3		T	M2	M3	
0.00000	1.51E-10	7858.101	-9.52E-13	0.00000	-308.136250	5441.685	-6.59E-13	0.00000	6.69E-13	-5523.905	-6.94E-13	0.00000	6.69E-13	-5523.905	-6.94E-13	0.00000	6.69E-13	-5523.905	-6.94E-13
4.58E-29	9.12E-13	-7534.636	-9.53E-13	3.98E-29	5.20E-13	-4296.696	-6.60E-13	3.98E-29	5.20E-13	-4296.696	-6.60E-13	3.98E-29	5.20E-13	-4296.696	-6.60E-13	3.98E-29	5.20E-13	-4296.696	-6.60E-13
0.25000	1.51E-10	7865.631	-9.53E-13	0.25000	-308.136250	5448.839	-6.60E-13	0.25000	0.00000	5743.151	-6.96E-13	0.25000	0.00000	5743.151	-6.96E-13	0.25000	0.00000	5743.151	-6.96E-13
4.58E-29	9.42E-13	-7780.319	-9.53E-13	3.98E-29	5.41E-13	-4466.861	-6.61E-13	3.98E-29	5.41E-13	-4466.861	-6.61E-13	3.98E-29	5.41E-13	-4466.861	-6.61E-13	3.98E-29	5.41E-13	-4466.861	-6.61E-13
0.50000	1.51E-10	7873.162	-9.53E-13	0.50000	-308.136250	5455.993	-6.61E-13	0.50000	0.00000	5750.681	-6.97E-13	0.50000	0.00000	5750.681	-6.97E-13	0.50000	0.00000	5750.681	-6.97E-13
4.58E-29	9.72E-13	-8026.238	-9.54E-13	3.98E-29	5.62E-13	-4637.249	-6.62E-13	3.98E-29	5.62E-13	-4637.249	-6.62E-13	3.98E-29	5.62E-13	-4637.249	-6.62E-13	3.98E-29	5.62E-13	-4637.249	-6.62E-13
0.75000	1.51E-10	7880.692	-9.54E-13	0.75000	-308.136250	5463.147	-6.62E-13	0.75000	0.00000	5758.212	-6.97E-13	0.75000	0.00000	5758.212	-6.97E-13	0.75000	0.00000	5758.212	-6.97E-13
4.58E-29	1.00E-12	-8272.392	-9.55E-13	3.98E-29	5.82E-13	-4807.860	-6.62E-13	3.98E-29	5.82E-13	-4807.860	-6.62E-13	3.98E-29	5.82E-13	-4807.860	-6.62E-13	3.98E-29	5.82E-13	-4807.860	-6.62E-13
1.00000	1.51E-10	7888.223	-9.55E-13	1.00000	-308.136250	5470.301	-6.62E-13	1.00000	0.00000	5768.990	-6.94E-13	1.00000	0.00000	5768.990	-6.94E-13	1.00000	0.00000	5768.990	-6.94E-13
4.58E-29	1.03E-12	-8518.781	-9.55E-13	3.98E-29	6.03E-13	-4978.695	-6.62E-13	3.98E-29	6.03E-13	-4978.695	-6.62E-13	3.98E-29	6.03E-13	-4978.695	-6.62E-13	3.98E-29	6.03E-13	-4978.695	-6.62E-13
COMB UEO07 ----- MAX				COMB UEO12 ----- MAX				COMB UEO17 ----- MAX				COMB UEO18 ----- MIN				COMB UEO19 ----- MIN			
REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3
T	M2	M3		T	M2	M3		T	M2	M3		T	M2	M3		T	M2	M3	
0.00000	1.51E-10	7858.101	-9.52E-13	0.00000	-308.136250	5441.685	-6.59E-13	0.00000	6.69E-13	-5523.905	-6.94E-13	0.00000	6.69E-13	-5523.905	-6.94E-13	0.00000	6.69E-13	-5523.905	-6.94E-13
4.17E-29	9.12E-13	-7534.636	-9.53E-13	3.98E-29	5.20E-13	-4296.696	-6.60E-13	4.17E-29	9.12E-13	-7534.636	-9.53E-13	4.17E-29	9.12E-13	-7534.636	-9.53E-13	4.17E-29	9.12E-13	-7534.636	-9.53E-13
0.25000	0.00000	7865.631	-9.53E-13	0.25000	-308.136250	5448.839	-6.60E-13	0.25000	0.00000	5743.151	-6.96E-13	0.25000	0.00000	5743.151	-6.96E-13	0.25000	0.00000	5743.151	-6.96E-13
4.17E-29	9.42E-13	-7780.319	-9.53E-13	3.98E-29	5.41E-13	-4466.861	-6.61E-13	4.17E-29	9.42E-13	-7780.319	-9.53E-13	4.17E-29	9.42E-13	-7780.319	-9.53E-13	4.17E-29	9.42E-13	-7780.319	-9.53E-13
0.50000	0.00000	7873.162	-9.53E-13	0.50000	-308.136250	5455.993	-6.61E-13	0.50000	0.00000	5750.681	-6.97E-13	0.50000	0.00000	5750.681	-6.97E-13	0.50000	0.00000	5750.681	-6.97E-13
4.17E-29	9.72E-13	-8026.238	-9.54E-13	3.98E-29	5.62E-13	-4637.249	-6.62E-13	4.17E-29	9.72E-13	-8026.238	-9.54E-13	4.17E-29	9.72E-13	-8026.238	-9.54E-13	4.17E-29	9.72E-13	-8026.238	-9.54E-13
0.75000	0.00000	7880.692	-9.54E-13	0.75000	-308.136250	5463.147	-6.62E-13	0.75000	0.00000	5758.212	-6.97E-13	0.75000	0.00000	5758.212	-6.97E-13	0.75000	0.00000	5758.212	-6.97E-13
4.17E-29	1.00E-12	-8272.392	-9.55E-13	3.98E-29	5.82E-13	-4807.860	-6.62E-13	4.17E-29	1.00E-12	-8272.392	-9.55E-13	4.17E-29	1.00E-12	-8272.392	-9.55E-13	4.17E-29	1.00E-12	-8272.392	-9.55E-13
1.00000	0.00000	7888.223	-9.55E-13	1.00000	-308.136250	5470.301	-6.62E-13	1.00000	0.00000	5768.990	-6.94E-13	1.00000	0.00000	5768.990	-6.94E-13	1.00000	0.00000	5768.990	-6.94E-13
4.17E-29	1.03E-12	-8518.781	-9.55E-13	3.98E-29	6.03E-13	-4978.695	-6.62E-13	4.17E-29	1.03E-12	-8518.781	-9.55E-13	4.17E-29	1.03E-12	-8518.781	-9.55E-13	4.17E-29	1.03E-12	-8518.781	-9.55E-13
COMB UEO08 ----- MIN				COMB UEO13 ----- MIN				COMB UEO18 ----- MAX				COMB UEO19 ----- MAX				COMB UEO20 ----- MIN			
REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3
T	M2	M3		T	M2	M3		T	M2	M3		T	M2	M3		T	M2	M3	
0.00000	1.51E-10	7858.101	-9.52E-13	0.00000	-186.568125	7489.773	-9.07E-13	0.00000	6.69E-13	-5523.905	-6.94E-13	0.00000	6.69E-13	-5523.905	-6.94E-13	0.00000	6.69E-13	-5523.905	-6.94E-13
2.94E-29	6.69E-13	-5523.905	-6.94E-13	5.36E-29	7.89E-13	-6515.651	-9.08E-13	2.94E-29	6.69E-13	-5523.905	-6.94E-13	2.94E-29	6.69E-13	-5523.905	-6.94E-13	2.94E-29	6.69E-13	-5523.905	-6.94E-13
0.25000	0.00000	7865.631	-9.53E-13	5.36E-29	8.17E-13	-6749.819	-9.09E-13	0.25000	0.00000	5735.620	-6.95E-13	0.25000	0.00000	5735.620	-6.95E-13	0.25000	0.00000	5735.620	-6.95E-13
2.94E-29	6.91E-13	-5703.026	-6.96E-13	5.36E-29	8.46E-13	-6984.209	-9.10E-13	2.94E-29	6.91E-13	-5703.026	-6.96E-13	2.94E-29	6.91E-13	-5703.026	-6.96E-13	2.94E-29	6.91E-13	-5703.026	-6.96E-13
0.50000	1.51E-10	7873.162	-9.53E-13	5.36E-29	8.74E-13	-7218.824	-9.10E-13	0.50000	0.00000	5743.151	-6.96E-13	0.50000	0.00000	5743.151	-6.96E-13	0.50000	0.00000	5743.151	-6.96E-13
2.94E-29	7.12E-13	-5882.381	-6.96E-13	5.36E-29	9.03E-13	-7453.662	-9.11E-13	2.94E-29	7.12E-13	-5882.381	-6.96E-13	2.94E-29	7.12E-13	-5882.381	-6.96E-13	2.94E-29	7.12E-13	-5882.381	-6.96E-13
0.75000	1.51E-10	7880.692	-9.54E-13	5.36E-29	9.03E-13	-7453.662	-9.11E-13	0.75000	0.00000	5750.681	-6.96E-13	0.75000	0.00000	5750.681	-6.96E-13	0.75000	0.00000	5750.681	-6.96E-13
2.94E-29	7.34E-13	-6061.973	-6.97E-13	5.36E-29	9.03E-13	-7453.662	-9.11E-13	2.94E-29	7.34E-13	-6061.973	-6.97E-13	2.94E-29	7.34E-13	-6061.973	-6.97E-13	2.94E-29	7.34E-13	-6061.973	-6.97E-13
1.00000	1.51E-10	7888.223	-9.55E-13	5.36E-29	9.03E-13	-7453.662	-9.11E-13	1.00000	0.00000	5758.212	-6.97E-13	1.00000	0.00000	5758.212	-6.97E-13	1.00000	0.00000	5758.212	-6.97E-13
2.94E-29	7.56E-13	-6241.799	-6.97E-13	5.36E-29	9.03E-13	-7453.662	-9.11E-13	2.94E-29	7.56E-13	-6241.799	-6.97E-13	2.94E-29	7.56E-13	-6241.799	-6.97E-13	2.94E-29	7.56E-13	-6241.799	-6.97E-13
COMB UEO09 ----- MAX				COMB UEO14 ----- MIN				COMB UEO19 ----- MAX				COMB UEO20 ----- MIN				COMB UEO21 ----- MIN			
REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3
T	M2	M3		T	M2	M3		T	M2	M3		T	M2	M3		T	M2	M3	
0.00000	1.51E-10	7858.101	-9.52E-13	0.00000	-186.568125	7489.773	-9.07E-13	0.00000	6.69E-13	-5523.905	-6.94E-13	0.00000	6.69E-13	-5523.905	-6.94E-13	0.00000	6.69E-13	-5523.905	-6.94E-13
2.53E-29	6.69E-13	-5523.905	-6.94E-13	4.97E-29	7.89E-13	-6515.651	-9.08E-13	2.53E-29	6.69E-13	-5523.905	-6.94E-13	2.53E-29	6.69E-13	-5523.905	-6.94E-13	2.53E-29	6.69E-13	-5523.905	-6.94E-13
0.25000	0.00000	7865.631	-9.53E-13	4.97E-29	8.17E-13	-6749.819	-9.09E-13	0.25000	0.00000	5735.620	-6.95E-13	0.25000	0.00000	5735.620	-6.95E-13	0.25000	0.00000	5735.620	-6.95E-13
2.53E-29	6.91E-13	-5703.026	-6.95E-13	4.97E-29	8.46E-13	-6984.209	-9.10E-13	2.53E-29	6.91E-13	-5703.026	-6.95E-13	2.53E-29	6.91E-13	-5703.026	-6.95E-13	2.53E-29	6.91E-13	-5703.026	-6.95E-13
0.50000	1.51E-10</																		

0.25000 -5.05E-29 3.16E-14 260.972000
393.154000 -342.590993 -4.15E-14
0.50000 -5.05E-29 3.16E-14
393.154000 -406.202918 -4.92E-14
0.75000 -5.05E-29 3.16E-14
393.154000 -469.814843 -5.69E-14
1.00000 -5.05E-29 3.16E-14
393.154000 -533.426768 -6.46E-14

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
0.00000 0.00000 0.00000 0.00000
0.50000 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000 0.00000
0.75000 0.00000 0.00000 0.00000
0.00000 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 -246.509000 -7.28E-12 1.82E-27
1.26E-29 -9.21E-14 760.811000
0.25000 -246.509000 -7.28E-12 1.82E-27
1.26E-29 -9.21E-14 760.811000
0.50000 -246.509000 -7.28E-12 1.82E-27
1.26E-29 -9.21E-14 760.811000
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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
0.75000 -246.509000 -7.28E-12 1.82E-27
1.26E-29 -9.21E-14 760.811000
1.00000 -246.509000 -7.28E-12 1.82E-27
1.26E-29 -9.21E-14 760.811000

LOAD WL -----

REL DIST T P M2 M3 V2 V3
0.00000 -26.000000 -4.55E-13 2.02E-28
1.77E-30 -1.84E-14 151.957000
0.25000 -26.000000 -4.55E-13 2.02E-28
1.77E-30 -1.84E-14 151.957000
0.50000 -26.000000 -4.55E-13 2.02E-28
1.77E-30 -1.84E-14 151.957000
0.75000 -26.000000 -4.55E-13 2.02E-28
1.77E-30 -1.84E-14 151.957000
1.00000 -26.000000 -4.55E-13 2.02E-28
1.77E-30 -1.84E-14 151.957000

LOAD G-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 8.73E-11 4.55E-13 -1.77E-28
4.34E-30 5.05E-28 -2.73E-12 -1.77E-28
0.25000 8.73E-11 4.55E-13 -1.77E-28
4.34E-30 5.48E-28 -2.84E-12 -1.77E-28
0.50000 8.73E-11 4.55E-13 -1.77E-28
4.34E-30 5.91E-28 -2.95E-12 -1.77E-28
0.75000 8.73E-11 4.55E-13 -1.77E-28
4.34E-30 6.34E-28 -3.06E-12 -1.77E-28
1.00000 8.73E-11 4.55E-13 -1.77E-28
4.34E-30 6.77E-28 -3.17E-12 -1.77E-28

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
0.00000 0.00000 0.00000 0.00000
0.75000 0.00000 0.00000 0.00000
0.00000 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 -9.09E-13 -7.11E-15 2.37E-30
2.77E-32 -2.76E-30 7.11E-15 2.37E-30
0.25000 -9.09E-13 -7.11E-15 2.37E-30
2.77E-32 -3.34E-30 8.84E-15 2.37E-30
0.50000 -9.09E-13 -7.11E-15 2.37E-30
2.77E-32 -3.91E-30 1.06E-14 2.37E-30
0.75000 -9.09E-13 -7.11E-15 2.37E-30
2.77E-32 -4.49E-30 1.23E-14 2.37E-30
1.00000 -9.09E-13 -7.11E-15 2.37E-30
2.77E-32 -5.07E-30 1.40E-14 2.37E-30

LOAD COL-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 -1.36E-12 -1.42E-14 5.52E-30
6.16E-32 -7.10E-30 1.78E-12 5.52E-30
0.25000 -1.36E-12 -1.42E-14 5.52E-30
6.16E-32 -8.45E-30 2.12E-14 5.52E-30
0.50000 -1.36E-12 -1.42E-14 5.52E-30
6.16E-32 -9.79E-30 2.47E-14 5.52E-30
0.75000 -1.36E-12 -1.42E-14 5.52E-30
6.16E-32 -1.11E-29 2.82E-14 5.52E-30
1.00000 -1.36E-12 -1.42E-14 5.52E-30
6.16E-32 -1.25E-29 3.16E-14 5.52E-30

COMB SVB01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.36E-11 7396.682 -8.96E-13
5.21E-29 9.68E-13 -7993.323
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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
0.25000 -1.36E-11 7455.420 -9.03E-13
5.21E-29 -9.68E-13 -7993.323 -9.03E-13
0.50000 -1.36E-11 7514.157 -9.10E-13
5.21E-29 1.41E-12 -11627.841 -9.10E-13
0.75000 -1.36E-11 7572.895 -9.17E-13
5.21E-29 1.63E-12 -13466.575 -9.24E-13
1.00000 -1.36E-11 7631.633

5.21E-29 1.86E-12 -15319.627

COMB SVB01 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.36E-11 7396.682 -8.96E-13
5.21E-29 9.68E-13 -7993.323 -9.03E-13
0.25000 -1.36E-11 7455.420 -9.03E-13
5.21E-29 1.19E-12 -9803.423 -9.10E-13
0.50000 -1.36E-11 7514.157 -9.10E-13
5.21E-29 1.41E-12 -11627.841 -9.10E-13
0.75000 -1.36E-11 7572.895 -9.17E-13
5.21E-29 1.63E-12 -13466.575 -9.24E-13
1.00000 -1.36E-11 7631.633
5.21E-29 1.86E-12 -15319.627

COMB SVB02 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.09E-11 5758.212 -6.97E-13
4.10E-29 7.56E-13 -6241.799 -7.04E-13
0.25000 -1.09E-11 5816.950 -7.04E-13
4.10E-29 9.27E-13 -7652.522 -7.12E-13
0.50000 -1.09E-11 5875.687 -7.12E-13
4.10E-29 1.10E-12 -9077.562 -7.12E-13
0.75000 -1.09E-11 5934.425 -7.19E-13
4.10E-29 1.27E-12 -10516.919 -7.19E-13
1.00000 -1.09E-11 5993.163 -7.26E-13
4.10E-29 1.45E-12 -11970.594 -7.26E-13

COMB SVB02 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.09E-11 5758.212 -6.97E-13
4.10E-29 7.56E-13 -6241.799 -7.04E-13
0.25000 -1.09E-11 5816.950 -7.04E-13
4.10E-29 9.27E-13 -7652.522 -7.12E-13
0.50000 -1.09E-11 5875.687 -7.12E-13
4.10E-29 1.10E-12 -9077.562 -7.19E-13
0.75000 -1.09E-11 5934.425 -7.19E-13
4.10E-29 1.27E-12 -10516.919 -7.19E-13
1.00000 -1.09E-11 5993.163 -7.26E-13
4.10E-29 1.45E-12 -11970.594 -7.26E-13

COMB SVB03 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.09E-11 5758.212 21.550875
3.27E-11 -26.488708 -6241.799 23.900381
0.25000 -1.09E-11 5816.950 23.900381
3.27E-11 -32.028080 -7652.522 26.249888
0.50000 -1.09E-11 5875.687 26.249888
3.27E-11 -38.140144 -9077.562 28.599394
0.75000 -1.09E-11 5934.425 28.599394
3.27E-11 -44.824900 -10516.919 30.948900
1.00000 -1.09E-11 5993.163 30.948900
3.27E-11 -52.082348 -11970.594 30.948900

COMB SVB03 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.09E-11 5758.212 21.550875
3.27E-11 -26.488708 -6241.799 23.900381
0.25000 -1.09E-11 5816.950 23.900381
3.27E-11 -32.028080 -7652.522 26.249888
0.50000 -1.09E-11 5875.687 26.249888
3.27E-11 -38.140144 -9077.562 28.599394
0.75000 -1.09E-11 5934.425 28.599394
3.27E-11 -44.824900 -10516.919 30.948900
1.00000 -1.09E-11 5993.163 30.948900
3.27E-11 -52.082348 -11970.594 30.948900

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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 SVB04 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 -1.36E-11 7396.682 10.775438
1.64E-11 -13.244354 -7993.323 11.950191
0.25000 -1.36E-11 7455.420 11.950191
1.64E-11 -16.014040 -9803.423 13.124944
0.50000 -1.36E-11 7514.157 13.124944
1.64E-11 -19.070072 -11627.841 14.299697
0.75000 -1.36E-11 7572.895 14.299697
1.64E-11 -22.412450 -13466.575 15.474450
1.00000 -1.36E-11 7631.633 15.474450
1.64E-11 -26.041174 -15319.627

COMB SVB04 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.36E-11 7396.682 10.775438
1.64E-11 -13.244354 -7993.323 11.950191
0.25000 -1.36E-11 7455.420 11.950191
1.64E-11 -16.014040 -9803.423 13.124944
0.50000 -1.36E-11 7514.157 13.124944
1.64E-11 -19.070072 -11627.841 14.299697
0.75000 -1.36E-11 7572.895 14.299697
1.64E-11 -22.412450 -13466.575 15.474450
1.00000 -1.36E-11 7631.633 15.474450
1.64E-11 -26.041174 -15319.627

COMB SVB05 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.09E-11 5758.212 10.775438
1.64E-11 -13.244354 -6241.799 11.950191
0.25000 -1.09E-11 5816.950 11.950191
1.64E-11 -16.014040 -7652.522 13.124944
0.50000 -1.09E-11 5875.687 13.124944
1.64E-11 -19.070072 -9077.562 14.299697
0.75000 -1.09E-11 5934.425 14.299697
1.64E-11 -22.412450 -10516.919 15.474450
1.00000 -1.09E-11 5993.163 15.474450
1.64E-11 -26.041174 -11970.594

COMB SVB05 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.09E-11 5758.212 10.775438
1.64E-11 -13.244354 -6241.799 11.950191
0.25000 -1.09E-11 5816.950 11.950191
1.64E-11 -16.014040 -7652.522 13.124944
0.50000 -1.09E-11 5875.687 13.124944
1.64E-11 -19.070072 -9077.562 14.299697
0.75000 -1.09E-11 5934.425 14.299697
1.64E-11 -22.412450 -10516.919 15.474450
1.00000 -1.09E-11 5993.163 15.474450
1.64E-11 -26.041174 -11970.594

COMB SVB06 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.36E-11 7396.682 260.972000

393.154000 -278.979068 -7993.323
0.25000 -1.36E-11 7455.420 260.972000
393.154000 -342.590993 -9803.423
0.50000 -1.36E-11 7514.157 260.972000
393.154000 -406.202918 -11627.841
0.75000 -1.36E-11 7572.895 260.972000
393.154000 -469.814843 -13466.575
1.00000 -1.36E-11 7631.633 260.972000
393.154000 -533.426768 -15319.627

COMB SVB06 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.36E-11 7396.682 260.972000
393.154000 -278.979068 -7993.323
0.25000 -1.36E-11 7455.420 260.972000
393.154000 -342.590993 -9803.423
0.50000 -1.36E-11 7514.157 260.972000
393.154000 -406.202918 -11627.841
0.75000 -1.36E-11 7572.895 260.972000
393.154000 -469.814843 -13466.575
1.00000 -1.36E-11 7631.633 260.972000
393.154000 -533.426768 -15319.627
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COMB SVB07 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 -1.36E-11 7396.682 -8.96E-13
5.21E-29 9.68E-13 -7993.323 -9.03E-13
0.25000 -1.36E-11 7455.420 -9.03E-13
5.21E-29 1.19E-12 -9803.423 -9.10E-13
0.50000 -1.36E-11 7514.157 -9.10E-13
5.21E-29 1.41E-12 -11627.841 -9.10E-13
0.75000 -1.36E-11 7572.895 -9.17E-13
5.21E-29 1.63E-12 -13466.575 -9.24E-13
1.00000 -1.36E-11 7631.633 -9.24E-13
5.21E-29 1.86E-12 -15319.627

COMB SVB07 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.36E-11 7396.682 -8.96E-13
5.21E-29 9.68E-13 -7993.323 -9.03E-13
0.25000 -1.36E-11 7455.420 -9.03E-13
5.21E-29 1.19E-12 -9803.423 -9.10E-13
0.50000 -1.36E-11 7514.157 -9.10E-13
5.21E-29 1.41E-12 -11627.841 -9.10E-13
0.75000 -1.36E-11 7572.895 -9.17E-13
5.21E-29 1.63E-12 -13466.575 -9.24E-13
1.00000 -1.36E-11 7631.633 -9.24E-13
5.21E-29 1.86E-12 -15319.627

COMB SVB08 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.09E-11 5758.212 260.972000
393.154000 -278.979068 -6241.799 260.972000
0.25000 -1.09E-11 5816.950 260.972000
393.154000 -342.590993 -7652.522 260.972000
0.50000 -1.09E-11 5875.687 260.972000
393.154000 -406.202918 -9077.562 260.972000
0.75000 -1.09E-11 5934.425 260.972000
393.154000 -469.814843 -10516.919 260.972000
1.00000 -1.09E-11 5993.163 260.972000
393.154000 -533.426768 -11970.594

COMB SVB08 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.09E-11 5758.212 260.972000
393.154000 -278.979068 -6241.799 260.972000
0.25000 -1.09E-11 5816.950 260.972000
393.154000 -342.590993 -7652.522 260.972000
0.50000 -1.09E-11 5875.687 260.972000
393.154000 -406.202918 -9077.562 260.972000
0.75000 -1.09E-11 5934.425 260.972000
393.154000 -469.814843 -10516.919 260.972000
1.00000 -1.09E-11 5993.163 260.972000
393.154000 -533.426768 -11970.594

COMB SVB09 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.09E-11 5758.212 -6.97E-13
4.10E-29 7.56E-13 -6241.799 -7.04E-13
0.25000 -1.09E-11 5816.950 -7.04E-13
4.10E-29 9.27E-13 -7652.522 -7.12E-13
0.50000 -1.09E-11 5875.687 -7.12E-13
4.10E-29 1.10E-12 -9077.562 -7.19E-13
0.75000 -1.09E-11 5934.425 -7.19E-13
4.10E-29 1.27E-12 -10516.919 -7.19E-13
1.00000 -1.09E-11 5993.163 -7.26E-13
4.10E-29 1.45E-12 -11970.594 -7.26E-13

COMB SVB09 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.09E-11 5758.212 -6.97E-13
4.10E-29 7.56E-13 -6241.799 -7.04E-13
0.25000 -1.09E-11 5816.950 -7.04E-13
4.10E-29 9.27E-13 -7652.522 -7.12E-13
0.50000 -1.09E-11 5875.687 -7.12E-13
4.10E-29 1.10E-12 -9077.562 -7.19E-13
0.75000 -1.09E-11 5934.425 -7.19E-13
4.10E-29 1.27E-12 -10516.919 -7.19E-13
1.00000 -1.09E-11 5993.163 -7.26E-13
4.10E-29 1.45E-12 -11970.594 -7.26E-13

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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

0.75000 -1.09E-11 5934.425 14.299697
1.64E-11 -22.412450 -10516.919
1.00000 -1.09E-11 5993.163
1.64E-11 -26.041174 -11970.594
COMB SVB15 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -1.09E-11 5758.212 10.775438
1.64E-11 -13.244354 -6241.799
0.25000 -1.09E-11 5816.950 11.950191
1.64E-11 -16.014040 -7652.522
0.50000 -1.09E-11 5875.687 13.124944
1.64E-11 -19.070072 -9077.562
0.75000 -1.09E-11 5934.425 14.299697
1.64E-11 -22.412450 -10516.919
1.00000 -1.09E-11 5993.163 15.474450
1.64E-11 -26.041174 -11970.594
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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 ULB01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -2.01E-11 11008.396 -1.33E-12
7.71E-29 1.44E-12 -11880.116
0.25000 -2.01E-11 11084.745 -1.34E-12
7.71E-29 1.76E-12 -14572.717
0.50000 -2.01E-11 11161.104 -1.35E-12
7.71E-29 2.09E-12 -17283.929
0.75000 -2.01E-11 11237.463 -1.36E-12
7.71E-29 2.42E-12 -20013.755
1.00000 -2.01E-11 11313.822 -1.37E-12
7.71E-29 2.76E-12 -22762.193

COMB ULB01 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -2.01E-11 11008.396 -1.33E-12
7.71E-29 1.44E-12 -11880.116
0.25000 -2.01E-11 11084.745 -1.34E-12
7.71E-29 1.76E-12 -14572.717
0.50000 -2.01E-11 11161.104 -1.35E-12
7.71E-29 2.09E-12 -17283.929
0.75000 -2.01E-11 11237.463 -1.36E-12
7.71E-29 2.42E-12 -20013.755
1.00000 -2.01E-11 11313.822 -1.37E-12
7.71E-29 2.76E-12 -22762.193

COMB ULB02 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.42E-11 7485.675 -0.907E-13
5.33E-29 9.83E-13 -8114.339 -0.916E-13
0.25000 -1.42E-11 7562.034 -0.916E-13
5.33E-29 1.20E-12 -9948.278 -0.925E-13
0.50000 -1.42E-11 7638.393 -0.925E-13
5.33E-29 1.43E-12 -11800.831 -0.934E-13
0.75000 -1.42E-11 7714.752 -0.934E-13
5.33E-29 1.66E-12 -13671.995 -0.944E-13
1.00000 -1.42E-11 7791.111 -0.944E-13
5.33E-29 1.88E-12 -15561.772

COMB ULB02 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.42E-11 7485.675 -0.907E-13
5.33E-29 9.83E-13 -8114.339 -0.916E-13
0.25000 -1.42E-11 7562.034 -0.916E-13
5.33E-29 1.20E-12 -9948.278 -0.925E-13
0.50000 -1.42E-11 7638.393 -0.925E-13
5.33E-29 1.43E-12 -11800.831 -0.934E-13
0.75000 -1.42E-11 7714.752 -0.934E-13
5.33E-29 1.66E-12 -13671.995 -0.944E-13
1.00000 -1.42E-11 7791.111 -0.944E-13
5.33E-29 1.88E-12 -15561.772

COMB ULB03 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.42E-11 7485.675 28.016138
4.26E-11 -34.435320 -8114.339 31.070496
0.25000 -1.42E-11 7562.034 31.070496
4.26E-11 -41.636503 -9948.278 34.124854
0.50000 -1.42E-11 7638.393 34.124854
4.26E-11 -49.582187 -11800.831 37.179212
0.75000 -1.42E-11 7714.752 37.179212
4.26E-11 -58.272370 -13671.995 40.233570
1.00000 -1.42E-11 7791.111 40.233570
4.26E-11 -67.707052 -15561.772

COMB ULB03 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.42E-11 7485.675 28.016138
4.26E-11 -34.435320 -8114.339 31.070496
0.25000 -1.42E-11 7562.034 31.070496
4.26E-11 -41.636503 -9948.278 34.124854
0.50000 -1.42E-11 7638.393 34.124854
4.26E-11 -49.582187 -11800.831 37.179212
0.75000 -1.42E-11 7714.752 37.179212
4.26E-11 -58.272370 -13671.995 40.233570
1.00000 -1.42E-11 7791.111 40.233570
4.26E-11 -67.707052 -15561.772

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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 ULB04 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.77E-11 9615.686 14.008069
2.13E-11 -17.217660 -10391.321
0.25000 -1.77E-11 9692.045 15.535248
2.13E-11 -20.818252 -12744.450
0.50000 -1.77E-11 9768.404 17.062427
2.13E-11 -24.791093 -15116.193
0.75000 -1.77E-11 9844.763 18.589606
2.13E-11 -29.136185 -17506.547
1.00000 -1.77E-11 9921.122 20.116785
2.13E-11 -33.853526 -19915.515

COMB ULB04 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.77E-11 9615.686 14.008069
2.13E-11 -17.217660 -10391.321
0.25000 -1.77E-11 9692.045 15.535248
2.13E-11 -20.818252 -12744.450

0.50000 -1.77E-11 9768.404 17.062427
2.13E-11 -24.791093 -15116.193
0.75000 -1.77E-11 9844.763 18.589606
2.13E-11 -29.136185 -17506.547
1.00000 -1.77E-11 9921.122 20.116785
2.13E-11 -33.853526 -19915.515
COMB ULB05 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 -1.42E-11 7485.675 14.008069
2.13E-11 -17.217660 -8114.339
0.25000 -1.42E-11 7562.034 15.535248
2.13E-11 -20.818252 -9948.278
0.50000 -1.42E-11 7638.393 17.062427
2.13E-11 -24.791093 -11800.831
0.75000 -1.42E-11 7714.752 18.589606
2.13E-11 -29.136185 -13671.995
1.00000 -1.42E-11 7791.111 20.116785
2.13E-11 -33.853526 -15561.772

COMB ULB05 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.42E-11 7485.675 14.008069
2.13E-11 -17.217660 -8114.339
0.25000 -1.42E-11 7562.034 15.535248
2.13E-11 -20.818252 -9948.278
0.50000 -1.42E-11 7638.393 17.062427
2.13E-11 -24.791093 -11800.831
0.75000 -1.42E-11 7714.752 18.589606
2.13E-11 -29.136185 -13671.995
1.00000 -1.42E-11 7791.111 20.116785
2.13E-11 -33.853526 -15561.772

COMB ULB06 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.77E-11 9615.686 339.263600
511.100200 -362.672788 -10391.321
0.25000 -1.77E-11 9692.045 339.263600
511.100200 -445.368291 -12744.450
0.50000 -1.77E-11 9768.404 339.263600
511.100200 -528.063793 -15116.193
0.75000 -1.77E-11 9844.763 339.263600
511.100200 -610.759296 -17506.547
1.00000 -1.77E-11 9921.122 339.263600
511.100200 -693.454798 -19915.515

COMB ULB06 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.77E-11 9615.686 339.263600
511.100200 -362.672788 -10391.321
0.25000 -1.77E-11 9692.045 339.263600
511.100200 -445.368291 -12744.450
0.50000 -1.77E-11 9768.404 339.263600
511.100200 -528.063793 -15116.193
0.75000 -1.77E-11 9844.763 339.263600
511.100200 -610.759296 -17506.547
1.00000 -1.77E-11 9921.122 339.263600
511.100200 -693.454798 -19915.515
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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 ULB07 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.77E-11 9615.686 -1.16E-12
6.77E-29 1.26E-12 -10391.321 -1.16E-12
0.25000 -1.77E-11 9692.045 -1.17E-12
6.77E-29 1.54E-12 -12744.450 -1.18E-12
0.50000 -1.77E-11 9768.404 -1.18E-12
6.77E-29 1.83E-12 -15116.193 -1.19E-12
0.75000 -1.77E-11 9844.763 -1.19E-12
6.77E-29 2.12E-12 -17506.547 -1.20E-12
1.00000 -1.77E-11 9921.122 -1.20E-12
6.77E-29 2.41E-12 -19915.515

COMB ULB07 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.77E-11 9615.686 -1.16E-12
6.77E-29 1.26E-12 -10391.321 -1.16E-12
0.25000 -1.77E-11 9692.045 -1.17E-12
6.77E-29 1.54E-12 -12744.450 -1.18E-12
0.50000 -1.77E-11 9768.404 -1.18E-12
6.77E-29 1.83E-12 -15116.193 -1.19E-12
0.75000 -1.77E-11 9844.763 -1.19E-12
6.77E-29 2.12E-12 -17506.547 -1.20E-12
1.00000 -1.77E-11 9921.122 -1.20E-12
6.77E-29 2.41E-12 -19915.515

COMB ULB08 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.42E-11 7485.675 339.263600
511.100200 -362.672788 -8114.339 339.263600
0.25000 -1.42E-11 7562.034 339.263600
511.100200 -445.368291 -9948.278 339.263600
0.50000 -1.42E-11 7638.393 339.263600
511.100200 -528.063793 -11800.831 339.263600
0.75000 -1.42E-11 7714.752 339.263600
511.100200 -610.759296 -13671.995 339.263600
1.00000 -1.42E-11 7791.111 339.263600
511.100200 -693.454798 -15561.772

COMB ULB08 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.42E-11 7485.675 339.263600
511.100200 -362.672788 -8114.339 339.263600
0.25000 -1.42E-11 7562.034 339.263600
511.100200 -445.368291 -9948.278 339.263600
0.50000 -1.42E-11 7638.393 339.263600
511.100200 -528.063793 -11800.831 339.263600
0.75000 -1.42E-11 7714.752 339.263600
511.100200 -610.759296 -13671.995 339.263600
1.00000 -1.42E-11 7791.111 339.263600
511.100200 -693.454798 -15561.772

COMB ULB09 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.42E-11 7485.675 -0.907E-13
5.33E-29 9.83E-13 -8114.339 -0.916E-13
0.25000 -1.42E-11 7562.034 -0.916E-13
5.33E-29 1.20E-12 -9948.278 -0.925E-13
0.50000 -1.42E-11 7638.393 -0.925E-13
5.33E-29 1.43E-12 -11800.831 -0.934E-13
0.75000 -1.42E-11 7714.752 -0.934E-13
5.33E-29 1.66E-12 -13671.995 -0.944E-13
1.00000 -1.42E-11 7791.111 -0.944E-13
5.33E-29 1.88E-12 -15561.772

COMB ULB09 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -1.42E-11 7485.675 -9.07E-13
5.33E-29 9.83E-13 -8114.339 -9.16E-13
0.25000 -1.42E-11 7562.034 -9.16E-13
5.33E-29 1.20E-12 -9948.278 -9.25E-13
0.50000 -1.42E-11 7638.393 -9.25E-13
5.33E-29 1.43E-12 -11800.831 -9.34E-13
0.75000 -1.42E-11 7714.752 -9.34E-13
5.33E-29 1.66E-12 -13671.995 -9.44E-13
1.00000 -1.42E-11 7791.111 -9.44E-13
5.33E-29 1.88E-12 -15561.772
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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 ULB10 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.36E-11 7197.765 353.153594
491.442500 -381.834720 -7802.249
0.25000 -1.36E-11 7271.187 356.090477
491.442500 -468.273841 -9565.652
0.50000 -1.36E-11 7344.609 359.027359
491.442500 -555.428827 -11346.952
0.75000 -1.36E-11 7418.031 361.964242
491.442500 -643.299678 -13146.149
1.00000 -1.36E-11 7491.453 364.901125
491.442500 -731.886395 -14963.243

COMB ULB10 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.36E-11 7197.765 353.153594
491.442500 -381.834720 -7802.249
0.25000 -1.36E-11 7271.187 356.090477
491.442500 -468.273841 -9565.652
0.50000 -1.36E-11 7344.609 359.027359
491.442500 -555.428827 -11346.952
0.75000 -1.36E-11 7418.031 361.964242
491.442500 -643.299678 -13146.149
1.00000 -1.36E-11 7491.453 364.901125
491.442500 -731.886395 -14963.243

COMB ULB11 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.36E-11 7197.765 26.938594
4.09E-11 -33.110885 -7802.249 29.875477
0.25000 -1.36E-11 7271.187 29.875477
4.09E-11 -40.035099 -9565.652 32.812359
0.50000 -1.36E-11 7344.609 32.812359
4.09E-11 -47.675179 -11346.952 35.749242
0.75000 -1.36E-11 7418.031 35.749242
4.09E-11 -56.031125 -13146.149 38.686125
1.00000 -1.36E-11 7491.453 38.686125
4.09E-11 -65.102935 -14963.243

COMB ULB11 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.36E-11 7197.765 26.938594
4.09E-11 -33.110885 -7802.249 29.875477
0.25000 -1.36E-11 7271.187 29.875477
4.09E-11 -40.035099 -9565.652 32.812359
0.50000 -1.36E-11 7344.609 32.812359
4.09E-11 -47.675179 -11346.952 35.749242
0.75000 -1.36E-11 7418.031 35.749242
4.09E-11 -56.031125 -13146.149 38.686125
1.00000 -1.36E-11 7491.453 38.686125
4.09E-11 -65.102935 -14963.243

COMB ULB12 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.71E-11 9245.852 339.684297
491.442500 -365.279277 -9991.654
0.25000 -1.71E-11 9319.274 341.152738
491.442500 -448.256291 -12254.279 342.621180
0.50000 -1.71E-11 9392.696 342.621180
491.442500 -531.591237 -14534.801 344.089621
0.75000 -1.71E-11 9466.119 344.089621
1.00000 -1.71E-11 9539.541 345.558063
491.442500 -693.334927 -19149.533

COMB ULB12 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.71E-11 9245.852 339.684297
491.442500 -365.279277 -9991.654
0.25000 -1.71E-11 9319.274 341.152738
491.442500 -448.256291 -12254.279 342.621180
0.50000 -1.71E-11 9392.696 342.621180
491.442500 -531.591237 -14534.801 344.089621
0.75000 -1.71E-11 9466.119 344.089621
1.00000 -1.71E-11 9539.541 345.558063
491.442500 -693.334927 -19149.533
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COMB ULB13 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.71E-11 9245.852 13.469297
2.05E-11 -16.555442 -9991.654 14.937738
0.25000 -1.71E-11 9319.274 14.937738
2.05E-11 -20.017550 -12254.279 16.406180
0.50000 -1.71E-11 9392.696 16.406180
2.05E-11 -23.837590 -14534.801 17.874621
0.75000 -1.71E-11 9466.119 17.874621
2.05E-11 -28.015562 -16833.219 19.343063
1.00000 -1.71E-11 9539.541 19.343063
2.05E-11 -32.551467 -19149.533

COMB ULB13 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.71E-11 9245.852 13.469297
2.05E-11

3.93E-11 -31.786449 -7490.159 28.680458
0.25000 -1.31E-11 6980.339
3.93E-11 -38.433695 -9183.026 31.499865
0.50000 -1.31E-11 7050.825
3.93E-11 -45.768172 -10893.074
0.75000 -1.31E-11 7121.310 34.319273
3.93E-11 -53.789880 -12620.303 37.138680
1.00000 -1.31E-11 7191.795
3.93E-11 -62.498818 -14364.713
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FRAME ELEMENT INTERNAL FORCES

COMB UEB01 ----- MAX

REL DIST T P M2 M3 V3
0.00000 -1.68E-11 9280.922 -1.12E-12
6.48E-29 1.21E-12 -10007.577 -1.13E-12
0.25000 -1.68E-11 9339.660
6.48E-29 1.49E-12 -12276.960
0.50000 -1.68E-11 9398.398
6.48E-29 1.76E-12 -14560.661
0.75000 -1.68E-11 9457.135
6.48E-29 2.04E-12 -16858.679
1.00000 -1.68E-11 9515.873
6.48E-29 2.32E-12 -19171.014

COMB UEB01 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.68E-11 9280.922 -1.12E-12
6.48E-29 1.21E-12 -10007.577 -1.13E-12
0.25000 -1.68E-11 9339.660
6.48E-29 1.49E-12 -12276.960
0.50000 -1.68E-11 9398.398
6.48E-29 1.76E-12 -14560.661
0.75000 -1.68E-11 9457.135
6.48E-29 2.04E-12 -16858.679
1.00000 -1.68E-11 9515.873
6.48E-29 2.32E-12 -19171.014

COMB UEB02 ----- MAX

REL DIST T P M2 M3 V3
0.00000 -1.09E-11 5758.212 -6.97E-13
4.10E-29 7.56E-13 -6241.799 -7.04E-13
0.25000 -1.09E-11 5816.950
4.10E-29 9.27E-13 -7652.522
0.50000 -1.09E-11 5875.687
4.10E-29 1.10E-12 -9077.562
0.75000 -1.09E-11 5934.425
4.10E-29 1.27E-12 -10516.919
1.00000 -1.09E-11 5993.163
4.10E-29 1.45E-12 -11970.594

COMB UEB02 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.09E-11 5758.212 -6.97E-13
4.10E-29 7.56E-13 -6241.799 -7.04E-13
0.25000 -1.09E-11 5816.950
4.10E-29 9.27E-13 -7652.522
0.50000 -1.09E-11 5875.687
4.10E-29 1.10E-12 -9077.562
0.75000 -1.09E-11 5934.425
4.10E-29 1.27E-12 -10516.919
1.00000 -1.09E-11 5993.163
4.10E-29 1.45E-12 -11970.594

COMB UEB03 ----- MAX

REL DIST T P M2 M3 V3
0.00000 -1.09E-11 5758.212 28.016138
4.26E-11 -34.435320 -6241.799
0.25000 -1.09E-11 5816.950
4.26E-11 -41.636503 -7652.522
0.50000 -1.09E-11 5875.687 34.124854
4.26E-11 -49.582187 -9077.562
0.75000 -1.09E-11 5934.425
4.26E-11 -58.272370 -10516.919
1.00000 -1.09E-11 5993.163
4.26E-11 -67.707052 -11970.594

COMB UEB03 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.09E-11 5758.212 28.016138
4.26E-11 -34.435320 -6241.799
0.25000 -1.09E-11 5816.950
4.26E-11 -41.636503 -7652.522
0.50000 -1.09E-11 5875.687 34.124854
4.26E-11 -49.582187 -9077.562
0.75000 -1.09E-11 5934.425
4.26E-11 -58.272370 -10516.919
1.00000 -1.09E-11 5993.163
4.26E-11 -67.707052 -11970.594

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FRAME ELEMENT INTERNAL FORCES

COMB UEB04 ----- MAX

REL DIST T P M2 M3 V3
0.00000 -1.45E-11 7888.223 14.008069
2.13E-11 -17.217660 -8518.781
0.25000 -1.45E-11 7946.961
2.13E-11 -20.818252 -10448.694
0.50000 -1.45E-11 8005.698
2.13E-11 -24.791093 -12392.924
0.75000 -1.45E-11 8064.436
2.13E-11 -29.136185 -14351.472
1.00000 -1.45E-11 8123.174
2.13E-11 -33.853526 -16324.337

COMB UEB04 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.45E-11 7888.223 14.008069
2.13E-11 -17.217660 -8518.781
0.25000 -1.45E-11 7946.961
2.13E-11 -20.818252 -10448.694
0.50000 -1.45E-11 8005.698
2.13E-11 -24.791093 -12392.924
0.75000 -1.45E-11 8064.436
2.13E-11 -29.136185 -14351.472
1.00000 -1.45E-11 8123.174
2.13E-11 -33.853526 -16324.337

COMB UEB05 ----- MAX

REL DIST T P M2 M3 V3

0.00000 -1.09E-11 5758.212 14.008069
2.13E-11 -17.217660 -6241.799
0.25000 -1.09E-11 5816.950
2.13E-11 -20.818252 -7652.522
0.50000 -1.09E-11 5875.687
2.13E-11 -24.791093 -9077.562
0.75000 -1.09E-11 5934.425
2.13E-11 -29.136185 -10516.919
1.00000 -1.09E-11 5993.163
2.13E-11 -33.853526 -11970.594

COMB UEB05 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.09E-11 5758.212 14.008069
2.13E-11 -17.217660 -6241.799
0.25000 -1.09E-11 5816.950
2.13E-11 -20.818252 -7652.522
0.50000 -1.09E-11 5875.687
2.13E-11 -24.791093 -9077.562
0.75000 -1.09E-11 5934.425
2.13E-11 -29.136185 -10516.919
1.00000 -1.09E-11 5993.163
2.13E-11 -33.853526 -11970.594

COMB UEB06 ----- MAX

REL DIST T P M2 M3 V3
0.00000 -1.45E-11 7888.223 339.263600
511.100200 -362.672788 -8518.781
0.25000 -1.45E-11 7946.961
511.100200 -445.368291 -7652.522
0.50000 -1.45E-11 8005.698
511.100200 -528.063793 -12392.924
0.75000 -1.45E-11 8064.436
511.100200 -610.759296 -14351.472
1.00000 -1.45E-11 8123.174
511.100200 -693.454798 -16324.337

COMB UEB06 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.45E-11 7888.223 339.263600
511.100200 -362.672788 -8518.781
0.25000 -1.45E-11 7946.961
511.100200 -445.368291 -7652.522
0.50000 -1.45E-11 8005.698
511.100200 -528.063793 -12392.924
0.75000 -1.45E-11 8064.436
511.100200 -610.759296 -14351.472
1.00000 -1.45E-11 8123.174
511.100200 -693.454798 -16324.337
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FRAME ELEMENT INTERNAL FORCES

COMB UEB07 ----- MAX

REL DIST T P M2 M3 V3
0.00000 -1.45E-11 7888.223 339.263600
5.54E-29 1.03E-12 -8518.781
0.25000 -1.45E-11 7946.961
5.54E-29 1.27E-12 -10448.694
0.50000 -1.45E-11 8005.698
5.54E-29 1.50E-12 -12392.924
0.75000 -1.45E-11 8064.436
5.54E-29 1.74E-12 -14351.472
1.00000 -1.45E-11 8123.174
5.54E-29 1.98E-12 -16324.337

COMB UEB07 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.45E-11 7888.223 339.263600
5.54E-29 1.03E-12 -8518.781
0.25000 -1.45E-11 7946.961
5.54E-29 1.27E-12 -10448.694
0.50000 -1.45E-11 8005.698
5.54E-29 1.50E-12 -12392.924
0.75000 -1.45E-11 8064.436
5.54E-29 1.74E-12 -14351.472
1.00000 -1.45E-11 8123.174
5.54E-29 1.98E-12 -16324.337

COMB UEB08 ----- MAX

REL DIST T P M2 M3 V3
0.00000 -1.09E-11 5758.212 339.263600
511.100200 -362.672788 -6241.799
0.25000 -1.09E-11 5816.950
511.100200 -445.368291 -7652.522
0.50000 -1.09E-11 5875.687
511.100200 -528.063793 -9077.562
0.75000 -1.09E-11 5934.425
511.100200 -610.759296 -10516.919
1.00000 -1.09E-11 5993.163
511.100200 -693.454798 -11970.594

COMB UEB08 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.09E-11 5758.212 339.263600
511.100200 -362.672788 -6241.799
0.25000 -1.09E-11 5816.950
511.100200 -445.368291 -7652.522
0.50000 -1.09E-11 5875.687
511.100200 -528.063793 -9077.562
0.75000 -1.09E-11 5934.425
511.100200 -610.759296 -10516.919
1.00000 -1.09E-11 5993.163
511.100200 -693.454798 -11970.594

COMB UEB09 ----- MAX

REL DIST T P M2 M3 V3
0.00000 -1.09E-11 5758.212 339.263600
4.10E-29 7.56E-13 -6241.799 -7.04E-13
0.25000 -1.09E-11 5816.950
4.10E-29 9.27E-13 -7652.522 -7.12E-13
0.50000 -1.09E-11 5875.687
4.10E-29 1.10E-12 -9077.562 -7.19E-13
0.75000 -1.09E-11 5934.425
4.10E-29 1.27E-12 -10516.919 -7.26E-13
1.00000 -1.09E-11 5993.163
4.10E-29 1.45E-12 -11970.594

COMB UEB09 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.09E-11 5758.212 339.263600
4.10E-29 7.56E-13 -6241.799 -7.04E-13
0.25000 -1.09E-11 5816.950
4.10E-29 9.27E-13 -7652.522 -7.12E-13
0.50000 -1.09E-11 5875.687
4.10E-29 1.10E-12 -9077.562

0.75000 -1.09E-11 5934.425 -7.19E-13
4.10E-29 1.27E-12 -10516.919
1.00000 -1.09E-11 5993.163 -7.26E-13
4.10E-29 1.45E-12 -11970.594
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COMB UEB10 ----- MAX

REL DIST T P M2 M3 V3
0.00000 -1.04E-11 5470.301 353.153594
491.442500 -381.834720 -5929.709
0.25000 -1.04E-11 5526.102
491.442500 -468.273841 -7269.896
0.50000 -1.04E-11 5581.903
491.442500 -555.428827 -8623.684
0.75000 -1.04E-11 5637.704
491.442500 -643.299678 -9991.073
1.00000 -1.04E-11 5693.504
491.442500 -731.886395 -11372.064

COMB UEB10 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.04E-11 5470.301 353.153594
491.442500 -381.834720 -5929.709
0.25000 -1.04E-11 5526.102
491.442500 -468.273841 -7269.896
0.50000 -1.04E-11 5581.903
491.442500 -555.428827 -8623.684
0.75000 -1.04E-11 5637.704
491.442500 -643.299678 -9991.073
1.00000 -1.04E-11 5693.504
491.442500 -731.886395 -11372.064

COMB UEB11 ----- MAX

REL DIST T P M2 M3 V3
0.00000 -1.04E-11 5470.301 26.938594
4.09E-11 -33.110885 -5929.709
0.25000 -1.04E-11 5526.102
4.09E-11 -40.030999 -7269.896
0.50000 -1.04E-11 5581.903
4.09E-11 -47.675179 -8623.684
0.75000 -1.04E-11 5637.704
4.09E-11 -56.031125 -9991.073
1.00000 -1.04E-11 5693.504
4.09E-11 -65.102935 -11372.064

COMB UEB11 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.04E-11 5470.301 26.938594
4.09E-11 -33.110885 -5929.709
0.25000 -1.04E-11 5526.102
4.09E-11 -40.030999 -7269.896
0.50000 -1.04E-11 5581.903
4.09E-11 -47.675179 -8623.684
0.75000 -1.04E-11 5637.704
4.09E-11 -56.031125 -9991.073
1.00000 -1.04E-11 5693.504
4.09E-11 -65.102935 -11372.064

COMB UEB12 ----- MAX

REL DIST T P M2 M3 V3
0.00000 -1.38E-11 7518.389 339.684297
491.442500 -365.279277 -8119.115
0.25000 -1.38E-11 7574.190
491.442500 -448.256291 -9958.523
0.50000 -1.38E-11 7629.990
491.442500 -531.591237 -11811.532
0.75000 -1.38E-11 7685.791
491.442500 -615.284116 -13678.143
1.00000 -1.38E-11 7741.592
491.442500 -699.334927 -15558.355

COMB UEB12 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.38E-11 7518.389 339.684297
491.442500 -365.279277 -8119.115
0.25000 -1.38E-11 7574.190
491.442500 -448.256291 -9958.523
0.50000 -1.38E-11 7629.990
491.442500 -531.591237 -11811.532
0.75000 -1.38E-11 7685.791
491.442500 -615.284116 -13678.143
1.00000 -1.38E-11 7741.592
491.442500 -699.334927 -15558.355

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FRAME ELEMENT INTERNAL FORCES

COMB UEB13 ----- MAX

REL DIST T P M2 M3 V3
0.00000 -1.38E-11 7518.389 13.469297
2.05E-11 -16.555442 -8119.115
0.25000 -1.38E-11 7574.190
2.05E-11 -20.017550 -9958.523
0.50000 -1.38E-11 7629.990
2.05E-11 -23.837590 -11811.532
0.75000 -1.38E-11 7685.791
2.05E-11 -28.015562 -13678.143
1.00000 -1.38E-11 7741.592
2.05E-11 -32.551467 -15558.355

COMB UEB13 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.38E-11 7518.389 13.469297
2.05E-11 -16.555442 -8119.115
0.25000 -1.38E-11 7574.190
2.05E-11 -20.017550 -9958.523
0.50000 -1.38E-11 7629.990
2.05E-11 -23.837590 -11811.532
0.75000 -1.38E-11 7685.791
2.05E-11 -28.015562 -13678.143
1.00000 -1.38E-11 7741.592
2.05E-11 -32.551467 -15558.355

COMB UEB14 ----- MAX

REL DIST T P M2 M3 V3
0.00000 -1.04E-11 5470.301 339.684297
491.442500 -365.279277 -8119.115
0.25000 -1.04E-11 5526.102
491.442500 -448.256291 -9958.523
0.50000 -1.04E-11 5581.903
491.442500 -555.428827 -8623.684
0.75000 -1.04E-11 5637.704
491.442500 -643.299678 -9991.073
1.00000 -1.04E-11 5693.504
491.442500 -731.886395 -11372.064

0.50000 -1.04E-11 5581.903 342.621180
491.442500 -531.591237 -8623.684
0.75000 -1.04E-11 5637.704
491.442500 -615.284116 -9991.073
1.00000 -1.04E-11 5693.504
491.442500 -699.334927 -11372.064

COMB UEB14 ----- MIN

REL DIST T P M2 M3 V3
0.00000 -1.04E-11 5470.301 339.684297
491.442500 -365.279277 -8119.115
0.25000 -1.04E-11 5526.102
491.442500 -448.256291 -9958.523
0.50000 -1.04E-11 5581.903
491.442500 -531.591237 -8623.684
0.75000 -1.04E-11 5637.704
491.442500 -615.284116 -9991.073
1.00000 -1.04E-11 5693.504
491.442500 -699.334927 -11372.064

COMB UEB15 ----- MAX

REL DIST T P M2 M3 V3
0.00000 -1.04E-11 5470.301 13.469297
2.05E-11 -16.555442 -8119.115
0.25000 -1.04E-11 5526.102
2.05E-11 -20.017550 -9958.523
0.50000 -1.04E-11 5581.903
2.05E-11 -23.837590 -11811.532
0.75000 -1.04E-11 5637.704
2.05E-11

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 SVO01 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	-1.46E-11			7396.682		-8.96E-13
5.21E-29	9.68E-13			-7939.323		-9.03E-13
0.25000	-1.46E-11			7455.420		
5.21E-29	1.19E-12			-9803.423		
0.50000	-1.46E-11			7514.157		-9.10E-13
5.21E-29	1.41E-12			-11627.841		
0.75000	-1.46E-11			7572.895		-9.17E-13
5.21E-29	1.63E-12			-13466.575		
1.00000	-1.46E-11			7631.633		-9.24E-13
5.21E-29	1.86E-12			-15319.627		

COMB SVO01 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-1.46E-11			7396.682		-8.96E-13
5.21E-29	9.68E-13			-7939.323		-9.03E-13
0.25000	-1.46E-11			7455.420		
5.21E-29	1.19E-12			-9803.423		
0.50000	-1.46E-11			7514.157		-9.10E-13
5.21E-29	1.41E-12			-11627.841		
0.75000	-1.46E-11			7572.895		-9.17E-13
5.21E-29	1.63E-12			-13466.575		
1.00000	-1.46E-11			7631.633		-9.24E-13
5.21E-29	1.86E-12			-15319.627		

COMB SVO02 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	-1.18E-11			5758.212		-6.97E-13
4.10E-29	7.57E-13			-6241.799		
0.25000	-1.18E-11			5816.950		-7.04E-13
4.10E-29	9.27E-13			-7652.522		
0.50000	-1.18E-11			5875.687		-7.12E-13
4.10E-29	1.10E-12			-9077.562		
0.75000	-1.18E-11			5934.425		-7.19E-13
4.10E-29	1.27E-12			-10516.919		
1.00000	-1.18E-11			5993.163		-7.26E-13
4.10E-29	1.45E-12			-11970.594		

COMB SVO02 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-1.18E-11			5758.212		-6.97E-13
4.10E-29	7.56E-13			-6241.799		
0.25000	-1.18E-11			5816.950		-7.04E-13
4.10E-29	9.27E-13			-7652.522		
0.50000	-1.18E-11			5875.687		-7.12E-13
4.10E-29	1.10E-12			-9077.562		
0.75000	-1.18E-11			5934.425		-7.19E-13
4.10E-29	1.27E-12			-10516.919		
1.00000	-1.18E-11			5993.163		-7.26E-13
4.10E-29	1.45E-12			-11970.594		

COMB SVO03 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	-246.509000			5758.212		-6.97E-13
5.37E-29	6.46E-13			-5480.988		
0.25000	-246.509000			5816.950		-7.04E-13
5.37E-29	8.35E-13			-6891.711		
0.50000	-246.509000			5875.687		-7.12E-13
5.37E-29	1.01E-12			-8316.751		
0.75000	-246.509000			5934.425		-7.19E-13
5.37E-29	1.12E-12			-9756.108		
1.00000	-246.509000			5993.163		-7.26E-13
5.37E-29	1.36E-12			-11209.783		

COMB SVO03 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-246.509000			5758.212		-6.97E-13
5.37E-29	6.46E-13			-5480.988		
0.25000	-246.509000			5816.950		-7.04E-13
5.37E-29	8.35E-13			-6891.711		
0.50000	-246.509000			5875.687		-7.12E-13
5.37E-29	1.01E-12			-8316.751		
0.75000	-246.509000			5934.425		-7.19E-13
5.37E-29	1.18E-12			-9756.108		
1.00000	-246.509000			5993.163		-7.26E-13
5.37E-29	1.36E-12			-11209.783		

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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	M3	V2	V3
0.00000	-149.254500			7396.682		-8.96E-13
6.02E-29	9.04E-13			-7460.961		
0.25000	-149.254500			7455.420		-9.03E-13
6.02E-29	1.12E-12			-9271.061		
0.50000	-149.254500			7514.157		-9.10E-13
6.02E-29	1.34E-12			-11095.478		
0.75000	-149.254500			7572.895		-9.17E-13
6.02E-29	1.57E-12			-12934.212		
1.00000	-149.254500			7631.633		-9.24E-13
6.02E-29	1.79E-12			-14787.264		

COMB SVO04 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-149.254500			7396.682		-8.96E-13
6.02E-29	9.04E-13			-7460.961		
0.25000	-149.254500			7455.420		-9.03E-13
6.02E-29	1.12E-12			-9271.061		
0.50000	-149.254500			7514.157		-9.10E-13
6.02E-29	1.34E-12			-11095.478		
0.75000	-149.254500			7572.895		-9.17E-13
6.02E-29	1.57E-12			-12934.212		
1.00000	-149.254500			7631.633		-9.24E-13
6.02E-29	1.79E-12			-14787.264		

COMB SVO05 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	-149.254500			5758.212		-6.97E-13
4.91E-29	6.91E-13			-5709.437		
0.25000	-149.254500			5816.950		-7.04E-13
4.91E-29	8.62E-13			-7120.159		
0.50000	-149.254500			5875.687		-7.12E-13
4.91E-29	1.03E-12			-8545.199		
0.75000	-149.254500			5934.425		-7.19E-13
4.91E-29	1.21E-12			-9984.557		
1.00000	-149.254500			5993.163		-7.26E-13

COMB SVO05 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-149.254500			5758.212		-6.97E-13
4.91E-29	6.91E-13			-5709.437		
0.25000	-149.254500			5816.950		-7.04E-13
4.91E-29	8.62E-13			-7120.159		
0.50000	-149.254500			5875.687		-7.12E-13
4.91E-29	1.03E-12			-8545.199		
0.75000	-149.254500			5934.425		-7.19E-13
4.91E-29	1.21E-12			-9984.557		
1.00000	-149.254500			5993.163		-7.26E-13
4.91E-29	1.39E-12			-11438.232		

COMB SVO06 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	7.28E-11			7396.682		-8.96E-13
5.64E-29	9.68E-13			-7993.323		
0.25000	7.28E-11			7455.420		-9.03E-13
5.64E-29	1.19E-12			-9803.423		
0.50000	7.28E-11			7514.157		-9.10E-13
5.64E-29	1.41E-12			-11627.841		
0.75000	7.28E-11			7572.895		-9.17E-13
5.64E-29	1.63E-12			-13466.575		
1.00000	7.28E-11			7631.633		-9.24E-13
5.64E-29	1.86E-12			-15319.627		

COMB SVO06 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	7.28E-11			7396.682		-8.96E-13
5.64E-29	9.68E-13			-7993.323		
0.25000	7.28E-11			7455.420		-9.03E-13
5.64E-29	1.19E-12			-9803.423		
0.50000	7.28E-11			7514.157		-9.10E-13
5.64E-29	1.41E-12			-11627.841		
0.75000	7.28E-11			7572.895		-9.17E-13
5.64E-29	1.63E-12			-13466.575		
1.00000	7.28E-11			7631.633		-9.24E-13
5.64E-29	1.86E-12			-15319.627		

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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 SVO07 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	-1.46E-11			7396.682		-8.96E-13
5.21E-29	9.68E-13			-7993.323		
0.25000	-1.46E-11			7455.420		-9.03E-13
5.21E-29	1.19E-12			-9803.423		
0.50000	-1.46E-11			7514.157		-9.10E-13
5.21E-29	1.41E-12			-11627.841		
0.75000	-1.46E-11			7572.895		-9.17E-13
5.21E-29	1.63E-12			-13466.575		
1.00000	-1.46E-11			7631.633		-9.24E-13
5.21E-29	1.86E-12			-15319.627		

COMB SVO07 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.00000	-1.46E-11			7396.682		-8.96E-13
5.21E-29	9.68E-13			-7993.323		
0.25000	-1.46E-11			7455.420		-9.03E-13
5.21E-29	1.19E-12			-9803.423		
0.50000	-1.46E-11			7514.157		-9.10E-13
5.21E-29	1.41E-12			-11627.841		
0.75000	-1.46E-11			7572.895		-9.17E-13
5.21E-29	1.63E-12			-13466.575		
1.00000	-1.46E-11			7631.633		-9.24E-13
5.21E-29	1.86E-12			-15319.627		

COMB SVO08 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.00000	7.55E-11			5758.212		-6.97E-13
4.54E-29	7.56E-13			-6241.799		
0.25000	7.55E-11			5816.950		-7.04E-13
4.54E-29	9.27E-13			-7652.522		
0.50000	7.55E-11			5875.687		-7.12E-13
4.54E-29	1.10E-12			-9077.562		
0.75000	7.55E-11			5934.425		-7.19E-13
4.54E-29	1.27E-12			-10516.919		
1.00000	7.55E-11			5993.163		-7.26E-13
4.54E-29	1.45E-12			-11970.594		

COMB SVO08 ----- MIN

REL DIST		P	V2	V3
T	M2	M3		
0.00000	7.55E-11	5758.212	-6.97E-13	
4.54E-29	7.56E-13	-6241.799		
0.25000	7.55E-11	5816.950	-7.04E-13	
4.54E-29	9.27E-13	-7652.522		
0.50000	7.55E-11	5875.687	-7.12E-13	
4.54E-29	1.10E-12	-9077.562		
0.75000	7.55E-11	5934.425	-7.19E-13	
4.54E-29	1.27E-12	-10931.811		
1.00000	7.55E-11	5989.163	-7.26E-13	
4.54E-29	1.45E-12	-11970.794		

REL DIST	P	V2	V3	0.50000	9.81E-11	7638.393	-9.25E-13	0.25000	-186.568125	9319.274	-1.13E-12	6.77E-29	2.41E-12	-19915.515	
T	M2	M3		5.90E-29	1.43E-12	-11800.831		7.52E-29	1.40E-12	-11588.826		COMB	ULO18	-----	MAX
0.00000	-194.030850	9615.686	-1.16E-12	0.75000	9.81E-11	7714.752	-9.34E-13	0.50000	-186.568125	9392.696	-1.14E-12				
7.82E-29	1.17E-12	-9699.249		5.90E-29	1.66E-12	-13671.995		0.75000	-186.568125	9466.119	-1.15E-12	REL DIST	P	V2	V3
0.25000	-194.030850	9692.045	-1.17E-12	1.00000	9.81E-11	7791.111	-9.44E-13	7.52E-29	1.96E-12	-16167.766		T	M2	M3	
7.82E-29	1.46E-12	-12052.379		5.90E-29	1.88E-12	-15561.772		1.00000	-186.568125	9539.541	-1.16E-12	0.00000	-295.810800	6909.854	-8.37E-13
0.50000	-194.030850	9768.404	-1.18E-12	COMB	ULO09	-----	MAX	7.52E-29	2.24E-12	-18484.080		6.44E-29	7.97E-13	-6577.186	
7.82E-29	1.75E-12	-14424.121		REL DIST	T	P	V2	0.25000	-186.568125	9245.852		0.25000	-295.810800	6980.339	-8.45E-13
0.75000	-194.030850	9844.763	-1.19E-12	T	M2	M3	V3	0.25000	-186.568125	9319.274	MIN	6.44E-29	1.00E-12	-8270.053	
7.82E-29	2.04E-12	-16814.476		0.00000	-1.54E-11	7485.675	-9.07E-13	7.52E-29	1.40E-12	-11588.826		0.50000	-295.810800	7050.825	-8.54E-13
1.00000	-194.030850	9921.122	-1.20E-12	5.34E-29	9.83E-13	-8114.339		0.00000	-1.54E-11	7562.034	-1.12E-12	6.44E-29	1.21E-12	-9980.101	
7.82E-29	2.33E-12	-19223.444		5.34E-29	1.20E-12	-9948.278	-9.16E-13	0.25000	-1.54E-11	7562.034		0.75000	-295.810800	7121.310	-8.62E-13
				0.50000	-1.54E-11	7638.393	-9.25E-13	7.52E-29	1.40E-12	-11588.826	-1.13E-12	6.44E-29	1.42E-12	-11707.330	
REL DIST	P	V2	V3	5.34E-29	1.43E-12	-11800.831	-9.34E-13	0.50000	-186.568125	9392.696	-1.14E-12	COMB	ULO18	-----	MIN
0.00000	-194.030850	9615.686	-1.16E-12	0.75000	-1.54E-11	7714.752	-9.44E-13	7.52E-29	1.68E-12	-13869.348		REL DIST	P	V2	V3
7.82E-29	1.17E-12	-9699.249		1.00000	-1.54E-11	7791.111	-9.44E-13	0.75000	-186.568125	9466.119	-1.15E-12	T	M2	M3	
0.25000	-194.030850	9692.045	-1.17E-12	5.34E-29	1.88E-12	-15561.772		7.52E-29	1.96E-12	-16167.766		0.00000	-295.810800	6909.854	-8.37E-13
7.82E-29	1.46E-12	-12052.379		COMB	ULO09	-----	MIN	1.00000	-186.568125	9539.541	-1.16E-12	6.44E-29	7.97E-13	-6577.186	
0.50000	-194.030850	9768.404	-1.18E-12	REL DIST	T	P	V2	0.25000	-186.568125	9245.852		0.25000	-295.810800	6980.339	-8.45E-13
7.82E-29	1.75E-12	-14424.121		T	M2	M3	V3	0.25000	-186.568125	9319.274	MAX	6.44E-29	1.00E-12	-8270.053	
0.75000	-194.030850	9844.763	-1.19E-12	0.00000	-1.54E-11	7485.675	-9.07E-13	7.52E-29	1.40E-12	-11588.826		0.50000	-295.810800	7050.825	-8.54E-13
7.82E-29	2.04E-12	-16814.476		5.34E-29	9.83E-13	-8114.339	-9.16E-13	0.00000	-1.54E-11	7562.034	-8.72E-13	6.44E-29	1.21E-12	-9980.101	
1.00000	-194.030850	9921.122	-1.20E-12	5.34E-29	1.20E-12	-9948.278	-9.25E-13	6.68E-29	2.96E-13	-7136.796		0.75000	-295.810800	7121.310	-8.62E-13
7.82E-29	2.33E-12	-19223.444		0.50000	-1.54E-11	7638.393	-9.25E-13	0.25000	-1.54E-11	7562.034	-8.81E-13	6.44E-29	1.42E-12	-11707.330	
COMB	ULO05	-----	MAX	5.34E-29	1.43E-12	-11800.831	-9.34E-13	0.50000	-186.568125	9392.696	-1.14E-12	1.00000	-295.810800	7191.795	-8.71E-13
REL DIST	P	V2	V3	0.75000	-1.54E-11	7714.752	-9.44E-13	0.50000	-186.568125	9466.119	-1.15E-12	6.44E-29	1.63E-12	-13451.740	
0.00000	-194.030850	9615.686	-1.16E-12	1.00000	-1.54E-11	7791.111	-9.44E-13	0.75000	-186.568125	9466.119	-1.15E-12	Program	SAP2000	Nonlinear	Version 7.42
7.82E-29	1.17E-12	-9699.249		5.34E-29	1.88E-12	-15561.772		1.00000	-186.568125	9539.541	-1.16E-12	File:청도1교하행_P9_본체.OUT			
0.25000	-194.030850	9692.045	-1.17E-12	COMB	ULO05	-----	MAX	6.68E-29	1.73E-12	-14297.789	-9.07E-13				
7.82E-29	1.46E-12	-12052.379		REL DIST	T	P	V2	0.25000	-186.568125	9245.852					
0.50000	-194.030850	9768.404	-1.18E-12	T	M2	M3	V3	0.25000	-186.568125	9319.274	MIN				
7.82E-29	1.75E-12	-14424.121		0.00000	-1.54E-11	7485.675	-9.07E-13	7.52E-29	1.40E-12	-11588.826					
0.75000	-194.030850	9844.763	-1.19E-12	5.34E-29	9.83E-13	-8114.339	-9.16E-13	0.00000	-1.54E-11	7562.034	-8.72E-13				
7.82E-29	2.04E-12	-16814.476		5.34E-29	1.20E-12	-9948.278	-9.25E-13	6.68E-29	2.96E-13	-7136.796					
1.00000	-194.030850	9921.122	-1.20E-12	0.50000	-1.54E-11	7638.393	-9.25E-13	0.25000	-1.54E-11	7562.034	-8.81E-13				
7.82E-29	2.33E-12	-19223.444		5.34E-29	1.43E-12	-11800.831	-9.34E-13	0.50000	-186.568125	9392.696	-1.14E-12				
COMB	ULO05	-----	MAX	0.75000	-1.54E-11	7714.752	-9.44E-13	0.50000	-186.568125	9466.119	-1.15E-12				
REL DIST	P	V2	V3	1.00000	-1.54E-11	7791.111	-9.44E-13	0.75000	-186.568125	9466.119	-1.15E-12				
0.00000	-194.030850	9615.686	-1.16E-12	5.34E-29	1.88E-12	-15561.772		1.00000	-186.568125	9539.541	-1.16E-12				
7.82E-29	1.17E-12	-9699.249		COMB	ULO05	-----	MAX	6.68E-29	1.73E-12	-14297.789	-9.07E-13				
0.25000	-194.030850	9692.045	-1.17E-12	REL DIST	T	P	V2	0.25000	-186.568125	9245.852					
7.82E-29	1.46E-12	-12052.379		T	M2	M3	V3	0.25000	-186.568125	9319.274	MIN				
0.50000	-194.030850	9768.404	-1.18E-12	0.00000	-1.54E-11	7485.675	-9.07E-13	7.52E-29	1.40E-12	-11588.826					
7.82E-29	1.75E-12	-14424.121		5.34E-29	9.83E-13	-8114.339	-9.16E-13	0.00000	-1.54E-11	7562.034	-8.72E-13				
0.75000	-194.030850	9844.763	-1.19E-12	5.34E-29	1.20E-12	-9948.278	-9.25E-13	6.68E-29	2.96E-13	-7136.796					
7.82E-29	2.04E-12	-16814.476		0.50000	-1.54E-11	7638.393	-9.25E-13	0.25000	-1.54E-11	7562.034	-8.81E-13				
1.00000	-194.030850	9921.122	-1.20E-12	5.34E-29	1.43E-12	-11800.831	-9.34E-13	0.50000	-186.568125	9392.696	-1.14E-12				
7.82E-29	2.33E-12	-19223.444		0.75000	-1.54E-11	7714.752	-9.44E-13	0.50000	-186.568125	9466.119	-1.15E-12				
COMB	ULO05	-----	MAX	1.00000	-1.54E-11	7791.111	-9.44E-13	0.75000	-186.568125	9466.119	-1.15E-12				
REL DIST	P	V2	V3	5.34E-29	1.88E-12	-15561.772		1.00000	-186.568125	9539.541	-1.16E-12				
0.00000	-194.030850	9615.686	-1.16E-12	COMB	ULO05	-----	MAX	6.68E-29	1.73E-12	-14297.789	-9.07E-13				
7.82E-29	1.17E-12	-9699.249		REL DIST	T	P	V2	0.25000	-186.568125	9245.852					
0.25000	-194.030850	9692.045	-1.17E-12	T	M2	M3	V3	0.25000	-186.568125	9319.274	MIN				
7.82E-29	1.46E-12	-12052.379		0.00000	-1.54E-11	7485.675	-9.07E-13	7.52E-29	1.40E-12	-11588.826					
0.50000	-194.030850	9768.404	-1.18E-12	5.34E-29	9.83E-13	-8114.339	-9.16E-13	0.00000	-1.54E-11	7562.034	-8.72E-13				
7.82E-29	1.75E-12	-14424.121		5.34E-29	1.20E-12	-9948.278	-9.25E-13	6.68E-29	2.96E-13	-7136.796					
0.75000	-194.030850	9844.763	-1.19E-12	0.50000	-1.54E-11	7638.393	-9.25E-13	0.25000	-1.54E-11	7562.034	-8.81E-13				
7.82E-29	2.04E-12	-16814.476		5.34E-29	1.43E-12	-11800.831	-9.34E-13	0.50000	-186.568125	9392.696	-1.14E-12				
1.00000	-194.030850	9921.122	-1.20E-12	0.75000	-1.54E-11	7714.752	-9.44E-13	0.50000	-186.568125	9466.119	-1.15E-12				
7.82E-29	2.33E-12	-19223.444		1.00000	-1.54E-11	7791.111	-9.44E-13	0.75000	-186.568125	9466.119	-1.15E-12				
COMB	ULO05	-----	MAX	5.34E-29	1.88E-12	-15561.772		1.00000	-186.568125	9539.541	-1.16E-12				
REL DIST	P	V2	V3	COMB	ULO05	-----	MAX	6.68E-29	1.73E-12	-14297.789	-9.07E-13				
0.00000	-194.030850	9615.686	-1.16E-12	REL DIST	T	P	V2	0.25000	-186.568125	9245.852					
7.82E-29	1.17E-12	-9699.249		T	M2	M3	V3	0.25000	-186.568125	9319.274	MIN				
0.25000	-194.030850	9692.045	-1.17E-12	0.00000	-1.54E-11	7485.675	-9.07E-13	7.52E-29	1.40E-12	-11588.826					
7.82E-29	1.46E-12	-12052.379		5.34E-29	9.83E-13	-8114.339	-9.16E-13	0.00000	-1.54E-11	7562.034	-8.72E-13				
0.50000	-194.030850	9768.404	-1.18E-12	5.34E-29	1.20E-12	-9948.278	-9.25E-13	6.68E-29	2.96E-13	-7136.796					
7.82E-29	1.75E-12	-14424.121		0.50000	-1.54E-11	7638.393	-9.25E-13	0.25000	-1.54E-11	7562.034	-8.81E-13				
0.75000	-194.030850	9844.763	-1.19E-12	5.34E-29	1.43E-12	-11800.831	-9.34E-13	0.50000	-186.568125	9392.696	-1.14E-12				
7.82E-29	2.04E-12	-16814.476		0.75000	-1.54E-11	7714.752	-9.44E-13	0.50000	-186.568125	9466.119	-1.15E-12				
1.00000	-194.030850	9921.122	-1.20E-12	1.00000	-1.54E-11	7791.111	-9.44E-13	0.75000	-186.568125	9466.119	-1.15E-12				
7.82E-29	2.33E-12	-19223.444		5.34E-29	1.88E-12	-15561.772		1.00000	-186.568125	9539.541	-1.16E-12				
COMB	ULO05	-----	MAX	COMB	ULO05	-----	MAX	6.68E-29	1.73E-12	-14297.789	-9.07E-13				
REL DIST	P	V2	V3	REL DIST	T	P	V2	0.25000	-186.568125	9					

6.59E-29	1.65E-12	-13659.400		
1.00000	-194.030850	8123.174	-9.84E-13	
6.59E-29	1.89E-12	-15632.265		
COMB	UEO04	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-194.030850	7888.223	-9.55E-13	
6.59E-29	9.49E-13	-7806.719		
0.25000	-194.030850	7946.961	-9.62E-13	
6.59E-29	1.18E-12	-9756.623		
0.50000	-194.030850	8005.698	-9.70E-13	
6.59E-29	1.42E-12	-11700.853		
0.75000	-194.030850	8064.436	-9.77E-13	
6.59E-29	1.65E-12	-13659.400		
1.00000	-194.030850	8123.174	-9.84E-13	
6.59E-29	1.89E-12	-15632.265		

COMB	UEO05	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-194.030850	5758.212	-6.97E-13	
5.16E-29	6.72E-13	-5549.728		
0.25000	-194.030850	5816.950	-7.04E-13	
5.16E-29	8.43E-13	-6960.451		
0.50000	-194.030850	5875.687	-7.12E-13	
5.16E-29	1.02E-12	-8385.491		
0.75000	-194.030850	5934.425	-7.19E-13	
5.16E-29	1.19E-12	-9824.848		
1.00000	-194.030850	5993.163	-7.26E-13	
5.16E-29	1.37E-12	-11278.523		

COMB	UEO05	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-194.030850	5758.212	-6.97E-13	
5.16E-29	6.72E-13	-5549.728		
0.25000	-194.030850	5816.950	-7.04E-13	
5.16E-29	8.43E-13	-6960.451		
0.50000	-194.030850	5875.687	-7.12E-13	
5.16E-29	1.02E-12	-8385.491		
0.75000	-194.030850	5934.425	-7.19E-13	
5.16E-29	1.19E-12	-9824.848		
1.00000	-194.030850	5993.163	-7.26E-13	
5.16E-29	1.37E-12	-11278.523		

COMB	UEO06	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-194.030850	5758.212	-6.97E-13	
5.16E-29	6.72E-13	-5549.728		
0.25000	-194.030850	5816.950	-7.04E-13	
5.16E-29	8.43E-13	-6960.451		
0.50000	-194.030850	5875.687	-7.12E-13	
5.16E-29	1.02E-12	-8385.491		
0.75000	-194.030850	5934.425	-7.19E-13	
5.16E-29	1.19E-12	-9824.848		
1.00000	-194.030850	5993.163	-7.26E-13	
5.16E-29	1.37E-12	-11278.523		

COMB	UEO06	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-194.030850	5758.212	-6.97E-13	
5.16E-29	6.72E-13	-5549.728		
0.25000	-194.030850	5816.950	-7.04E-13	
5.16E-29	8.43E-13	-6960.451		
0.50000	-194.030850	5875.687	-7.12E-13	
5.16E-29	1.02E-12	-8385.491		
0.75000	-194.030850	5934.425	-7.19E-13	
5.16E-29	1.19E-12	-9824.848		
1.00000	-194.030850	5993.163	-7.26E-13	
5.16E-29	1.37E-12	-11278.523		

COMB	UEO07	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-194.030850	5758.212	-6.97E-13	
5.16E-29	6.72E-13	-5549.728		
0.25000	-194.030850	5816.950	-7.04E-13	
5.16E-29	8.43E-13	-6960.451		
0.50000	-194.030850	5875.687	-7.12E-13	
5.16E-29	1.02E-12	-8385.491		
0.75000	-194.030850	5934.425	-7.19E-13	
5.16E-29	1.19E-12	-9824.848		
1.00000	-194.030850	5993.163	-7.26E-13	
5.16E-29	1.37E-12	-11278.523		

COMB	UEO07	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-194.030850	5758.212	-6.97E-13	
5.16E-29	6.72E-13	-5549.728		
0.25000	-194.030850	5816.950	-7.04E-13	
5.16E-29	8.43E-13	-6960.451		
0.50000	-194.030850	5875.687	-7.12E-13	
5.16E-29	1.02E-12	-8385.491		
0.75000	-194.030850	5934.425	-7.19E-13	
5.16E-29	1.19E-12	-9824.848		
1.00000	-194.030850	5993.163	-7.26E-13	
5.16E-29	1.37E-12	-11278.523		

COMB	UEO08	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-194.030850	5758.212	-6.97E-13	
5.16E-29	6.72E-13	-5549.728		
0.25000	-194.030850	5816.950	-7.04E-13	
5.16E-29	8.43E-13	-6960.451		
0.50000	-194.030850	5875.687	-7.12E-13	
5.16E-29	1.02E-12	-8385.491		
0.75000	-194.030850	5934.425	-7.19E-13	
5.16E-29	1.19E-12	-9824.848		
1.00000	-194.030850	5993.163	-7.26E-13	
5.16E-29	1.37E-12	-11278.523		

COMB	UEO08	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-194.030850	5758.212	-6.97E-13	
5.16E-29	6.72E-13	-5549.728		
0.25000	-194.030850	5816.950	-7.04E-13	
5.16E-29	8.43E-13	-6960.451		
0.50000	-194.030850	5875.687	-7.12E-13	
5.16E-29	1.02E-12	-8385.491		
0.75000	-194.030850	5934.425	-7.19E-13	
5.16E-29	1.19E-12	-9824.848		
1.00000	-194.030850	5993.163	-7.26E-13	
5.16E-29	1.37E-12	-11278.523		

COMB	UEO09	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-194.030850	5758.212	-6.97E-13	
5.16E-29	6.72E-13	-5549.728		
0.25000	-194.030850	5816.950	-7.04E-13	
5.16E-29	8.43E-13	-6960.451		
0.50000	-194.030850	5875.687	-7.12E-13	
5.16E-29	1.02E-12	-8385.491		
0.75000	-194.030850	5934.425	-7.19E-13	
5.16E-29	1.19E-12	-9824.848		
1.00000	-194.030850	5993.163	-7.26E-13	
5.16E-29	1.37E-12	-11278.523		

T	M2	M3		
0.00000	-1.21E-11	5758.212	-6.97E-13	
4.11E-29	7.56E-13	-6241.799		
0.25000	-1.21E-11	5816.950	-7.04E-13	
4.11E-29	9.27E-13	-7652.522		
0.50000	-1.21E-11	5875.687	-7.12E-13	
4.11E-29	1.10E-12	-9077.562		
0.75000	-1.21E-11	5934.425	-7.19E-13	
4.11E-29	1.27E-12	-10516.919		
1.00000	-1.21E-11	5993.163	-7.26E-13	
4.11E-29	1.45E-12	-11970.594		

COMB	UEO09	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-1.21E-11	5758.212	-6.97E-13	
4.11E-29	7.56E-13	-6241.799		
0.25000	-1.21E-11	5816.950	-7.04E-13	
4.11E-29	9.27E-13	-7652.522		
0.50000	-1.21E-11	5875.687	-7.12E-13	
4.11E-29	1.10E-12	-9077.562		
0.75000	-1.21E-11	5934.425	-7.19E-13	
4.11E-29	1.27E-12	-10516.919		
1.00000	-1.21E-11	5993.163	-7.26E-13	
4.11E-29	1.45E-12	-11970.594		
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FRAME ELEMENT INTERNAL FORCES				
COMB	UEO10	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-308.136250	5470.301	-6.62E-13	
6.02E-29	6.03E-13	-4978.695		
0.25000	-308.136250	5526.102	-6.69E-13	
6.02E-29	7.65E-13	-6318.882		
0.50000	-308.136250	5581.903	-6.76E-13	
6.02E-29	9.29E-13	-7672.670		
0.75000	-308.136250	5637.704	-6.83E-13	
6.02E-29	1.09E-12	-9040.060		
1.00000	-308.136250	5693.504	-6.90E-13	
6.02E-29	1.26E-12	-10421.051		

COMB	UEO10	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-308.136250	5470.301	-6.62E-13	
6.02E-29	6.03E-13	-4978.695		
0.25000	-308.136250	5526.102	-6.69E-13	
6.02E-29	7.65E-13	-6318.882		
0.50000	-308.136250	5581.903	-6.76E-13	
6.02E-29	9.29E-13	-7672.670		
0.75000	-308.136250	5637.704	-6.83E-13	
6.02E-29	1.09E-12	-9040.060		
1.00000	-308.136250	5693.504	-6.90E-13	
6.02E-29	1.26E-12	-10421.051		

COMB	UEO11	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-308.136250	5470.301	-6.62E-13	
6.02E-29	6.03E-13	-4978.695		
0.25000	-308.136250	5526.102	-6.69E-13	
6.02E-29	7.65E-13	-6318.882		
0.50000	-308.136250	5581.903	-6.76E-13	
6.02E-29	9.29E-13	-7672.670		
0.75000	-308.136250	5637.704	-6.83E-13	
6.02E-29	1.09E-12	-9040.060		
1.00000	-308.136250	5693.504	-6.90E-13	
6.02E-29	1.26E-12	-10421.051		

COMB	UEO11	-----	MIN	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-308.136250	5470.301	-6.62E-13	
6.02E-29	6.03E-13	-4978.695		
0.25000	-308.136250	5526.102	-6.69E-13	
6.02E-29	7.65E-13	-6318.882		
0.50000	-308.136250	5581.903	-6.76E-13	
6.02E-29	9.29E-13	-7672.670		
0.75000	-308.136250	5637.704	-6.83E-13	
6.02E-29	1.09E-12	-9040.060		
1.00000	-308.136250	5693.504	-6.90E-13	
6.02E-29	1.26E-12	-10421.051		

COMB	UEO12	-----	MAX	
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-186.568125	7518.389	-9.11E-13	
6.83E-29	9.03E-13	-7453.662		
0.25000	-186.568125	7574.190	-9.17E-13	
6.83E-29	1.13E-12	-9293.069		
0.50000	-186.568125	7629.969	-9.24E-13	
6.83E-29	1.35E-12	-11146.079		
0.75000	-186.568125	7685.791	-9.31E-13	
6.83E-29	1.58E-12	-13012.690		
1.00000	-186.568125	7741.592	-9.38E-13	
6.83E-29	1.80E-12	-14892.902		

0.00000	-186.568125	7518.389	-9.11E-13
6.83E-29	9.03E-13	-7453.662	
0.25000	-186.568125	7574.190	-9.17E-13
6.83E-29	1.13E-12	-9293.069	
0.50000	-186.568125	7629.969	-9.24E-13
6.83E-29	1.13E-12	-1156.079	
0.75000	-186.568125	7685.791	-9.31E-13
6.83E-29	1.58E-12	-13012.690	
1.00000	-186.568125	7741.592	-9.38E-13
6.83E-29	1.80E-12	-14892.902	

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0.25000 -1.80E-11 5816.950 -1.13E-12
4.11E-29 9.27E-13 -12276.960
0.50000 -1.80E-11 -5875.687
4.11E-29 1.10E-12 -14560.661
0.75000 -1.80E-11 5934.425
4.11E-29 1.27E-12 -16858.679
1.00000 -1.80E-11 5993.163
4.11E-29 1.45E-12 -19171.014

ELEM 5 ----- LENGTH =
0.975000

LOAD D -----

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3458.435 4.18E-13
3.76E-15 1.17E-12 -9636.815
0.25000 321.862722 -3399.698
3.76E-15 1.07E-12 -8800.980
0.50000 321.862722 -3340.960
3.76E-15 9.69E-13 -7979.462
0.75000 321.862722 -3282.222
3.76E-15 8.71E-13 -7172.262
1.00000 321.862722 -3223.485
3.76E-15 7.75E-13 -6379.379

LOAD L1 -----

REL DIST T P M2 M3 V2 V3
0.00000 91.962640 -854.530601
1.03E-15 3.25E-13 2677.681
0.25000 91.962640 -854.530601
1.03E-15 3.00E-13 -2469.389
0.50000 91.962640 -854.530601
1.03E-15 2.75E-13 -2261.097
0.75000 91.962640 -854.530601
1.03E-15 2.49E-13 -2052.806
1.00000 91.962640 -854.530601
1.03E-15 2.24E-13 -1844.514

LOAD W-LO -----

REL DIST T P M2 M3 V2 V3
0.00000 -1.80E-18 -3.77E-15 -31.068566
24.152553 -42.566445 -5.19E-15
0.25000 -1.80E-18 -3.48E-15 -28.719060
24.152553 -35.279828 -4.31E-15
0.50000 -1.80E-18 -3.20E-15
24.152553 -28.565903 -3.49E-15
0.75000 -1.80E-18 -2.92E-15 -24.020047
24.152553 -22.424671 -2.75E-15
1.00000 -1.80E-18 -2.63E-15 -21.670541
24.152553 -16.856130 -2.07E-15

LOAD G-LO2 -----

REL DIST T P M2 M3 V2 V3
0.00000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -521.820139 -6.05E-14
0.25000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -489.756324 -5.66E-14
0.50000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -457.692508 -5.27E-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

REL DIST T P M2 M3 V2 V3
0.75000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -425.628693 -4.93E-13
1.00000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -393.564877 -4.49E-14

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
0.00000 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 106.933155 804.514611 -9.77E-14
1.21E-15 -3.21E-13 2654.567
0.25000 106.933155 804.514611 -9.77E-14
1.21E-15 -3.21E-13 2654.567
0.50000 106.933155 804.514611 -9.77E-14
1.21E-15 -2.97E-13 2458.466
0.75000 106.933155 804.514611 -9.77E-14
1.21E-15 -2.74E-13 2262.466
1.00000 106.933155 804.514611 -9.77E-14
1.21E-15 -2.50E-13 2066.265

LOAD WL -----

REL DIST T P M2 M3 V2 V3
0.00000 14.665462 114.812798 -1.39E-14
1.53E-16 -4.65E-14 384.170885
0.25000 14.665462 114.812798 -1.39E-14
1.53E-16 -4.31E-14 356.185266
0.50000 14.665462 114.812798 -1.39E-14
1.53E-16 -3.97E-14 328.199646
0.75000 14.665462 114.812798 -1.39E-14
1.53E-16 -3.63E-14 300.214026
1.00000 14.665462 114.812798 -1.39E-14
1.53E-16 -3.29E-14 272.228407

LOAD G-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 -129.427567 -1.632503
3.61E-16 9.11E-14 737.639589
0.25000 -129.427567 -1.632503
3.61E-16 9.10E-14 737.241667
0.50000 -129.427567 -1.632503
3.61E-16 9.10E-14 736.843744
0.75000 -129.427567 -1.632503
3.61E-16 9.10E-14 736.458222
1.00000 -129.427567 -1.632503
3.61E-16 9.09E-14 736.047899

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 0.024589 1.357184 -1.65E-16
2.63E-18 -6.63E-16 5.475864
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REL DIST T P M2 M3 V2 V3
0.25000 0.024589 1.357184 -1.65E-16
2.63E-18 -6.23E-16 5.145050
0.50000 0.024589 1.357184 -1.65E-16
2.63E-18 -5.82E-16 4.814236
0.75000 0.024589 1.357184 -1.65E-16
2.63E-18 -5.42E-16 4.483423
1.00000 0.024589 1.357184 -1.65E-16
2.63E-18 -5.02E-16 4.152609

LOAD COL-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 0.055925 3.086710 -3.75E-16
5.98E-18 -1.51E-15 12.454023
0.25000 0.055925 3.086710 -3.75E-16
5.98E-18 -1.42E-15 11.701638
0.50000 0.055925 3.086710 -3.75E-16
5.98E-18 -1.32E-15 10.94252
0.75000 0.055925 3.086710 -3.75E-16
5.98E-18 -1.23E-15 10.196867
1.00000 0.055925 3.086710 -3.75E-16
5.98E-18 -1.14E-15 9.444481

COMB SVB01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -4312.966 5.21E-13
4.79E-15 1.49E-12 -12314.496
0.25000 413.825362 -4254.228 5.14E-13
4.79E-15 1.37E-12 -11270.369
0.50000 413.825362 -4195.491 5.07E-13
4.79E-15 1.24E-12 -10240.560
0.75000 413.825362 -4136.753 5.00E-13
4.79E-15 1.12E-12 -9225.067
1.00000 413.825362 -4078.015 4.93E-13
4.79E-15 1.00E-12 -8223.893

COMB SVB01 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -4312.966 5.21E-13
4.79E-15 1.49E-12 -12314.496
0.25000 413.825362 -4254.228 5.14E-13
4.79E-15 1.37E-12 -11270.369
0.50000 413.825362 -4195.491 5.07E-13
4.79E-15 1.24E-12 -10240.560
0.75000 413.825362 -4136.753 5.00E-13
4.79E-15 1.12E-12 -9225.067
1.00000 413.825362 -4078.015 4.93E-13
4.79E-15 1.00E-12 -8223.893

COMB SVB02 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3458.435 4.18E-13
3.76E-15 1.17E-12 -9636.815
0.25000 321.862722 -3399.698 4.11E-13
3.76E-15 1.07E-12 -8800.980
0.50000 321.862722 -3340.960 4.04E-13
3.76E-15 9.69E-13 -7979.462
0.75000 321.862722 -3282.222 3.97E-13
3.76E-15 8.71E-13 -7172.262 3.90E-13
1.00000 321.862722 -3223.485
3.76E-15 7.75E-13 -6379.379

COMB SVB02 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3458.435 4.18E-13
3.76E-15 1.17E-12 -9636.815
0.25000 321.862722 -3399.698 4.11E-13
3.76E-15 1.07E-12 -8800.980 4.11E-13
0.50000 321.862722 -3340.960 4.04E-13
3.76E-15 9.69E-13 -7979.462 4.04E-13
0.75000 321.862722 -3282.222 3.97E-13
3.76E-15 8.71E-13 -7172.262 3.90E-13
1.00000 321.862722 -3223.485 3.90E-13
3.76E-15 7.75E-13 -6379.379

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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 SVB03 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3458.435 -31.068566
24.152553 -42.566445 -9636.815
0.25000 321.862722 -3399.698 -28.719060
24.152553 -35.279828 -8800.980
0.50000 321.862722 -3340.960 -26.369553
24.152553 -28.565903 -7979.462
0.75000 321.862722 -3282.222 -24.020047
24.152553 -22.424671 -7172.262
1.00000 321.862722 -3223.485 -21.670541
24.152553 -16.856130 -6379.379

COMB SVB03 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3458.435 -31.068566
24.152553 -42.566445 -9636.815
0.25000 321.862722 -3399.698 -28.719060
24.152553 -35.279828 -8800.980
0.50000 321.862722 -3340.960 -26.369553
24.152553 -28.565903 -7979.462
0.75000 321.862722 -3282.222 -24.020047
24.152553 -22.424671 -7172.262
1.00000 321.862722 -3223.485 -21.670541
24.152553 -16.856130 -6379.379

COMB SVB04 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -4312.966 -15.534283
12.076277 -21.283222 -12314.496
0.25000 413.825362 -4254.228 -14.359530
12.076277 -17.639914 -11270.369
0.50000 413.825362 -4195.491 -13.184777
12.076277 -14.282952 -10240.560
0.75000 413.825362 -4136.753 -12.010024
12.076277 -11.212335 -9225.067
1.00000 413.825362 -4078.015 -10.835270
12.076277 -8.428065 -8223.893

COMB SVB04 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -4312.966 -15.534283
12.076277 -21.283222 -12314.496
0.25000 413.825362 -4254.228 -14.359530
12.076277 -17.639914 -11270.369
0.50000 413.825362 -4195.491 -13.184777
12.076277 -14.282952 -10240.560
0.75000 413.825362 -4136.753 -12.010024
12.076277 -11.212335 -9225.067
1.00000 413.825362 -4078.015 -10.835270
12.076277 -8.428065 -8223.893

COMB SVB05 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3458.435 -15.534283
12.076277 -21.283222 -9636.815
0.25000 321.862722 -3399.698 -14.359530
12.076277 -17.639914 -8800.980
0.50000 321.862722 -3340.960 -13.184777
12.076277 -14.282952 -7979.462
0.75000 321.862722 -3282.222 -12.010024
12.076277 -11.212335 -7172.262
1.00000 321.862722 -3223.485 -10.835270
12.076277 -8.428065 -6379.379

COMB SVB05 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3458.435 -15.534283
12.076277 -21.283222 -9636.815
0.25000 321.862722 -3399.698 -14.359530
12.076277 -17.639914 -8800.980
0.50000 321.862722 -3340.960 -13.184777
12.076277 -14.282952 -7979.462
0.75000 321.862722 -3282.222 -12.010024
12.076277 -11.212335 -7172.262
1.00000 321.862722 -3223.485 -10.835270
12.076277 -8.428065 -6379.379
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COMB SVB06 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -4312.966 -131.543858
-215.669164 -521.820139 -12314.496
0.25000 413.825362 -4254.228 -131.543858
-215.669164 -489.756324 -11270.369
0.50000 413.825362 -4195.491 -131.543858
-215.669164 -457.692508 -10240.560
0.75000 413.825362 -4136.753 -131.543858
-215.669164 -425.628693 -9225.067
1.00000 413.825362 -4078.015 -131.543858
-215.669164 -393.564877 -8223.893

COMB SVB06 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -4312.966 -131.543858
-215.669164 -521.820139 -12314.496
0.25000 413.825362 -4254.228 -131.543858
-215.669164 -489.756324 -11270.369
0.50000 413.825362 -4195.491 -131.543858
-215.669164 -457.692508 -10240.560
0.75000 413.825362 -4136.753 -131.543858
-215.669164 -425.628693 -9225.067
1.00000 413.825362 -4078.015 -131.543858
-215.669164 -393.564877 -8223.893

COMB SVB07 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -4312.966 5.21E-13
4.79E-15 1.49E-12 -12314.496
0.25000 413.825362 -4254.228 5.14E-13
4.79E-15 1.37E-12 -11270.369
0.50000 413.825362 -4195.491 5.07E-13
4.79E-15 1.24E-12 -10240.560
0.75000 413.825362 -4136.753 5.00E-13
4.79E-15 1.12E-12 -9225.067
1.00000 413.825362 -4078.015 4.93E-13
4.79E-15 1.00E-12 -8223.893

COMB SVB07 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -4312.966 5.21E-13
4.79E-15 1.49E-12 -12314.496
0.25000 413.825362 -4254.228 5.14E-13
4.79E-15 1.37E-12 -11270.369
0.50000 413.825362 -4195.491 5.07E-13
4.79E-15 1.24E-12 -10240.560
0.75000 413.825362 -4136.753 5.00E-13
4.79E-15 1.12E-12 -9225.067
1.00000 413.825362 -4078.015 4.93E-13
4.79E-15 1.00E-12 -8223.893

COMB SVB08 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3458.435 -131.543858
-215.669164 -521.820139 -9636.815
0.25000 321.862722 -3399.698 -131.543858
-215.669164 -489.756324 -8800.980
0.50000 321.862722 -3340.960 -131.543858
-215.669164 -457.692508 -7979.462
0.75000 321.862722 -3282.222 -131.543858
-215.669164 -425.628693 -7172.262
1.00000 321.862722 -3223.485 -131.543858
-215.669164 -393.564877 -6379.379

COMB SVB08 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3458.435 -131.543858
-215.669164 -521.820139 -9636.815
0.25000 321.862722 -3399.698 -131.543858
-215.669164 -489.756324 -8800.980
0.50000 321.862722 -3340.960 -131.543858

-215.669164 -457.692508 -7979.462
0.75000 321.862722 -3282.222 -131.543858
-215.669164 -425.628693 -7172.262
1.00000 321.862722 -3223.485 -131.543858
-215.669164 -393.56487

12.076277 -17.639914 -11270.369
0.50000 413.825362 -4195.491 -13.184777
12.076277 -14.825362 -10240.560
0.75000 413.825362 -4136.753 -12.010024
12.076277 -11.212335 -9225.067
1.00000 413.825362 -4078.015 -10.835270
12.076277 -8.428065 -8223.893

COMB SVB13 ----- MIN
REL DIST T P M2 V2 V3
0.00000 413.825362 -4312.966 -15.534283
12.076277 -21.283222 -12314.496
0.25000 413.825362 -4254.228 -14.359530
12.076277 -17.639914 -11270.369
0.50000 413.825362 -4195.491 -13.184777
12.076277 -14.282952 -10240.560
0.75000 413.825362 -4136.753 -12.010024
12.076277 -11.212335 -9225.067
1.00000 413.825362 -4078.015 -10.835270
12.076277 -8.428065 -8223.893

COMB SVB14 ----- MAX
REL DIST T P M2 V2 V3
0.00000 321.862722 -3458.435 -147.078141
-203.592887 -543.103361 -9636.815
0.25000 321.862722 -3399.698 -145.903388
-203.592887 -507.396238 -8800.980
0.50000 321.862722 -3340.960 -144.728635
-203.592887 -471.975460 -7979.462
0.75000 321.862722 -3282.222 -143.553882
-203.592887 -436.841028 -7172.262
1.00000 321.862722 -3223.485 -142.379129
-203.592887 -401.992942 -6379.379

COMB SVB14 ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.862722 -3458.435 -147.078141
-203.592887 -543.103361 -9636.815
0.25000 321.862722 -3399.698 -145.903388
-203.592887 -507.396238 -8800.980
0.50000 321.862722 -3340.960 -144.728635
-203.592887 -471.975460 -7979.462
0.75000 321.862722 -3282.222 -143.553882
-203.592887 -436.841028 -7172.262
1.00000 321.862722 -3223.485 -142.379129
-203.592887 -401.992942 -6379.379
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FRAME ELEMENT INTERNAL FORCES

COMB SVB15 ----- MAX
REL DIST T P M2 V2 V3
0.00000 321.862722 -3458.435 -15.534283
12.076277 -21.283222 -9636.815
0.25000 321.862722 -3399.698 -14.359530
12.076277 -17.639914 -8800.980
0.50000 321.862722 -3340.960 -13.184777
12.076277 -14.282952 -7979.462
0.75000 321.862722 -3282.222 -12.010024
12.076277 -11.212335 -7172.262
1.00000 321.862722 -6379.379 -10.835270
12.076277 -8.428065 -6379.379

COMB SVB15 ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.862722 -3458.435 -15.534283
12.076277 -21.283222 -9636.815
0.25000 321.862722 -3399.698 -14.359530
12.076277 -17.639914 -8800.980
0.50000 321.862722 -3340.960 -13.184777
12.076277 -14.282952 -7979.462
0.75000 321.862722 -3282.222 -12.010024
12.076277 -11.212335 -7172.262
1.00000 321.862722 -6379.379 -10.835270
12.076277 -8.428065 -6379.379

COMB ULB01 ----- MAX
REL DIST T P M2 V2 V3
0.00000 616.141214 -6333.207 7.66E-13
7.10E-15 2.22E-12 -18284.874
0.25000 616.141214 -6256.848 7.56E-13
7.10E-15 2.03E-12 -16750.461
0.50000 616.141214 -6180.489 7.47E-13
7.10E-15 1.85E-12 -15234.660
0.75000 616.141214 -6104.130 7.38E-13
7.10E-15 1.67E-12 -13737.473
1.00000 616.141214 -6027.771 7.29E-13
7.10E-15 1.49E-12 -12258.897

COMB ULB01 ----- MIN
REL DIST T P M2 V2 V3
0.00000 616.141214 -6333.207 7.66E-13
7.10E-15 2.22E-12 -18284.874
0.25000 616.141214 -6256.848 7.56E-13
7.10E-15 2.03E-12 -16750.461
0.50000 616.141214 -6180.489 7.47E-13
7.10E-15 1.85E-12 -15234.660
0.75000 616.141214 -6104.130 7.38E-13
7.10E-15 1.67E-12 -13737.473
1.00000 616.141214 -6027.771 7.29E-13
7.10E-15 1.49E-12 -12258.897

COMB ULB02 ----- MAX
REL DIST T P M2 V2 V3
0.00000 418.421538 -4495.966 5.44E-13
4.89E-15 1.52E-12 -12527.859
0.25000 418.421538 -4419.607 5.34E-13
4.89E-15 1.39E-12 -11441.274
0.50000 418.421538 -4343.248 5.25E-13
4.89E-15 1.26E-12 -10373.301
0.75000 418.421538 -4266.889 5.16E-13
4.89E-15 1.13E-12 -9323.940
1.00000 418.421538 -4190.530 5.07E-13
4.89E-15 1.01E-12 -8293.192

COMB ULB02 ----- MIN
REL DIST T P M2 V2 V3
0.00000 418.421538 -4495.966 5.44E-13
4.89E-15 1.52E-12 -12527.859
0.25000 418.421538 -4419.607 5.34E-13
4.89E-15 1.39E-12 -11441.274
0.50000 418.421538 -4343.248 5.25E-13
4.89E-15 1.26E-12 -10373.301
0.75000 418.421538 -4266.889 5.16E-13
4.89E-15 1.13E-12 -9323.940
1.00000 418.421538 -4190.530 5.07E-13
4.89E-15 1.01E-12 -8293.192

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FRAME ELEMENT INTERNAL FORCES

COMB ULB03 ----- MAX
REL DIST T P M2 V2 V3
0.00000 418.421538 -4495.966 -40.389136
31.398319 -55.336378 -12527.859
0.25000 418.421538 -4419.607 -37.334778
31.398319 -45.863776 -11441.274
0.50000 418.421538 -4343.248 -34.280419
31.398319 -37.135674 -10373.301
0.75000 418.421538 -4266.889 -31.226061
31.398319 -29.152072 -9323.940
1.00000 418.421538 -4190.530 -28.171703
31.398319 -21.912969 -8293.192

COMB ULB03 ----- MIN
REL DIST T P M2 V2 V3
0.00000 418.421538 -4495.966 -40.389136
31.398319 -55.336378 -12527.859
0.25000 418.421538 -4419.607 -37.334778
31.398319 -45.863776 -11441.274
0.50000 418.421538 -4343.248 -34.280419
31.398319 -37.135674 -10373.301
0.75000 418.421538 -4266.889 -31.226061
31.398319 -29.152072 -9323.940
1.00000 418.421538 -4190.530 -28.171703
31.398319 -21.912969 -8293.192

COMB ULB04 ----- MAX
REL DIST T P M2 V2 V3
0.00000 537.972970 -5606.856 -20.194568
15.699160 -27.668189 -16008.845
0.25000 537.972970 -5530.497 -18.667389
15.699160 -22.931888 -14651.480
0.50000 537.972970 -5454.138 -17.140210
15.699160 -18.567837 -13312.728
0.75000 537.972970 -5377.779 -15.613031
15.699160 -14.576036 -9323.940
1.00000 537.972970 -5301.420 -14.085852
15.699160 -10.956485 -10691.060

COMB ULB04 ----- MIN
REL DIST T P M2 V2 V3
0.00000 537.972970 -5606.856 -20.194568
15.699160 -27.668189 -16008.845
0.25000 537.972970 -5530.497 -18.667389
15.699160 -22.931888 -14651.480
0.50000 537.972970 -5454.138 -17.140210
15.699160 -18.567837 -13312.728
0.75000 537.972970 -5377.779 -15.613031
15.699160 -14.576036 -9323.940
1.00000 537.972970 -5301.420 -14.085852
15.699160 -10.956485 -10691.060

COMB ULB05 ----- MAX
REL DIST T P M2 V2 V3
0.00000 418.421538 -4495.966 -20.194568
15.699160 -27.668189 -12527.859
0.25000 418.421538 -4419.607 -18.667389
15.699160 -22.931888 -11441.274
0.50000 418.421538 -4343.248 -17.140210
15.699160 -18.567837 -10373.301
0.75000 418.421538 -4266.889 -15.613031
15.699160 -14.576036 -9323.940
1.00000 418.421538 -4190.530 -14.085852
15.699160 -10.956485 -8293.192

COMB ULB05 ----- MIN
REL DIST T P M2 V2 V3
0.00000 418.421538 -4495.966 -20.194568
15.699160 -27.668189 -12527.859
0.25000 418.421538 -4419.607 -18.667389
15.699160 -22.931888 -11441.274
0.50000 418.421538 -4343.248 -17.140210
15.699160 -18.567837 -10373.301
0.75000 418.421538 -4266.889 -15.613031
15.699160 -14.576036 -9323.940
1.00000 418.421538 -4190.530 -14.085852
15.699160 -10.956485 -8293.192

COMB ULB05 ----- MIN
REL DIST T P M2 V2 V3
0.00000 418.421538 -4495.966 -20.194568
15.699160 -27.668189 -12527.859
0.25000 418.421538 -4419.607 -18.667389
15.699160 -22.931888 -11441.274
0.50000 418.421538 -4343.248 -17.140210
15.699160 -18.567837 -10373.301
0.75000 418.421538 -4266.889 -15.613031
15.699160 -14.576036 -9323.940
1.00000 418.421538 -4190.530 -14.085852
15.699160 -10.956485 -8293.192

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FRAME ELEMENT INTERNAL FORCES

COMB ULB06 ----- MAX
REL DIST T P M2 V2 V3
0.00000 537.972970 -5606.856 -171.007016
-280.369913 -678.366181 -16008.845
0.25000 537.972970 -5530.497 -171.007016
-280.369913 -636.683221 -14651.480
0.50000 537.972970 -5454.138 -171.007016
-280.369913 -595.000261 -13312.728
0.75000 537.972970 -5377.779 -171.007016
-280.369913 -553.317301 -11992.588
1.00000 537.972970 -5301.420 -171.007016
-280.369913 -511.634341 -10691.060

COMB ULB06 ----- MIN
REL DIST T P M2 V2 V3
0.00000 537.972970 -5606.856 -171.007016
-280.369913 -678.366181 -16008.845
0.25000 537.972970 -5530.497 -171.007016
-280.369913 -636.683221 -14651.480
0.50000 537.972970 -5454.138 -171.007016
-280.369913 -595.000261 -13312.728
0.75000 537.972970 -5377.779 -171.007016
-280.369913 -553.317301 -11992.588
1.00000 537.972970 -5301.420 -171.007016
-280.369913 -511.634341 -10691.060

COMB ULB07 ----- MAX
REL DIST T P M2 V2 V3
0.00000 537.972970 -5606.856 6.78E-13
6.23E-15 1.94E-12 -16008.845
0.25000 537.972970 -5530.497 6.69E-13
6.23E-15 1.78E-12 -14651.480
0.50000 537.972970 -5454.138 6.59E-13
6.23E-15 1.62E-12 -13312.728
0.75000 537.972970 -5377.779 6.50E-13
6.23E-15 1.46E-12 -11992.588

1.00000 537.972970 -5301.420 6.41E-13
6.23E-15 1.30E-12 -10691.060
COMB ULB07 ----- MIN
REL DIST T P M2 V2 V3
0.00000 537.972970 -5606.856 6.78E-13
6.23E-15 1.94E-12 -16008.845
0.25000 537.972970 -5530.497 6.69E-13
6.23E-15 1.78E-12 -14651.480
0.50000 537.972970 -5454.138 6.59E-13
0.75000 537.972970 -5377.779 6.50E-13
6.23E-15 1.46E-12 -11992.588
1.00000 537.972970 -5301.420 6.41E-13
6.23E-15 1.30E-12 -10691.060

COMB ULB08 ----- MAX
REL DIST T P M2 V2 V3
0.00000 418.421538 -4495.966 -171.007016
-280.369913 -678.366181 -12527.859
0.25000 418.421538 -4419.607 -171.007016
-280.369913 -636.683221 -11441.274
0.50000 418.421538 -4343.248 -171.007016
0.75000 418.421538 -4266.889 -171.007016
-280.369913 -553.317301 -9323.940
1.00000 418.421538 -4190.530 -171.007016
-280.369913 -511.634341 -8293.192

COMB ULB08 ----- MIN
REL DIST T P M2 V2 V3
0.00000 418.421538 -4495.966 -171.007016
-280.369913 -678.366181 -12527.859
0.25000 418.421538 -4419.607 -171.007016
-280.369913 -636.683221 -11441.274
0.50000 418.421538 -4343.248 -171.007016
0.75000 418.421538 -4266.889 -171.007016
-280.369913 -553.317301 -9323.940
1.00000 418.421538 -4190.530 -171.007016
-280.369913 -511.634341 -8293.192

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FRAME ELEMENT INTERNAL FORCES

COMB ULB09 ----- MAX
REL DIST T P M2 V2 V3
0.00000 418.421538 -4495.966 5.44E-13
4.89E-15 1.52E-12 -12527.859
0.25000 418.421538 -4419.607 5.34E-13
4.89E-15 1.39E-12 -11441.274
0.50000 418.421538 -4343.248 5.25E-13
4.89E-15 1.26E-12 -10373.301
0.75000 418.421538 -4266.889 5.16E-13
4.89E-15 1.13E-12 -9323.940
1.00000 418.421538 -4190.530 5.07E-13
4.89E-15 1.01E-12 -8293.192

COMB ULB09 ----- MIN
REL DIST T P M2 V2 V3
0.00000 418.421538 -4495.966 5.44E-13
4.89E-15 1.52E-12 -12527.859
0.25000 418.421538 -4419.607 5.34E-13
4.89E-15 1.39E-12 -11441.274
0.50000 418.421538 -4343.248 5.25E-13
4.89E-15 1.26E-12 -10373.301
0.75000 418.421538 -4266.889 5.16E-13
4.89E-15 1.13E-12 -9323.940
1.00000 418.421538 -4190.530 5.07E-13
4.89E-15 1.01E-12 -8293.192

COMB ULB10 ----- MAX
REL DIST T P M2 V2 V3
0.00000 402.328402 -4323.044 -203.265530
-239.395763 -705.483230 -12046.019
0.25000 402.328402 -4249.622 -200.328647
-239.395763 -656.295189 -11001.225
0.50000 402.328402 -4176.200 -197.391764
-239.395763 -607.823014 -9974.328
0.75000 402.328402 -4102.778 -194.454882
1.00000 402.328402 -4029.356 -191.517999
-239.395763 -513.026260 -7974.223

COMB ULB10 ----- MIN
REL DIST T P M2 V2 V3
0.00000 402.328402 -4323.044 -203.265530
-239.395763 -705.483230 -12046.019
0.25000 402.328402 -4249.622 -200.328647
-239.395763 -656.295189 -11001.225
0.50000 402.328402 -4176.200 -197.391764
-239.395763 -607.823014 -9974.328
0.75000 402.328402 -4102.778 -194.454882
1.00000 402.328402 -4029.356 -191.517999
-239.395763 -513.026260 -7974.223

COMB ULB11 ----- MAX
REL DIST T P M2 V2 V3
0.00000 402.328402 -4323.044 -38.835707
30.190692 53.208056 -12046.019
0.25000 402.328402 -4249.622 -35.898825
30.190692 -44.099785 -11001.225
0.50000 402.328402 -4176.200 -32.961942
30.190692 -35.707379 -9974.328
0.75000 402.328402 -4102.778 -30.025059
30.190692 -28.030838 -8965.327
1.00000 402.328402 -4029.356 -27.088176
30.190692 -21.070163 -7974.223

COMB ULB11 ----- MIN
REL DIST T P M2 V2 V3
0.00000 402.328402 -4323.044 -38.835707
30.190692 53.208056 -12046.019
0.25000 402.328402 -4249.622 -35.898825
30.190692 -44.099785 -11001.225
0.50000 402.328402 -4176.200 -32.961942
30.190692 -35.707379 -9974.328
0.75000 402.328402 -4102.778 -30.025059
30.190692 -28.030838 -8965.327
1.00000 402.328402 -4029.356 -27.088176
30.190692 -21.070163 -7974.223

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FRAME ELEMENT INTERNAL FORCES

COMB ULB12 ----- MAX
REL DIST T P M2 V2 V3
0.00000 517.281702 -5391.207 -183.847676
-254.491109 -678.879202 -15393.120
0.25000 517.281702 -5317.785 -182.379235
-254.491109 -634.245297 -14087.961
0.50000 517.281702 -5244.363 -180.9

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	-3458.435	4.18E-13
3.76E-15	1.17E-12	-9636.815	
0.25000	321.862722	-3399.698	4.11E-13
3.76E-15	1.07E-12	-8800.980	
0.50000	321.862722	-3340.960	4.04E-13
3.76E-15	9.69E-13	-7979.462	
0.75000	321.862722	-3282.222	3.97E-13
3.76E-15	8.71E-13	-7172.262	
1.00000	321.862722	-3223.485	3.90E-13
3.76E-15	7.75E-13	-6379.379	

COMB ULB17 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	537.972970	-5606.856	6.78E-13
6.23E-15	1.94E-12	-16008.845	
0.25000	537.972970	-5530.497	6.69E-13
6.23E-15	1.78E-12	-14651.480	
0.50000	537.972970	-5454.138	6.59E-13
6.23E-15	1.62E-12	-13312.728	
0.75000	537.972970	-5377.779	6.50E-13
6.23E-15	1.46E-12	-11992.588	
1.00000	537.972970	-5301.420	6.41E-13
6.23E-15	1.30E-12	-10691.060	

COMB ULB17 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	537.972970	-5606.856	6.78E-13
6.23E-15	1.94E-12	-16008.845	
0.25000	537.972970	-5530.497	6.69E-13
6.23E-15	1.78E-12	-14651.480	
0.50000	537.972970	-5454.138	6.59E-13
6.23E-15	1.62E-12	-13312.728	
0.75000	537.972970	-5377.779	6.50E-13
6.23E-15	1.46E-12	-11992.588	
1.00000	537.972970	-5301.420	6.41E-13
6.23E-15	1.30E-12	-10691.060	

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COMB ULB18 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	386.235266	-4150.122	-37.282279
28.983064	-51.079734	-11564.178	
0.25000	386.235266	-4079.637	-34.462872
28.983064	-42.335794	-10561.176	
0.50000	386.235266	-4009.152	-31.643464
28.983064	-34.279084	-9575.355	
0.75000	386.235266	-3938.667	-28.824057
28.983064	-26.909605	-8606.714	
1.00000	386.235266	-3668.182	-26.004649
28.983064	-20.227356	-7655.255	

COMB ULB18 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	386.235266	-4150.122	-37.282279
28.983064	-51.079734	-11564.178	
0.25000	386.235266	-4079.637	-34.462872
28.983064	-42.335794	-10561.176	
0.50000	386.235266	-4009.152	-31.643464
28.983064	-34.279084	-9575.355	
0.75000	386.235266	-3938.667	-28.824057
28.983064	-26.909605	-8606.714	
1.00000	386.235266	-3668.182	-26.004649
28.983064	-20.227356	-7655.255	

COMB UEB01 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	519.582397	-5295.676	6.40E-13
5.97E-15	1.87E-12	-15393.829	
0.25000	519.582397	-5236.938	6.33E-13
5.97E-15	1.71E-12	-14110.167	
0.50000	519.582397	-5178.201	6.26E-13
5.97E-15	1.56E-12	-12840.822	
0.75000	519.582397	-5119.463	6.19E-13
5.97E-15	1.41E-12	-11585.794	
1.00000	519.582397	-5060.726	6.12E-13
5.97E-15	1.26E-12	-10345.084	

COMB UEB01 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	519.582397	-5295.676	6.40E-13
5.97E-15	1.87E-12	-15393.829	
0.25000	519.582397	-5236.938	6.33E-13
5.97E-15	1.71E-12	-14110.167	
0.50000	519.582397	-5178.201	6.26E-13
5.97E-15	1.56E-12	-12840.822	
0.75000	519.582397	-5119.463	6.19E-13
5.97E-15	1.41E-12	-11585.794	
1.00000	519.582397	-5060.726	6.12E-13
5.97E-15	1.26E-12	-10345.084	

COMB UEB02 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	-3458.435	4.18E-13
3.76E-15	1.17E-12	-9636.815	
0.25000	321.862722	-3399.698	4.11E-13
3.76E-15	1.07E-12	-8800.980	
0.50000	321.862722	-3340.960	4.04E-13
3.76E-15	9.69E-13	-7979.462	
0.75000	321.862722	-3282.222	3.97E-13
3.76E-15	8.71E-13	-7172.262	
1.00000	321.862722	-3223.485	3.90E-13
3.76E-15	7.75E-13	-6379.379	

COMB UEB02 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	-3458.435	4.18E-13
3.76E-15	1.17E-12	-9636.815	
0.25000	321.862722	-3399.698	4.11E-13
3.76E-15	1.07E-12	-8800.980	
0.50000	321.862722	-3340.960	4.04E-13
3.76E-15	9.69E-13	-7979.462	
0.75000	321.862722	-3282.222	3.97E-13
3.76E-15	8.71E-13	-7172.262	
1.00000	321.862722	-3223.485	3.90E-13
3.76E-15	7.75E-13	-6379.379	

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REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	-3458.435	-40.389136
31.398319	-55.336378	-9636.815	
0.25000	321.862722	-3399.698	-37.334778
31.398319	-45.863776	-8800.980	
0.50000	321.862722	-3340.960	-34.280419
31.398319	-37.135674	-7979.462	
0.75000	321.862722	-3282.222	-31.226061
31.398319	-29.152072	-7172.262	
1.00000	321.862722	-3223.485	-28.171703
31.398319	-21.912969	-6379.379	

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	-3458.435	-40.389136
31.398319	-55.336378	-9636.815	
0.25000	321.862722	-3399.698	-37.334778
31.398319	-45.863776	-8800.980	
0.50000	321.862722	-3340.960	-34.280419
31.398319	-37.135674	-7979.462	
0.75000	321.862722	-3282.222	-31.226061
31.398319	-29.152072	-7172.262	
1.00000	321.862722	-3223.485	-28.171703
31.398319	-21.912969	-6379.379	

REL DIST	P	V2	V3
T	M2	M3	
0.00000	441.414154	-4569.325	-20.194568
15.699160	-27.668189	-13117.800	
0.25000	441.414154	-4510.587	-18.667389
15.699160	-22.931888	-12011.186	
0.50000	441.414154	-4451.850	-17.140210
15.699160	-18.567837	-10918.889	
0.75000	441.414154	-4393.112	-15.613031
15.699160	-14.576036	-9840.909	
1.00000	441.414154	-4334.375	-14.085852
15.699160	-10.956485	-8777.247	

COMB UEB04 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	441.414154	-4569.325	-20.194568
15.699160	-27.668189	-13117.800	
0.25000	441.414154	-4510.587	-18.667389
15.699160	-22.931888	-12011.186	
0.50000	441.414154	-4451.850	-17.140210
15.699160	-18.567837	-10918.889	
0.75000	441.414154	-4393.112	-15.613031
15.699160	-14.576036	-9840.909	
1.00000	441.414154	-4334.375	-14.085852
15.699160	-10.956485	-8777.247	

COMB UEB05 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	-3458.435	-20.194568
15.699160	-27.668189	-9636.815	
0.25000	321.862722	-3399.698	-18.667389
15.699160	-22.931888	-8800.980	
0.50000	321.862722	-3340.960	-17.140210
15.699160	-18.567837	-7979.462	
0.75000	321.862722	-3282.222	-15.613031
15.699160	-14.576036	-7172.262	
1.00000	321.862722	-3223.485	-14.085852
15.699160	-10.956485	-6379.379	

COMB UEB05 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	-3458.435	-20.194568
15.699160	-27.668189	-9636.815	
0.25000	321.862722	-3399.698	-18.667389
15.699160	-22.931888	-8800.980	
0.50000	321.862722	-3340.960	-17.140210
15.699160	-18.567837	-7979.462	
0.75000	321.862722	-3282.222	-15.613031
15.699160	-14.576036	-7172.262	
1.00000	321.862722	-3223.485	-14.085852
15.699160	-10.956485	-6379.379	

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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	P	V2	V3
T	M2	M3	
0.00000	441.414154	-4569.325	-171.007016
-280.369913	-678.366181	-13117.800	
0.25000	441.414154	-4510.587	-171.007016
-280.369913	-636.683221	-12011.186	
0.50000	441.414154	-4451.850	-171.007016
-280.369913	-595.000261	-10918.889	
0.75000	441.414154	-4393.112	-171.007016
-280.369913	-553.317301	-9840.909	
1.00000	441.414154	-4334.375	-171.007016
-280.369913	-511.634341	-8777.247	

COMB UEB06 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	441.414154	-4569.325	-171.007016
-280.369913	-678.366181	-13117.800	
0.25000	441.414154	-4510.587	-171.007016
-280.369913	-636.683221	-12011.186	
0.50000	441.414154	-4451.850	-171.007016
-280.369913	-595.000261	-10918.889	
0.75000	441.414154	-4393.112	-171.007016
-280.369913	-553.317301	-9840.909	
1.00000	441.414154	-4334.375	-171.007016
-280.369913	-511.634341	-8777.247	

COMB UEB07 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	441.414154	-4569.325	5.52E-13
5.10E-15	1.59E-12	-13117.800	
0.25000	441.414154	-4510.587	5.45E-13
5.10E-15	1.46E-12	-12011.186	
0.50000	441.414154	-4451.850	5.38E-13
5.10E-15	1.33E-12	-10918.589	
0.75000	441.414154	-4393.121	5.31E-13
5.10E-15	1.20E-12	-9840.909	
1.00000	441.414154	-4334.375	5.24E-13
5.10E-15	1.07E-12	-8772.247	

1.00000	321.862722	-3223.485	3.90E-13
3.76E-15	7.75E-13	-6379.379	
COMB UEB17 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	441.414154	-4569.325	5.52E-13
5.10E-15	1.59E-12	-13117.800	
0.25000	441.414154	-4510.587	5.45E-13
5.10E-15	1.46E-12	-12011.186	
0.50000	441.414154	-4451.850	5.38E-13
5.10E-15	1.33E-12	-10918.889	
0.75000	441.414154	-4393.112	5.31E-13
5.10E-15	1.20E-12	-9840.909	
1.00000	441.414154	-4334.375	5.24E-13
5.10E-15	1.07E-12	-8777.247	

COMB UEB17 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	441.414154	-4569.325	5.52E-13
5.10E-15	1.59E-12	-13117.800	
0.25000	441.414154	-4510.587	5.45E-13
5.10E-15	1.46E-12	-12011.186	
0.50000	441.414154	-4451.850	5.38E-13
5.10E-15	1.33E-12	-10918.889	
0.75000	441.414154	-4393.112	5.31E-13
5.10E-15	1.20E-12	-9840.909	
1.00000	441.414154	-4334.375	5.24E-13
5.10E-15	1.07E-12	-8777.247	
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FRAME ELEMENT INTERNAL FORCES

COMB UEB18 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	289.676450	-3112.592	-37.282279
28.930364	-51.079734	-8673.133	
0.25000	289.676450	-3059.728	-34.462872
28.930364	-42.335794	-7920.882	
0.50000	289.676450	-3006.864	-31.643464
28.930364	-34.279084	-7181.516	
0.75000	289.676450	-2954.000	-28.824057
28.930364	-26.909605	-6455.036	
1.00000	289.676450	-2901.136	-26.004649
28.930364	-20.227356	-5741.441	

COMB UEB18 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	289.676450	-3112.592	-37.282279
28.930364	-51.079734	-8673.133	
0.25000	289.676450	-3059.728	-34.462872
28.930364	-42.335794	-7920.882	
0.50000	289.676450	-3006.864	-31.643464
28.930364	-34.279084	-7181.516	
0.75000	289.676450	-2954.000	-28.824057
28.930364	-26.909605	-6455.036	
1.00000	289.676450	-2901.136	-26.004649
28.930364	-20.227356	-5741.441	

COMB SVO01 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	413.849951	-4311.609	5.21E-13
4.79E-15	1.49E-12	-12309.020	
0.25000	413.849951	-4252.871	5.14E-13
4.79E-15	1.37E-12	-11265.224	
0.50000	413.849951	-4194.133	5.07E-13
4.79E-15	1.24E-12	-10235.745	
0.75000	413.849951	-4135.396	5.00E-13
4.79E-15	1.12E-12	-9220.584	
1.00000	413.849951	-4076.658	4.93E-13
4.79E-15	9.99E-13	-8219.740	

COMB SVO01 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	413.849951	-4311.609	5.21E-13
4.79E-15	1.49E-12	-12309.020	
0.25000	413.849951	-4252.871	5.14E-13
4.79E-15	1.37E-12	-11265.224	
0.50000	413.849951	-4194.133	5.07E-13
4.79E-15	1.24E-12	-10235.745	
0.75000	413.849951	-4135.396	5.00E-13
4.79E-15	1.12E-12	-9220.584	
1.00000	413.849951	-4076.658	4.93E-13
4.79E-15	9.99E-13	-8219.740	

COMB SVO02 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.887311	-3457.078	4.18E-13
3.76E-15	1.17E-12	-9631.339	
0.25000	321.887311	-3398.341	4.11E-13
3.76E-15	1.07E-12	-8795.835	
0.50000	321.887311	-3339.603	4.04E-13
3.76E-15	9.68E-13	-7974.648	
0.75000	321.887311	-3280.865	3.97E-13
3.76E-15	8.71E-13	-7167.778	
1.00000	321.887311	-3222.128	3.90E-13
3.76E-15	7.75E-13	-6375.226	

COMB SVO02 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.887311	-3457.078	4.18E-13
3.76E-15	1.17E-12	-9631.339	
0.25000	321.887311	-3398.341	4.11E-13
3.76E-15	1.07E-12	-8795.835	
0.50000	321.887311	-3339.603	4.04E-13
3.76E-15	9.68E-13	-7974.648	
0.75000	321.887311	-3280.865	3.97E-13
3.76E-15	8.71E-13	-7167.778	
1.00000	321.887311	-3222.128	3.90E-13
3.76E-15	7.75E-13	-6375.226	
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FRAME ELEMENT INTERNAL FORCES

COMB SVO03 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	428.820466	-2652.564	3.20E-13
4.98E-15	8.24E-13	-6780.672	
0.25000	428.820466	-2593.826	3.13E-13
4.98E-15	7.46E-13	-6141.268	
0.50000	428.820466	-2535.088	3.06E-13
4.98E-15	6.71E-13	-5516.182	

0.75000	428.820466	-2476.351	2.99E-13
4.98E-15	5.97E-13	-4905.413	
1.00000	428.820466	-2417.613	2.92E-13
4.98E-15	5.25E-13	-4308.961	
COMB SVO03 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	428.820466	-2652.564	3.20E-13
4.98E-15	8.24E-13	-6780.672	
0.25000	428.820466	-2593.826	3.13E-13
4.98E-15	7.46E-13	-6141.268	
0.50000	428.820466	-2535.088	3.06E-13
4.98E-15	6.71E-13	-5516.182	
0.75000	428.820466	-2476.351	2.99E-13
4.98E-15	5.97E-13	-4905.413	
1.00000	428.820466	-2417.613	2.92E-13
4.98E-15	5.25E-13	-4308.961	

COMB SVO04 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	481.981991	-3794.539	4.59E-13
5.55E-15	1.27E-12	-10499.516	
0.25000	481.981991	-3735.801	4.51E-13
5.55E-15	1.16E-12	-9581.756	
0.50000	481.981991	-3677.063	4.44E-13
5.55E-15	1.05E-12	-8678.313	
0.75000	481.981991	-3618.326	4.37E-13
5.55E-15	9.47E-13	-7789.187	
1.00000	481.981991	-3559.588	4.30E-13
5.55E-15	8.41E-13	-6914.379	

COMB SVO04 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	481.981991	-3794.539	4.59E-13
5.55E-15	1.27E-12	-10499.516	
0.25000	481.981991	-3735.801	4.51E-13
5.55E-15	1.16E-12	-9581.756	
0.50000	481.981991	-3677.063	4.44E-13
5.55E-15	1.05E-12	-8678.313	
0.75000	481.981991	-3618.326	4.37E-13
5.55E-15	9.47E-13	-7789.187	
1.00000	481.981991	-3559.588	4.30E-13
5.55E-15	8.41E-13	-6914.379	

COMB SVO05 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	390.019351	-2940.008	3.55E-13
4.52E-15	9.50E-13	-7821.835	
0.25000	390.019351	-2881.270	3.48E-13
4.52E-15	8.64E-13	-7112.366	
0.50000	390.019351	-2822.533	3.41E-13
4.52E-15	7.80E-13	-6417.215	
0.75000	390.019351	-2763.795	3.34E-13
4.52E-15	6.98E-13	-5736.382	
1.00000	390.019351	-2705.057	3.27E-13
4.52E-15	6.17E-13	-5069.865	

COMB SVO05 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	390.019351	-2940.008	3.55E-13
4.52E-15	9.50E-13	-7821.835	
0.25000	390.019351	-2881.270	3.48E-13
4.52E-15	8.64E-13	-7112.366	
0.50000	390.019351	-2822.533	3.41E-13
4.52E-15	7.80E-13	-6417.215	
0.75000	390.019351	-2763.795	3.34E-13
4.52E-15	6.98E-13	-5736.382	
1.00000	390.019351	-2705.057	3.27E-13
4.52E-15	6.17E-13	-5069.865	
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FRAME ELEMENT INTERNAL FORCES

COMB SVO06 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	284.422384	-4313.241	5.21E-13
5.15E-15	1.58E-12	-13046.660	
0.25000	284.422384	-4254.504	5.14E-13
5.15E-15	1.46E-12	-12002.466	
0.50000	284.422384	-4195.766	5.07E-13
5.15E-15	1.33E-12	-10972.589	
0.75000	284.422384	-4137.028	5.00E-13
5.15E-15	1.21E-12	-9957.030	
1.00000	284.422384	-4078.291	4.93E-13
5.15E-15	1.09E-12	-8955.788	

COMB SVO06 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	284.422384	-4313.241	5.21E-13
5.15E-15	1.58E-12	-13046.660	
0.25000	284.422384	-4254.504	5.14E-13
5.15E-15	1.46E-12	-12002.466	
0.50000	284.422384	-4195.766	5.07E-13
5.15E-15	1.33E-12	-10972.589	
0.75000	284.422384	-4137.028	5.00E-13
5.15E-15	1.21E-12	-9957.030	
1.00000	284.422384	-4078.291	4.93E-13
5.15E-15	1.09E-12	-8955.788	

COMB SVO07 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	413.849951	-4311.609	5.21E-13
4.79E-15	1.49E-12	-12309.020	
0.25000	413.849951	-4252.871	5.14E-13
4.79E-15	1.37E-12	-11265.224	
0.50000	413.849951	-4194.133	5.07E-13
4.79E-15	1.24E-12	-10235.745	
0.75000	413.849951	-4135.396	5.00E-13
4.79E-15	1.12E-12	-9220.584	
1.00000	413.849951	-4076.658	4.93E-13
4.79E-15	9.99E-13	-8219.740	

COMB		SVO07 ----- MIN		
REL		P	V2	V3
0.00000	T	M2	M3	
0.00000	413.849951	-4311.609		5.21E-13
4.79E-15	1.49E-12	-12309.020		
0.25000	413.849951	-4252.871		5.14E-13
4.79E-15	1.37E-12	-11265.224		
0.50000	413.849951	-4194.133		5.07E-13
4.79E-15	1.24E-12	-10235.745		
0.75000	413.849951	-4135.396		5.00E-13
4.79E-15	1.12E-12	-9220.584		
1.00000	413.849951	-4076.658		4.93E-13
4.79E-15	9.99E-13	-8219.740		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	321.894688	-3456.671		4.18E-13
3.77E-15	1.17E-12	-9629.696		
0.25000	321.894688	-3397.933		4.11E-13
3.77E-15	1.07E-12	-8794.291		
0.50000	321.894688	-3339.196		4.04E-13
3.77E-15	9.68E-13	-7973.204		
0.75000	321.894688	-3280.458		3.97E-13
3.77E-15	8.70E-13	-7186.433		
1.00000	321.894688	-3221.720		3.89E-13
3.77E-15	7.75E-13	-6373.980		
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FRAME ELEMENT INTERNAL FORCES

COMB UEO03 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	460.907790	-2410.802		2.91E-13
5.34E-15	7.20E-13	-5923.829		
0.25000	460.907790	-2352.064		2.84E-13
5.34E-15	6.50E-13	-5343.355		
0.50000	460.907790	-2293.327		2.77E-13
5.34E-15	5.81E-13	-4777.198		
0.75000	460.907790	-2234.589		2.70E-13
5.34E-15	5.15E-13	-4225.358		
1.00000	460.907790	-2175.851		2.63E-13
5.34E-15	4.50E-13	-3687.836		

COMB UEO03 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	460.907790	-2410.802		2.91E-13
5.34E-15	7.20E-13	-5923.829		
0.25000	460.907790	-2352.064		2.84E-13
5.34E-15	6.50E-13	-5343.355		
0.50000	460.907790	-2293.327		2.77E-13
5.34E-15	5.81E-13	-4777.198		
0.75000	460.907790	-2234.589		2.70E-13
5.34E-15	5.15E-13	-4225.358		
1.00000	460.907790	-2175.851		2.63E-13
5.34E-15	4.50E-13	-3687.836		

COMB UEO04 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	530.017772	-3895.370		4.71E-13
6.09E-15	1.31E-12	-10758.326		
0.25000	530.017772	-3836.632		4.64E-13
6.09E-15	1.19E-12	-9815.988		
0.50000	530.017772	-3777.894		4.56E-13
6.09E-15	1.08E-12	-8887.968		
0.75000	530.017772	-3719.157		4.49E-13
6.09E-15	9.70E-13	-7974.265		
1.00000	530.017772	-3660.419		4.42E-13
6.09E-15	8.61E-13	-7074.879		

COMB UEO04 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	530.017772	-3895.370		4.71E-13
6.09E-15	1.31E-12	-10758.326		
0.25000	530.017772	-3836.632		4.64E-13
6.09E-15	1.19E-12	-9815.988		
0.50000	530.017772	-3777.894		4.56E-13
6.09E-15	1.08E-12	-8887.968		
0.75000	530.017772	-3719.157		4.49E-13
6.09E-15	9.70E-13	-7974.265		
1.00000	530.017772	-3660.419		4.42E-13
6.09E-15	8.61E-13	-7074.879		

COMB UEO05 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	410.466340	-2784.480		3.36E-13
4.75E-15	8.84E-13	-7277.340		
0.25000	410.466340	-2725.742		3.29E-13
4.75E-15	8.03E-13	-6605.782		
0.50000	410.466340	-2667.005		3.22E-13
4.75E-15	7.23E-13	-5948.541		
0.75000	410.466340	-2608.267		3.15E-13
4.75E-15	6.46E-13	-5305.617		
1.00000	410.466340	-2549.529		3.08E-13
4.75E-15	5.70E-13	-4677.011		

COMB UEO05 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	410.466340	-2784.480		3.36E-13
4.75E-15	8.84E-13	-7277.340		
0.25000	410.466340	-2725.742		3.29E-13
4.75E-15	8.03E-13	-6605.782		
0.50000	410.466340	-2667.005		3.22E-13
4.75E-15	7.23E-13	-5948.541		
0.75000	410.466340	-2608.267		3.15E-13
4.75E-15	6.46E-13	-5305.617		
1.00000	410.466340	-2549.529		3.08E-13
4.75E-15	5.70E-13	-4677.011		

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FRAME ELEMENT INTERNAL FORCES

COMB UEO06 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	273.190282	-4569.683		5.52E-13
5.57E-15	1.71E-12	-14069.613		
0.25000	273.190282	-4510.945		5.45E-13
5.57E-15	1.58E-12	-12962.912		
0.50000	273.190282	-4452.208		5.38E-13
5.57E-15	1.44E-12	-11870.527		
0.75000	273.190282	-4393.470		5.31E-13
5.57E-15	1.31E-12	-10792.460		
1.00000	273.190282	-4334.732		5.24E-13
5.57E-15	1.18E-12	-9728.711		

COMB UEO06 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	273.190282	-4569.683		5.52E-13
5.57E-15	1.71E-12	-14069.613		
0.25000	273.190282	-4510.945		5.45E-13
5.57E-15	1.58E-12	-12962.912		
0.50000	273.190282	-4452.208		5.38E-13
5.57E-15	1.44E-12	-11870.527		
0.75000	273.190282	-4393.470		5.31E-13
5.57E-15	1.31E-12	-10792.460		
1.00000	273.190282	-4334.732		5.24E-13
5.57E-15	1.18E-12	-9728.711		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	441.446120	-4567.561		5.52E-13
5.10E-15	1.59E-12	-13110.682		
0.25000	441.446120	-4508.823		5.45E-13
5.10E-15	1.46E-12	-12004.497		
0.50000	441.446120	-4450.085		5.38E-13
5.10E-15	1.32E-12	-10912.630		
0.75000	441.446120	-4391.348		5.31E-13
5.10E-15	1.19E-12	-9835.081		
1.00000	441.446120	-4332.610		5.24E-13
5.10E-15	1.07E-12	-8771.848		

COMB UEO07 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	441.446120	-4567.561		5.52E-13
5.10E-15	1.59E-12	-13110.682		
0.25000	441.446120	-4508.823		5.45E-13
5.10E-15	1.46E-12	-12004.497		
0.50000	441.446120	-4450.085		5.38E-13
5.10E-15	1.32E-12	-10912.630		
0.75000	441.446120	-4391.348		5.31E-13
5.10E-15	1.19E-12	-9835.081		
1.00000	441.446120	-4332.610		5.24E-13
5.10E-15	1.07E-12	-8771.848		

COMB UEO08 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	153.638850	-3458.793		4.18E-13
4.24E-15	1.29E-12	-10588.628		
0.25000	153.638850	-3400.056		4.11E-13
4.24E-15	1.19E-12	-9752.705		
0.50000	153.638850	-3341.318		4.04E-13
4.24E-15	1.09E-12	-8931.101		
0.75000	153.638850	-3282.580		3.97E-13
4.24E-15	9.89E-13	-8123.813		
1.00000	153.638850	-3223.843		3.90E-13
4.24E-15	8.93E-13	-7330.843		

COMB UEO08 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	153.638850	-3458.793		4.18E-13
4.24E-15	1.29E-12	-10588.628		
0.25000	153.638850	-3400.056		4.11E-13
4.24E-15	1.19E-12	-9752.705		
0.50000	153.638850	-3341.318		4.04E-13
4.24E-15	1.09E-12	-8931.101		
0.75000	153.638850	-3282.580		3.97E-13
4.24E-15	9.89E-13	-8123.813		
1.00000	153.638850	-3223.843		3.90E-13
4.24E-15	8.93E-13	-7330.843		

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COMB UEO09 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	321.894688	-3456.671		4.18E-13
3.77E-15	1.07E-12	-8794.291		
0.25000	321.894688	-3397.933		4.11E-13
3.77E-15	1.07E-12	-8794.291		
0.50000	321.894688	-3339.196		4.04E-13
3.77E-15	9.68E-13	-7973.204		
0.75000	321.894688	-3280.458		3.97E-13
3.77E-15	8.70E-13	-7186.433		
1.00000	321.894688	-3221.720		3.89E-13
3.77E-15	7.75E-13	-6373.980		

COMB UEO09 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	321.894688	-3456.671		4.18E-13
3.77E-15	1.07E-12	-8794.291		
0.25000	321.894688	-3397.933		4.11E-13
3.77E-15	1.07E-12	-8794.291		
0.50000	321.894688	-3339.196		4.04E-13
3.77E-15	9.68E-13	-7973.204		
0.75000	321.894688	-3280.458		3.97E-13
3.77E-15	8.70E-13	-7186.433		
1.00000	321.894688	-3221.720		3.89E-13
3.77E-15	7.75E-13	-6373.980		

COMB UEO10 ----- MAX

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	277.682307	-2280.214		2.75E-13
5.54E-15	7.93E-13	-6506.845		
0.25000	277.682307	-2224.414		2.68E-13
5.54E-15	7.26E-13	-5957.843		
0.50000	277.682307	-2168.613		2.62E-13
5.54E-15	6.62E-13	-5422.443		
0.75000	277.682307	-2112.812		2.55E-13
5.54E-15	5.99E-13	-4900.645		
1.00000	277.682307	-2057.011		2.48E-13
5.54E-15	5.37E-13	-4392.447		

COMB UEO10 ----- MIN

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	277.682307	-2280.214		2.75E-13
5.54E-15	7.93E-13	-6506.845		
0.25000	277.682307	-2224.414		2.68E-13
5.54E-15	7.26E-13	-5957.843		
0.50000	277.682307	-2168.613		2.62E-13
5.54E-15	6.62E-13	-5422.443		
0.75000	277.682307	-2112.812		2.55E-13
5.54E-15	5.99E-13	-4900.645		
1.00000	277.682307	-2057.011		2.48E-13
5.54E-15	5.37E-13	-4392.447		

COMB UEO11 ----- MAX

REL	DIST	P
-----	------	---

1.00000 321.862722 -5060.726 3.90E-13
3.76E-15 7.75E-13 -10345.084
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FRAME ELEMENT INTERNAL FORCES

COMB ENVOULT ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 616.173180 -6331.442 7.65E-13
7.10E-15 2.22E-12 -18277.755
0.25000 616.173180 -6255.083 7.56E-13
7.10E-15 2.03E-12 -16743.722 7.47E-13
0.50000 616.173180 -6178.725 7.38E-13
7.10E-15 1.85E-12 -15228.402 7.29E-13
0.75000 616.173180 -6102.366 7.29E-13
7.10E-15 1.67E-12 -13731.644
1.00000 616.173180 -6026.007
7.10E-15 1.49E-12 -12253.499

COMB ENVOULT ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 616.173180 -6331.442 7.65E-13
7.10E-15 2.22E-12 -18277.755
0.25000 616.173180 -6255.083 7.56E-13
7.10E-15 2.03E-12 -16743.722 7.47E-13
0.50000 616.173180 -6178.725 7.38E-13
7.10E-15 1.85E-12 -15228.402 7.29E-13
0.75000 616.173180 -6102.366 7.29E-13
7.10E-15 1.67E-12 -13731.644
1.00000 616.173180 -6026.007 7.29E-13
7.10E-15 1.49E-12 -12253.499

COMB ENVOECC ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 519.614363 -3456.671 6.40E-13
5.97E-15 1.87E-12 -9629.696
0.25000 519.614363 -3397.933 6.33E-13
5.97E-15 1.71E-12 -8794.291
0.50000 519.614363 -3339.196 6.26E-13
5.97E-15 1.56E-12 -7973.204 6.19E-13
0.75000 519.614363 -3280.458 6.19E-13
5.97E-15 1.41E-12 -7166.433 6.12E-13
1.00000 519.614363 -3221.720
5.97E-15 1.26E-12 -6373.980

COMB ENVOECC ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.894688 -5293.912 4.18E-13
3.77E-15 1.05E-12 -15496.148 4.11E-13
0.25000 321.894688 -5235.174 4.04E-13
3.77E-15 1.07E-12 -14103.478 4.04E-13
0.50000 321.894688 -5176.436 3.97E-13
3.77E-15 9.68E-13 -12834.563 3.89E-13
0.75000 321.894688 -5117.699
3.77E-15 8.70E-13 -11572.866
1.00000 321.894688 -5058.961
3.77E-15 7.75E-13 -10339.685

ELEM 6 ----- LENGTH =

0.225000

LOAD D -----

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3223.485 3.90E-13
3.76E-15 7.75E-13 -6379.379 3.88E-13
0.25000 321.862722 -3209.947 3.86E-13
3.76E-15 7.53E-13 -6198.439 3.86E-13
0.50000 321.862722 -3196.445 3.85E-13
3.76E-15 7.32E-13 -6018.259 3.85E-13
0.75000 321.862722 -3182.977 3.85E-13
3.76E-15 7.10E-13 -5838.838 3.83E-13
1.00000 321.862722 -3169.544
3.76E-15 6.88E-13 -5660.174

LOAD L1 -----

REL DIST T P M2 M3 V2 V3
0.00000 91.962640 -854.530601 1.03E-13
1.03E-15 2.24E-13 -1844.514
0.25000 91.962640 -854.530601 1.03E-13
1.03E-15 2.18E-13 -1796.446
0.50000 91.962640 -854.530601 1.03E-13
1.03E-15 2.13E-13 -1748.379
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REL DIST T P M2 M3 V2 V3
0.75000 91.962640 -854.530601 1.03E-13
1.03E-15 2.07E-13 -1700.312
1.00000 91.962640 -854.530601 1.03E-13
1.03E-15 2.01E-13 -1652.244

LOAD W-LO -----

REL DIST T P M2 M3 V2 V3
0.00000 -1.80E-16 -2.63E-15 -21.670541
24.152553 -16.856130 -2.07E-15
0.25000 -1.80E-18 -2.57E-15 -21.129043
24.152553 -15.652399 -1.93E-15
0.50000 -1.80E-18 -2.50E-15 -20.588938
24.152553 -14.479087 -1.78E-15
0.75000 -1.80E-18 -2.43E-15 -20.050224
24.152553 -13.336117 -1.65E-15
1.00000 -1.80E-18 -2.37E-15 -19.512903
24.152553 -12.223410 -1.51E-15

LOAD G-LO2 -----

REL DIST T P M2 M3 V2 V3
0.00000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -393.564877 -4.49E-14
0.25000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -386.165535 -4.40E-14
0.50000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -378.766193 -4.31E-14
0.75000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -371.366851 -4.22E-14
1.00000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -363.967509 -4.13E-14

LOAD E-LO -----

REL DIST T P M2 M3 V2 V3

0.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.25000 0.000000 0.000000 0.000000
0.50000 0.000000 0.000000 0.000000
0.75000 0.000000 0.000000 0.000000
1.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000

LOAD W-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 106.933155 804.514611 -9.77E-14
1.21E-15 -2.50E-13 2066.265
0.25000 106.933155 804.514611 -9.77E-14
1.21E-15 -2.44E-13 2021.011
0.50000 106.933155 804.514611 -9.77E-14
1.21E-15 -2.39E-13 1975.577
0.75000 106.933155 804.514611 -9.77E-14
1.21E-15 -2.33E-13 1930.503
1.00000 106.933155 804.514611 -9.77E-14
1.21E-15 -2.28E-13 1885.249

LOAD WL -----

REL DIST T P M2 M3 V2 V3
0.00000 14.665462 114.812798 -1.39E-14
1.53E-16 -3.29E-14 272.228407
0.25000 14.665462 114.812798 -1.39E-14
1.53E-16 -3.21E-14 265.770187
0.50000 14.665462 114.812798 -1.39E-14
1.53E-16 -3.13E-14 259.311967
0.75000 14.665462 114.812798 -1.39E-14
1.53E-16 -3.05E-14 252.853747
1.00000 14.665462 114.812798 -1.39E-14
1.53E-16 -2.98E-14 246.395527

LOAD G-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.09E-14 -735.047899
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REL DIST T P M2 M3 V2 V3
0.25000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.09E-14 -735.956071 1.32E-16
0.50000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.09E-14 -735.864242 1.32E-16
0.75000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.09E-14 -735.772414 1.32E-16
1.00000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.09E-14 -735.680586

LOAD E-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.50000 0.000000 0.000000 0.000000
0.75000 0.000000 0.000000 0.000000
1.00000 0.000000 0.000000 0.000000

LOAD Q1-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 0.024589 1.357184 -1.65E-16
2.63E-18 -5.02E-16 4.152609
0.25000 0.024589 1.357184 -1.65E-16
2.63E-18 -4.93E-16 4.076268
0.50000 0.024589 1.357184 -1.65E-16
2.63E-18 -4.83E-16 3.999288
0.75000 0.024589 1.357184 -1.65E-16
2.63E-18 -4.74E-16 3.923584
1.00000 0.024589 1.357184 -1.65E-16
2.63E-18 -4.65E-16 3.847243

LOAD COL-TR -----

REL DIST T P M2 M3 V2 V3
0.00000 0.055925 3.086710 -3.75E-16
5.98E-18 -1.14E-15 9.444481
0.25000 0.055925 3.086710 -3.75E-16
5.98E-18 -1.12E-15 9.270854
0.50000 0.055925 3.086710 -3.75E-16
5.98E-18 -1.10E-15 9.097227
0.75000 0.055925 3.086710 -3.75E-16
5.98E-18 -1.08E-15 8.925989
1.00000 0.055925 3.086710 -3.75E-16
5.98E-18 -1.06E-15 8.749972

COMB SVB01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -4078.015 4.93E-13
4.79E-15 1.00E-12 -8223.893 4.91E-13
0.25000 413.825362 -4064.478 4.90E-13
4.79E-15 9.72E-13 -7994.885 4.88E-13
0.50000 413.825362 -4037.507 4.86E-13
4.79E-15 9.17E-13 -7539.150 4.86E-13
0.75000 413.825362 -4024.074 4.86E-13
4.79E-15 8.89E-13 -7312.418

COMB SVB01 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -4078.015 4.93E-13
4.79E-15 1.00E-12 -8223.893 4.91E-13
0.25000 413.825362 -4064.478 4.90E-13
4.79E-15 9.72E-13 -7994.885 4.88E-13
0.50000 413.825362 -4037.507 4.86E-13
4.79E-15 9.17E-13 -7539.150 4.86E-13
0.75000 413.825362 -4024.074 4.86E-13
4.79E-15 8.89E-13 -7312.418
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COMB SVB02 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3223.485 3.90E-13
3.76E-15 7.75E-13 -6379.379 3.88E-13
0.25000 321.862722 -3209.947 3.86E-13
3.76E-15 7.53E-13 -6198.439 3.86E-13
0.50000 321.862722 -3196.445 3.85E-13
3.76E-15 7.32E-13 -6018.259 3.85E-13
0.75000 321.862722 -3182.977 3.85E-13
3.76E-15 7.10E-13 -5838.838 3.83E-13
1.00000 321.862722 -3169.544 3.83E-13
3.76E-15 6.88E-13 -5660.174

COMB SVB02 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3223.485 3.90E-13
3.76E-15 7.75E-13 -6379.379 3.88E-13
0.25000 321.862722 -3209.947 3.86E-13
3.76E-15 7.53E-13 -6198.439 3.86E-13
0.50000 321.862722 -3196.445 3.85E-13
3.76E-15 7.32E-13 -6018.259 3.85E-13
0.75000 321.862722 -3182.977 3.85E-13
3.76E-15 7.10E-13 -5838.838 3.83E-13
1.00000 321.862722 -3169.544 3.83E-13
3.76E-15 6.88E-13 -5660.174

COMB SVB03 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3223.485 -21.670541
24.152553 -16.856130 -6379.379 -21.129043
0.25000 321.862722 -3209.947 -21.129043
24.152553 15.652399 -6198.439 -20.588938
0.50000 321.862722 -3196.445 -20.588938
24.152553 -14.479087 -6018.259 -20.050224
0.75000 321.862722 -3182.977 -19.512903
24.152553 -13.336117 -5838.838
1.00000 321.862722 -3169.544
24.152553 -12.223410 -5660.174

COMB SVB03 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3223.485 -21.670541
24.152553 -16.856130 -6379.379 -21.129043
0.25000 321.862722 -3209.947 -21.129043
24.152553 15.652399 -6198.439 -20.588938
0.50000 321.862722 -3196.445 -20.588938
24.152553 -14.479087 -6018.259 -20.050224
0.75000 321.862722 -3182.977 -19.512903
24.152553 -13.336117 -5838.838
1.00000 321.862722 -3169.544 -19.512903
24.152553 -12.223410 -5660.174

COMB SVB04 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -4078.015 -10.835270
12.076277 -8.428065 -8223.893 -10.564522
0.25000 413.825362 -4064.478 -10.564522
12.076277 -7.826199 -7994.885 -10.294469
0.50000 413.825362 -4050.975 -10.294469
12.076277 -7.239543 -7766.638 -10.025112
0.75000 413.825362 -4037.507 -9.756452
12.076277 -6.668058 -7539.150
1.00000 413.825362 -4024.074 -9.756452
12.076277 -6.111705 -7312.418

COMB SVB04 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -4078.015 -10.835270
12.076277 -8.428065 -8223.893 -10.564522
0.25000 413.825362 -4064.478 -10.564522
12.076277 -7.826199 -7994.885 -10.294469
0.50000 413.825362 -4050.975 -10.294469
12.076277 -7.239543 -7766.638 -10.025112
0.75000 413.825362 -4037.507 -9.756452
12.076277 -6.668058 -7539.150
1.00000 413.825362 -4024.074 -9.756452
12.076277 -6.111705 -7312.418
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FRAME ELEMENT INTERNAL FORCES

COMB SVB05 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3223.485 3.90E-13
3.76E-15 7.75E-13 -6379.379 3.88E-13
0.25000 321.862722 -3209.947 3.86E-13
3.76E-15 7.53E-13 -6198.439 3.86E-13
0.50000 321.862722 -3196.445 3.85E-13
3.76E-15 7.32E-13 -6018.259 3.85E-13
0.75000 321.862722 -3182.977 3.85E-13
3.76E-15 7.10E-13 -5838.838 3.83E-13
1.00000 321.862722 -3169.544 3.83E-13
3.76E-15 6.88E-13 -5660.174

COMB SVB05 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -3223.485 -10.835270
3.76E-15 7.75E-13 -6379.379 -10.564522
0.25000 321.862722 -3209.947 -10.564522
3.76E-15 7.53E-13 -6198.439 -10.294469
0.50000 321.862722 -3196.445 -10.294469
3.76E-15 7.32E-13 -6018.259 -10.025112
0.75000 321.862722 -3182.977 -9.756452
3.76E-15 7.10E-13 -5838.838
1.00000 321.862722 -3169.544 -9.756452
3.76E-15 6.88E-13 -5660.174

COMB SVB05 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -4078.015 -131.543858
-215.669164 -393.564877 -8223.893 -131.543858
0.25000 413.825362 -4064.478 -131.543858
-215.669164 -386.165535 -7994.885 -131.543858
0.50000 413.825362 -4050.975 -131.543858
-215.669164 -378.766193 -7766.638 -131.543858
0.75000 413.825362 -4037.507 -131.543858
-215.669164 -371.366851 -7539.150 -131.543858
1.00000 413.825362 -4024.074 -131.543858
-215.669164 -363.967509 -7312.418

COMB SVB06 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -4078.015 -131.543858
-215.669164 -393.564877 -8223.893 -131.543858
0.25000 413.825362 -4064.478 -131.543858
-215.669164 -386.165535 -7994.885 -131.543858
0.50000 413.825362 -4050.975 -131.543858
-215.669164 -378.766193 -7766.638 -131.543858
0.75000 413.825362 -4037.507 -131.543858
-215.669164 -371.366851 -7539.150 -131.543858
1.00

24.150000	321.862722	-3223.485	-21.670541	2.076277	-6.668058	-5838.838		15.699160	-9.411406	-7823.373		REL DIST	P	V2	V3	
0.00000	-16.856130	-6379.379		1.00000	321.862722	-3169.544	-9.756452	0.75000	418.421538	-4137.870	-13.032646	T	M2	M3		
0.25000	321.862722	-3209.947	-21.129043	12.076277	-6.111705	-5660.174		15.699160	-8.668476	-7590.489						
24.152553	-15.652399	-6198.439						1.00000	418.421538	-4120.407	-12.683387	0.00000	402.328402	-4029.356	-191.517999	
0.50000	321.862722	-3196.445	-20.588938	COMB	ULB01	-----	MAX	15.699160	-7.945217	-7358.226						
24.152553	-14.479087	-6018.259		REL DIST	T	P	V2	COMB	ULB05	-----	MIN					
0.75000	321.862722	-3182.977	-20.050224	1.00000	616.141214	-6027.771	7.29E-13	REL DIST	T	P	V2	V3				
24.152553	-13.36117	-5838.838		7.01E-15	1.49E-12	-12258.897		0.00000	418.421538	-4190.530	-14.085852					
1.00000	321.862722	-3169.544	-19.512903	0.25000	616.141214	-6010.172	7.27E-13	15.699160	-10.956485	-8293.192						
24.152553	-12.223410	-5660.174		7.01E-15	1.41E-12	-11582.752	7.24E-13	0.25000	418.421538	-4172.931	-13.733878					
COMB	SVB11	-----	MIN	0.50000	616.141214	-5992.619	7.22E-13	15.699160	-10.174059	-8057.970						
REL DIST	T	P	V2	7.01E-15	1.41E-12	-11582.752		0.50000	418.421538	-4155.378	-13.382810	COMB	ULB10	-----	MIN	
0.00000	321.862722	-3223.485	-21.670541	0.75000	616.141214	-6027.771	7.29E-13	0.75000	418.421538	-4137.870	-13.032646	REL DIST	T	P	V2	V3
24.152553	-16.856130	-6379.379		7.01E-15	1.45E-12	-11920.332	7.20E-13	15.699160	-8.668476	-7590.489						
0.25000	321.862722	-3209.947	-21.129043	0.50000	616.141214	-5992.619	7.24E-13	0.25000	418.421538	-4172.931	-12.683387	0.00000	402.328402	-4029.356	-191.517999	
24.152553	-15.652399	-6198.439		7.01E-15	1.41E-12	-11582.752		15.699160	-7.945217	-7358.226						
0.50000	321.862722	-3196.445	-20.588938	0.75000	616.141214	-6027.771	7.29E-13	0.50000	418.421538	-4155.378	-13.382810	COMB	ULB10	-----	MIN	
24.152553	-14.479087	-6018.259		7.01E-15	1.37E-12	-11246.160	7.22E-13	0.75000	418.421538	-4137.870	-13.032646	REL DIST	T	P	V2	V3
0.75000	321.862722	-3182.977	-20.050224	1.00000	616.141214	-5957.648	7.20E-13	15.699160	-10.956485	-8293.192						
24.152553	-13.36117	-5838.838		7.01E-15	1.33E-12	-10910.551		0.25000	418.421538	-4172.931	-13.733878	0.25000	402.328402	-4012.434	-190.841127	
1.00000	321.862722	-3169.544	-19.512903	COMB	ULB01	-----	MIN	0.50000	418.421538	-4155.378	-13.382810	0.50000	402.328402	-3995.556	-190.165995	
24.152553	-12.223410	-5660.174		REL DIST	T	P	V2	COMB	ULB06	-----	MAX	0.75000	402.328402	-3972.824	-189.492603	
COMB	SVB12	-----	MAX	0.00000	616.141214	-6027.771	7.29E-13	REL DIST	T	P	V2	V3	0.00000	402.328402	-3995.556	-190.165995
REL DIST	T	P	V2	7.01E-15	1.49E-12	-12258.897		0.00000	537.972970	-5301.420	-171.007016	0.25000	402.328402	-4012.434	-190.841127	
0.00000	321.862722	-3223.485	-21.670541	0.25000	616.141214	-6010.172	7.27E-13	-280.369913	-511.634341	-10691.060		0.50000	402.328402	-3995.556	-190.165995	
24.152553	-16.856130	-6379.379		7.01E-15	1.45E-12	-11920.332	7.24E-13	0.25000	418.421538	-4172.931	-13.733878	0.75000	402.328402	-3972.824	-189.492603	
0.25000	321.862722	-3209.947	-21.129043	0.50000	616.141214	-5992.619	7.22E-13	15.699160	-10.174059	-8057.970		0.00000	402.328402	-4029.356	-191.517999	
24.152553	-15.652399	-6198.439		7.01E-15	1.41E-12	-11582.752		0.00000	537.972970	-5301.420	-171.007016	0.25000	402.328402	-4012.434	-190.841127	
0.50000	321.862722	-3196.445	-20.588938	0.75000	616.141214	-6027.771	7.29E-13	-280.369913	-502.015196	-10393.351		0.50000	402.328402	-3995.556	-190.165995	
24.152553	-14.479087	-6018.259		7.01E-15	1.37E-12	-11246.160	7.22E-13	0.25000	418.421538	-4172.931	-13.733878	0.75000	402.328402	-3972.824	-189.492603	
0.75000	321.862722	-3182.977	-20.050224	1.00000	616.141214	-5957.648	7.20E-13	-280.369913	-492.396051	-10096.630		0.00000	402.328402	-4029.356	-191.517999	
24.152553	-13.36117	-5838.838		7.01E-15	1.33E-12	-10910.551		0.50000	418.421538	-4155.378	-13.382810	0.25000	402.328402	-4012.434	-190.841127	
1.00000	321.862722	-3169.544	-19.512903	COMB	ULB01	-----	MIN	0.75000	418.421538	-4137.870	-13.032646	0.50000	402.328402	-3995.556	-190.165995	
24.152553	-12.223410	-5660.174		REL DIST	T	P	V2	COMB	ULB06	-----	MAX	0.75000	402.328402	-3972.824	-189.492603	
COMB	SVB12	-----	MAX	0.00000	616.141214	-6027.771	7.29E-13	REL DIST	T	P	V2	V3	0.00000	402.328402	-3995.556	-190.165995
REL DIST	T	P	V2	7.01E-15	1.49E-12	-12258.897		0.00000	537.972970	-5301.420	-171.007016	0.25000	402.328402	-4012.434	-190.841127	
0.00000	321.862722	-3223.485	-21.670541	0.25000	616.141214	-6010.172	7.27E-13	-280.369913	-511.634341	-10691.060		0.50000	402.328402	-3995.556	-190.165995	
24.152553	-16.856130	-6379.379		7.01E-15	1.45E-12	-11920.332	7.24E-13	0.25000	418.421538	-4172.931	-13.733878	0.75000	402.328402	-3972.824	-189.492603	
0.25000	321.862722	-3209.947	-21.129043	0.50000	616.141214	-5992.619	7.22E-13	15.699160	-10.174059	-8057.970		0.00000	402.328402	-4029.356	-191.517999	
24.152553	-15.652399	-6198.439		7.01E-15	1.41E-12	-11582.752		0.00000	537.972970	-5301.420	-171.007016	0.25000	402.328402	-4012.434	-190.841127	
0.50000	321.862722	-3196.445	-20.588938	0.75000	616.141214	-6027.771	7.29E-13	-280.369913	-502.015196	-10393.351		0.50000	402.328402	-3995.556	-190.165995	
24.152553	-14.479087	-6018.259		7.01E-15	1.37E-12	-11246.160	7.22E-13	0.25000	418.421538	-4172.931	-13.733878	0.75000	402.328402	-3972.824	-189.492603	
0.75000	321.862722	-3182.977	-20.050224	1.00000	616.141214	-5957.648	7.20E-13	-280.369913	-492.396051	-10096.630		0.00000	402.328402	-4029.356	-191.517999	
24.152553	-13.36117	-5838.838		7.01E-15	1.33E-12	-10910.551		0.50000	418.421538	-4155.378	-13.382810	0.25000	402.328402	-4012.434	-190.841127	
1.00000	321.862722	-3169.544	-19.512903	COMB	ULB01	-----	MIN	0.75000	418.421538	-4137.870	-13.032646	0.50000	402.328402	-3995.556	-190.165995	
24.152553	-12.223410	-5660.174		REL DIST	T	P	V2	COMB	ULB06	-----	MAX	0.75000	402.328402	-3972.824	-189.492603	
COMB	SVB12	-----	MAX	0.00000	616.141214	-6027.771	7.29E-13	REL DIST	T	P	V2	V3	0.00000	402.328402	-3995.556	-190.165995
REL DIST	T	P	V2	7.01E-15	1.49E-12	-12258.897		0.00000	537.972970	-5301.420	-171.007016	0.25000	402.328402	-4012.434	-190.841127	
0.00000	321.862722	-3223.485	-21.670541	0.25000	616.141214	-6010.172	7.27E-13	-280.369913	-511.634341	-10691.060		0.50000	402.328402	-3995.556	-190.165995	
24.152553	-16.856130	-6379.379		7.01E-15	1.45E-12	-11920.332	7.24E-13	0.25000	418.421538	-4172.931	-13.733878	0.75000	402.328402	-3972.824	-189.492603	
0.25000	321.862722	-3209.947	-21.129043	0.50000	616.141214	-5992.619	7.22E-13	15.699160	-10.174059	-8057.970		0.00000	402.328402	-4029.356	-191.517999	
24.152553	-15.652399	-6198.439		7.01E-15	1.41E-12	-11582.752		0.00000	537.972970	-5301.420	-171.007016	0.25000	402.328402	-4012.434	-190.841127	
0.50000	321.862722	-3196.445	-20.588938	0.75000	616.141214	-6027.771	7.29E-13	-280.369913	-502.015196	-10393.351		0.50000	402.328402	-3995.556	-190.165995	
24.152553	-14.479087	-6018.259		7.01E-15	1.37E-12	-11246.160	7.22E-13	0.25000	418.421538	-4172.931	-13.733878	0.75000	402.328402	-3972.824	-189.492603	
0.75000	321.862722	-3182.977	-20.050224	1.00000	616.141214	-5957.648	7.20E-13	-280.369913	-492.396051	-10096.630		0.00000	402.328402	-4029.356	-191.517999	
24.152553	-13.36117	-5838.838		7.01E-15	1.33E-12	-10910.551		0.50000	418.421538	-4155.378	-13.382810	0.25000	402.328402	-4012.434	-190.841127	
1.00000	321.862722	-3169.544	-19.512903	COMB	ULB01	-----	MIN	0.75000	418.421538	-4137.870	-13.032646	0.50000	402.328402	-3995.556	-190.165995	
24.152553	-12.223410	-5660.174		REL DIST	T	P	V2	COMB	ULB06	-----	MAX	0.75000	402.328402	-3972.824	-189.492603	
COMB	SVB12	-----	MAX	0.00000	616.141214	-6027.771	7.29E-13	REL DIST	T	P	V2	V3	0.00000	402.328402	-3995.556	-190.165995
REL DIST	T	P	V2	7.01E-15	1.49E-12	-12258.897		0.00000	537.972970	-5301.420	-171.007016	0.25000	402.328402	-4012.434	-190.841127	
0.00000	321.862722	-3223.485	-21.670541	0.25000	616.141214	-6010.172	7.27E-13	-280.369913	-511.634341	-10691.060		0.50000	402.328402	-3995.556	-190.165995	
24.152553	-16.856130	-6379.379		7.01E-15	1.45E-12	-11920.332	7.24E-13	0.25000	418.421538	-4172.931	-13.733878	0.75000	402.328402	-3972.824	-189.492603	
0.25000	321.862722	-3209.947	-21.129043	0.50000	616.141214	-5992.619	7.22E-13	15.699160	-10.174059	-8057.970		0.00000	402.328402	-4029.356	-191.517999	
24.152553	-15.652399	-6198.439		7.01E-15	1.41E-12	-11582.752		0.00000	537.972970	-5301.420	-171.007016	0.25000	402.328402	-4012.434	-190.841127	
0.50000	321.862722	-3196.445	-20.588938	0.75000	616.141214	-6027.771	7.29E-13	-280.369913	-502.015196	-10393.351		0.50000	402.328402	-3995.556	-190.165995	
24.152553	-14.479087	-6018.259		7.01E-15	1.37E-12	-11246.160	7.22E-13	0.25000								

COMB ULB14 ----- MIN										COMB UEB01 ----- MIN										COMB UEB06 ----- MAX										COMB UEB07 ----- MIN										COMB UEB08 ----- MAX										COMB UEB09 ----- MIN										COMB UEB10 ----- MIN										COMB UEB11 ----- MIN										COMB UEB12 ----- MAX										COMB UEB13 ----- MIN										COMB UEB14 ----- MAX										COMB UEB15 ----- MIN										COMB UEB16 ----- MAX										COMB UEB17 ----- MAX										COMB UEB18 ----- MAX										COMB UEB19 ----- MIN										COMB UEB20 ----- MAX										COMB UEB21 ----- MIN										COMB UEB22 ----- MAX										COMB UEB23 ----- MIN										COMB UEB24 ----- MAX										COMB UEB25 ----- MIN										COMB UEB26 ----- MAX										COMB UEB27 ----- MIN										COMB UEB28 ----- MAX										COMB UEB29 ----- MIN										COMB UEB30 ----- MAX										COMB UEB31 ----- MIN										COMB UEB32 ----- MAX										COMB UEB33 ----- MIN										COMB UEB34 ----- MAX										COMB UEB35 ----- MIN										COMB UEB36 ----- MAX										COMB UEB37 ----- MIN										COMB UEB38 ----- MAX										COMB UEB39 ----- MIN										COMB UEB40 ----- MAX										COMB UEB41 ----- MIN										COMB UEB42 ----- MAX										COMB UEB43 ----- MIN										COMB UEB44 ----- MAX										COMB UEB45 ----- MIN										COMB UEB46 ----- MAX										COMB UEB47 ----- MIN										COMB UEB48 ----- MAX										COMB UEB49 ----- MIN										COMB UEB50 ----- MAX										COMB UEB51 ----- MIN										COMB UEB52 ----- MAX										COMB UEB53 ----- MIN										COMB UEB54 ----- MAX										COMB UEB55 ----- MIN										COMB UEB56 ----- MAX										COMB UEB57 ----- MIN										COMB UEB58 ----- MAX										COMB UEB59 ----- MIN										COMB UEB60 ----- MAX										COMB UEB61 ----- MIN										COMB UEB62 ----- MAX										COMB UEB63 ----- MIN										COMB UEB64 ----- MAX										COMB UEB65 ----- MIN										COMB UEB66 ----- MAX										COMB UEB67 ----- MIN										COMB UEB68 ----- MAX										COMB UEB69 ----- MIN										COMB UEB70 ----- 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0.50000 305.769586 -3036.622 -12.868086
15.095346 -9.049429 -5717.346
0.75000 305.769586 -3023.828 -12.531390
15.095346 -8.335073 -5546.896
1.00000 305.769586 -3011.067 -12.195565
15.095346 -7.639632 -5377.165

COMB UEB15 ----- MIN
REL DIST T P M2 V2 V3
0.00000 305.769586 -3062.310 -13.544088
15.095346 -10.535081 -6060.410
0.25000 305.769586 -3049.450 -13.205652
15.095346 -9.782749 -5888.517
0.50000 305.769586 -3036.622 -12.868086
15.095346 -9.049429 -5717.346
0.75000 305.769586 -3023.828 -12.531390
15.095346 -8.335073 -5546.896
1.00000 305.769586 -3011.067 -12.195565
15.095346 -7.639632 -5377.165

COMB UEB16 ----- MAX
REL DIST T P M2 V2 V3
0.00000 321.862722 -3223.485 3.90E-13
3.76E-15 7.75E-13 -6379.379 3.88E-13
0.25000 321.862722 -3209.947 3.88E-13
3.76E-15 7.53E-13 -6198.439 3.86E-13
0.50000 321.862722 -3196.445 3.86E-13
3.76E-15 7.32E-13 -6018.259 3.85E-13
0.75000 321.862722 -3182.977 3.85E-13
3.76E-15 7.10E-13 -5838.838 3.83E-13
1.00000 321.862722 -3169.544 3.83E-13
3.76E-15 6.88E-13 -5660.174

COMB UEB16 ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.862722 -3223.485 3.90E-13
3.76E-15 7.75E-13 -6379.379 3.88E-13
0.25000 321.862722 -3209.947 3.88E-13
3.76E-15 7.53E-13 -6198.439 3.86E-13
0.50000 321.862722 -3196.445 3.86E-13
3.76E-15 7.32E-13 -6018.259 3.85E-13
0.75000 321.862722 -3182.977 3.85E-13
3.76E-15 7.10E-13 -5838.838 3.83E-13
1.00000 321.862722 -3169.544 3.83E-13
3.76E-15 6.88E-13 -5660.174
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FRAME ELEMENT INTERNAL FORCES
COMB UEB17 ----- MAX
REL DIST T P M2 V2 V3
0.00000 441.411454 -4334.375 5.24E-13
5.10E-15 1.07E-12 -8777.247 5.22E-13
0.25000 441.411454 -4320.837 5.22E-13
5.10E-15 1.04E-12 -8533.819 5.21E-13
0.50000 441.411454 -4307.334 5.21E-13
5.10E-15 1.01E-12 -8291.152 5.19E-13
0.75000 441.411454 -4293.867 5.19E-13
5.10E-15 9.98E-13 -8049.243 5.17E-13
1.00000 441.411454 -4280.434 5.17E-13
5.10E-15 9.50E-13 -7808.091

COMB UEB17 ----- MIN
REL DIST T P M2 V2 V3
0.00000 441.411454 -4334.375 5.24E-13
5.10E-15 1.07E-12 -8777.247 5.22E-13
0.25000 441.411454 -4320.837 5.22E-13
5.10E-15 1.04E-12 -8533.819 5.21E-13
0.50000 441.411454 -4307.334 5.21E-13
5.10E-15 1.01E-12 -8291.152 5.19E-13
0.75000 441.411454 -4293.867 5.19E-13
5.10E-15 9.98E-13 -8049.243 5.17E-13
1.00000 441.411454 -4280.434 5.17E-13
5.10E-15 9.50E-13 -7808.091

COMB UEB18 ----- MAX
REL DIST T P M2 V2 V3
0.00000 289.676450 -2901.136 -26.004649
28.983064 -20.227356 -5741.441 -25.354852
0.25000 289.676450 -2888.953 -25.354852
28.983064 -18.782878 -5578.595 -24.706725
0.50000 289.676450 -2876.800 -24.706725
28.983064 -17.374904 -5416.433 -24.060269
0.75000 289.676450 -2864.679 -24.060269
28.983064 -16.003340 -5254.954 -23.415484
1.00000 289.676450 -2852.589 -23.415484
28.983064 -14.668093 -5094.156

COMB UEB18 ----- MIN
REL DIST T P M2 V2 V3
0.00000 289.676450 -2901.136 -26.004649
28.983064 -20.227356 -5741.441 -25.354852
0.25000 289.676450 -2888.953 -25.354852
28.983064 -18.782878 -5578.595 -24.706725
0.50000 289.676450 -2876.800 -24.706725
28.983064 -17.374904 -5416.433 -24.060269
0.75000 289.676450 -2864.679 -24.060269
28.983064 -16.003340 -5254.954 -23.415484
1.00000 289.676450 -2852.589 -23.415484
28.983064 -14.668093 -5094.156

COMB SVO01 ----- MAX
REL DIST T P M2 V2 V3
0.00000 390.019351 -2705.057 3.27E-13
4.52E-15 6.17E-13 -5069.865 3.25E-13
0.25000 390.019351 -2691.520 3.25E-13
4.52E-15 5.99E-13 -4918.087 3.24E-13
0.50000 390.019351 -2678.017 3.24E-13
4.52E-15 5.80E-13 -4767.068 3.22E-13
0.75000 390.019351 -2664.550 3.20E-13
4.52E-15 5.62E-13 -4616.809 3.20E-13
1.00000 390.019351 -2651.116 3.20E-13
4.52E-15 5.44E-13 -4467.306

COMB SVO01 ----- MIN
REL DIST T P M2 V2 V3
0.00000 390.019351 -2705.057 3.27E-13
4.52E-15 6.17E-13 -5069.865 3.25E-13
0.25000 390.019351 -2691.520 3.25E-13
4.52E-15 5.99E-13 -4918.087 3.24E-13
0.50000 390.019351 -2678.017 3.24E-13
4.52E-15 5.80E-13 -4767.068 3.22E-13
0.75000 390.019351 -2664.550 3.20E-13
4.52E-15 5.62E-13 -4616.809 3.20E-13
1.00000 390.019351 -2651.116 3.20E-13
4.52E-15 5.44E-13 -4467.306

REL DIST T P M2 V2 V3
0.00000 413.849951 -4076.658 4.93E-13
4.79E-15 9.99E-13 -8219.740 4.91E-13
0.25000 413.849951 -4063.121 4.91E-13
4.79E-15 9.71E-13 -7990.809 4.90E-13
0.50000 413.849951 -4049.618 4.90E-13
4.79E-15 9.44E-13 -7762.638 4.88E-13
0.75000 413.849951 -4036.150 4.88E-13
4.79E-15 9.16E-13 -7535.226 4.86E-13
1.00000 413.849951 -4022.717 4.86E-13
4.79E-15 8.89E-13 -7308.571
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FRAME ELEMENT INTERNAL FORCES
COMB SVO02 ----- MAX
REL DIST T P M2 V2 V3
0.00000 321.887311 -3222.128 3.90E-13
3.76E-15 7.75E-13 -6375.226 3.88E-13
0.25000 321.887311 -3208.590 3.88E-13
3.76E-15 7.53E-13 -6194.362 3.86E-13
0.50000 321.887311 -3195.087 3.86E-13
3.76E-15 7.31E-13 -6014.259 3.85E-13
0.75000 321.887311 -3181.620 3.85E-13
3.76E-15 7.09E-13 -5834.914 3.83E-13
1.00000 321.887311 -3168.187 3.83E-13
3.76E-15 6.88E-13 -5656.326

COMB SVO02 ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.887311 -3222.128 3.90E-13
3.76E-15 7.75E-13 -6375.226 3.88E-13
0.25000 321.887311 -3208.590 3.88E-13
3.76E-15 7.53E-13 -6194.362 3.86E-13
0.50000 321.887311 -3195.087 3.86E-13
3.76E-15 7.31E-13 -6014.259 3.85E-13
0.75000 321.887311 -3181.620 3.85E-13
3.76E-15 7.09E-13 -5834.914 3.83E-13
1.00000 321.887311 -3168.187 3.83E-13
3.76E-15 6.88E-13 -5656.326

COMB SVO03 ----- MAX
REL DIST T P M2 V2 V3
0.00000 428.820466 -2417.613 2.92E-13
4.98E-15 5.25E-13 -4308.961 2.90E-13
0.25000 428.820466 -2404.075 2.90E-13
4.98E-15 5.09E-13 -4173.351 2.89E-13
0.50000 428.820466 -2390.573 2.89E-13
4.98E-15 4.92E-13 -4038.502 2.87E-13
0.75000 428.820466 -2377.105 2.87E-13
4.98E-15 4.76E-13 -3904.411 2.85E-13
1.00000 428.820466 -2363.672 2.85E-13
4.98E-15 4.60E-13 -3771.077

COMB SVO03 ----- MIN
REL DIST T P M2 V2 V3
0.00000 428.820466 -2417.613 2.92E-13
4.98E-15 5.25E-13 -4308.961 2.90E-13
0.25000 428.820466 -2404.075 2.90E-13
4.98E-15 5.09E-13 -4173.351 2.89E-13
0.50000 428.820466 -2390.573 2.89E-13
4.98E-15 4.92E-13 -4038.502 2.87E-13
0.75000 428.820466 -2377.105 2.87E-13
4.98E-15 4.76E-13 -3904.411 2.85E-13
1.00000 428.820466 -2363.672 2.85E-13
4.98E-15 4.60E-13 -3771.077

COMB SVO04 ----- MAX
REL DIST T P M2 V2 V3
0.00000 481.981991 -3559.588 4.30E-13
5.55E-15 8.41E-13 -6914.379 4.28E-13
0.25000 481.981991 -3546.051 4.28E-13
5.55E-15 8.17E-13 -6714.533 4.27E-13
0.50000 481.981991 -3532.548 4.27E-13
5.55E-15 7.93E-13 -6515.448 4.25E-13
0.75000 481.981991 -3519.080 4.25E-13
5.55E-15 7.69E-13 -6317.121 4.24E-13
1.00000 481.981991 -3505.647 4.24E-13
5.55E-15 7.45E-13 -6119.550

COMB SVO04 ----- MIN
REL DIST T P M2 V2 V3
0.00000 481.981991 -3559.588 4.30E-13
5.55E-15 8.41E-13 -6914.379 4.28E-13
0.25000 481.981991 -3546.051 4.28E-13
5.55E-15 8.17E-13 -6714.533 4.27E-13
0.50000 481.981991 -3532.548 4.27E-13
5.55E-15 7.93E-13 -6515.448 4.25E-13
0.75000 481.981991 -3519.080 4.25E-13
5.55E-15 7.69E-13 -6317.121 4.24E-13
1.00000 481.981991 -3505.647 4.24E-13
5.55E-15 7.45E-13 -6119.550
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FRAME ELEMENT INTERNAL FORCES
COMB SVO05 ----- MAX
REL DIST T P M2 V2 V3
0.00000 390.019351 -2705.057 3.27E-13
4.52E-15 6.17E-13 -5069.865 3.25E-13
0.25000 390.019351 -2691.520 3.25E-13
4.52E-15 5.99E-13 -4918.087 3.24E-13
0.50000 390.019351 -2678.017 3.24E-13
4.52E-15 5.80E-13 -4767.068 3.22E-13
0.75000 390.019351 -2664.550 3.20E-13
4.52E-15 5.62E-13 -4616.809 3.20E-13
1.00000 390.019351 -2651.116 3.20E-13
4.52E-15 5.44E-13 -4467.306

COMB SVO05 ----- MIN
REL DIST T P M2 V2 V3
0.00000 390.019351 -2705.057 3.27E-13
4.52E-15 6.17E-13 -5069.865 3.25E-13
0.25000 390.019351 -2691.520 3.25E-13
4.52E-15 5.99E-13 -4918.087 3.24E-13
0.50000 390.019351 -2678.017 3.24E-13
4.52E-15 5.80E-13 -4767.068 3.22E-13
0.75000 390.019351 -2664.550 3.20E-13
4.52E-15 5.62E-13 -4616.809 3.20E-13
1.00000 390.019351 -2651.116 3.20E-13
4.52E-15 5.44E-13 -4467.306

COMB SVO06 ----- MAX
REL DIST T P M2 V2 V3
0.00000 284.422384 -4078.291 4.93E-13
5.15E-15 1.09E-12 -8955.788 4.91E-13
0.25000 284.422384 -4064.753 4.91E-13
5.15E-15 1.06E-12 -8726.765 4.90E-13
0.50000 284.422384 -4051.251 4.90E-13
5.15E-15 1.03E-12 -8498.502 4.88E-13
0.75000 284.422384 -4037.783 4.88E-13
5.15E-15 1.01E-12 -8270.999 4.86E-13
1.00000 284.422384 -4024.350 4.86E-13
5.15E-15 9.80E-13 -8044.251

COMB SVO06 ----- MIN
REL DIST T P M2 V2 V3
0.00000 284.422384 -4078.291 4.93E-13
5.15E-15 1.09E-12 -8955.788 4.91E-13
0.25000 284.422384 -4064.753 4.91E-13
5.15E-15 1.06E-12 -8726.765 4.90E-13
0.50000 284.422384 -4051.251 4.90E-13
5.15E-15 1.03E-12 -8498.502 4.88E-13
0.75000 284.422384 -4037.783 4.88E-13
5.15E-15 1.01E-12 -8270.999 4.86E-13
1.00000 284.422384 -4024.350 4.86E-13
5.15E-15 9.80E-13 -8044.251

COMB SVO07 ----- MAX
REL DIST T P M2 V2 V3
0.00000 413.849951 -4076.658 4.93E-13
4.79E-15 9.99E-13 -8219.740 4.91E-13
0.25000 413.849951 -4063.121 4.91E-13
4.79E-15 9.71E-13 -7990.809 4.90E-13
0.50000 413.849951 -4049.618 4.88E-13
4.79E-15 9.44E-13 -7762.638 4.86E-13
0.75000 413.849951 -4036.150 4.86E-13
4.79E-15 9.16E-13 -7535.226 4.86E-13
1.00000 413.849951 -4022.717 4.86E-13
4.79E-15 8.89E-13 -7308.571

COMB SVO07 ----- MIN
REL DIST T P M2 V2 V3
0.00000 413.849951 -4076.658 4.93E-13
4.79E-15 9.99E-13 -8219.740 4.91E-13
0.25000 413.849951 -4063.121 4.91E-13
4.79E-15 9.71E-13 -7990.809 4.90E-13
0.50000 413.849951 -4049.618 4.90E-13
4.79E-15 9.44E-13 -7762.638 4.88E-13
0.75000 413.849951 -4036.150 4.88E-13
4.79E-15 9.16E-13 -7535.226 4.86E-13
1.00000 413.849951 -4022.717 4.86E-13
4.79E-15 8.89E-13 -7308.571
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FRAME ELEMENT INTERNAL FORCES
COMB SVO08 ----- MAX
REL DIST T P M2 V2 V3
0.00000 192.459744 -3223.760 3.90E-13
4.13E-15 8.66E-13 -7111.274 3.88E-13
0.25000 192.459744 -3210.223 3.88E-13
4.13E-15 8.44E-13 -6930.318 3.86E-13
0.50000 192.459744 -3196.720 3.86E-13
4.13E-15 8.22E-13 -6750.123 3.85E-13
0.75000 192.459744 -3183.252 3.85E-13
4.13E-15 8.00E-13 -6570.687 3.83E-13
1.00000 192.459744 -3169.819 3.83E-13
4.13E-15 7.79E-13 -6392.007

COMB SVO08 ----- MIN
REL DIST T P M2 V2 V3
0.00000 192.459744 -3223.760 3.90E-13
4.13E-15 8.66E-13 -7111.274 3.88E-13
0.25000 192.459744 -3210.223 3.88E-13
4.13E-15 8.44E-13 -6930.318 3.86E-13
0.50000 192.459744 -3196.720 3.86E-13
4.13E-15 8.22E-13 -6750.123 3.85E-13
0.75000 192.459744 -3183.252 3.85E-13
4.13E-15 8.00E-13 -6570.687 3.83E-13
1.00000 192.459744 -3169.819 3.83E-13
4.13E-15 7.79E-13 -6392.007

COMB SVO09 ----- MAX
REL DIST T P M2 V2 V3
0.00000 321.887311 -3222.128 3.90E-13
3.76E-15 7.75E-13 -6375.226 3.88E-13
0.25000 321.887311 -3208.590 3.88E-13
3.76E-15 7.53E-13 -6194.362 3.86E-13
0.50000 321.887311 -3195.087 3.86E-13
3.76E-15 7.31E-13 -6014.259 3.85E-13
0.75000 321.887311 -3181.620 3.85E-13
3.76E-15 7.09E-13 -5834.914 3.83E-13
1.00000 321.887311 -3168.187 3.83E-13
3.76E-15 6.88E-13 -5656.326

COMB SVO09 ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.887311 -3222.128 3.90E-13
3.76E-15 7.75E-13 -6375.226 3.88E-13
0.25000 321.887311 -3208.590 3.88E-13
3.76E-15 7.53E-13 -6194.362 3.86E-13
0.50000 321.887311 -3195.087 3.86E-13
3.76E-15 7.31E-13 -6014.259 3.85E-13
0.75000 321.887311 -3181.620 3.85E-13
3.76E-15 7.09E-13 -5834.914 3.83E-13
1.00000 321.887311 -3168.187 3.83E-13
3.76E-15 6.88E-13 -5656.326

COMB SVO10 ----- MAX
REL DIST T P M2 V2 V3
0.00000 299.392899 -2419.245 2.92E-13
5.34E-15 6.16E-13 -5045.009 2.90E-13
0.25000 299.392899 -2405.708 2.89E-13
5.34E-15 6.00E-13 -4909.307 2.87E-13
0.50000 299.392899 -2392.205 2.87E-13
5.34E-15 5.83E-13 -4774.362 2.85E-13
0.75000 299.392899 -2378.788 2.85E-13
5.34E-15 5.67E-13 -4640.183 2.85E-13
1.00000 299.392899 -2365.304 2.85E-13
5.34E-15 5.51E-13 -4506.757

COMB SVO10 ----- MIN
REL DIST T P M2 V2 V3
0.00000 299.392899 -2419.245 2.92E-13
5.34E-15 6.16E-13 -5045

4.00000 390.019351 -2705.057 3.27E-13										2.2E-15 1.00E-12 -8212.257 5.51E-13										4.89E-15 9.51E-13 -7818.537 5.00E-13										Page : AAButPier SAP2000 6-7 데이터파일 : 교각 본체 396									
4.67E-15 6.17E-13 -5069.865 3.25E-13										1.00000 626.576588 -4557.341 5.51E-13										0.75000 418.453504 -4136.106 5.00E-13																			
0.25000 390.019351 -2691.520 3.25E-13										7.22E-15 9.69E-13 -7955.416 5.51E-13										4.89E-15 9.22E-13 -7585.389 4.98E-13																			
4.52E-15 5.99E-13 -4918.087 3.24E-13										Program SAP2000 Nonlinear Version 7.42										1.00000 418.453504 -4118.643 4.98E-13																			
0.50000 390.019351 -2678.017 3.24E-13										File:청도1교하행_P9_본체.OUT										4.89E-15 8.94E-13 -7353.224 4.98E-13																			
4.52E-15 5.80E-13 -4767.060 3.22E-13										Page : AAButPier SAP2000 6-7 데이터파일 : 교각 본체 393										COMB ULO09 ----- 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									
0.75000 390.019351 -2664.550 3.22E-13																				REL DIST T P M2 V2 V3										COMB ULO14 ----- MAX									
1.00000 390.019351 -2651.116 3.20E-13																				0.00000 418.453504 -4188.766 5.06E-13										REL DIST T P M2 V2 V3									
4.52E-15 5.44E-13 -4467.306 3.20E-13																				4.89E-15 9.22E-13 -7585.389 4.98E-13										0.00000 325.739730 -3383.362 4.09E-13									
COMB SVO15 ----- MIN																				0.25000 418.453504 -4171.167 5.04E-13										6.11E-15 8.85E-13 -7257.391 4.07E-13									
REL DIST T P M2 V2 V3										COMB ULO05 ----- MAX										0.50000 418.453504 -4153.614 5.02E-13										0.25000 325.739730 -3366.441 4.07E-13									
0.00000 390.019351 -2705.057 3.27E-13										0.00000 507.025156 -3516.575 4.25E-13										4.89E-15 9.22E-13 -7585.389 4.98E-13										0.25000 325.739730 -3349.562 4.05E-13									
4.52E-15 6.17E-13 -5069.865 3.25E-13										5.88E-15 8.02E-13 -6590.825 4.23E-13										0.50000 418.453504 -4153.614 5.02E-13										6.11E-15 8.62E-13 -7067.553 4.03E-13									
0.25000 390.019351 -2691.520 3.25E-13										5.88E-15 7.78E-13 -6393.513 4.21E-13										0.75000 418.453504 -4136.106 5.00E-13										0.50000 325.739730 -3366.441 4.07E-13									
0.50000 390.019351 -2678.017 3.24E-13										5.88E-15 7.08E-13 -6393.513 4.16E-13										4.89E-15 8.94E-13 -7353.224 4.98E-13										0.25000 325.739730 -3349.562 4.05E-13									
4.52E-15 5.80E-13 -4767.068 3.22E-13										5.88E-15 7.55E-13 -6197.189 4.18E-13										0.00000 374.241124 -3024.057 3.65E-13										REL DIST T P M2 V2 V3									
0.75000 390.019351 -2664.550 3.22E-13										7.25000 507.025156 -3463.914 4.16E-13										6.67E-15 7.70E-13 -6306.261 3.63E-13										0.00000 325.739730 -3383.362 4.09E-13									
1.00000 390.019351 -2651.116 3.20E-13										5.88E-15 7.31E-13 -6001.852 4.16E-13										0.25000 374.241124 -3007.135 3.61E-13										6.11E-15 8.85E-13 -7257.391 4.07E-13									
4.52E-15 5.44E-13 -4467.306 3.20E-13										1.00000 507.025156 -3446.451 4.16E-13										6.67E-15 7.29E-13 -5967.958 3.59E-13										0.25000 325.739730 -3366.441 4.07E-13									
COMB ULO01 ----- MAX																				0.75000 374.241124 -2973.422 3.59E-13										0.50000 325.739730 -3349.562 4.05E-13									
REL DIST T P M2 V2 V3										COMB ULO05 ----- MIN										6.67E-15 7.09E-13 -5800.229 3.57E-13										6.11E-15 8.39E-13 -6878.666 4.03E-13									
0.00000 616.173180 -6026.007 7.29E-13										REL DIST T P M2 V2 V3										6.67E-15 6.89E-13 -5633.447 3.57E-13										0.00000 325.739730 -3383.362 4.09E-13									
7.10E-15 1.49E-12 -12253.499 7.26E-13										0.00000 507.025156 -3516.575 4.25E-13										6.67E-15 7.50E-13 -6136.634 3.61E-13										6.11E-15 8.85E-13 -7257.391 4.07E-13									
0.25000 616.173180 -6008.408 7.26E-13										5.88E-15 8.02E-13 -6590.825 4.23E-13										0.50000 374.241124 -2990.257 3.61E-13										6.11E-15 8.62E-13 -7067.553 4.03E-13									
7.10E-15 1.45E-12 -11915.031 7.24E-13										0.25000 507.025156 -3498.976 4.21E-13										0.75000 374.241124 -2956.631 3.57E-13										0.50000 325.739730 -3349.562 4.05E-13									
0.50000 616.173180 -5990.854 7.24E-13										5.88E-15 7.78E-13 -6393.513 4.18E-13										6.67E-15 7.09E-13 -5800.229 3.57E-13										6.11E-15 8.39E-13 -6878.666 4.03E-13									
0.75000 616.173180 -5973.346 7.22E-13										5.88E-15 7.55E-13 -6197.189 4.16E-13										0.00000 374.241124 -3024.057 3.65E-13										REL DIST T P M2 V2 V3									
7.10E-15 1.37E-12 -11241.059 7.20E-13										0.75000 507.025156 -3463.914 4.18E-13										6.67E-15 7.70E-13 -6306.261 3.63E-13										0.00000 325.739730 -3383.362 4.09E-13									
1.00000 616.173180 -5955.883 7.20E-13										5.88E-15 7.31E-13 -6001.852 4.16E-13										0.25000 374.241124 -3007.135 3.61E-13										6.11E-15 8.85E-13 -7257.391 4.07E-13									
7.10E-15 1.33E-12 -10905.550 7.20E-13										1.00000 507.025156 -3446.451 4.16E-13										6.67E-15 7.29E-13 -5967.958 3.59E-13										0.25000 325.739730 -3366.441 4.07E-13									
Program SAP2000 Nonlinear Version 7.42										5.88E-15 7.08E-13 -5807.498 4.16E-13										0.75000 374.241124 -2973.422 3.59E-13										0.50000 325.739730 -3349.562 4.05E-13									
File:청도1교하행_P9_본체.OUT																				6.67E-15 7.09E-13 -5800.229 3.57E-13										6.11E-15 8.39E-13 -6878.666 4.03E-13									
COMB ULO01 ----- MIN																				6.67E-15 6.89E-13 -5633.447 3.57E-13										0.00000 325.739730 -3383.362 4.09E-13									
REL DIST T P M2 V2 V3										COMB ULO05 ----- MIN										6.67E-15 7.50E-13 -6136.634 3.61E-13										6.11E-15 8.85E-13 -7257.391 4.07E-13									
0.00000 616.173180 -6026.007 7.29E-13										0.00000 369.749099 -5301.778 6.41E-13										6.67E-15 7.09E-13 -5800.229 3.57E-13										0.25000 325.739730 -3366.441 4.07E-13									
7.10E-15 1.49E-12 -12253.499 7.26E-13										6.70E-15 1.42E-12 -11642.522 6.39E-13										6.67E-15 7.29E-13 -5967.958 3.59E-13										6.11E-15 8.62E-13 -7067.553 4.03E-13									
0.25000 616.173180 -6008.408 7.26E-13										6.70E-15 1.38E-12 -11344.794 6.37E-13										0.75000 374.241124 -2956.631 3.57E-13										0.50000 325.739730 -3349.562 4.05E-13									
7.10E-15 1.41E-12 -11577.552 7.22E-13										6.70E-15 1.35E-12 -11048.053 6.34E-13										0.00000 374.241124 -3024.057 3.65E-13										REL DIST T P M2 V2 V3									
7.10E-15 1.37E-12 -11241.059 7.20E-13										6.70E-15 1.31E-12 -10752.298 6.32E-13										6.67E-15 7.70E-13 -6306.261 3.63E-13										0.00000 325.739730 -3383.362 4.09E-13									
1.00000 616.173180 -5955.883 7.20E-13										6.70E-15 1.27E-12 -10457.527 6.32E-13										0.25000 374.241124 -3007.135 3.61E-13										6.11E-15 8.85E-13 -7257.391 4.07E-13									
7.10E-15 1.33E-12 -10905.550 7.20E-13										6.70E-15 1.27E-12 -10457.527 6.32E-13										6.67E-15 7.29E-13 -5967.958 3.59E-13										0.25000 325.739730 -3366.441 4.07E-13									
Program SAP2000 Nonlinear Version 7.42										6.70E-15 1.27E-12 -10457.527 6.32E-13										0.75000 374.241124 -2973.422 3.59E-13										0.50000 325.739730 -3349.562 4.05E-13									
File:청도1교하행_P9_본체.OUT																				6.67E-15 7.09E-13 -5800.229 3.57E-13										6.11E-15 8.39E-13 -6878.666 4.03E-13									
COMB ULO01 ----- MIN																				6.67E-15 6.89E-13 -5633.447 3.57E-13										0.00000 325.739730 -3383.362 4.09E-13									
REL DIST T P M2 V2 V3										COMB ULO05 ----- MIN										6.67E-15 7.50E-13 -6136.634 3.61E-13										6.11E-15 8.85E-13 -7257.391 4.07E-13									
0.00000 616.173180 -6026.007 7.29E-13										0.00000 369.749099 -5301.778 6.41E-13										6.67E-15 7.09E-13 -5800.229 3.57E-13										0.25000 325.739730 -3366.441 4.07E-13									
7.10E-15 1.49E-12 -12253.499 7.26E-13										6.70E-15 1.42E-12 -11642.522 6.39E-13										6.67E-15 7.29E-13 -5967.958 3.59E-13										6.11E-15 8.62E-13 -7067.553 4.03E-13									
0.25000 616.173180 -6008.408 7.26E-13										6.70E-15 1.38E-12 -11344.794 6.37E-13										0.75000 374.241124 -2956.631 3.57E-13										0.50000 325.739730 -3349.562 4.05E-13									
7.10E-15 1.41E-12 -11577.552 7.22E-13										6.70E-15 1.35E-12 -11048.053 6.34E-13										0.00000 374.241124 -3024.057 3.65E-13										REL DIST T P M2 V2 V3									
7.10E-15 1.37E-12 -11241.059 7.20E-13										6.70E-15 1.31E-12 -10752.298 6.32E-13										6.67E-15 7.70E-13 -6306.261 3.63E-13										0.00000 325.739730 -3383.362 4.09E-13									
1.00000 616.173180 -5955.883 7.20E-13										6.70E-15 1.27E-12 -10457.527 6.32E-13										0.25000 374.241124 -3007.135 3.61E-13										6.11E-15 8.85E-13 -7257.391 4.07E-13									
7.10E-15 1.33E-12 -10905.550 7.20E-13										6.70E-15 1.27E-12 -10457.527 6.32E-13										6.67E-15 7.29E-13 -5967.958 3.59E-13										0.25000 325.739730 -3366.441 4.07E-13									
Program SAP2000 Nonlinear Version 7.42										6.70E-15 1.27E-12 -10457.527 6.32E-13										0.75000 374.241124 -2973.422 3.59E-13										0.50000 325.739730 -3349.562 4.05E-13									
File:청도1교하행_P9_본체.OUT																				6.67E-15 7.09E-13 -5800.229 3.57E-13										6.11E-15 8.39E-13 -6878.666 4.03E-13									
COMB ULO01 ----- MIN																				6.67E-15 6.89E-13 -5633.447 3.57E-13										0.00000 325.739730 -3383.362 4.09E-13									
REL DIST T P M2 V2 V3										COMB ULO05 ----- MIN										6.67E-15 7.50E-13 -6136.634 3.61E-13										6.11E-15 8.85E-13 -7257.391 4.07E-13									
0.00000 616.173180 -6026.007 7.29E-13										0.00000 369.749099 -5301.778 6.41E-13										6.67E-15 7.09E-13 -5800.229 3.57E-13										0.25000 325.739730 -3366.441 4.07E-13									
7.10E-15 1.49E-12 -12253.499 7.26E-13										6.70E-15 1.42E-12 -11642.522 6.39E-13										6.67E-15 7.29E-13 -5967.958 3.59E-13										6.11E-15 8.62E-13 -7067.553 4.03E-13									
0.25000 616.173180 -6008.408 7.26E-13										6.70E-15 1.38E-12 -11344.794 6.37E-13										0.75000 374.241124 -2956.631 3.57E-13										0.50000 325.739730 -3349.562 4.05E-13									
7.10E-15 1.41E-12 -11577.552 7.22E-13										6.70E-15 1.35E-12 -11048.053 6.34E-13										0.00000 374.241124 -3024.057 3.65E-13										REL DIST T P M2 V2 V3									
7.10E-15 1.37E-12 -11241.059 7.20E-13										6.70E-15 1.31E-12 -10752.298 6.32E-13										6.67E-15 7.70E-13 -6306.261 3.63E-13										0.00000 325.739730 -3383.362 4.09E-13									
1.00000 616.173180 -5955.883 7.20E-13										6.70E-15 1.27E-12 -10457.527 6.32E-13										0.25000 374.241124 -3007.135 3.61E-13										6.11E-15 8.85E-13 -7257.391 4.07E-13									
7.10E-15 1.33E-12 -10905.550 7.20E-13										6.70E-15 1.27E-12 -10457.527 6.32E-13										6.67E-15 7.29E-13 -5967.958 3.59E-13										0.25000 325.739730 -3366.441 4.07E-13									
Program SAP2000 Nonlinear Version 7.42										6.70E-15 1.27E-12 -10457.527 6.32E-13										0.75000 374.241124 -2973.422 3.59E-13										0.50000 325.739730 -3349.562 4.05E-13									
File:청도1교하행_P9_본체.OUT																				6.67E-15 7.09E-13 -5800.229 3.57E-13										6.11E-15 8.39E-13 -6878.666 4.03E-13									
COMB ULO01 ----- MIN																				6.67E-15 6.89E-13 -5633.447 3.57E-13										0.00000 325.739730 -3383.362 4.09E-13									
REL DIST T P M2 V2 V3										COMB ULO05 ----- MIN										6.67E-15 7.50E-13 -6136.634 3.61E-13										6.11E-15 8.85E-13 -7257.391 4.07E-13									
0.00000 616.173180 -6026.007 7.29E-13										0.00000 369.749099 -5301.778 6.41E-13										6.67E-15 7.09E-13 -5800.229 3.57E-13										0.25000 325.739730 -3366.441 4.07E-13									
7.10E-15 1.49E-12 -12253.499 7.26E-13										6.70E-15 1.42E-12 -11642.522 6.39E-13										6.67E-15 7.29E-13 -5967.958 3.59E-13										6.11E-15 8.62E-13 -7067.553 4.03E-13									
0.25000 616.173180 -6008.408 7.26E-13										6.70E-15 1.38E-12 -11344.794 6.37E-13										0.75000 374.241124 -2956.631 3.57E-13										0.50000 325.739730 -3349.562 4.05E-13									
7.10E-15 1.41E-12 -11577.552 7.22E-13										6.70E-15 1.35E-12 -11048.053 6.34E-13										0.00000 374.241124 -3024.057 3.65E-13										REL DIST T P M2 V2 V3									
7.10E-15 1.37E-12 -11241.059 7.20E-13										6.70E-15 1.31E-12 -10752.298 6.32E-13										6.67E-15 7.70E-13 -6306.261 3.63E-13										0.00000 325.739730 -3383.362 4.09E-13									
1.00000 616.173180 -5955.883 7.20E-13										6.70E-15 1.27E-12 -10457.527 6.32E-13										0.25000 374.241124 -3007.135 3.61E-13										6.11E-15 8.85E-13 -7257.391 4.07E-13									
7.10E-15 1.33E-12 -10905.550 7.20E-13										6.70E-15 1.27E-12 -10457.527 6.32E-13										6.67E-15 7.29E-13 -5967.958 3.59E-13										0.25000 325.739730 -3366.441 4.07E-13									
Program SAP2000 Nonlinear Version 7.42										6.70E-15 1.27E-12 -10457.527 6.32E-13										0.75000 374.241124 -2973.422 3.59E-13										0.50000 325.739730 -3349.562 4.05E-13									
File:청도1교하행_P9_본체.OUT																				6.67E-15 7.09E-13 -5800.229 3.57E-13										6.11E-15 8.39E-13 -6878.666 4.03E-13									
COMB ULO01 ----- MIN																				6.67E-15 6.89E-13 -5633.447 3.57E-13										0.00000 325.739730 -3383.362 4.09E-13									
REL DIST T P M2 V2 V3										COMB ULO05 ----- MIN										6.67E-15 7.50E-13 -6136.634 3.61E-13										6.11E-15 8.85E-1									

COMB	ULO18	-----	MIN				
REL DIST	T	P	V2	V3			
M2	M3						
0.00000	514.584559	-2901.136	3.50E-13				
5.97E-15	6.30E-13	-5170.753					
0.25000	514.584559	-2884.891	3.48E-13				
5.97E-15	6.10E-13	-5008.021					
0.50000	514.584559	-2863.687	3.46E-13				
5.97E-15	5.91E-13	-4846.202					
0.75000	514.584559	-2852.526	3.44E-13				
5.97E-15	5.72E-13	-4685.293					
1.00000	514.584559	-2836.406	3.42E-13				
5.97E-15	5.52E-13	-4525.292					
COMB	UEO01	-----	MAX				
REL DIST	T	P	V2	V3			
M2	M3						
0.00000	519.614363	-5058.961	6.12E-13				
5.97E-15	1.26E-12	-10339.685					
0.25000	519.614363	-5045.424	6.10E-13				
5.97E-15	1.22E-12	-10055.499					
0.50000	519.614363	-5031.921	6.08E-13				
5.97E-15	1.19E-12	-9772.074					
0.75000	519.614363	-5018.453	6.07E-13				
5.97E-15	1.15E-12	-9489.408					
1.00000	519.614363	-5005.020	6.05E-13				
5.97E-15	1.12E-12	-9207.498					
COMB	UEO01	-----	MIN				
REL DIST	T	P	V2	V3			
M2	M3						
0.00000	519.614363	-5058.961	6.12E-13				
5.97E-15	1.26E-12	-10339.685					
0.25000	519.614363	-5045.424	6.10E-13				
5.97E-15	1.22E-12	-10055.499					
0.50000	519.614363	-5031.921	6.08E-13				
5.97E-15	1.19E-12	-9772.074					
0.75000	519.614363	-5018.453	6.07E-13				
5.97E-15	1.15E-12	-9489.408					
1.00000	519.614363	-5005.020	6.05E-13				
5.97E-15	1.12E-12	-9207.498					
Program	SAP2000	Nonlinear	Version 7.42				
File:	청도2교하행_P9_본체	OUT					
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	398						
	: AAbutPier	SAP2000 6-7	데이터파일 : 교각 본체				
FRAME ELEMENT INTERNAL FORCES							
COMB	UEO02	-----	MAX				
REL DIST	T	P	V2	V3			
M2	M3						
0.00000	321.894688	-3221.720	3.89E-13				
3.77E-15	7.75E-13	-6373.980					
0.25000	321.894688	-3208.183	3.88E-13				
3.77E-15	7.31E-13	-6013.059					
0.50000	321.894688	-3194.680	3.86E-13				
3.77E-15	7.31E-13	-6013.059					
0.75000	321.894688	-3181.212	3.85E-13				
3.77E-15	7.09E-13	-5833.737					
1.00000	321.894688	-3167.779	3.83E-13				
3.77E-15	6.88E-13	-5655.172					
COMB	UEO02	-----	MIN				
REL DIST	T	P	V2	V3			
M2	M3						
0.00000	321.894688	-3221.720	3.89E-13				
3.77E-15	7.75E-13	-6373.980					
0.25000	321.894688	-3208.183	3.88E-13				
3.77E-15	7.31E-13	-6013.059					
0.50000	321.894688	-3194.680	3.86E-13				
3.77E-15	7.31E-13	-6013.059					
0.75000	321.894688	-3181.212	3.85E-13				
3.77E-15	7.09E-13	-5833.737					
1.00000	321.894688	-3167.779	3.83E-13				
3.77E-15	6.88E-13	-5655.172					
COMB	UEO03	-----	MAX				
REL DIST	T	P	V2	V3			
M2	M3						
0.00000	460.907790	-2175.851	2.63E-13				
5.34E-15	4.50E-13	-3687.836					
0.25000	460.907790	-2162.314	2.61E-13				
5.34E-15	4.35E-13	-3565.825					
0.50000	460.907790	-2148.811	2.59E-13				
5.34E-15	4.21E-13	-3444.575					
0.75000	460.907790	-2135.343	2.58E-13				
5.34E-15	4.06E-13	-3324.083					
1.00000	460.907790	-2121.910	2.56E-13				
5.34E-15	3.92E-13	-3204.348					
COMB	UEO03	-----	MIN				
REL DIST	T	P	V2	V3			
M2	M3						
0.00000	460.907790	-2175.851	2.63E-13				
5.34E-15	4.50E-13	-3687.836					
0.25000	460.907790	-2162.314	2.61E-13				
5.34E-15	4.35E-13	-3565.825					
0.50000	460.907790	-2148.811	2.59E-13				
5.34E-15	4.21E-13	-3444.575					
0.75000	460.907790	-2135.343	2.58E-13				
5.34E-15	4.06E-13	-3324.083					
1.00000	460.907790	-2121.910	2.56E-13				
5.34E-15	3.92E-13	-3204.348					
COMB	UEO04	-----	MAX				
REL DIST	T	P	V2	V3			
M2	M3						
0.00000	530.017772	-3660.419	4.42E-13				
6.09E-15	8.61E-13	-7074.879					
0.25000	530.017772	-3646.882	4.41E-13				
6.09E-15	8.36E-13	-6869.361					
0.50000	530.017772	-3633.379	4.39E-13				
6.09E-15	8.11E-13	-6664.604					
0.75000	530.017772	-3619.911	4.37E-13				
6.09E-15	7.87E-13	-6460.606					
1.00000	530.017772	-3606.478	4.36E-13				
6.09E-15	7.62E-13	-6257.364					
COMB	UEO04	-----	MIN				
REL DIST	T	P	V2	V3			
M2	M3						
0.00000	530.017772	-3660.419	4.42E-13				
6.09E-15	8.61E-13	-7074.879					
0.25000	530.017772	-3646.882	4.41E-13				
6.09E-15	8.36E-13	-6869.361					
0.50000	530.017772	-3633.379	4.39E-13				
6.09E-15	8.11E-13	-6664.604					
0.75000	530.017772	-3619.911	4.37E-13				
6.09E-15	7.87E-13	-6460.606					
1.00000	530.017772	-3606.478	4.36E-13				
6.09E-15	7.62E-13	-6257.364					
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FRAME ELEMENT INTERNAL FORCES						
COMB		UEO05		MAX		
REL	DIST	P	V2	V3		
T		M2	M3			
0.00000		410.466340	-2549.529			
4.75E-15		5.70E-13	-4677.011			3.08E-13
0.25000		410.466340	-2535.992			3.06E-13
4.75E-15		5.52E-13	-4533.981			3.05E-13
0.50000		410.466340	-2522.489			3.05E-13
4.75E-15		5.35E-13	-4391.711			3.03E-13
0.75000		410.466340	-2509.021			3.03E-13
4.75E-15		5.18E-13	-4250.200			3.01E-13
1.00000		410.466340	-2495.588			3.01E-13
4.75E-15		5.01E-13	-4109.446			
COMB		UEO05		MIN		
REL	DIST	P	V2	V3		
T		M2	M3			
0.00000		410.466340	-2549.529			3.08E-13
4.75E-15		5.70E-13	-4677.011			
0.25000		410.466340	-2535.992			3.06E-13
4.75E-15		5.52E-13	-4533.981			
0.50000		410.466340	-2522.489			3.05E-13
4.75E-15		5.35E-13	-4391.711			
0.75000		410.466340	-2509.021			3.03E-13
4.75E-15		5.18E-13	-4250.200			
1.00000		410.466340	-2495.588			3.01E-13
4.75E-15		5.01E-13	-4109.446			
COMB		UEO06		MAX		
REL	DIST	P	V2	V3		
T		M2	M3			
0.00000		273.190282	-4334.732			5.24E-13
5.57E-15		1.18E-12	-9728.711			
0.25000		273.190282	-4321.195			5.22E-13
5.57E-15		1.15E-12	-9485.263			
0.50000		273.190282	-4307.692			5.21E-13
5.57E-15		1.13E-12	-9242.576			
0.75000		273.190282	-4294.225			5.19E-13
5.57E-15		1.10E-12	-9000.647			
1.00000		273.190282	-4280.791			5.17E-13
5.57E-15		1.07E-12	-8759.475			
COMB		UEO06		MIN		
REL	DIST	P	V2	V3		
T		M2	M3			
0.00000		273.190282	-4334.732			5.24E-13
5.57E-15		1.18E-12	-9728.711			
0.25000		273.190282	-4321.195			5.22E-13
5.57E-15		1.15E-12	-9485.263			
0.50000		273.190282	-4307.692			5.21E-13
5.57E-15		1.13E-12	-9242.576			
0.75000		273.190282	-4294.225			5.19E-13
5.57E-15		1.10E-12	-9000.647			
1.00000		273.190282	-4280.791			5.17E-13
5.57E-15		1.07E-12	-8759.475			
COMB		UEO07		MAX		
REL	DIST	P	V2	V3		
T		M2	M3			
0.00000		441.446120	-4332.610			5.24E-13
5.10E-15		1.07E-12	-8771.848			
0.25000		441.446120	-4319.073			5.22E-13
5.10E-15		1.04E-12	-8528.520			
0.50000		441.446120	-4305.570			5.21E-13
5.10E-15		1.01E-12	-8285.952			
0.75000		441.446120	-4292.102			5.19E-13
5.10E-15		9.78E-13	-8044.143			
1.00000		441.446120	-4278.669			5.17E-13
5.10E-15		9.49E-13	-7803.090			
COMB		UEO07		MIN		
REL	DIST	P	V2	V3		
T		M2	M3			
0.00000		441.446120	-4332.610			5.24E-13
5.10E-15		1.07E-12	-8771.848			
0.25000		441.446120	-4319.073			5.22E-13
5.10E-15		1.04E-12	-8528.520			
0.50000		441.446120	-4305.570			5.21E-13
5.10E-15		1.01E-12	-8285.952			
0.75000		441.446120	-4292.102			5.19E-13
5.10E-15		9.78E-13	-8044.143			
1.00000		441.446120	-4278.669			5.17E-13
5.10E-15		9.49E-13	-7803.090			
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COMB		UEO08		MAX		
REL	DIST	P	V2	V3		
T		M2	M3			
0.00000		153.638850	-3223.843			3.90E-13
4.24E-15		8.93E-13	-7330.843			
0.25000		153.638850	-3210.305			3.88E-13
4.24E-15		8.71E-13	-7149.882			
0.50000		153.638850	-3196.803			3.86E-13
4.24E-15		8.49E-13	-6969.683			
0.75000		153.638850	-3183.335			3.85E-13
4.24E-15		8.28E-13	-6790.241			
1.00000		153.638850	-3169.902			3.83E-13
4.24E-15		8.06E-13	-6611.557			
COMB		UEO08		MIN		
REL	DIST	P	V2	V3		
T		M2	M3			
0.00000		153.638850	-3223.843			3.90E-13
4.24E-15		8.93E-13	-7330.843			
0.25000		153.638850	-3210.305			3.88E-13
4.24E-15		8.71E-13	-7149.882			
0.50000		153.638850	-3196.803			3.86E-13
4.24E-15		8.49E-13	-6969.683			
0.75000		153.638850	-3183.335			3.85E-13
4.24E-15		8.28E-13	-6790.241			
1.00000		153.638850	-3169.902			3.83E-13
4.24E-15		8.06E-13	-6611.557			
COMB		UEO09		MAX		
REL	DIST	P	V2	V3		
T		M2	M3			
0.00000		321.894688	-3221.740			3.89E-13
3.77E-15		7.75E-13	-6373.980			
0.25000		321.894688	-3208.183			3.88E-13
3.77E-15		7.53E-13	-6193.140			
0.50000		321.894688	-3194.680			3.86E-13
3.77E-15		7.31E-13	-6013.059			
0.75000		321.894688	-3181.102			3.85E-13
3.77E-15		7.09E-13	-5833.737			
1.00000		321.894688	-3167.779			3.83E-13
3.77E-15		6.88E-13	-5655.172			
COMB		UEO09		MIN		
REL	DIST	P	V2	V3		
T		M2	M3			
0.00000		321.894688	-3221.740			3.89E-13
3.77E-15		7.75E-13	-6373.980			
0.25000		321.894688	-3208.183			3.88E-13
3.77E-15		7.53E-13	-6193.140			
0.50000		321.894688	-3194.680			3.86E-13
3.77E-15		7.31E-13	-6013.059			
0.75000		321.894688	-3181.102			3.85E-13
3.77E-15		7.09E-13	-5833.737			
1.00000		321.894688	-3167.779			3.83E-13
3.77E-15		6.88E-13	-5655.172			
COMB		UEO09		MIN		
REL	DIST	P	V2	V3		
T		M2	M3			
0.00000		321.894688	-3221.740			3.89E-13
3.77E-15		7.75E-13	-6373.980			
0.25000		321.894688	-3208.183			3.88E-13
3.77E-15		7.53E-13	-6193.140			
0.50000		321.894688	-3194.680			3.86E-13
3.77E-15		7.31E-13	-6013.059			
0.75000		321.894688	-3181.102			3.85E-13
3.77E-15		7.09E-13	-5833.737			
1.00000		321.894688	-3167.779			3.83E-13
3.77E-15		6.88E-13	-5655.172			

4.84E-15 3.71E-13 -3040.724
0.75000 418.025743 -1897.633
4.84E-15 3.59E-13 -2933.642
1.00000 418.025743 -1885.543
4.84E-15 3.46E-13 -2827.240
COMB ENVBULT ----- MAX
REL DIST T P M2 V2 V3
0.00000 616.141214 -6027.771 7.29E-13
7.10E-15 1.49E-12 -12258.897
0.25000 616.141214 -6010.172 7.27E-13
7.10E-15 1.45E-12 -11920.330
0.50000 616.141214 -5992.619 7.24E-13
7.10E-15 1.41E-12 -11582.752
0.75000 616.141214 -5975.111 7.22E-13
7.10E-15 1.37E-12 -11246.160 7.20E-13
1.00000 616.141214 -5957.648
7.10E-15 1.33E-12 -10910.551

COMB ENVBULT ----- MIN
REL DIST T P M2 V2 V3
0.00000 616.141214 -6027.771 7.29E-13
7.10E-15 1.49E-12 -12258.897
0.25000 616.141214 -6010.172 7.27E-13
7.10E-15 1.45E-12 -11920.330
0.50000 616.141214 -5992.619 7.24E-13
7.10E-15 1.41E-12 -11582.752 7.22E-13
0.75000 616.141214 -5975.111 7.22E-13
7.10E-15 1.37E-12 -11246.160 7.20E-13
1.00000 616.141214 -5957.648
7.10E-15 1.33E-12 -10910.551
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COMB ENVBEC ----- MAX
REL DIST T P M2 V2 V3
0.00000 519.582397 -3223.485 6.12E-13
5.97E-15 1.26E-12 -6379.379 6.10E-13
0.25000 519.582397 -3209.947 6.10E-13
5.97E-15 1.22E-12 -6198.439 6.09E-13
0.50000 519.582397 -3196.445 6.09E-13
5.97E-15 1.19E-12 -6018.259 6.07E-13
0.75000 519.582397 -3182.977 6.07E-13
5.97E-15 1.15E-12 -5938.833 6.05E-13
1.00000 519.582397 -3169.544
5.97E-15 1.12E-12 -5660.174

COMB ENVBEC ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.862722 -5060.726 3.90E-13
3.76E-15 7.75E-13 -10345.084 3.88E-13
0.25000 321.862722 -5047.188 3.86E-13
3.76E-15 7.53E-13 -10060.799 3.85E-13
0.50000 321.862722 -5033.685 3.85E-13
3.76E-15 7.32E-13 -9777.274 3.85E-13
0.75000 321.862722 -5020.218 3.85E-13
3.76E-15 7.10E-13 -9494.508 3.83E-13
1.00000 321.862722 -5006.785 3.83E-13
3.76E-15 6.88E-13 -9212.499

COMB ENVOULT ----- MAX
REL DIST T P M2 V2 V3
0.00000 616.173180 -6026.007 7.29E-13
7.10E-15 1.49E-12 -12253.499 7.26E-13
0.25000 616.173180 -6008.408 7.24E-13
7.10E-15 1.45E-12 -11915.031 7.24E-13
0.50000 616.173180 -5990.854 7.22E-13
7.10E-15 1.41E-12 -11577.552 7.22E-13
0.75000 616.173180 -5973.346 7.20E-13
7.10E-15 1.37E-12 -11241.059 7.20E-13
1.00000 616.173180 -5955.883
7.10E-15 1.33E-12 -10905.550

COMB ENVOULT ----- MIN
REL DIST T P M2 V2 V3
0.00000 616.173180 -6026.007 7.29E-13
7.10E-15 1.49E-12 -12253.499 7.26E-13
0.25000 616.173180 -6008.408 7.24E-13
7.10E-15 1.45E-12 -11915.031 7.24E-13
0.50000 616.173180 -5990.854 7.22E-13
7.10E-15 1.41E-12 -11577.552 7.22E-13
0.75000 616.173180 -5973.346 7.20E-13
7.10E-15 1.37E-12 -11241.059 7.20E-13
1.00000 616.173180 -5955.883
7.10E-15 1.33E-12 -10905.550

COMB ENVOECC ----- MAX
REL DIST T P M2 V2 V3
0.00000 519.614363 -3221.720 6.12E-13
5.97E-15 1.26E-12 -6373.979 6.10E-13
0.25000 519.614363 -3208.183 6.10E-13
5.97E-15 1.22E-12 -6193.140 6.08E-13
0.50000 519.614363 -3194.680 6.08E-13
5.97E-15 1.19E-12 -6013.059 6.07E-13
0.75000 519.614363 -3181.212 6.05E-13
5.97E-15 1.15E-12 -5833.737
1.00000 519.614363 -3167.779
5.97E-15 1.12E-12 -5655.172

COMB ENVOECC ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.894688 -5058.961 3.89E-13
3.77E-15 7.75E-13 -10339.685 3.88E-13
0.25000 321.894688 -5045.424 3.86E-13
3.77E-15 7.53E-13 -10055.499 3.85E-13
0.50000 321.894688 -5031.921 3.85E-13
3.77E-15 7.31E-13 -9772.074 3.85E-13
0.75000 321.894688 -5018.453 3.83E-13
3.77E-15 7.09E-13 -9489.408 3.83E-13
1.00000 321.894688 -5005.020 3.83E-13
3.77E-15 6.88E-13 -9207.498
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ELEM 7 ----- LENGTH = 1.000000
LOAD D -----
REL DIST T P M2 V2 V3

0.00000 321.862722 -3169.544 3.83E-13
3.76E-15 6.88E-13 -5660.174 3.77E-13
0.25000 321.862722 -3117.393 3.71E-13
3.76E-15 5.93E-13 -4874.339 3.65E-13
0.50000 321.862722 -3066.803 3.59E-13
3.76E-15 5.00E-13 -4101.347 3.59E-13
0.75000 321.862722 -3017.774 3.59E-13
3.76E-15 4.08E-13 -3340.807 3.59E-13
1.00000 321.862722 -2970.306 3.59E-13
3.76E-15 3.18E-13 -2592.330

LOAD L1 -----
REL DIST T P M2 V2 V3
0.00000 91.962640 -854.530601 1.03E-13
1.03E-15 2.01E-13 -1652.244 1.03E-13
0.25000 91.962640 -854.530601 1.03E-13
1.03E-15 1.75E-13 -1438.612 1.03E-13
0.50000 91.962640 -854.530601 1.03E-13
1.03E-15 1.49E-13 -1224.979 1.03E-13
0.75000 91.962640 -854.530601 1.03E-13
1.03E-15 1.23E-13 -1011.346 1.03E-13
1.00000 91.962640 -854.530601 1.03E-13
1.03E-15 9.76E-14 -797.713843

LOAD W-LO -----
REL DIST T P M2 V2 V3
0.00000 -1.80E-18 -2.37E-15 -19.512903
24.152553 -1.223410 -1.51E-15 -17.426872
0.25000 -1.80E-18 -2.12E-15 -17.426872
24.152553 -7.607239 -9.50E-16 -15.403278
0.50000 -1.80E-18 -1.87E-15 -15.403278
24.152553 -3.504771 -4.52E-16 -13.442122
0.75000 -1.80E-18 -1.63E-15 -13.442122
24.152553 0.099603 -1.34E-17 -11.543403
1.00000 -1.80E-18 -1.40E-15 -11.543403
24.152553 3.221493 3.66E-16

LOAD G-LO -----
REL DIST T P M2 V2 V3
0.00000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -363.967509 -4.13E-14 -131.543858
0.25000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -331.081545 -3.73E-14 -131.543858
0.50000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -298.195580 -3.33E-14 -131.543858
0.75000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -265.309616 -2.93E-14 -131.543858
1.00000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -232.423651 -2.53E-14

LOAD E-LO -----
REL DIST T P M2 V2 V3
0.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.50000 0.000000 0.000000 0.000000
0.75000 0.000000 0.000000 0.000000
1.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.50000 0.000000 0.000000 0.000000
0.75000 0.000000 0.000000 0.000000
1.00000 0.000000 0.000000 0.000000

LOAD W-TR -----
REL DIST T P M2 V2 V3
0.00000 106.933155 804.514611 -9.77E-14
1.21E-15 -2.28E-13 1885.249 -9.77E-14
0.25000 106.933155 804.514611 -9.77E-14
1.21E-15 -2.03E-13 1684.121 -9.77E-14
0.50000 106.933155 804.514611 -9.77E-14
1.21E-15 -1.79E-13 1482.992
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REL DIST T P M2 V2 V3
0.75000 106.933155 804.514611 -9.77E-14
1.21E-15 -1.55E-13 1281.863 -9.77E-14
1.00000 106.933155 804.514611 -9.77E-14
1.21E-15 -1.30E-13 1080.735
LOAD WL -----
REL DIST T P M2 V2 V3
0.00000 14.665462 114.812798 -1.39E-14
1.53E-16 -2.98E-14 246.395272 -1.39E-14
0.25000 14.665462 114.812798 -1.39E-14
1.53E-16 -2.63E-14 217.692328 -1.39E-14
0.50000 14.665462 114.812798 -1.39E-14
1.53E-16 -2.28E-14 188.989128 -1.39E-14
0.75000 14.665462 114.812798 -1.39E-14
1.53E-16 -1.93E-14 160.205928 -1.39E-14
1.00000 14.665462 114.812798 -1.39E-14
1.53E-16 -1.58E-14 131.582729

LOAD G-TR -----
REL DIST T P M2 V2 V3
0.00000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.09E-14 -735.680586 1.32E-16
0.25000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.09E-14 -735.272460 1.32E-16
0.50000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.08E-14 -734.864334 1.32E-16
0.75000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.08E-14 -734.456209 1.32E-16
1.00000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.08E-14 -734.048083

LOAD E-TR -----
REL DIST T P M2 V2 V3
0.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.25000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.50000 0.000000 0.000000 0.000000
0.75000 0.000000 0.000000 0.000000
1.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.50000 0.000000 0.000000 0.000000
0.75000 0.000000 0.000000 0.000000
1.00000 0.000000 0.000000 0.000000

LOAD Q1-TR -----
REL DIST T P M2 V2 V3
0.00000 0.024589 1.357184 -1.65E-16
2.63E-18 -4.65E-16 3.847243 -1.65E-16
0.25000 0.024589 1.357184 -1.65E-16
2.63E-18 -4.24E-16 3.507947

0.50000 0.024589 1.357184 -1.65E-16
2.63E-18 -3.83E-16 3.168851 -1.65E-16
0.75000 0.024589 1.357184 -1.65E-16
2.63E-18 -3.42E-16 2.829355 -1.65E-16
1.00000 0.024589 1.357184 -1.65E-16
2.63E-18 -3.00E-16 2.490059

LOAD COL-TR -----
REL DIST T P M2 V2 V3
0.00000 0.055925 3.086710 -3.75E-16
5.98E-18 -1.06E-15 8.749972 -3.75E-16
0.25000 0.055925 3.086710 -3.75E-16
5.98E-18 -9.64E-16 7.978294 -3.75E-16
0.50000 0.055925 3.086710 -3.75E-16
5.98E-18 -8.70E-16 7.206617 -3.75E-16
0.75000 0.055925 3.086710 -3.75E-16
5.98E-18 -7.76E-16 6.434940 -3.75E-16
1.00000 0.055925 3.086710 -3.75E-16
5.98E-18 -6.83E-16 5.663262

COMB SVB01 ----- MAX
REL DIST T P M2 V2 V3
0.00000 413.825362 -4024.074 4.86E-13
4.79E-15 8.89E-13 -7312.418 4.86E-13
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FRAME ELEMENT INTERNAL FORCES
REL DIST T P M2 V2 V3
0.25000 413.825362 -3971.924 4.80E-13
4.79E-15 7.68E-13 -6312.951 4.74E-13
0.50000 413.825362 -3921.334 4.68E-13
4.79E-15 6.49E-13 -5326.326 4.62E-13
0.75000 413.825362 -3872.305 4.62E-13
4.79E-15 5.31E-13 -4352.154 4.62E-13
1.00000 413.825362 -3824.837 4.62E-13
4.79E-15 4.15E-13 -3390.044

COMB SVB01 ----- MIN
REL DIST T P M2 V2 V3
0.00000 413.825362 -4024.074 4.86E-13
4.79E-15 8.89E-13 -7312.418 4.80E-13
0.25000 413.825362 -3971.924 4.80E-13
4.79E-15 7.68E-13 -6312.951 4.74E-13
0.50000 413.825362 -3921.334 4.68E-13
4.79E-15 6.49E-13 -5326.326 4.62E-13
0.75000 413.825362 -3872.305 4.62E-13
4.79E-15 5.31E-13 -4352.154 4.62E-13
1.00000 413.825362 -3824.837 4.62E-13
4.79E-15 4.15E-13 -3390.044

COMB SVB02 ----- MAX
REL DIST T P M2 V2 V3
0.00000 321.862722 -3169.544 3.83E-13
3.76E-15 6.88E-13 -5660.174 3.77E-13
0.25000 321.862722 -3117.393 3.71E-13
3.76E-15 5.93E-13 -4874.339 3.65E-13
0.50000 321.862722 -3066.803 3.59E-13
3.76E-15 5.00E-13 -4101.347 3.59E-13
0.75000 321.862722 -3017.774 3.59E-13
3.76E-15 4.08E-13 -3340.807 3.59E-13
1.00000 321.862722 -2970.306 3.59E-13
3.76E-15 3.18E-13 -2592.330

COMB SVB03 ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.862722 -3169.544 -19.512903
24.152553 -12.223410 -5660.174 -17.426872
0.25000 321.862722 -3117.393 -15.403278
24.152553 -7.607239 -4874.339 -15.403278
0.50000 321.862722 -3066.803 -13.442122
24.152553 3.504771 -4101.347 -13.442122
0.75000 321.862722 -3017.774 -11.543403
24.152553 0.099603 -3340.807 -11.543403
24.152553 3.221493 -2592.330

COMB SVB03 ----- MAX
REL DIST T P M2 V2 V3
0.00000 321.862722 -3169.544 -19.512903
24.152553 -12.223410 -5660.174 -17.426872
0.25000 321.862722 -3117.393 -15.403278
24.152553 -7.607239 -4874.339 -15.403278
0.50000 321.862722 -3066.803 -13.442122
24.152553 3.504771 -4101.347 -13.442122
0.75000 321.862722 -3017.774 -11.543403
24.152553 0.099603 -3340.807 -11.543403
24.152553 3.221493 -2592.330

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FRAME ELEMENT INTERNAL FORCES
COMB SVB04 ----- MAX
REL DIST T P M2 V2 V3
0.00000 413.825362 -4024.074 -9.756452
12.076277 -6.111705 -7312.418 -8.713436
0.25000 413.825362 -3971.924 -8.713436
12.076277 -3.803620 -6312.951 -7.701639
0.50000 413.825362 -3921.334 -6.721061
12.076277 -1.752386 -5326.326 -6.721061
0.75000 413.825362 -3872.305 -5.771702
12.076277 0.049801 -4352.154 -5.771702
1.00000 413.825362 -3824.837 -5.771702
12.076277 1.610746 -3390.044

COMB SVB04 ----- MIN
REL DIST T P M2 V2 V3
0.00000 413.825362 -4024.074 -9.756452
12.076277 -6.111705 -7312.418 -8.713436
0.25000 413.825362 -3971.924 -8.713436
12.076277 -3.803620 -6312.951 -7.701639
0.50000 413.825362 -3921.334 -6.721061
12.076277 -1.752386 -5326.326 -6.721061
0.75000 413.825362 -3872.305 -5.771702
12.076277 0.049801 -4352.154 -5.771702
1.00000 413.825362 -3824.837 -5.771702
12.076277 1.610746 -3390.044

T M2 M3
0.00000 413.825362 -4024.074 -9.756452
12.076277 -6.111705 -7312.418
0.25000 413.825362 -3971.924 -8.713436
12.076277 -3.803620 -6312.951
0.50000 413.825362 -3921.334 -7.701639
12.076277 -1.752386 -5326.326
0.75000 413.825362 -3872.305 -6.721061
12.076277 0.049801 -4352.154
1.00000 413.825362 -3824.837 -5.771702
12.076277 1.610746 -3390.044

COMB SVB05 ----- MAX
REL DIST T P M2 M3 V3
0.00000 321.862722 -3169.544 -9.756452
12.076277 -6.111705 -5660.174
0.25000 321.862722 -3117.393 -8.713436
12.076277 -3.803620 -4874.339 -7.701639
0.50000 321.862722 -3066.803 -6.721061
12.076277 -1.752386 -4101.347
0.75000 321.862722 -3017.774 -6.721061
12.076277 0.049801 -3340.807
1.00000 321.862

0.75000 321.862722 -3017.774 3.65E-13
3.76E-15 4.08E-13 -3340.807
1.00000 321.862722 -2970.306 3.59E-13
3.76E-15 3.18E-13 -2592.330
COMB SVB09 ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.862722 -3169.544 3.83E-13
3.76E-15 6.88E-13 -5660.174
0.25000 321.862722 -3117.393 3.77E-13
3.76E-15 5.93E-13 -4874.339
0.50000 321.862722 -3066.803 3.71E-13
3.76E-15 5.00E-13 -4101.347
0.75000 321.862722 -3017.774 3.65E-13
3.76E-15 4.08E-13 -3340.807
1.00000 321.862722 -2970.306 3.59E-13
3.76E-15 3.18E-13 -2592.330
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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 SVB10 ----- MAX
REL DIST T P M2 V2 V3
0.00000 321.862722 -3169.544 -151.056762
-191.516610 -376.190920 -5660.174
0.25000 321.862722 -3117.393 -148.970730
-191.516610 -338.688784 -4874.339
0.50000 321.862722 -3066.803 -146.947137
-191.516610 -301.700351 -4101.347
0.75000 321.862722 -3017.774 -144.985980
-191.516610 -265.210013 -3340.807
1.00000 321.862722 -2970.306 -143.087262
-191.516610 -229.202158 -2592.330

COMB SVB10 ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.862722 -3169.544 -151.056762
-191.516610 -376.190920 -5660.174
0.25000 321.862722 -3117.393 -148.970730
-191.516610 -338.688784 -4874.339
0.50000 321.862722 -3066.803 -146.947137
-191.516610 -301.700351 -4101.347
0.75000 321.862722 -3017.774 -144.985980
-191.516610 -265.210013 -3340.807
1.00000 321.862722 -2970.306 -143.087262
-191.516610 -229.202158 -2592.330

COMB SVB11 ----- MAX
REL DIST T P M2 V2 V3
0.00000 321.862722 -3169.544 -151.02903
24.152553 -12.223410 -5660.174
0.25000 321.862722 -3117.393 -17.426872
24.152553 -7.607239 -4874.339
0.50000 321.862722 -3066.803 -15.403278
24.152553 -3.504771 -4101.347
0.75000 321.862722 -3017.774 -13.442122
24.152553 0.099603 -3340.807
1.00000 321.862722 -2970.306 -11.543403
24.152553 3.221493 -2592.330

COMB SVB11 ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.862722 -3169.544 -19.512903
24.152553 -12.223410 -5660.174
0.25000 321.862722 -3117.393 -17.426872
24.152553 -7.607239 -4874.339
0.50000 321.862722 -3066.803 -15.403278
24.152553 -3.504771 -4101.347
0.75000 321.862722 -3017.774 -13.442122
24.152553 0.099603 -3340.807
1.00000 321.862722 -2970.306 -11.543403
24.152553 3.221493 -2592.330

COMB SVB12 ----- MAX
REL DIST T P M2 V2 V3
0.00000 413.825362 -4024.074 -141.300310
-203.592887 -370.079215 -7312.418
0.25000 413.825362 -3971.924 -140.257294
-203.592887 -334.885164 -6312.951
0.50000 413.825362 -3921.334 -139.245497
-203.592887 -299.947966 -5326.326
0.75000 413.825362 -3872.305 -138.264919
-203.592887 -265.259814 -4352.154
1.00000 413.825362 -3824.837 -137.315560
-203.592887 -230.812905 -3390.044

COMB SVB12 ----- MIN
REL DIST T P M2 V2 V3
0.00000 413.825362 -4024.074 -141.300310
-203.592887 -370.079215 -7312.418
0.25000 413.825362 -3971.924 -140.257294
-203.592887 -334.885164 -6312.951
0.50000 413.825362 -3921.334 -139.245497
-203.592887 -299.947966 -5326.326
0.75000 413.825362 -3872.305 -138.264919
-203.592887 -265.259814 -4352.154
1.00000 413.825362 -3824.837 -137.315560
-203.592887 -230.812905 -3390.044
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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 SVB13 ----- MAX
REL DIST T P M2 V2 V3
0.00000 413.825362 -4024.074 -9.756452
12.076277 -6.111705 -5660.174
0.25000 413.825362 -3971.924 -8.713436
12.076277 -3.803620 -6312.951
0.50000 413.825362 -3921.334 -7.701639
12.076277 -1.752386 -5326.326
0.75000 413.825362 -3872.305 -6.721061
12.076277 0.049801 -4352.154
1.00000 413.825362 -3824.837 -5.771702
12.076277 1.610746 -3390.044
COMB SVB13 ----- MIN
REL DIST T P M2 V2 V3
0.00000 413.825362 -4024.074 -9.756452
12.076277 -6.111705 -5660.174
0.25000 413.825362 -3971.924 -8.713436
12.076277 -3.803620 -6312.951

0.50000 413.825362 -3921.334 -7.701639
12.076277 -1.752386 -5326.326
0.75000 413.825362 -3872.305 -6.721061
12.076277 0.049801 -4352.154
1.00000 413.825362 -3824.837 -5.771702
12.076277 1.610746 -3390.044
COMB SVB14 ----- MAX
REL DIST T P M2 V2 V3
0.00000 321.862722 -3169.544 -141.300310
-203.592887 -370.079215 -5660.174
0.25000 321.862722 -3117.393 -140.257294
-203.592887 -334.885164 -4874.339
0.50000 321.862722 -3066.803 -139.245497
-203.592887 -299.947966 -4101.347
0.75000 321.862722 -3017.774 -138.264919
-203.592887 -265.259814 -3340.807
1.00000 321.862722 -2970.306 -137.315560
-203.592887 -230.812905 -2592.330

COMB SVB14 ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.862722 -3169.544 -141.300310
-203.592887 -370.079215 -5660.174
0.25000 321.862722 -3117.393 -140.257294
-203.592887 -334.885164 -4874.339
0.50000 321.862722 -3066.803 -139.245497
-203.592887 -299.947966 -4101.347
0.75000 321.862722 -3017.774 -138.264919
-203.592887 -265.259814 -3340.807
1.00000 321.862722 -2970.306 -137.315560
-203.592887 -230.812905 -2592.330

COMB SVB15 ----- MAX
REL DIST T P M2 V2 V3
0.00000 321.862722 -3169.544 -9.756452
12.076277 -6.111705 -5660.174
0.25000 321.862722 -3117.393 -8.713436
12.076277 -3.803620 -6312.951
0.50000 321.862722 -3066.803 -7.701639
12.076277 -1.752386 -5326.326
0.75000 321.862722 -3017.774 -6.721061
12.076277 0.049801 -4352.154
1.00000 321.862722 -3824.837 -5.771702
12.076277 1.610746 -2592.330

COMB SVB15 ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.862722 -3169.544 -9.756452
12.076277 -6.111705 -5660.174
0.25000 321.862722 -3117.393 -8.713436
12.076277 -3.803620 -6312.951
0.50000 321.862722 -3066.803 -7.701639
12.076277 -1.752386 -5326.326
0.75000 321.862722 -3017.774 -6.721061
12.076277 0.049801 -4352.154
1.00000 321.862722 -2970.306 -5.771702
12.076277 1.610746 -2592.330
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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 ULB01 ----- MAX
REL DIST T P M2 V2 V3
0.00000 616.141214 -5957.648 7.20E-13
7.10E-15 1.33E-12 -10910.551
0.25000 616.141214 -5889.852 7.12E-13
7.10E-15 1.15E-12 -9429.656
0.50000 616.141214 -5824.085 7.04E-13
7.10E-15 9.71E-13 -7965.456
0.75000 616.141214 -5760.347 6.96E-13
7.10E-15 7.96E-13 -6517.444
1.00000 616.141214 -5698.639 6.89E-13
7.10E-15 6.23E-13 -5085.113

COMB ULB01 ----- MIN
REL DIST T P M2 V2 V3
0.00000 616.141214 -5957.648 7.20E-13
7.10E-15 1.33E-12 -10910.551
0.25000 616.141214 -5889.852 7.12E-13
7.10E-15 1.15E-12 -9429.656
0.50000 616.141214 -5824.085 7.04E-13
7.10E-15 9.71E-13 -7965.456
0.75000 616.141214 -5760.347 6.96E-13
7.10E-15 7.96E-13 -6517.444
1.00000 616.141214 -5698.639 6.89E-13
7.10E-15 6.23E-13 -5085.113

COMB ULB02 ----- MAX
REL DIST T P M2 V2 V3
0.00000 418.421538 -4120.407 4.98E-13
4.89E-15 8.95E-13 -7358.226
0.25000 418.421538 -4052.611 4.90E-13
4.89E-15 7.71E-13 -6336.641
0.50000 418.421538 -3923.107 4.90E-13
4.89E-15 6.50E-13 -3861.398
0.75000 418.421538 -3792.288 4.74E-13
4.89E-15 5.30E-13 -4343.049
1.00000 418.421538 -3861.398 4.67E-13
4.89E-15 4.13E-13 -3370.029

COMB ULB02 ----- MIN
REL DIST T P M2 V2 V3
0.00000 418.421538 -4120.407 4.98E-13
4.89E-15 8.95E-13 -7358.226
0.25000 418.421538 -4052.611 4.90E-13
4.89E-15 7.71E-13 -6336.641
0.50000 418.421538 -3923.107 4.90E-13
4.89E-15 6.50E-13 -3861.398
0.75000 418.421538 -3792.288 4.74E-13
4.89E-15 5.30E-13 -4343.049
1.00000 418.421538 -3861.398 4.67E-13
4.89E-15 4.13E-13 -3370.029

COMB ULB03 ----- MAX
REL DIST T P M2 V2 V3
0.00000 418.421538 -4120.407 -25.366774
31.398319 -15.890434 -7358.226
0.25000 418.421538 -4052.611 -22.654934
31.398319 -9.889411 -6336.641
0.50000 418.421538 -3986.844 -20.024262
31.398319 -4.562023 -3986.844
0.75000 418.421538 -3923.107 -17.474759
31.398319 0.129484 -4343.049
1.00000 418.421538 -3861.398 -15.006424
31.398319 4.187941 -3370.029

COMB ULB03 ----- MIN
REL DIST T P M2 V2 V3
0.00000 418.421538 -4120.407 -25.366774
31.398319 -15.890434 -7358.226
0.25000 418.421538 -4052.611 -22.654934
31.398319 -9.889411 -6336.641
0.50000 418.421538 -3986.844 -20.024262
31.398319 -4.562023 -3986.844
0.75000 418.421538 -3923.107 -17.474759
31.398319 0.129484 -4343.049
1.00000 418.421538 -3861.398 -15.006424
31.398319 4.187941 -3370.029
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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 ULB04 ----- MAX
REL DIST T P M2 V2 V3
0.00000 537.972970 -5231.297 -12.683387
15.699160 -7.945217 -9506.143
0.25000 537.972970 -5163.501 -11.327467
15.699160 -4.944706 -8206.836
0.50000 537.972970 -5097.734 -10.012131
15.699160 2.278101 -6924.224
0.75000 537.972970 -5033.996 -8.737379
15.699160 0.064742 -5657.800
1.00000 537.972970 -4972.288 -7.503212
15.699160 2.093970 -4407.057

COMB ULB04 ----- MIN
REL DIST T P M2 V2 V3
0.00000 537.972970 -5231.297 -12.683387
15.699160 -7.945217 -9506.143
0.25000 537.972970 -5163.501 -11.327467
15.699160 -4.944706 -8206.836
0.50000 537.972970 -5097.734 -10.012131
15.699160 -2.278101 -6924.224
0.75000 537.972970 -5033.996 -8.737379
15.699160 0.064742 -5657.800
1.00000 537.972970 -4972.288 -7.503212
15.699160 2.093970 -4407.057

COMB ULB05 ----- MAX
REL DIST T P M2 V2 V3
0.00000 418.421538 -4120.407 -12.683387
15.699160 -7.945217 -9506.143
0.25000 418.421538 -4052.611 -11.327467
15.699160 -4.944706 -8206.836
0.50000 418.421538 -3986.844 -10.012131
15.699160 -2.278101 -6924.224
0.75000 418.421538 -3923.107 -8.737379
15.699160 0.064742 -5657.800
1.00000 418.421538 -3861.398 -7.503212
15.699160 2.093970 -3370.029

COMB ULB05 ----- MIN
REL DIST T P M2 V2 V3
0.00000 418.421538 -4120.407 -12.683387
15.699160 -7.945217 -9506.143
0.25000 418.421538 -4052.611 -11.327467
15.699160 -4.944706 -8206.836
0.50000 418.421538 -3986.844 -10.012131
15.699160 -2.278101 -6924.224
0.75000 418.421538 -3923.107 -8.737379
15.699160 0.064742 -5657.800
1.00000 418.421538 -3861.398 -7.503212
15.699160 2.093970 -3370.029

COMB ULB06 ----- MAX
REL DIST T P M2 V2 V3
0.00000 537.972970 -5231.297 -171.007016
-280.369913 -473.157762 -9506.143
0.25000 537.972970 -5163.501 -171.007016
-280.369913 -430.406008 -8206.836
0.50000 537.972970 -5097.734 -171.007016
-280.369913 -387.654254 -6924.224
0.75000 537.972970 -5033.996 -171.007016
-280.369913 -344.902500 -5657.800
1.00000 537.972970 -4972.288 -171.007016
-280.369913 -302.150746 -4407.057

COMB ULB06 ----- MIN
REL DIST T P M2 V2 V3
0.00000 537.972970 -5231.297 -171.007016
-280.369913 -473.157762 -9506.143
0.25000 537.972970 -5163.501 -171.007016
-280.369913 -430.406008 -8206.836
0.50000 537.972970 -5097.734 -171.007016
-280.369913 -387.654254 -6924.224
0.75000 537.972970 -5033.996 -171.007016
-280.369913 -344.902500 -5657.800
1.00000 537.972970 -4972.288 -171.007016
-280.369913 -302.150746 -4407.057
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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 ULB07 ----- MAX
REL DIST T P M2 V2 V3
0.00000 537.972970 -5231.297 6.32E-13
6.23E-15 1.16E-12 -9506.143
0.25000 537.972970 -5163.501 6.24E-13
6.23E-15 9.99E-13 -8206.836
0.50000 537.972970 -5097.734 6.16E-13
6.23E-15 8.44E-13 -6924.224
0.75000 537.972970 -5033.996 6.09E-13
6.23E-15 6.91E-13 -5657.800
1.00000 537.972970 -4972.288 6.01E-13
6.23E-15 5.40E-13 -4407.057

COMB ULB07 ----- MIN
REL DIST T P M2 V2 V3
0.00000 537.972970 -5231.297 6.32E-13
6.23E-15 1.16E-12 -9506.143
0.25000 537.972970 -5163.501 6.24E-13
6.23E-15 9.99E-13 -8206.836
0.50000 537.972970 -5097.734 6.16E-13
6.23E-15 8.44E-13 -6924.224
0.75000 537.972970 -5033.996 6.09E-13
6.23E-15 6.91E-13 -5657.800
1.00000 537.972970 -4972.288 6.01E-13

6.23E-15 5.40E-13 -4407.057
COMB ULB08 ----- MAX
REL DIST T P M2 V2 V3
0.00000 418.421538 -4120.407 -171.007016
-280.369913 -473.157762 -9506.143
0.25000 418.421538 -4052.611 -171.007016
-280.369913 -430.406008 -8206.844
0.50000 418.421538 -3986.844 -171.007016
-280.369913 -387.654254 -5331.751
0.75000 418.421538 -3923.107 -171.007016
-280.369913 -344.902500 -4343.049
1.00000 418.421538 -3861.398 -171.007016
-280.369913 -302.150746 -3370.029

COMB ULB08 ----- MIN
REL DIST T P M2 V2 V3
0.00000 418.421538 -4120.407 -171.007016
-280.369913 -473.157762 -9506.143
0.25000 418.421538 -4052.611 -171.007016
-280.369913 -430.406008 -8206.844
0.50000 418.421538 -3986.844 -171.007016
-280.369913 -387.654254 -5331.751
0.75000 418.421538 -3923.107 -171.007016
-280.369913 -344.902500 -4343.049
1.00000 418.421538 -3861.398 -171.007016
-280.369913 -302.150746 -3370.029

COMB ULB09 ----- MAX
REL DIST T P M2 V2 V3
0.00000 418.421538 -4120.407 4.98E-13
4.89E-15 8.95E-13 -7358.226
0.25000 418.421538 -4052.611 4.90E-13
4.89E-15 7.71E-13 -6336.641
0.50000 418.421538 -3986.844 4.82E-13
4.89E-15 6.50E-13 -5331.751
0.75000 418.421538 -3923.107 4.74E-13

COMB ULB17 ----- MAX

31.398319	-15.890434	-5660.174	
0.25000	321.862722	-3117.393	-22.654934
21.208210	0.880411	4874.220	

	I	M2	M3
	0.00000	321.862722	-3169.544 -171.007016
	289.260012	472.157762	5660.174

0.75000	420.722885	-3935.049	-172.831149
-254.491109	-331.574768	-4437.950	
1.00000	420.722885	3935.051	172.831149

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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 UEB13 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	420.722885	-4079.230	-12.195565	
15.095346	-7.639632	-7442.470		
0.25000	420.722885	-4029.687	-10.891795	
15.095346	-4.754525	-6428.887		
0.50000	420.722885	-3981.626	-9.627049	
15.095346	-2.190482	-5427.504		
0.75000	420.722885	-3935.049	-8.401326	
15.095346	0.062252	-4437.950		
1.00000	420.722885	-3889.954	-7.214627	
15.095346	2.013433	-3459.856		
COMB UEB13 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	420.722885	-4079.230	-12.195565	
15.095346	-7.639632	-7442.470		
0.25000	420.722885	-4029.687	-10.891795	
15.095346	-4.754525	-6428.887		
0.50000	420.722885	-3981.626	-9.627049	
15.095346	-2.190482	-5427.504		
0.75000	420.722885	-3935.049	-8.401326	
15.095346	0.062252	-4437.950		
1.00000	420.722885	-3889.954	-7.214627	
15.095346	2.013433	-3459.856		
COMB UEB14 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	305.769586	-3011.067	-176.625387	
-254.491109	-462.599018	-5377.165		
0.25000	305.769586	-2961.523	-175.321618	
-254.491109	-418.606455	-4630.622		
0.50000	305.769586	-2913.463	-174.056872	
-254.491109	-374.934957	-3896.280		
0.75000	305.769586	-2866.886	-172.831149	
-254.491109	-331.574768	-3173.767		
1.00000	305.769586	-2821.791	-171.644450	
-254.491109	-288.516131	-2462.713		
COMB UEB14 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	305.769586	-3011.067	-176.625387	
-254.491109	-462.599018	-5377.165		
0.25000	305.769586	-2961.523	-175.321618	
-254.491109	-418.606455	-4630.622		
0.50000	305.769586	-2913.463	-174.056872	
-254.491109	-374.934957	-3896.280		
0.75000	305.769586	-2866.886	-172.831149	
-254.491109	-331.574768	-3173.767		
1.00000	305.769586	-2821.791	-171.644450	
-254.491109	-288.516131	-2462.713		
COMB UEB15 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	305.769586	-3011.067	-12.195565	
15.095346	-7.639632	-5377.165		
0.25000	305.769586	-2961.523	-10.891795	
15.095346	-4.754525	-6430.622		
0.50000	305.769586	-2913.463	-9.627049	
15.095346	-2.190482	-5427.504		
0.75000	305.769586	-2866.886	-8.401326	
15.095346	0.062252	-4437.950		
1.00000	305.769586	-2821.791	-7.214627	
15.095346	2.013433	-2462.713		
COMB UEB15 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	305.769586	-3011.067	-12.195565	
15.095346	-7.639632	-5377.165		
0.25000	305.769586	-2961.523	-10.891795	
15.095346	-4.754525	-6430.622		
0.50000	305.769586	-2913.463	-9.627049	
15.095346	-2.190482	-5427.504		
0.75000	305.769586	-2866.886	-8.401326	
15.095346	0.062252	-4437.950		
1.00000	305.769586	-2821.791	-7.214627	
15.095346	2.013433	-2462.713		
Program SAP2000 Nonlinear Version 7.42 File:성도교하행_P9_본체.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				
COMB UEB16 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	321.862722	-3169.544	3.83E-13	
3.76E-15	6.88E-13	-5660.174		
0.25000	321.862722	-3117.393	3.77E-13	
3.76E-15	5.93E-13	-4874.339		
0.50000	321.862722	-3066.803	3.71E-13	
3.76E-15	5.00E-13	-4101.347		
0.75000	321.862722	-3017.774	3.65E-13	
3.76E-15	4.08E-13	-3340.807		
1.00000	321.862722	-2970.306	3.59E-13	
3.76E-15	3.18E-13	-2592.330		
COMB UEB16 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	321.862722	-3169.544	3.83E-13	
3.76E-15	6.88E-13	-5660.174		
0.25000	321.862722	-3117.393	3.77E-13	
3.76E-15	5.93E-13	-4874.339		
0.50000	321.862722	-3066.803	3.71E-13	
3.76E-15	5.00E-13	-4101.347		
0.75000	321.862722	-3017.774	3.65E-13	
3.76E-15	4.08E-13	-3340.807		
1.00000	321.862722	-2970.306	3.59E-13	
3.76E-15	3.18E-13	-2592.330		
COMB UEB17 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	441.414154	-4280.434	5.17E-13	
5.10E-15	9.50E-13	-7808.091		
0.25000	441.414154	-4228.283	5.11E-13	
5.10E-15	8.21E-13	-6744.534		
0.50000	441.414154	-4177.693	5.05E-13	
5.10E-15	6.94E-13	-5693.820		
0.75000	441.414154	-4128.664	4.99E-13	
5.10E-15	5.69E-13	-4655.558		
1.00000	441.414154	-4081.196	4.93E-13	
5.10E-15	4.44E-13	-3629.358		
COMB UEB17 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	441.414154	-4280.434	5.17E-13	
5.10E-15	9.50E-13	-7808.091		
0.25000	441.414154	-4228.283	5.11E-13	
5.10E-15	8.21E-13	-6744.534		
0.50000	441.414154	-4177.693	5.05E-13	
5.10E-15	6.94E-13	-5693.820		
0.75000	441.414154	-4128.664	4.99E-13	
5.10E-15	5.69E-13	-4655.558		
1.00000	441.414154	-4081.196	4.93E-13	
5.10E-15	4.44E-13	-3629.358		

REL DIST T	P M2	V2 M3	V3	15.00000	418.453504	-3985.080	4.82E-13	0.25000	538.004936	-5161.736	6.24E-13	6.22E-15	2.34E-13	-1886.381	
0.00000	481.981991	-3505.647	4.24E-13	4.89E-15	6.49E-13	-5327.632	4.74E-13	6.23E-15	9.98E-13	-8202.276					
5.55E-15	7.45E-13	-6119.550		0.75000	418.453504	-3921.342		0.50000	538.004936	-5095.970	6.16E-13	COMB	ULO12	-----	MAX
0.25000	481.981991	-3453.496	4.17E-13	4.89E-15	5.30E-13	-4339.371		6.23E-15	8.43E-13	-6920.105					
5.55E-15	6.40E-13	-5249.690		1.00000	418.453504	-3859.634	4.67E-13	0.75000	538.004936	-5032.232	6.08E-13	REL DIST T	P M2	V2 M3	V3
0.50000	481.981991	-3402.906	4.11E-13	4.89E-15	4.12E-13	-3366.792		6.23E-15	6.90E-13	-5654.122	6.01E-13	0.00000	440.693029	-4384.100	5.30E-13
5.55E-15	5.37E-13	-4392.672		0.25000	557.466606	-3072.774		6.23E-15	538.004936	-4403.820		7.39E-15	1.05E-12	-8569.039	
0.75000	481.981991	-3353.878	4.05E-13	0.50000	557.466606	-3004.978	3.63E-13	0.25000	538.004936	-5161.736	6.24E-13	0.25000	440.693029	-4318.911	5.22E-13
5.55E-15	4.35E-13	-3548.107		6.47E-15	5.06E-13	-4142.723		6.23E-15	1.16E-12	-9501.142		7.39E-15	9.14E-13	-7481.203	
1.00000	481.981991	-3306.410	3.99E-13	0.75000	557.466606	-2875.473	3.47E-13	0.50000	538.004936	-5095.970	6.16E-13	0.50000	440.693029	-4255.674	5.14E-13
5.55E-15	3.34E-13	-2715.603		6.47E-15	3.29E-13	-2672.949		6.23E-15	8.43E-13	-6920.105		7.39E-15	7.84E-13	-6409.421	
				0.25000	557.466606	-3004.978	3.63E-13	0.25000	538.004936	-5161.736	6.24E-13	0.25000	440.693029	-4194.388	5.07E-13
COMB	SV013	-----	MIN	0.50000	557.466606	-2939.211	3.55E-13	6.23E-15	9.98E-13	-8202.276		7.39E-15	6.57E-13	-5353.204	
REL DIST T	P M2	V2 M3	V3	6.47E-15	4.17E-13	-3399.744		6.23E-15	6.90E-13	-5654.122	6.08E-13	REL DIST T	P M2	V2 M3	V3
0.00000	481.981991	-3505.647	4.24E-13	0.75000	557.466606	-2875.473	3.47E-13	0.50000	538.004936	-5095.970	6.16E-13	COMB	ULO12	-----	MIN
5.55E-15	7.45E-13	-6119.550		6.47E-15	5.30E-13	-4339.371		6.23E-15	1.16E-12	-9501.142		7.39E-15	9.14E-13	-7481.203	
0.25000	481.981991	-3453.496	4.17E-13	0.50000	557.466606	-3004.978	3.63E-13	0.25000	538.004936	-5161.736	6.24E-13	0.25000	440.693029	-4318.911	5.22E-13
5.55E-15	6.40E-13	-5249.690		6.47E-15	3.29E-13	-2672.949		6.23E-15	8.43E-13	-6920.105		7.39E-15	7.84E-13	-6409.421	
0.50000	481.981991	-3402.906	4.11E-13	0.75000	557.466606	-2875.473	3.47E-13	0.50000	538.004936	-5095.970	6.16E-13	0.50000	440.693029	-4255.674	5.14E-13
5.55E-15	5.37E-13	-4392.672		6.47E-15	4.17E-13	-3399.744		6.23E-15	6.90E-13	-5654.122	6.01E-13	0.00000	440.693029	-4384.100	5.30E-13
0.75000	481.981991	-3353.878	4.05E-13	0.25000	557.466606	-3004.978	3.63E-13	0.25000	538.004936	-5161.736	6.24E-13	0.25000	440.693029	-4194.388	5.07E-13
5.55E-15	4.35E-13	-3548.107		6.47E-15	3.29E-13	-2672.949		6.23E-15	8.43E-13	-6920.105		7.39E-15	7.84E-13	-6409.421	
1.00000	481.981991	-3306.410	3.99E-13	0.75000	557.466606	-2875.473	3.47E-13	0.50000	538.004936	-5095.970	6.16E-13	0.50000	440.693029	-4255.674	5.14E-13
5.55E-15	3.34E-13	-2715.603		6.47E-15	2.43E-13	-1961.836		6.23E-15	6.90E-13	-5654.122	6.01E-13	0.00000	440.693029	-4384.100	5.30E-13
				Program	SAP2000	Nonlinear	Version 7.42	File:청도1교하행_P9_본체.OUT				REL DIST T	P M2	V2 M3	V3

3.76E-15	4.08E-13	-3337.978		
1.00000	321.887311	-2968.949	3.59E-13	
3.76E-15	3.17E-13	-2589.840		
COMB ULO16 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	321.887311	-3168.187		
3.76E-15	6.88E-13	-5655.172	3.83E-13	
0.25000	321.887311	-3116.036	3.77E-13	
3.76E-15	5.93E-13	-4870.831		
0.50000	321.887311	-3065.446	3.71E-13	
3.76E-15	5.00E-13	-4098.178		
0.75000	321.887311	-3016.417	3.65E-13	
3.76E-15	4.08E-13	-3337.978		
1.00000	321.887311	-2968.949	3.59E-13	
3.76E-15	3.17E-13	-2589.840		

COMB ULO17 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	538.004936	-5229.532	6.32E-13	
6.23E-15	1.16E-12	-9501.142		
0.25000	538.004936	-5161.736	6.24E-13	
6.23E-15	9.98E-13	-8202.276		
0.50000	538.004936	-5095.970	6.16E-13	
6.23E-15	8.43E-13	-6920.105		
0.75000	538.004936	-5032.232	6.08E-13	
6.23E-15	6.90E-13	-5654.122		
1.00000	538.004936	-4970.524	6.01E-13	
6.23E-15	5.39E-13	-4403.820		

COMB ULO17 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	538.004936	-5229.532	6.32E-13	
6.23E-15	1.16E-12	-9501.142		
0.25000	538.004936	-5161.736	6.24E-13	
6.23E-15	9.98E-13	-8202.276		
0.50000	538.004936	-5095.970	6.16E-13	
6.23E-15	8.43E-13	-6920.105		
0.75000	538.004936	-5032.232	6.08E-13	
6.23E-15	6.90E-13	-5654.122		
1.00000	538.004936	-4970.524	6.01E-13	
6.23E-15	5.39E-13	-4403.820		

COMB ULO18 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	514.584559	-2836.406	3.42E-13	
5.97E-15	5.52E-13	-4625.292		
0.25000	514.584559	-2773.825	3.35E-13	
5.97E-15	4.68E-13	-3824.052		
0.50000	514.584559	-2713.118	3.27E-13	
5.97E-15	3.85E-13	-3138.223		
0.75000	514.584559	-2654.283	3.20E-13	
5.97E-15	3.04E-13	-2467.337		
1.00000	514.584559	-2597.321	3.13E-13	
5.97E-15	2.25E-13	-1810.926		

COMB ULO18 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	514.584559	-2836.406	3.42E-13	
5.97E-15	5.52E-13	-4625.292		
0.25000	514.584559	-2773.825	3.35E-13	
5.97E-15	4.68E-13	-3824.052		
0.50000	514.584559	-2713.118	3.27E-13	
5.97E-15	3.85E-13	-3138.223		
0.75000	514.584559	-2654.283	3.20E-13	
5.97E-15	3.04E-13	-2467.337		
1.00000	514.584559	-2597.321	3.13E-13	
5.97E-15	2.25E-13	-1810.926		
Program SAP2000 Nonlinear Version 7.42				
File:청도1교하행_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				
COMB UEO01 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	519.614363	-5005.020	6.05E-13	
5.97E-15	1.12E-12	-9207.498		
0.25000	519.614363	-4952.869	5.99E-13	
5.97E-15	9.69E-13	-7962.794		
0.50000	519.614363	-4902.280	5.93E-13	
5.97E-15	8.20E-13	-6730.933		
0.75000	519.614363	-4853.251	5.87E-13	
5.97E-15	6.73E-13	-5511.524		
1.00000	519.614363	-4805.783	5.81E-13	
5.97E-15	5.27E-13	-4304.177		

COMB UEO01 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	519.614363	-5005.020	6.05E-13	
5.97E-15	1.12E-12	-9207.498		
0.25000	519.614363	-4952.869	5.99E-13	
5.97E-15	9.69E-13	-7962.794		
0.50000	519.614363	-4902.280	5.93E-13	
5.97E-15	8.20E-13	-6730.933		
0.75000	519.614363	-4853.251	5.87E-13	
5.97E-15	6.73E-13	-5511.524		
1.00000	519.614363	-4805.783	5.81E-13	
5.97E-15	5.27E-13	-4304.177		

COMB UEO02 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	321.894688	-3167.779	3.83E-13	
3.77E-15	6.88E-13	-5655.172		
0.25000	321.894688	-3115.629	3.77E-13	
3.77E-15	5.93E-13	-4869.779		
0.50000	321.894688	-3065.039	3.71E-13	
3.77E-15	4.99E-13	-4097.228		
0.75000	321.894688	-3016.010	3.65E-13	
3.77E-15	4.08E-13	-3337.129		
1.00000	321.894688	-2968.542	3.59E-13	
3.77E-15	3.17E-13	-2589.093		

COMB UEO02 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	321.894688	-3167.779	3.83E-13	
3.77E-15	6.88E-13	-5655.172		
0.25000	321.894688	-3115.629	3.77E-13	
3.77E-15	5.93E-13	-4869.779		
0.50000	321.894688	-3065.039	3.71E-13	
3.77E-15	4.99E-13	-4097.228		
0.75000	321.894688	-3016.010	3.65E-13	
3.77E-15	4.08E-13	-3337.129		
1.00000	321.894688	-2968.542	3.59E-13	
3.77E-15	3.17E-13	-2589.093		

COMB UEO03 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		

T M2 M3				
0.00000	460.907790	-2121.910	2.56E-13	
5.34E-15	3.92E-13	-3204.348		
0.25000	460.907790	-2099.760	2.50E-13	
5.34E-15	3.28E-13	-2680.422		
0.50000	460.907790	-2019.170	2.44E-13	
5.34E-15	2.67E-13	-2169.338		
0.75000	460.907790	-1970.141	2.38E-13	
5.34E-15	2.07E-13	-1670.707		
1.00000	460.907790	-1922.673	2.32E-13	
5.34E-15	1.48E-13	-1184.137		

COMB UEO03 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	460.907790	-2121.910	2.56E-13	
5.34E-15	3.92E-13	-3204.348		
0.25000	460.907790	-2099.760	2.50E-13	
5.34E-15	3.28E-13	-2680.422		
0.50000	460.907790	-2019.170	2.44E-13	
5.34E-15	2.67E-13	-2169.338		
0.75000	460.907790	-1970.141	2.38E-13	
5.34E-15	2.07E-13	-1670.707		
1.00000	460.907790	-1922.673	2.32E-13	
5.34E-15	1.48E-13	-1184.137		
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 UEO04 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	530.017772	-3606.478	4.36E-13	
6.09E-15	7.62E-13	-6257.364		
0.25000	530.017772	-3554.327	4.29E-13	
6.09E-15	6.54E-13	-5362.295		
0.50000	530.017772	-3503.737	4.23E-13	
6.09E-15	5.48E-13	-4480.070		
0.75000	530.017772	-3454.709	4.17E-13	
6.09E-15	4.43E-13	-3610.297		
1.00000	530.017772	-3407.241	4.12E-13	
6.09E-15	3.39E-13	-2752.585		

COMB UEO04 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	530.017772	-3606.478	4.36E-13	
6.09E-15	7.62E-13	-6257.364		
0.25000	530.017772	-3554.327	4.29E-13	
6.09E-15	6.54E-13	-5362.295		
0.50000	530.017772	-3503.737	4.23E-13	
6.09E-15	5.48E-13	-4480.070		
0.75000	530.017772	-3454.709	4.17E-13	
6.09E-15	4.43E-13	-3610.297		
1.00000	530.017772	-3407.241	4.12E-13	
6.09E-15	3.39E-13	-2752.585		

COMB UEO05 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	410.466340	-2495.588	3.01E-13	
4.75E-15	5.01E-13	-4109.446		
0.25000	410.466340	-2443.438	2.95E-13	
4.75E-15	4.26E-13	-3492.100		
0.50000	410.466340	-2392.848	2.89E-13	
4.75E-15	3.53E-13	-2887.597		
0.75000	410.466340	-2343.819	2.83E-13	
0.50000	410.466340	-2332.848	2.89E-13	
4.75E-15	3.53E-13	-2887.597		
0.75000	410.466340	-2343.819	2.83E-13	
4.75E-15	2.82E-13	-2295.546		
1.00000	410.466340	-2296.351	2.77E-13	
4.75E-15	2.12E-13	-1715.557		

COMB UEO05 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	410.466340	-2495.588	3.01E-13	
4.75E-15	5.01E-13	-4109.446		
0.25000	410.466340	-2443.438	2.95E-13	
4.75E-15	4.26E-13	-3492.100		
0.50000	410.466340	-2392.848	2.89E-13	
4.75E-15	3.53E-13	-2887.597		
0.75000	410.466340	-2343.819	2.83E-13	
0.50000	410.466340	-2332.848	2.89E-13	
4.75E-15	3.53E-13	-2887.597		
0.75000	410.466340	-2343.819	2.83E-13	
4.75E-15	2.82E-13	-2295.546		
1.00000	410.466340	-2296.351	2.77E-13	
4.75E-15	2.12E-13	-1715.557		

COMB		UEO06-----MAX		
REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	273.190282	-4280.791		5.17E-13
5.57E-15	1.07E-12	-8759.475		
0.25000	273.190282	-4228.641		5.11E-13
5.57E-15	9.39E-13	-7695.828		
0.50000	273.190282	-4178.051		5.05E-13
5.57E-15	8.12E-13	-6645.024		
0.75000	273.190282	-4129.022		4.99E-13
5.57E-15	6.86E-13	-5606.673		
1.00000	273.190282	-4081.554		4.93E-13
5.57E-15	5.62E-13	-4580.383		

0.25000 321.887311 -3116.036 3.77E-13
3.76E-15 5.93E-13 -4870.831
0.50000 321.887311 -3065.446 3.71E-13
3.76E-15 5.00E-13 -4098.178
0.75000 321.887311 -3016.417 3.65E-13
3.76E-15 4.08E-13 -3337.978
1.00000 321.887311 -2968.949 3.59E-13
3.76E-15 3.17E-13 -2589.840

COMB UEO17 ----- MAX
REL DIST T P M2 V2 V3
0.00000 441.446120 -4278.669 5.17E-13
5.10E-15 9.49E-13 -7803.090
0.25000 441.446120 -4226.518 5.11E-13
5.10E-15 8.20E-13 -6739.974
0.50000 441.446120 -4175.929 5.05E-13
5.10E-15 6.94E-13 -5689.701
0.75000 441.446120 -4126.900 4.99E-13
5.10E-15 5.68E-13 -4651.880
1.00000 441.446120 -4079.432 4.93E-13
5.10E-15 4.44E-13 -3626.121

COMB UEO17 ----- MIN
REL DIST T P M2 V2 V3
0.00000 441.446120 -4278.669 5.17E-13
5.10E-15 9.49E-13 -7803.090
0.25000 441.446120 -4226.518 5.11E-13
5.10E-15 8.20E-13 -6739.974
0.50000 441.446120 -4175.929 5.05E-13
5.10E-15 6.94E-13 -5689.701
0.75000 441.446120 -4126.900 4.99E-13
5.10E-15 5.68E-13 -4651.880
1.00000 441.446120 -4079.432 4.93E-13
5.10E-15 4.44E-13 -3626.121

COMB UEO18 ----- MAX
REL DIST T P M2 V2 V3
0.00000 418.025743 -1885.543 2.27E-13
4.84E-15 3.46E-13 -2827.240 2.22E-13
0.25000 418.025743 -1838.608 2.16E-13
4.84E-15 2.90E-13 -2361.751 2.11E-13
0.50000 418.025743 -1793.077 2.06E-13
4.84E-15 2.35E-13 -1907.819 2.06E-13
0.75000 418.025743 -1748.951 2.06E-13
4.84E-15 1.81E-13 -1465.095 2.06E-13
1.00000 418.025743 -1706.230 2.06E-13
4.84E-15 1.29E-13 -1033.227

COMB UEO18 ----- MIN
REL DIST T P M2 V2 V3
0.00000 418.025743 -1885.543 2.27E-13
4.84E-15 3.46E-13 -2827.240 2.22E-13
0.25000 418.025743 -1838.608 2.16E-13
4.84E-15 2.90E-13 -2361.751 2.11E-13
0.50000 418.025743 -1793.077 2.06E-13
4.84E-15 2.35E-13 -1907.819 2.06E-13
0.75000 418.025743 -1748.951 2.06E-13
4.84E-15 1.81E-13 -1465.095 2.06E-13
1.00000 418.025743 -1706.230 2.06E-13
4.84E-15 1.29E-13 -1033.227

Program SAP2000 Nonlinear Version 7.42
File:청도1교하행_P9_본체.OUT
: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체 441

FRAME ELEMENT INTERNAL FORCES

COMB ENVBULT ----- MAX
REL DIST T P M2 V2 V3
0.00000 616.141214 -5957.648 7.20E-13
7.10E-15 1.33E-12 -10910.551 7.12E-13
0.25000 616.141214 -5889.852 7.04E-13
7.10E-15 1.15E-12 -9429.656 6.96E-13
0.50000 616.141214 -5824.085 6.89E-13
7.10E-15 9.71E-13 -7965.456 6.89E-13
0.75000 616.141214 -5760.347 6.89E-13
7.10E-15 7.96E-13 -6517.444 6.89E-13
1.00000 616.141214 -5698.639 6.89E-13
7.10E-15 6.23E-13 -5085.113

COMB ENVBULT ----- MIN
REL DIST T P M2 V2 V3
0.00000 616.141214 -5957.648 7.20E-13
7.10E-15 1.33E-12 -10910.551 7.12E-13
0.25000 616.141214 -5889.852 7.04E-13
7.10E-15 1.15E-12 -9429.656 6.96E-13
0.50000 616.141214 -5824.085 6.89E-13
7.10E-15 9.71E-13 -7965.456 6.89E-13
0.75000 616.141214 -5760.347 6.89E-13
7.10E-15 7.96E-13 -6517.444 6.89E-13
1.00000 616.141214 -5698.639 6.89E-13
7.10E-15 6.23E-13 -5085.113

COMB ENVBULT ----- MAX
REL DIST T P M2 V2 V3
0.00000 519.582397 -3169.544 6.05E-13
5.97E-15 1.12E-12 -5660.174 5.99E-13
0.25000 519.582397 -3117.393 5.93E-13
5.97E-15 9.70E-13 -4874.339 5.93E-13
0.50000 519.582397 -3068.003 5.87E-13
5.97E-15 8.21E-13 -4101.347 5.81E-13
0.75000 519.582397 -3017.774 5.81E-13
5.97E-15 6.73E-13 -3340.807 5.81E-13
1.00000 519.582397 -2970.306 5.81E-13
5.97E-15 5.27E-13 -2592.330

COMB ENVBULT ----- MIN
REL DIST T P M2 V2 V3
0.00000 519.582397 -3169.544 6.05E-13
5.97E-15 1.12E-12 -5660.174 5.99E-13
0.25000 519.582397 -3117.393 5.93E-13
5.97E-15 9.70E-13 -4874.339 5.93E-13
0.50000 519.582397 -3068.003 5.87E-13
5.97E-15 8.21E-13 -4101.347 5.81E-13
0.75000 519.582397 -3017.774 5.81E-13
5.97E-15 6.73E-13 -3340.807 5.81E-13
1.00000 519.582397 -2970.306 5.81E-13
5.97E-15 5.27E-13 -2592.330

COMB ENVBULT ----- MAX
REL DIST T P M2 V2 V3
0.00000 616.173180 -5955.883 7.20E-13
7.10E-15 1.33E-12 -10905.550 7.12E-13
0.25000 616.173180 -5889.852 7.04E-13
7.10E-15 1.15E-12 -9429.656 6.96E-13
0.50000 616.173180 -5824.085 6.89E-13
7.10E-15 9.70E-13 -7961.337 6.89E-13
0.75000 616.173180 -5758.583 6.89E-13
7.10E-15 7.95E-13 -6513.766 6.89E-13
1.00000 616.173180 -5696.875

COMB ENVBULT ----- MIN
REL DIST T P M2 V2 V3
0.00000 616.173180 -5955.883 7.20E-13
7.10E-15 1.33E-12 -10905.550 7.12E-13
0.25000 616.173180 -5889.852 7.04E-13
7.10E-15 1.15E-12 -9429.656 6.96E-13
0.50000 616.173180 -5824.085 6.89E-13
7.10E-15 9.70E-13 -7961.337 6.89E-13
0.75000 616.173180 -5758.583 6.89E-13
7.10E-15 7.95E-13 -6513.766 6.89E-13
1.00000 616.173180 -5696.875

7.10E-15 6.22E-13 -5081.876
COMB ENVOULT ----- MIN
REL DIST T P M2 V2 V3
0.00000 616.173180 -5955.883 7.20E-13
7.10E-15 1.33E-12 -10905.550 7.12E-13
0.25000 616.173180 -5889.852 7.04E-13
7.10E-15 1.15E-12 -9429.656 6.96E-13
0.50000 616.173180 -5824.085 6.89E-13
7.10E-15 9.70E-13 -7961.337 6.89E-13
0.75000 616.173180 -5758.583 6.89E-13
7.10E-15 7.95E-13 -6513.766 6.89E-13
1.00000 616.173180 -5696.875 6.89E-13
7.10E-15 6.22E-13 -5081.876

Program SAP2000 Nonlinear Version 7.42
File:청도1교하행_P9_본체.OUT
: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체 442

FRAME ELEMENT INTERNAL FORCES

COMB ENVOECC ----- MAX
REL DIST T P M2 V2 V3
0.00000 519.614363 -3167.779 6.05E-13
5.97E-15 1.12E-12 -5655.172 5.99E-13
0.25000 519.614363 -3115.629 5.93E-13
5.97E-15 9.69E-13 -4869.779 5.93E-13
0.50000 519.614363 -3065.039 5.93E-13
5.97E-15 8.20E-13 -4097.228 5.87E-13
0.75000 519.614363 -3016.010 5.81E-13
5.97E-15 6.73E-13 -3337.129 5.81E-13
1.00000 519.614363 -2968.542 5.81E-13
5.97E-15 5.27E-13 -2589.093

COMB ENVOECC ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.894688 -5005.020 3.83E-13
3.77E-15 6.88E-13 -9207.498 3.77E-13
0.25000 321.894688 -4952.869 3.77E-13
3.77E-15 5.93E-13 -7962.794 3.71E-13
0.50000 321.894688 -4902.280 3.65E-13
3.77E-15 4.99E-13 -6730.933 3.65E-13
0.75000 321.894688 -4853.251 3.65E-13
3.77E-15 4.08E-13 -5511.524 3.59E-13
1.00000 321.894688 -4805.783 3.59E-13
3.77E-15 3.17E-13 -4304.177

ELEM 1.500000 8 ----- LENGTH =

LOAD D ----- V3
REL DIST T P M2 V2 V3
0.00000 321.862722 -2970.306 3.59E-13
3.76E-15 3.18E-13 -2592.330 3.51E-13
0.25000 321.862722 -2900.746 3.42E-13
3.76E-15 1.84E-13 -1491.537 3.42E-13
0.50000 321.862722 -2832.128 3.42E-13
3.76E-15 5.45E-14 632.677067 3.42E-13
0.75000 321.862722 -2764.452 3.42E-13
3.76E-15 -7.23E-14 632.677067 3.26E-13
1.00000 321.862722 -2697.719 3.26E-13
3.76E-15 -1.96E-13 1656.805

LOAD L1 ----- V3
REL DIST T P M2 V2 V3
0.00000 91.962640 -854.530601 1.03E-13
1.03E-15 9.76E-14 -797.713843 1.03E-13
0.25000 91.962640 -854.530601 1.03E-13
1.03E-15 5.89E-14 -477.264867 1.03E-13
0.50000 91.962640 -854.530601 1.03E-13
1.03E-15 2.02E-14 -156.815892 1.03E-13
0.75000 91.962640 -854.530601 1.03E-13
1.03E-15 -1.86E-14 163.633084 1.03E-13
0.50000 91.962640 -854.530601 1.03E-13
1.03E-15 -5.73E-14 484.082059

LOAD W-L0 ----- V3
REL DIST T P M2 V2 V3
0.00000 -1.80E-18 -1.40E-15 -11.543403
24.152553 3.221493 3.66E-16 -8.760997
0.25000 -1.80E-18 -1.07E-15 -6.016278
24.152553 7.027390 8.29E-16 -6.016278
0.50000 -1.80E-18 -7.35E-16 -6.016278
24.152553 9.796952 1.17E-15 -3.309247
0.75000 -1.80E-18 -4.07E-16 -0.639903
24.152553 11.544310 1.38E-15 -0.639903
1.00000 -1.80E-18 -8.37E-17 -0.639903
24.152553 12.283598 1.47E-15

LOAD G-LO2 ----- V3
REL DIST T P M2 V2 V3
0.00000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -232.423651 -2.53E-14 -131.543858
-215.669164 -183.094704 -1.93E-14 -131.543858
0.50000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -133.765758 -1.33E-14 -131.543858
Program SAP2000 Nonlinear Version 7.42
File:청도1교하행_P9_본체.OUT
: AAbutPier SAP2000 6-7 데이터파일 : 교각 본체 443

FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 V2 V3
0.75000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -84.436811 -7.31E-15 -131.543858
0.50000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -35.107864 -1.31E-15
LOAD E-L0 ----- V3
REL DIST T P M2 V2 V3
0.00000 0.000000 0.000000 0.000000 0.000000
0.25000 0.000000 0.000000 0.000000 0.000000
0.50000 0.000000 0.000000 0.000000 0.000000
0.75000 0.000000 0.000000 0.000000 0.000000
1.00000 0.000000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000 0.000000

LOAD W-TR ----- V3
REL DIST T P M2 V2 V3
0.00000 106.933155 804.514611 -9.77E-14
3.76E-15 3.18E-13 -2592.330 3.51E-13
0.25000 321.862722 -2900.746 3.42E-13
3.76E-15 1.84E-13 -1491.537 3.42E-13
0.50000 321.862722 -2832.128 3.42E-13
7.10E-15 1.33E-12 -10905.550 7.12E-13
0.25000 616.173180 -5889.852 7.04E-13
7.10E-15 1.15E-12 -9429.656 6.96E-13
0.50000 616.173180 -5824.085 6.89E-13
7.10E-15 9.70E-13 -7961.337 6.89E-13
0.75000 616.173180 -5758.583 6.89E-13
7.10E-15 7.95E-13 -6513.766 6.89E-13
1.00000 616.173180 -5696.875

1.21E-15 -1.30E-13 1080.735
0.25000 106.933155 804.514611 -9.77E-14
1.21E-15 9.35E-14 779.041863 -9.77E-14
0.50000 106.933155 804.514611 -9.77E-14
1.21E-15 -5.69E-14 477.348884 -9.77E-14
0.75000 106.933155 804.514611 -9.77E-14
1.21E-15 -2.02E-14 175.655905 -9.77E-14
1.00000 106.933155 804.514611 -9.77E-14
1.21E-15 1.64E-14 -126.037074

LOAD WL ----- V3
REL DIST T P M2 V2 V3
0.00000 14.665462 114.812798 -1.39E-14
1.53E-16 1.55E-16 131.582729 -1.39E-14
0.25000 14.665462 114.812798 -1.39E-14
1.53E-16 -1.06E-14 88.527929 -1.39E-14
0.50000 14.665462 114.812798 -1.39E-14
1.53E-16 -5.38E-15 45.473130 -1.39E-14
0.75000 14.665462 114.812798 -1.39E-14
1.53E-16 1.55E-16 2.418331 -1.39E-14
1.00000 14.665462 114.812798 -1.39E-14
1.53E-16 5.07E-15 -40.636469

LOAD G-TR ----- V3
REL DIST T P M2 V2 V3
0.00000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.08E-14 -734.048083 1.32E-16
0.25000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.07E-14 -733.435894 1.32E-16
0.50000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.07E-14 -732.823706 1.32E-16
0.75000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.06E-14 -732.211517 1.32E-16
1.00000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.06E-14 -731.599328

LOAD E-TR ----- V3
REL DIST T P M2 V2 V3
0.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.25000 0.000000 0.000000 0.000000
0.50000 0.000000 0.000000 0.000000
0.75000 0.000000 0.000000 0.000000
1.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000

LOAD Q1-TR ----- V3
REL DIST T P M2 V2 V3
0.00000 0.024589 1.357184 -1.65E-16
2.63E-18 -3.00E-16 2.490059 -1.65E-16
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REL DIST T P M2 V2 V3
0.25000 0.024589 1.357184 -1.65E-16
2.63E-18 -2.30E-16 1.981115 -1.65E-16
0.50000 0.024589 1.357184 -1.65E-16
2.63E-18 -1.76E-16 1.472171 -1.65E-16
0.75000 0.024589 1.357184 -1.65E-16
2.63E-18 -1.15E-16 0.963227 -1.65E-16
1.00000 0.024589 1.357184 -1.65E-16
2.63E-18 -5.20E-17 0.454283

LOAD COL-TR ----- V3
REL DIST T P M2 V2 V3
0.00000 0.055925 3.086710 -3.75E-16
5.98E-18 -6.83E-16 5.663262 -3.75E-16
0.25000 0.055925 3.086710 -3.75E-16
5.98E-18 -5.42E-16 4.505746 -3.75E-16
0.50000 0.055925 3.086710 -3.75E-16
5.98E-18 -4.01E-16 3.348230 -3.75E-16
0.75000 0.055925 3.086710 -3.75E-16
5.98E-18 -2.61E-16 2.190714 -3.75E-16
1.00000 0.055925 3.086710 -3.75E-16
5.98E-18 -1.20E-16 1.033198

COMB SVB01 ----- MAX
REL DIST T P M2 V2 V3
0.00000 413.825362 -3824.837 4.62E-13
4.79E-15 4.15E-13 -3390.044 4.54E-13
0.25000 413.825362 -3755.277 4.46E-13
4.79E-15 2.43E-13 -1968.802 4.46E-13
0.50000 413.825362 -3686.659 4.46E-13
4.79E-15 7.47E-14 -573.468234 4.37E-13
0.75000 413.825362 -3618.983 4.37E-13
4.79E-15 -9.09E-14 796.310150 4.29E-13
1.00000 413.825362 -3552.249 4.29E-13
4.79E-15 -2.53E-13 2140.887

COMB SVB01 ----- MIN
REL DIST T P M2 V2 V3
0.00000 413.825362 -3824.837 4.62E-13
4.79E-15 4.15E-13 -3390.044 4.54E-13
0.25000 413.825362 -3755.277 4.46E-13
4.79E-15 2.43E-13 -1968.802 4.46E-13
0.50000 413.825362 -3686.659 4.46E-13
4.79E-15 7.47E-14 -573.468234 4.37E-13
0.75000 413.825362 -3618.983 4.37E-13
4.79E-15 -9.09E-14 796.310150 4.29E-13
1.00000 413.825362 -3552.249 4.29E-13
4.79E-15 -2.53E-13 2140.887

COMB SVB02 ----- MAX
REL DIST T P M2 V2 V3
0.00000 321.862722 -2970.306 3.59E-13
3.76E-15 3.18E-13 -2592.330 3.51E-13
0.25000 321.862722 -2900.746 3.42E-13
3.76E-15 1.84E-13 -1491.537 3.42E-13
0.50000 321.862722 -2832.128 3.42E-13
0.75000 321.862722 -2764.452 3.42E-13
3.76E-15 -7.23E-14 632.677067 3.26E-13
1.00000 321.862722 -2697.719 3.26E-13
3.76E-15 -1.96E-13 1656.805

COMB SVB02 ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.862722 -2970.306 3.59E-13
3.76E-15 3.18E-13 -

4.79E-15 2.43E-13 -1968.802
0.50000 413.825362 -3686.659 4.46E-13
4.79E-15 7.47E-14 -573.468234
0.75000 413.825362 -3618.983 4.37E-13
4.79E-15 -9.09E-14 796.310150
1.00000 413.825362 -3552.249 4.29E-13
4.79E-15 -2.53E-13 2140.887

COMB SVB07 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -3824.837 4.62E-13
4.79E-15 4.15E-13 -3390.044
0.25000 413.825362 -3755.277 4.54E-13
4.79E-15 2.43E-13 -1968.802
0.50000 413.825362 -3686.659 4.46E-13
4.79E-15 7.47E-14 -573.468234
0.75000 413.825362 -3618.983 4.37E-13
4.79E-15 -9.09E-14 796.310150
1.00000 413.825362 -3552.249 4.29E-13
4.79E-15 -2.53E-13 2140.887

COMB SVB08 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 -131.543858
-215.669164 -232.423651 -2592.330
0.25000 321.862722 -2900.746 -131.543858
-215.669164 -183.094704 -1491.537
0.50000 321.862722 -2832.128 -131.543858
-215.669164 -133.765758 -416.652342
0.75000 321.862722 -2764.452 -131.543858
-215.669164 -84.436811 632.677067
1.00000 321.862722 -2697.719 -131.543858
-215.669164 -35.107864 1656.805

COMB SVB08 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 -131.543858
-215.669164 -232.423651 -2592.330
0.25000 321.862722 -2900.746 -131.543858
-215.669164 -183.094704 -1491.537
0.50000 321.862722 -2832.128 -131.543858
-215.669164 -133.765758 -416.652342
0.75000 321.862722 -2764.452 -131.543858
-215.669164 -84.436811 632.677067
1.00000 321.862722 -2697.719 -131.543858
-215.669164 -35.107864 1656.805
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COMB SVB09 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 3.59E-13
3.76E-15 3.18E-13 -2592.330
0.25000 321.862722 -2900.746 3.51E-13
3.76E-15 1.84E-13 -1491.537
0.50000 321.862722 -2832.128 3.42E-13
3.76E-15 5.45E-14 -416.652342
0.75000 321.862722 -2764.452 3.34E-13
3.76E-15 -7.23E-14 632.677067
1.00000 321.862722 -2697.719 3.26E-13
3.76E-15 -1.96E-13 1656.805

COMB SVB09 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 3.59E-13
3.76E-15 3.18E-13 -2592.330
0.25000 321.862722 -2900.746 3.51E-13
3.76E-15 1.84E-13 -1491.537
0.50000 321.862722 -2832.128 3.42E-13
3.76E-15 5.45E-14 -416.652342
0.75000 321.862722 -2764.452 3.34E-13
3.76E-15 -7.23E-14 632.677067
1.00000 321.862722 -2697.719 3.26E-13
3.76E-15 -1.96E-13 1656.805

COMB SVB10 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 -143.087262
-191.516610 -229.202158 -2592.330
0.25000 321.862722 -2900.746 -140.304855
-191.516610 -176.067314 -1491.537
0.50000 321.862722 -2832.128 -137.560137
-191.516610 -123.968806 -416.652342
0.75000 321.862722 -2764.452 -134.853105
-191.516610 -72.892501 632.677067
1.00000 321.862722 -2697.719 -132.183762
-191.516610 -22.824266 1656.805

COMB SVB10 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 -143.087262
-191.516610 -229.202158 -2592.330
0.25000 321.862722 -2900.746 -140.304855
-191.516610 -176.067314 -1491.537
0.50000 321.862722 -2832.128 -137.560137
-191.516610 -123.968806 -416.652342
0.75000 321.862722 -2764.452 -134.853105
-191.516610 -72.892501 632.677067
1.00000 321.862722 -2697.719 -132.183762
-191.516610 -22.824266 1656.805

COMB SVB11 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 -11.543403
24.152553 3.221493 -2592.330
0.25000 321.862722 -2900.746 -8.760997
24.152553 7.027390 -1491.537
0.50000 321.862722 -2832.128 -6.016278
24.152553 9.796952 -416.652342
0.75000 321.862722 -2764.452 -3.309247
24.152553 11.544310 632.677067
24.152553 12.283598 1656.805
0.00000 321.862722 -2970.306 -11.543403
24.152553 3.221493 -2592.330
0.25000 321.862722 -2900.746 -8.760997
24.152553 7.027390 -1491.537
0.50000 321.862722 -2832.128 -6.016278
24.152553 9.796952 -416.652342
0.75000 321.862722 -2764.452 -3.309247
24.152553 11.544310 632.677067
24.152553 12.283598 1656.805

COMB SVB11 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 -11.543403
24.152553 3.221493 -2592.330
0.25000 321.862722 -2900.746 -8.760997
24.152553 7.027390 -1491.537
0.50000 321.862722 -2832.128 -6.016278
24.152553 9.796952 -416.652342
0.75000 321.862722 -2764.452 -3.309247
24.152553 11.544310 632.677067
24.152553 12.283598 1656.805

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COMB SVB12 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -3824.837 -137.315560
-203.592887 -230.812905 -3390.044
0.25000 413.825362 -3755.277 -135.924357
-203.592887 -179.581009 -1968.802
0.50000 413.825362 -3686.659 -134.551997
-203.592887 -128.867282 -573.468234
0.75000 413.825362 -3618.983 -133.198482
-203.592887 -78.664656 796.310150
1.00000 413.825362 -3552.249 -131.863810
-203.592887 -28.966065 2140.887

COMB SVB12 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -3824.837 -137.315560
-203.592887 -230.812905 -3390.044
0.25000 413.825362 -3755.277 -135.924357
-203.592887 -179.581009 -1968.802
0.50000 413.825362 -3686.659 -134.551997
-203.592887 -128.867282 -573.468234
0.75000 413.825362 -3618.983 -133.198482
-203.592887 -78.664656 796.310150
1.00000 413.825362 -3552.249 -131.863810
-203.592887 -28.966065 2140.887

COMB SVB13 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -3824.837 -5.771702
12.076277 1.610746 -3390.044
0.25000 413.825362 -3755.277 -4.380499
12.076277 3.513695 -1968.802
0.50000 413.825362 -3686.659 -3.008139
12.076277 4.898476 -573.468234
0.75000 413.825362 -3618.983 -1.654624
12.076277 5.772155 796.310150
1.00000 413.825362 -3552.249 -0.319952
12.076277 6.141799 2140.887

COMB SVB13 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 413.825362 -3824.837 -5.771702
12.076277 1.610746 -3390.044
0.25000 413.825362 -3755.277 -4.380499
12.076277 3.513695 -1968.802
0.50000 413.825362 -3686.659 -3.008139
12.076277 4.898476 -573.468234
0.75000 413.825362 -3618.983 -1.654624
12.076277 5.772155 796.310150
1.00000 413.825362 -3552.249 -0.319952
12.076277 6.141799 2140.887

COMB SVB14 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 -137.315560
-203.592887 -230.812905 -2592.330
0.25000 321.862722 -2900.746 -135.924357
-203.592887 -179.581009 -1491.537
0.50000 321.862722 -2832.128 -134.551997
-203.592887 -128.867282 -416.652342
0.75000 321.862722 -2764.452 -133.198482
-203.592887 -78.664656 632.677067
1.00000 321.862722 -2697.719 -131.863810
-203.592887 -28.966065 1656.805

COMB SVB14 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 -137.315560
-203.592887 -230.812905 -2592.330
0.25000 321.862722 -2900.746 -135.924357
-203.592887 -179.581009 -1491.537
0.50000 321.862722 -2832.128 -134.551997
-203.592887 -128.867282 -416.652342
0.75000 321.862722 -2764.452 -133.198482
-203.592887 -78.664656 632.677067
1.00000 321.862722 -2697.719 -131.863810
-203.592887 -28.966065 1656.805
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COMB SVB15 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 -5.771702
12.076277 1.610746 -2592.330
0.25000 321.862722 -2900.746 -4.380499
12.076277 3.513695 -1491.537
0.50000 321.862722 -2832.128 -3.008139
12.076277 4.898476 -416.652342
0.75000 321.862722 -2764.452 -1.654624
12.076277 5.772155 632.677067
1.00000 321.862722 -2697.719 -0.319952
12.076277 6.141799 1656.805

COMB SVB15 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 -5.771702
12.076277 1.610746 -2592.330
0.25000 321.862722 -2900.746 -4.380499
12.076277 3.513695 -1491.537
0.50000 321.862722 -2832.128 -3.008139
12.076277 4.898476 -416.652342
0.75000 321.862722 -2764.452 -1.654624
12.076277 5.772155 632.677067
1.00000 321.862722 -2697.719 -0.319952
12.076277 6.141799 1656.805

COMB ULB01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 616.141214 -5698.639 6.89E-13
7.10E-15 6.23E-13 -5085.113
0.25000 616.141214 -5608.211 6.78E-13
7.10E-15 3.66E-13 -2965.117
0.50000 616.141214 -5519.007 6.67E-13
7.10E-15 1.14E-13 -878.802212
0.75000 616.141214 -5431.029 6.56E-13
7.10E-15 -1.34E-13 1174.291

1.00000 616.141214 -5344.275 6.46E-13
7.10E-15 -3.78E-13 3194.623

COMB ULB01 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 616.141214 -5698.639 6.89E-13
7.10E-15 6.23E-13 -5085.113
0.25000 616.141214 -5608.211 6.78E-13
7.10E-15 3.66E-13 -2965.117
0.50000 616.141214 -5519.007 6.67E-13
7.10E-15 1.14E-13 -878.802212
0.75000 616.141214 -5431.029 6.56E-13
7.10E-15 1.34E-13 1174.291
1.00000 616.141214 -5344.275 6.46E-13
7.10E-15 -3.78E-13 3194.623

COMB ULB02 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 418.421538 -3861.398 4.67E-13
4.89E-15 4.13E-13 -3370.029 4.56E-13
0.25000 418.421538 -3770.970 4.56E-13
4.89E-15 2.40E-13 -1938.998 4.45E-13
0.50000 418.421538 -3681.767 4.34E-13
4.89E-15 7.09E-14 -541.648045 4.34E-13
0.75000 418.421538 -3593.788 4.24E-13
4.89E-15 -9.40E-14 822.480187 4.24E-13
1.00000 418.421538 -3507.034 4.24E-13
4.89E-15 -2.55E-13 2153.846

COMB ULB02 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 418.421538 -3861.398 4.67E-13
4.89E-15 4.13E-13 -3370.029 4.56E-13
0.25000 418.421538 -3770.970 4.56E-13
4.89E-15 2.40E-13 -1938.998 4.45E-13
0.50000 418.421538 -3681.767 4.34E-13
4.89E-15 7.09E-14 -541.648045 4.34E-13
0.75000 418.421538 -3593.788 4.24E-13
4.89E-15 -9.40E-14 822.480187 4.24E-13
1.00000 418.421538 -3507.034 4.24E-13
4.89E-15 -2.55E-13 2153.846

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COMB ULB03 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 418.421538 -3861.398 -15.006424
31.398319 4.187941 -3370.029 -11.389296
0.25000 418.421538 -3770.970 -11.389296
31.398319 9.135607 -1938.998 -7.821162
0.50000 418.421538 -3681.767 -4.302021
31.398319 12.736037 -541.648045 -4.302021
0.75000 418.421538 -3593.788 -0.831874
31.398319 15.07603 822.480187 -0.831874
1.00000 418.421538 -3507.034 -0.831874
31.398319 15.968677 2153.846

COMB ULB03 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 418.421538 -3861.398 -15.006424
31.398319 4.187941 -3370.029 -11.389296
0.25000 418.421538 -3770.970 -11.389296
31.398319 9.135607 -1938.998 -7.821162
0.50000 418.421538 -3681.767 -4.302021
31.398319 12.736037 -541.648045 -4.302021
0.75000 418.421538 -3593.788 -0.831874
31.398319 15.07603 822.480187 -0.831874
1.00000 418.421538 -3507.034 -0.831874
31.398319 15.968677 2153.846

COMB ULB04 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 537.972970 -4972.288 -7.503212
15.699160 2.093970 -4407.057 -5.694648
0.25000 537.972970 -4881.860 -5.694648
15.699160 4.567804 -2559.442 -3.910581
0.50000 537.972970 -4792.656 -3.910581
15.699160 6.368019 -745.508704 -2.151011
0.75000 537.972970 -745.508704 -2.151011
15.699160 7.984339 1035.203 -0.415937
15.699160 7.984339 2783.153

COMB ULB04 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 537.972970 -4972.288 -7.503212
15.699160 2.093970 -4407.057 -5.694648
0.25000 537.972970 -4881.860 -5.694648
15.699160 4.567804 -2559.442 -3.910581
0.50000 537.972970 -4792.656 -3.910581
15.699160 6.368019 -745.508704 -2.151011
0.75000 537.972970 -745.508704 -2.151011
15.699160 7.984339 1035.203 -0.415937
15.699160 7.984339 2783.153

COMB ULB05 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 418.421538 -3861.398 -7.503212
15.699160 2.093970 -3370.029 -5.694648
0.25000 418.421538 -3770.970 -5.694648
15.699160 4.567804 -1938.998 -3.910581
0.50000 418.421538 -3681.767 -3.910581
15.699160 6.368019 -541.648045 -2.151011
0.75000 418.421538 -3593.788 -2.151

REL DIST T P M2 M3 V2 V3
0.00000 402.328402 -3712.883 -178.859077
-239.395763 -286.502698 -3240.412
0.25000 402.328402 -3625.933 -175.381069
-239.395763 -220.084143 -1864.421
0.50000 402.328402 -3540.160 -171.950171
-239.395763 -154.961007 -520.815428
0.75000 402.328402 -3455.565 -168.566382
-239.395763 -91.115626 790.846333
1.00000 402.328402 -3372.148 -165.229702
-239.395763 -28.530332 2071.006

COMB ULB11 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 402.328402 -3712.883 -14.429254
30.190692 4.026866 -3240.412
0.25000 402.328402 -3625.933 -10.951246
30.190692 8.784238 -1864.421
0.50000 402.328402 -3540.160 -7.520348
30.190692 12.246190 -520.815428
0.75000 402.328402 -3455.565 -4.136559
30.190692 14.430387 790.846333
1.00000 402.328402 -3372.148 -0.799879
30.190692 15.354497 2071.006

COMB ULB11 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 402.328402 -3712.883 -14.429254
30.190692 4.026866 -3240.412
0.25000 402.328402 -3625.933 -10.951246
30.190692 8.784238 -1864.421
0.50000 402.328402 -3540.160 -7.520348
30.190692 12.246190 -520.815428
0.75000 402.328402 -3455.565 -4.136559
30.190692 14.430387 790.846333
1.00000 402.328402 -3372.148 -0.799879
30.190692 15.354497 2071.006
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COMB ULB12 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 517.281702 -4781.046 -171.644450
-254.491109 -288.516131 -4237.554
0.25000 517.281702 -4694.096 -169.905446
-254.491109 -224.476261 -2461.002
0.50000 517.281702 -4608.323 -168.189997
-254.491109 -161.084102 -716.835292
0.75000 517.281702 -4523.729 -166.498102
-254.491109 -98.330820 995.387688
1.00000 517.281702 -4440.312 -164.829762
-254.491109 -36.207581 2676.108

COMB ULB12 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 517.281702 -4781.046 -171.644450
-254.491109 -288.516131 -4237.554
0.25000 517.281702 -4694.096 -169.905446
-254.491109 -224.476261 -2461.002
0.50000 517.281702 -4608.323 -168.189997
-254.491109 -161.084102 -716.835292
0.75000 517.281702 -4523.729 -166.498102
-254.491109 -98.330820 995.387688
1.00000 517.281702 -4440.312 -164.829762
-254.491109 -36.207581 2676.108

COMB ULB13 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 517.281702 -4781.046 -7.214627
15.095346 2.013433 -4237.554
0.25000 517.281702 -4694.096 -5.475623
15.095346 4.392119 -2461.002
0.50000 517.281702 -4608.323 -3.760174
15.095346 6.123095 -716.835292
0.75000 517.281702 -4523.729 -2.068279
15.095346 7.215194 995.387688
1.00000 517.281702 -4440.312 -0.399940
15.095346 7.677249 2676.108

COMB ULB13 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 517.281702 -4781.046 -7.214627
15.095346 2.013433 -4237.554
0.25000 517.281702 -4694.096 -5.475623
15.095346 4.392119 -2461.002
0.50000 517.281702 -4608.323 -3.760174
15.095346 6.123095 -716.835292
0.75000 517.281702 -4523.729 -2.068279
15.095346 7.215194 995.387688
1.00000 517.281702 -4440.312 -0.399940
15.095346 7.677249 2676.108

COMB ULB14 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 402.328402 -3712.883 -171.644450
-254.491109 -288.516131 -3240.412
0.25000 402.328402 -3625.933 -169.905446
-254.491109 -224.476261 -1864.421
0.50000 402.328402 -3540.160 -168.189997
-254.491109 -161.084102 -520.815428
0.75000 402.328402 -3455.565 -166.498102
-254.491109 -98.330820 790.846333
1.00000 402.328402 -3372.148 -164.829762
-254.491109 -36.207581 2071.006

COMB ULB14 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 402.328402 -3712.883 -171.644450
-254.491109 -288.516131 -3240.412
0.25000 402.328402 -3625.933 -169.905446
-254.491109 -224.476261 -1864.421
0.50000 402.328402 -3540.160 -168.189997
-254.491109 -161.084102 -520.815428
0.75000 402.328402 -3455.565 -166.498102
-254.491109 -98.330820 790.846333
1.00000 402.328402 -3372.148 -164.829762
-254.491109 -36.207581 2071.006
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COMB ULB15 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 402.328402 -3712.883 -7.214627
15.095346 2.013433 -3240.412
0.25000 402.328402 -3625.933 -5.475623
15.095346 4.392119 -1864.421
0.50000 402.328402 -3540.160 -3.760174
0.75000 402.328402 -3455.565 -2.068279
15.095346 7.215194 790.846333
1.00000 402.328402 -3372.148 -0.399940
15.095346 7.677249 2071.006

COMB ULB15 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 402.328402 -3712.883 -7.214627
15.095346 2.013433 -3240.412
0.25000 402.328402 -3625.933 -5.475623
15.095346 4.392119 -1864.421
0.50000 402.328402 -3540.160 -3.760174
0.75000 402.328402 -3455.565 -2.068279
15.095346 7.215194 790.846333
1.00000 402.328402 -3372.148 -0.399940
15.095346 7.677249 2071.006

COMB ULB16 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 3.59E-13
3.76E-15 3.18E-13 -2592.330 3.51E-13
0.25000 321.862722 -2900.746 3.42E-13
3.76E-15 1.84E-13 -1491.537 3.42E-13
0.50000 321.862722 -2832.128 3.42E-13
3.76E-15 5.45E-14 -416.652342 3.42E-13
0.75000 321.862722 -2764.452 3.42E-13
1.00000 321.862722 -2697.719 3.26E-13
3.76E-15 -1.96E-13 1656.805

COMB ULB16 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 3.59E-13
3.76E-15 3.18E-13 -2592.330 3.51E-13
0.25000 321.862722 -2900.746 3.42E-13
3.76E-15 1.84E-13 -1491.537 3.42E-13
0.50000 321.862722 -2832.128 3.42E-13
3.76E-15 5.45E-14 -416.652342 3.42E-13
0.75000 321.862722 -2764.452 3.42E-13
1.00000 321.862722 -2697.719 3.26E-13
3.76E-15 -1.96E-13 1656.805

COMB ULB17 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 537.972970 -4972.288 6.01E-13
6.23E-15 5.40E-13 -4407.057 5.90E-13
0.25000 537.972970 -4881.860 5.79E-13
6.23E-15 3.16E-13 -2559.442 5.79E-13
0.50000 537.972970 -4792.656 5.79E-13
6.23E-15 9.71E-14 -745.508704 5.69E-13
0.75000 537.972970 -4704.678 5.69E-13
1.00000 537.972970 -4617.924 5.58E-13
6.23E-15 -3.29E-13 2783.153

COMB ULB17 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 537.972970 -4972.288 6.01E-13
6.23E-15 5.40E-13 -4407.057 5.90E-13
0.25000 537.972970 -4881.860 5.79E-13
6.23E-15 3.16E-13 -2559.442 5.79E-13
0.50000 537.972970 -4792.656 5.79E-13
6.23E-15 9.71E-14 -745.508704 5.69E-13
0.75000 537.972970 -4704.678 5.69E-13
1.00000 537.972970 -4617.924 5.58E-13
6.23E-15 -3.29E-13 2783.153
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COMB ULB18 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 386.235266 -3564.368 -13.852084
28.983064 3.865791 -3110.796
0.25000 386.235266 -3480.895 -10.513197
28.983064 8.432868 -1789.844
0.50000 386.235266 -3398.554 -7.219534
28.983064 11.756342 -499.982811
0.75000 386.235266 -3317.343 -3.971097
28.983064 13.853172 759.212480
1.00000 386.235266 -3237.263 -0.767884
28.983064 14.740318 1988.166

COMB ULB18 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 386.235266 -3564.368 -13.852084
28.983064 3.865791 -3110.796
0.25000 386.235266 -3480.895 -10.513197
28.983064 8.432868 -1789.844
0.50000 386.235266 -3398.554 -7.219534
28.983064 11.756342 -499.982811
0.75000 386.235266 -3317.343 -3.971097
28.983064 13.853172 759.212480
1.00000 386.235266 -3237.263 -0.767884
28.983064 14.740318 1988.166

COMB ULB18 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 519.582397 -4807.547 5.81E-13
5.97E-15 5.27E-13 -4307.414 5.73E-13
0.25000 519.582397 -4737.987 5.64E-13
5.97E-15 3.11E-13 -2517.656 5.64E-13
0.50000 519.582397 -4669.369 5.64E-13
5.97E-15 9.79E-14 -753.806510 5.64E-13
0.75000 519.582397 -4601.693 5.64E-13
1.00000 519.582397 -4534.960 5.48E-13
5.97E-15 -3.19E-13 2697.581

COMB ULB18 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 519.582397 -4807.547 5.81E-13
5.97E-15 5.27E-13 -4307.414 5.73E-13
0.25000 519.582397 -4737.987 5.64E-13

5.97E-15 3.11E-13 -2517.656
0.50000 519.582397 -4669.369 5.64E-13
5.97E-15 9.79E-14 -753.806510 5.64E-13
0.75000 519.582397 -4601.693 5.64E-13
5.97E-15 -1.12E-13 984.488196 5.48E-13
1.00000 519.582397 -4534.960 5.48E-13
5.97E-15 -3.19E-13 2697.581

COMB UEB02 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 3.59E-13
3.76E-15 3.18E-13 -2592.330 3.51E-13
0.25000 321.862722 -2900.746 3.42E-13
3.76E-15 1.84E-13 -1491.537 3.42E-13
0.50000 321.862722 -2832.128 3.42E-13
3.76E-15 5.45E-14 -416.652342 3.42E-13
0.75000 321.862722 -2764.452 3.26E-13
3.76E-15 -7.23E-14 632.677067 3.26E-13
1.00000 321.862722 -2697.719 3.26E-13
3.76E-15 -1.96E-13 1656.805

COMB UEB02 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 3.59E-13
3.76E-15 3.18E-13 -2592.330 3.51E-13
0.25000 321.862722 -2900.746 3.42E-13
3.76E-15 1.84E-13 -1491.537 3.42E-13
0.50000 321.862722 -2832.128 3.42E-13
3.76E-15 5.45E-14 -416.652342 3.42E-13
0.75000 321.862722 -2764.452 3.26E-13
3.76E-15 -7.23E-14 632.677067 3.26E-13
1.00000 321.862722 -2697.719 3.26E-13
3.76E-15 -1.96E-13 1656.805
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COMB UEB03 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 -15.006424
31.398319 4.187941 -2592.330
0.25000 321.862722 -2900.746 -11.389296
31.398319 9.135607 -1491.537
0.50000 321.862722 -2832.128 -7.821162
31.398319 12.736037 -416.652342
0.75000 321.862722 -2764.452 -4.302021
31.398319 15.007603 632.677067
1.00000 321.862722 -2697.719 -0.831874
31.398319 15.968677 1656.805

COMB UEB03 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 -15.006424
31.398319 4.187941 -2592.330
0.25000 321.862722 -2900.746 -11.389296
31.398319 9.135607 -1491.537
0.50000 321.862722 -2832.128 -7.821162
31.398319 12.736037 -416.652342
0.75000 321.862722 -2764.452 -4.302021
31.398319 15.007603 632.677067
1.00000 321.862722 -2697.719 -0.831874
31.398319 15.968677 1656.805

COMB UEB04 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 441.414154 -4081.196 -7.503212
15.699160 2.093970 -3629.358
0.25000 441.414154 -4011.636 -5.694648
15.699160 4.567804 -2111.981
0.50000 441.414154 -3943.018 -3.910581
15.699160 6.368019 -620.513002
0.75000 441.414154 -3875.342 -2.151011
15.699160 7.503801 845.400075
1.00000 441.414154 -3808.609 -0.415937
15.699160 7.984339 2286.111

COMB UEB04 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 441.414154 -4081.196 -7.503212
15.699160 2.093970 -3629.358
0.25000 441.414154 -4011.636 -5.694648
15.699160 4.567804 -2111.981
0.50000 441.414154 -3943.018 -3.910581
15.699160 6.368019 -620.513002
0.75000 441.414154 -3875.342 -2.151011
15.699160 7.503801 845.400075
1.00000 441.414154 -3808.609 -0.415937
15.699160 7.984339 2286.111

COMB UEB05 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 -7.503212
15.699160 2.093970 -2592.330
0.25000 321.862722 -2900.746 -5.694648
15.699160 4.567804 -1491.537
0.50000 321.862722 -2832.128 -3.910581
0.75000 321.862722 -2764.452 -2.151011
15.699160 7.503801 632.677067
1.00000 321.862722 -2697.719 -0.415937
15.699160 7.984339 1656.805

COMB UEB05 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 -2970.306 -7.503212
15.699160 2.093970 -2592.330
0.25000 321.862722 -2900.746 -5.694648
15.699160 4.567804 -1491.537
0.50000 321.862722 -2832.128 -3.910581
0.75000 321.862722 -2764.452 -2.151011
15.699160 7.503801 632.677067
1.00000 321.862722 -2697.719 -0.415937
15.699160 7.984339 1656.805
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COMB UEB06 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 441.414154 -4081.196 -171.007016

</

1.00000	305.769586	-2562.833	-165.229702
-239.395763	-28.530332	1573.964	
COMB UEB11 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.769586	-2821.791	-14.429254
30.190692	4.026866	-2462.713	
0.25000	305.769586	-2755.709	-10.951246
30.190692	8.784238	-1416.960	
0.50000	305.769586	-2690.522	-7.520348
30.190692	12.246190	-395.819725	
0.75000	305.769586	-2626.230	-4.136559
30.190692	14.430387	601.043213	
1.00000	305.769586	-2562.833	-0.799879
30.190692	15.354497	1573.964	

COMB UEB11 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.769586	-2821.791	-14.429254
30.190692	4.026866	-2462.713	
0.25000	305.769586	-2755.709	-10.951246
30.190692	8.784238	-1416.960	
0.50000	305.769586	-2690.522	-7.520348
30.190692	12.246190	-395.819725	
0.75000	305.769586	-2626.230	-4.136559
30.190692	14.430387	601.043213	
1.00000	305.769586	-2562.833	-0.799879
30.190692	15.354497	1573.964	
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FRAME ELEMENT INTERNAL FORCES

COMB UEB12 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	420.722885	-3889.954	-171.644450
-254.491109	-288.516131	-3459.856	
0.25000	420.722885	-3823.872	-169.905446
-254.491109	-224.476261	-2013.541	
0.50000	420.722885	-3750.685	-168.189997
-254.491109	-161.084102	-591.839590	
0.75000	420.722885	-3694.393	-166.498102
-254.491109	-98.330820	805.584568	
1.00000	420.722885	-3630.996	-164.829762
-254.491109	-36.207581	2179.067	

COMB UEB12 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	420.722885	-3889.954	-171.644450
-254.491109	-288.516131	-3459.856	
0.25000	420.722885	-3823.872	-169.905446
-254.491109	-224.476261	-2013.541	
0.50000	420.722885	-3750.685	-168.189997
-254.491109	-161.084102	-591.839590	
0.75000	420.722885	-3694.393	-166.498102
-254.491109	-98.330820	805.584568	
1.00000	420.722885	-3630.996	-164.829762
-254.491109	-36.207581	2179.067	

COMB UEB13 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	420.722885	-3889.954	-7.214627
15.095346	2.013433	-3459.856	
0.25000	420.722885	-3823.872	-5.475623
15.095346	4.392119	-2013.541	
0.50000	420.722885	-3750.685	-3.760174
15.095346	6.123095	-591.839590	
0.75000	420.722885	-3694.393	-2.068279
15.095346	7.215194	805.584568	
1.00000	420.722885	-3630.996	-0.399940
15.095346	7.677249	2179.067	

COMB UEB13 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	420.722885	-3889.954	-7.214627
15.095346	2.013433	-3459.856	
0.25000	420.722885	-3823.872	-5.475623
15.095346	4.392119	-2013.541	
0.50000	420.722885	-3750.685	-3.760174
15.095346	6.123095	-591.839590	
0.75000	420.722885	-3694.393	-2.068279
15.095346	7.215194	805.584568	
1.00000	420.722885	-3630.996	-0.399940
15.095346	7.677249	2179.067	

COMB UEB14 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.769586	-2821.791	-171.644450
-254.491109	-288.516131	-2462.713	
0.25000	305.769586	-2755.709	-169.905446
-254.491109	-224.476261	-1416.960	
0.50000	305.769586	-2690.522	-168.189997
-254.491109	-161.084102	-395.819725	
0.75000	305.769586	-2626.230	-166.498102
-254.491109	-98.330820	601.043213	
1.00000	305.769586	-2562.833	-164.829762
-254.491109	-36.207581	1573.964	

COMB UEB14 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.769586	-2821.791	-171.644450
-254.491109	-288.516131	-2462.713	
0.25000	305.769586	-2755.709	-169.905446
-254.491109	-224.476261	-1416.960	
0.50000	305.769586	-2690.522	-168.189997
-254.491109	-161.084102	-395.819725	
0.75000	305.769586	-2626.230	-166.498102
-254.491109	-98.330820	601.043213	
1.00000	305.769586	-2562.833	-164.829762
-254.491109	-36.207581	1573.964	
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COMB UEB15 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.769586	-2821.791	-7.214627
15.095346	2.013433	-2462.713	
0.25000	305.769586	-2755.709	-5.475623
15.095346	4.392119	-1416.960	
0.50000	305.769586	-2690.522	-3.760174
15.095346	6.123095	-395.819725	

0.75000	305.769586	-2626.230	-2.068279
15.095346	7.215194	601.043213	
1.00000	305.769586	-2562.833	-0.399940
15.095346	7.677249	1573.964	
COMB UEB15 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	305.769586	-2821.791	-7.214627
15.095346	2.013433	-2462.713	
0.25000	305.769586	-2755.709	-5.475623
15.095346	4.392119	-1416.960	
0.50000	305.769586	-2690.522	-3.760174
15.095346	6.123095	-395.819725	
0.75000	305.769586	-2626.230	-2.068279
15.095346	7.215194	601.043213	
1.00000	305.769586	-2562.833	-0.399940
15.095346	7.677249	1573.964	

COMB UEB16 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	-2970.306	3.59E-13
3.76E-15	3.18E-13	-2592.330	
0.25000	321.862722	-2900.746	3.51E-13
3.76E-15	1.84E-13	-1491.537	
0.50000	321.862722	-2832.128	3.42E-13
3.76E-15	5.45E-14	-416.652342	
0.75000	321.862722	-2764.452	3.34E-13
3.76E-15	-7.23E-14	632.677067	
1.00000	321.862722	-2697.719	3.26E-13
3.76E-15	-1.96E-13	1656.805	

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COMB UEB16 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	-2970.306	3.59E-13
3.76E-15	3.18E-13	-2592.330	
0.25000	321.862722	-2900.746	3.51E-13
3.76E-15	1.84E-13	-1491.537	
0.50000	321.862722	-2832.128	3.42E-13
3.76E-15	5.45E-14	-416.652342	
0.75000	321.862722	-2764.452	3.34E-13
3.76E-15	-7.23E-14	632.677067	
1.00000	321.862722	-2697.719	3.26E-13
3.76E-15	-1.96E-13	1656.805	

COMB UEB17 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	441.414154	-4081.196	4.93E-13
5.10E-15	4.44E-13	-3629.358	
0.25000	441.414154	-4011.636	4.85E-13
5.10E-15	2.61E-13	-2111.981	
0.50000	441.414154	-3943.018	4.77E-13
5.10E-15	8.08E-14	-620.513002	
0.75000	441.414154	-3875.342	4.68E-13
5.10E-15	-9.64E-14	845.400075	
1.00000	441.414154	-3808.609	4.60E-13
5.10E-15	-2.71E-13	2286.111	

COMB UEB17 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	441.414154	-4081.196	4.93E-13
5.10E-15	4.44E-13	-3629.358	
0.25000	441.414154	-4011.636	4.85E-13
5.10E-15	2.61E-13	-2111.981	
0.50000	441.414154	-3943.018	4.77E-13
5.10E-15	8.08E-14	-620.513002	
0.75000	441.414154	-3875.342	4.68E-13
5.10E-15	-9.64E-14	845.400075	
1.00000	441.414154	-3808.609	4.60E-13
5.10E-15	-2.71E-13	2286.111	
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COMB UEB18 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	289.676450	-2673.276	-13.852084
28.983064	3.865791	-2333.097	
0.25000	289.676450	-2610.672	-10.513197
28.983064	8.432868	-1342.383	
0.50000	289.676450	-2548.915	-7.219534
28.983064	11.756342	-374.987108	
0.75000	289.676450	-2488.007	-3.971097
28.983064	13.853172	569.409360	
1.00000	289.676450	-2427.947	-0.767884
28.983064	14.740318	1491.124	

COMB UEB18 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	289.676450	-2673.276	-13.852084
28.983064	3.865791	-2333.097	
0.25000	289.676450	-2610.672	-10.513197
28.983064	8.432868	-1342.383	
0.50000	289.676450	-2548.915	-7.219534
28.983064	11.756342	-374.987108	
0.75000	289.676450	-2488.007	-3.971097
28.983064	13.853172	569.409360	
1.00000	289.676450	-2427.947	-0.767884
28.983064	14.740318	1491.124	

COMB SVO01 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	413.849951	-3823.480	4.62E-13
4.79E-15	4.15E-13	-3387.553	
0.25000	413.849951	-3753.920	4.54E-13
4.79E-15	2.43E-13	-1966.821	
0.50000	413.849951	-3685.302	4.45E-13
4.79E-15	7.45E-14	-571.996063	
0.75000	413.849951	-3617.626	4.37E-13
4.79E-15	-9.10E-14	797.273377	
1.00000	413.849951	-3550.892	4.29E-13
4.79E-15	-2.53E-13	2141.341	

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COMB SVO01 ----- MIN

0.00000	413.849951	-3823.480	4.62E-13
4.79E-15	4.15E-13	-3387.553	
0.25000	413.849951	-3753.920	4.54E-13
4.79E-15	2.43E-13	-1966.821	
0.50000	413.849951	-3685.302	4.45E-13
4.79E-15	7.45E-14	-571.990603	
0.75000	413.849951	-3617.626	4.37E-13
4.79E-15	-9.10E-14	797.273377	
1.00000	413.849951	-3550.892	4.29E-13
4.79E-15	-2.53E-13	2141.341	

4.98E-15	9.07E-14	-710.513851		4.52E-15	2.36E-13	-1917.890		1.00000	507.025156	-2833.079	3.42E-13	0.75000	418.453504	-3592.024	4.34E-13	
0.50000	428.820466	-2026.256	2.44E-13	0.25000	390.019351	-2382.319	2.88E-13	5.88E-15	-2.38E-13	2019.685		4.89E-15	-9.41E-14	823.732382		
4.98E-15	2.50E-15	62.168713	2.36E-13	4.52E-15	1.27E-13	-1011.507		COMB	ULO5		MIN	1.00000	418.453504	-3505.270	4.24E-13	
0.75000	428.820466	-1958.581		0.50000	390.019351	-2313.701	2.79E-13	REL DIST		P	V2	COMB	ULO10		MAX	
4.98E-15	-9.26E-14	809.296198		4.52E-15	2.05E-14	-131.032599		T	M2	M3	V3	0.00000	374.241124	-2707.584	3.27E-13	
1.00000	428.820466	-1891.847	2.28E-13	0.75000	390.019351	-2246.025	2.71E-13	0.00000	507.025156	-3187.443	3.85E-13	REL DIST		P	V2	
4.98E-15	-1.80E-13	1531.222		4.52E-15	-8.27E-14	723.886577	2.63E-13	5.88E-15	3.07E-13	-2493.256		T	M2	M3	V3	
COMB	SVO11		MIN	1.00000	390.019351	-2179.291		0.25000	507.025156	-4097.014	3.74E-13	0.00000	374.241124	-2707.584	3.27E-13	
REL DIST		P	V2	COMB	ULO1		MAX	5.88E-15	1.65E-13	-1314.959	3.63E-13	6.67E-15	3.47E-13	-2803.941		
T	M2	M3	V3	REL DIST		P	V2	0.50000	507.025156	-3007.811	3.63E-13	0.25000	374.241124	-2620.634	3.16E-13	
0.00000	428.820466	-2164.434	2.61E-13	T	M2	M3	V3	5.88E-15	2.67E-14	-170.342379	3.53E-13	6.67E-15	2.27E-13	-1804.937		
4.98E-15	1.87E-13	-1509.105		0.00000	616.173180	-5696.875	6.89E-13	0.75000	507.025156	-2919.833	3.42E-13	0.50000	374.241124	-2534.861	3.06E-13	
0.25000	428.820466	-2094.874	2.53E-13	7.10E-15	6.22E-13	-5081.876		5.88E-15	-1.07E-13	941.052550		6.67E-15	1.10E-13	-838.318741		
4.98E-15	9.07E-14	-1958.581		0.25000	616.173180	-5606.446	6.78E-13	0.00000	507.025156	-2833.079	7.42	0.75000	374.241124	-2450.266	2.96E-13	
0.50000	428.820466	-2026.256	2.44E-13	7.10E-15	3.66E-13	-2962.542		5.88E-15	-2.38E-13	2019.685		6.67E-15	-2.52E-15	96.355852		
4.98E-15	-2.50E-15	62.168713	2.36E-13	0.50000	616.173180	-5517.243	6.67E-13	Program	SAP2000	Nonlinear	Version	7.42	1.00000	374.241124	-2366.849	2.85E-13
0.75000	428.820466	-1958.581		7.10E-15	1.14E-13	-876.888390		File:청도1교하행_P9_본체.OUT				6.67E-15	-1.11E-13	999.528247		
4.98E-15	-9.26E-14	809.296198		0.75000	616.173180	-5429.265	6.56E-13					COMB	ULO10		MIN	
1.00000	428.820466	-1891.847	2.28E-13	7.10E-15	1.34E-13	1175.544		Page				REL DIST		P	V2	
4.98E-15	-1.80E-13	1531.222		1.00000	616.173180	-5342.511	6.46E-13	: AAbutPier	SAP2000	6-7	데이터파일 : 교각 본체	T	M2	M3	V3	
Program	SAP2000	Nonlinear	Version	7.42	7.10E-15	-3.78E-13	3195.213				469	0.00000	374.241124	-2707.584	3.27E-13	
File:청도1교하행_P9_본체.OUT				COMB	ULO1		MIN					6.67E-15	3.47E-13	-2803.941		
REL DIST		P	V2	REL DIST		P	V2					0.25000	374.241124	-2620.634	3.16E-13	
T	M2	M3	V3	T	M2	M3	V3					6.67E-15	2.27E-13	-1804.937		
0.00000	428.820466	-2164.434	2.61E-13	0.00000	616.173180	-5696.875	6.89E-13					0.50000	374.241124	-2534.861	3.06E-13	
4.98E-15	1.87E-13	-1509.105		0.25000	616.173180	-5606.446	6.78E-13					6.67E-15	1.10E-13	-838.318741		
0.25000	428.820466	-2094.874	2.53E-13	7.10E-15	3.66E-13	-2962.542						0.75000	374.241124	-2450.266	2.96E-13	
4.98E-15	9.07E-14	-1958.581		0.50000	616.173180	-5517.243	6.67E-13					1.00000	374.241124	-2366.849	2.85E-13	
0.50000	428.820466	-2026.256	2.44E-13	7.10E-15	1.14E-13	-876.888390						6.67E-15	-1.11E-13	999.528247		
4.98E-15	-2.50E-15	62.168713	2.36E-13	0.75000	616.173180	-5429.265	6.56E-13					COMB	ULO11		MAX	
0.75000	428.820466	-1958.581		7.10E-15	1.34E-13	1175.544						REL DIST		P	V2	
4.98E-15	-9.26E-14	809.296198		1.00000	616.173180	-5342.511	6.46E-13					T	M2	M3	V3	
1.00000	428.820466	-1891.847	2.28E-13	7.10E-15	-3.78E-13	3195.213						0.00000	374.241124	-2707.584	3.27E-13	
4.98E-15	-1.80E-13	1531.222		COMB	ULO2		MAX					6.67E-15	3.47E-13	-2803.941		
COMB	SVO12		MIN	REL DIST		P	V2					0.25000	374.241124	-2620.634	3.16E-13	
REL DIST		P	V2	T	M2	M3	V3					6.67E-15	2.27E-13	-1804.937		
T	M2	M3	V3	0.00000	418.453504	-3859.634	4.67E-13					0.50000	374.241124	-2534.861	3.06E-13	
0.00000	352.554424	-3308.042	4.00E-13	4.89E-15	4.12E-13	-3366.792						6.67E-15	1.10E-13	-838.318741		
5.91E-15	4.25E-13	-3449.651	3.91E-13	0.25000	418.453504	-3769.206	4.56E-13					0.75000	374.241124	-2450.266	2.96E-13	
0.25000	352.554424	-3238.482		4.89E-15	2.39E-13	-1936.422	4.45E-13					1.00000	374.241124	-2366.849	2.85E-13	
5.91E-15	2.77E-13	-2222.208	3.83E-13	0.50000	418.453504	-3680.002						6.67E-15	-1.11E-13	999.528247		
0.50000	352.554424	-3169.864	3.83E-13	4.89E-15	7.07E-14	-539.734223	4.34E-13					COMB	ULO11		MIN	
5.91E-15	1.31E-13	-1020.672	3.75E-13	0.75000	418.453504	-3592.024	4.34E-13					REL DIST		P	V2	
0.75000	352.554424	-3102.188		4.89E-15	9.41E-14	823.732382	4.24E-13					T	M2	M3	V3	
5.91E-15	-1.06E-14	155.308143	3.67E-13	1.00000	418.453504	-3505.270						0.00000	536.025583	-2705.583	3.27E-13	
1.00000	352.554424	-3035.455		4.89E-15	-2.55E-13	2154.437						6.22E-15	2.34E-13	-1886.381		
5.91E-15	-1.50E-13	1306.087		COMB	ULO2		MIN					0.25000	536.025583	-2618.593	3.16E-13	
REL DIST		P	V2	REL DIST		P	V2					6.22E-15	1.13E-13	-888.142314		
T	M2	M3	V3	T	M2	M3	V3					0.50000	536.025583	-2532.820	3.06E-13	
0.00000	352.554424	-3308.042	4.00E-13	4.89E-15	4.12E-13	-3366.792						0.75000	536.025583	-2448.226	2.95E-13	
5.91E-15	4.25E-13	-3449.651	3.91E-13	0.25000	418.453504	-3769.206	4.56E-13					6.22E-15	-1.16E-13	1011.620		
0.25000	352.554424	-3238.482		4.89E-15	2.39E-13	-1936.422	4.45E-13					1.00000	536.025583	-2364.809	2.85E-13	
5.91E-15	2.77E-13	-2222.208	3.83E-13	0.50000	418.453504	-3680.002						6.22E-15	-2.25E-13	1914.027		
0.50000	352.554424	-3169.864	3.83E-13	4.89E-15	7.07E-14	-539.734223	4.34E-13					COMB	ULO11		MIN	
5.91E-15	1.31E-13	-1020.672	3.75E-13	0.75000	418.453504	-3592.024	4.34E-13					REL DIST		P	V2	
0.75000	352.554424	-3102.188		4.89E-15	9.41E-14	823.732382	4.24E-13					T	M2	M3	V3	
5.91E-15	-1.06E-14	155.308143	3.67E-13	1.00000	418.453504	-3505.270						0.00000	536.025583	-2705.583	3.27E-13	
1.00000	352.554424	-3035.455		4.89E-15	-2.55E-13	2154.437						6.22E-15	2.34E-13	-1886.381		
5.91E-15	-1.50E-13	1306.087		COMB	ULO2		MIN					0.25000	536.025583	-2618.593	3.16E-13	
REL DIST		P	V2	REL DIST		P	V2					6.22E-15	1.13E-13	-888.142314		
T	M2	M3	V3	T	M2	M3	V3					0.50000	536.025583	-2532.820	3.06E-13	
0.00000	352.554424	-3308.042	4.00E-13	4.89E-15	4.12E-13	-3366.792						0.75000	536.025583	-2448.226	2.95E-13	
5.91E-15	4.25E-13	-3449.651	3.91E-13	0.25000	418.453504	-3769.206	4.56E-13					6.22E-15	-1.16E-13	1011.620		
0.25000	352.554424	-3238.482		4.89E-15	2.39E-13	-1936.422	4.45E-13					1.00000	536.025583	-2364.809	2.85E-13	
5.91E-15	2.77E-13	-2222.208	3.83E-13	0.50000	418.453504	-3680.002						6.22E-15	-2.25E-13	1914.027		
0.50000	352.554424	-3169.864	3.83E-13	4.89E-15	7.07E-14	-539.734223	4.34E-13					COMB	ULO11		MIN	
5.91E-15	1.31E-13	-1020.672	3.75E-13	0.75000	418.453504	-3592.024	4.34E-13					REL DIST		P	V2	
0.75000	352.554424	-3102.188		4.89E-15	9.41E-14	823.732382	4.24E-13					T	M2	M3	V3	
5.91E-15	-1.06E-14	155.308143	3.67E-13	1.00000	418.453504	-3505.270						0.00000	536.025583	-2705.583	3.27E-13	
1.00000	352.554424	-3035.455		4.89E-15	-2.55E-13	2154.437						6.22E-15	2.34E-13	-1886.381		
5.91E-15	-1.50E-13	1306.087		COMB	ULO2		MIN					0.25000	536.025583	-2618.593	3.16E-13	
REL DIST		P	V2	REL DIST		P	V2					6.22E-15	1.13E-13	-888.142314		
T	M2	M3	V3	T	M2	M3	V3					0.50000	536.025583	-2532.820	3.06E-13	
0.00000	352.554424	-3308.042	4.00E-13	4.89E-15	4.12E-13	-3366.792						0.75000	536.025583	-2448.226	2.95E-13	
5.91E-15	4.25E-13	-3449.651	3.91E-13	0.25000	418.453504	-3769.206	4.56E-13					6.22E-15	-1.16E-13	1011.620		
0.25000	352.554424	-3238.482		4.89E-15	2.39E-13	-1936.422	4.45E-13					1.00000	536.025583	-2364.809	2.85E-13	
5.91E-15	2.77E-13	-2222.208	3.83E-13	0.50000	418.453504	-3680.002						6.22E-15	-2.25E-13	1914.027		
0.50000	352.554424	-3169.864	3.83E-13	4.89E-15	7.07E-14	-539.734223	4.34E-13					COMB	ULO11		MIN	
5.91E-15	1.31E-13	-1020.672	3.75E-13	0.75000	418.453504	-3592.024	4.34E-13					REL DIST		P	V2	
0.75000	352.554424	-3102.188		4.89E-15	9.41E-14											

REL	DIST	P	M2	M3	V2	V3
T						
0.00000	325.739730	-3066.899				3.70E-13
6.11E-15	4.09E-13	-3314.922				
0.25000	325.739730	-2979.939				3.60E-13
6.11E-15	2.72E-13	-2181.178				
0.50000	325.739730	-2894.167				3.49E-13
6.11E-15	1.39E-13	-1079.820				
0.75000	325.739730	-2809.572				3.39E-13
6.11E-15	9.94E-15	-10.406175				
1.00000	325.739730	-2726.155				3.29E-13
6.11E-15	-1.15E-13	1027.506				
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FRAME ELEMENT INTERNAL FORCES

COMB ULO15 ----- MAX

REL	DIST	P	M2	M3	V2	V3
T						
0.00000	487.524189	-3064.849				3.70E-13
5.65E-15	2.95E-13	-2397.362				
0.25000	487.524189	-2977.899				3.60E-13
5.65E-15	1.59E-13	-1264.384				
0.50000	487.524189	-2892.126				3.49E-13
5.65E-15	2.57E-14	-163.790749				
0.75000	487.524189	-2807.531				3.39E-13
5.65E-15	-1.03E-13	904.858221				
1.00000	487.524189	-2724.114				3.29E-13
5.65E-15	-2.29E-13	1942.005				

COMB ULO15 ----- MIN

REL	DIST	P	M2	M3	V2	V3
T						
0.00000	487.524189	-3064.849				3.70E-13
5.65E-15	2.95E-13	-2397.362				
0.25000	487.524189	-2977.899				3.60E-13
5.65E-15	1.59E-13	-1264.384				
0.50000	487.524189	-2892.126				3.49E-13
5.65E-15	2.57E-14	-163.790749				
0.75000	487.524189	-2807.531				3.39E-13
5.65E-15	-1.03E-13	904.858221				
1.00000	487.524189	-2724.114				3.29E-13
5.65E-15	-2.29E-13	1942.005				

COMB ULO16 ----- MAX

REL	DIST	P	M2	M3	V2	V3
T						
0.00000	321.887311	-2968.949				3.59E-13
3.76E-15	3.17E-13	-2589.840				
0.25000	321.887311	-2899.389				3.50E-13
3.76E-15	1.84E-13	-1489.556				
0.50000	321.887311	-2830.771				3.42E-13
3.76E-15	5.44E-14	-415.180171				
0.75000	321.887311	-2763.095				3.34E-13
3.76E-15	-7.24E-14	633.640293				
1.00000	321.887311	-2696.362				3.26E-13
3.76E-15	-1.96E-13	1657.259				

COMB ULO16 ----- MIN

REL	DIST	P	M2	M3	V2	V3
T						
0.00000	321.887311	-2968.949				3.59E-13
3.76E-15	3.17E-13	-2589.840				
0.25000	321.887311	-2899.389				3.50E-13
3.76E-15	1.84E-13	-1489.556				
0.50000	321.887311	-2830.771				3.42E-13
3.76E-15	5.44E-14	-415.180171				
0.75000	321.887311	-2763.095				3.34E-13
3.76E-15	-7.24E-14	633.640293				
1.00000	321.887311	-2696.362				3.26E-13
3.76E-15	-1.96E-13	1657.259				

COMB ULO17 ----- MAX

REL	DIST	P	M2	M3	V2	V3
T						
0.00000	538.004936	-4970.524				6.01E-13
6.23E-15	5.39E-13	-4403.820				
0.25000	538.004936	-4880.095				5.90E-13
6.23E-15	3.16E-13	-2556.867				
0.50000	538.004936	-4790.892				5.79E-13
6.23E-15	9.69E-14	-743.594882				
0.75000	538.004936	-4702.914				5.68E-13
6.23E-15	-1.18E-13	1036.455				
1.00000	538.004936	-4616.160				5.58E-13
6.23E-15	-3.29E-13	2783.743				

COMB ULO17 ----- MIN

REL	DIST	P	M2	M3	V2	V3
T						
0.00000	538.004936	-4970.524				6.01E-13
6.23E-15	5.39E-13	-4403.820				
0.25000	538.004936	-4880.095				5.90E-13
6.23E-15	3.16E-13	-2556.867				
0.50000	538.004936	-4790.892				5.79E-13
6.23E-15	9.69E-14	-743.594882				
0.75000	538.004936	-4702.914				5.68E-13
6.23E-15	-1.18E-13	1036.455				
1.00000	538.004936	-4616.160				5.58E-13
6.23E-15	-3.29E-13	2783.743				

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FRAME ELEMENT INTERNAL FORCES

COMB ULO18 ----- MAX

REL	DIST	P	M2	M3	V2	V3
T						
0.00000	514.584559	-2597.321				3.13E-13
5.97E-15	2.25E-13	-1810.926				
0.25000	514.584559	-2513.849				3.03E-13
5.97E-15	1.09E-13	-852.616621				
0.50000	514.584559	-2431.508				2.93E-13
5.97E-15	-3.00E-15	74.602455				
0.75000	514.584559	-2350.297				2.84E-13
5.97E-15	-1.11E-13	971.155438				
1.00000	514.584559	-2270.216				2.74E-13
5.97E-15	-2.16E-13	1837.466				

COMB ULO18 ----- MIN

REL	DIST	P	M2	M3	V2	V3
T						
0.00000	514.584559	-2597.321				3.13E-13
5.97E-15	2.25E-13	-1810.926				
0.25000	514.584559	-2513.849				3.03E-13
5.97E-15	1.09E-13	-852.616621				
0.50000	514.584559	-2431.508				2.93E-13
5.97E-15	-3.00E-15	74.602455				
0.75000	514.584559	-2350.297				2.84E-13
5.97E-15	-1.11E-13	971.155438				
1.00000	514.584559	-2270.216				2.74E-13
5.97E-15	-2.16E-13	1837.466				

COMB UEO01 ----- MAX

REL	DIST	P	M2	M3	V2	V3
T						
0.00000	519.614363	-4805.783				5.81E-13
5.97E-15	5.27E-13	-4304.177				
0.25000	519.614363	-4736.223				5.73E-13
5.97E-15	3.11E-13	-2515.081				
0.50000	519.614363	-4667.605				5.64E-13
5.97E-15	9.77E-14	-751.892688				
0.75000	519.614363	-4599.929				5.56E-13
5.97E-15	-1.12E-13	985.740391				
1.00000	519.614363	-4533.195				5.48E-13
5.97E-15	-3.19E-13	2698.172				

COMB UEO01 ----- MIN

REL	DIST	P	M2	M3	V2	V3
T						
0.00000	519.614363	-4805.783				5.81E-13
5.97E-15	5.27E-13	-4304.177				
0.25000	519.614363	-4736.223				5.73E-13
5.97E-15	3.11E-13	-2515.081				
0.50000	519.614363	-4667.605				5.64E-13
5.97E-15	9.77E-14	-751.892688				
0.75000	519.614363	-4599.929				5.56E-13
5.97E-15	-1.12E-13	985.740391				
1.00000	519.614363	-4533.195				5.48E-13
5.97E-15	-3.19E-13	2698.172				

COMB UEO02 ----- MAX

REL	DIST	P	M2	M3	V2	V3
T						
0.00000	321.894688	-2968.542				3.59E-13
3.77E-15	3.17E-13	-2589.093				
0.25000	321.894688	-2898.982				3.50E-13
3.77E-15	1.84E-13	-1488.961				
0.50000	321.894688	-2830.364				3.42E-13
3.77E-15	5.43E-14	-414.738520				
0.75000	321.894688	-2762.688				3.34E-13
3.77E-15	-7.24E-14	633.929262				
1.00000	321.894688	-2695.954				3.26E-13
3.77E-15	-1.96E-13	1657.395				

COMB UEO02 ----- MIN

REL	DIST	P	M2	M3	V2	V3
T						
0.00000	321.894688	-2968.542				3.59E-13
3.77E-15	3.17E-13	-2589.093				
0.25000	321.894688	-2898.982				3.50E-13
3.77E-15	1.84E-13	-1488.961				
0.50000	321.894688	-2830.364				3.42E-13
3.77E-15	5.43E-14	-414.738520				
0.75000	321.894688	-2762.688				3.34E-13
3.77E-15	-7.24E-14	633.929262				
1.00000	321.894688	-2695.954				3.26E-13
3.77E-15	-1.96E-13	1657.395				

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COMB UEO03 ----- MAX

REL	DIST	P	M2	M3	V2	V3
T						
0.00000	460.907790	-1922.673				2.32E-13
5.34E-15	3.40E-13	-1184.137				
0.25000	460.907790	-1853.113				2.23E-13
5.34E-15	6.26E-14	-476.206957				
0.50000	460.907790	-1784.495				2.15E-13
5.34E-15	-1.96E-14	205.815029				
0.75000	460.907790	-1716.819				2.07E-13
5.34E-15	-9.88E-14	862.281938				
1.00000	460.907790	-1650.085				1.99E-13
5.34E-15	-1.75E-13	1493.547				

COMB UEO03 ----- MIN

0.00000	460.907790	-1922.673	2.32E-13
5.34E-15	1.48E-13	-1184.137	
0.25000	460.907790	-1853.113	2.23E-13
5.34E-15	6.26E-14	-476.206957	
0.50000	460.907790	-1784.495	2.15E-13
5.34E-15	-1.96E-14	205.815029	
0.75000	460.907790	-1716.819	2.07E-13
5.34E-15	-9.88E-14	862.281938	
1.00000	460.907790	-1650.085	1.99E-13
5.34E-15	-1.75E-13	1493.547	

1.00000 229.180913 -1916.839 2.31E-13
4.98E-15 -5.65E-14 530.464418
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L F O R C E S

COMB UEO15 ----- MAX

REL DIST T P M2 V2 V3
0.00000 390.965372 -2173.757 2.62E-13
4.53E-15 2.00E-13 -1619.663 2.62E-13
0.25000 390.965372 -2107.675 2.54E-13
4.53E-15 1.03E-13 -816.922518 2.47E-13
0.50000 390.965372 -2042.488 2.39E-13
4.53E-15 9.93E-15 -38.795046 2.31E-13
0.75000 390.965372 -1978.196 2.31E-13
4.53E-15 -8.17E-14 715.055101 2.31E-13
1.00000 390.965372 -1914.799 2.31E-13
4.53E-15 -1.70E-13 1444.964

COMB UEO15 ----- MIN

REL DIST T P M2 V2 V3
0.00000 390.965372 -2173.757 2.62E-13
4.53E-15 2.00E-13 -1619.663 2.62E-13
0.25000 390.965372 -2107.675 2.54E-13
4.53E-15 1.03E-13 -816.922518 2.47E-13
0.50000 390.965372 -2042.488 2.39E-13
4.53E-15 9.93E-15 -38.795046 2.31E-13
0.75000 390.965372 -1978.196 2.31E-13
4.53E-15 -8.17E-14 715.055101 2.31E-13
1.00000 390.965372 -1914.799 2.31E-13
4.53E-15 -1.70E-13 1444.964

COMB UEO16 ----- MAX

REL DIST T P M2 V2 V3
0.00000 390.965372 -2173.757 2.62E-13
4.53E-15 2.00E-13 -1619.663 2.62E-13
0.25000 390.965372 -2107.675 2.54E-13
4.53E-15 1.03E-13 -816.922518 2.47E-13
0.50000 390.965372 -2042.488 2.39E-13
4.53E-15 9.93E-15 -38.795046 2.31E-13
0.75000 390.965372 -1978.196 2.31E-13
4.53E-15 -8.17E-14 715.055101 2.31E-13
1.00000 390.965372 -1914.799 2.31E-13
4.53E-15 -1.70E-13 1444.964

COMB UEO16 ----- MIN

REL DIST T P M2 V2 V3
0.00000 321.887311 -2968.949 3.59E-13
3.76E-15 3.17E-13 -2589.840 3.50E-13
0.25000 321.887311 -2899.389 3.50E-13
3.76E-15 1.84E-13 -1489.556 3.42E-13
0.50000 321.887311 -2830.771 3.42E-13
3.76E-15 5.44E-14 -415.180171 3.34E-13
0.75000 321.887311 -2763.095 3.34E-13
3.76E-15 -7.24E-14 633.640293 3.26E-13
1.00000 321.887311 -2696.362 3.26E-13
3.76E-15 -1.96E-13 1657.259

COMB UEO16 ----- MIN

REL DIST T P M2 V2 V3
0.00000 321.887311 -2968.949 3.59E-13
3.76E-15 3.17E-13 -2589.840 3.50E-13
0.25000 321.887311 -2899.389 3.50E-13
3.76E-15 1.84E-13 -1489.556 3.42E-13
0.50000 321.887311 -2830.771 3.42E-13
3.76E-15 5.44E-14 -415.180171 3.34E-13
0.75000 321.887311 -2763.095 3.34E-13
3.76E-15 -7.24E-14 633.640293 3.26E-13
1.00000 321.887311 -2696.362 3.26E-13
3.76E-15 -1.96E-13 1657.259

COMB UEO17 ----- MAX

REL DIST T P M2 V2 V3
0.00000 441.446120 -4079.432 4.93E-13
5.10E-15 4.44E-13 -3626.121 4.85E-13
0.25000 441.446120 -4009.872 4.76E-13
5.10E-15 2.61E-13 -2109.406 4.68E-13
0.50000 441.446120 -3941.254 4.60E-13
5.10E-15 8.05E-14 -618.599179 4.60E-13
0.75000 441.446120 -3873.578 4.60E-13
5.10E-15 -9.66E-14 846.652270 4.60E-13
1.00000 441.446120 -3806.844 4.60E-13
5.10E-15 -2.71E-13 2286.702

COMB UEO17 ----- MIN

REL DIST T P M2 V2 V3
0.00000 441.446120 -4079.432 4.93E-13
5.10E-15 4.44E-13 -3626.121 4.85E-13
0.25000 441.446120 -4009.872 4.76E-13
5.10E-15 2.61E-13 -2109.406 4.68E-13
0.50000 441.446120 -3941.254 4.60E-13
5.10E-15 8.05E-14 -618.599179 4.60E-13
0.75000 441.446120 -3873.578 4.60E-13
5.10E-15 -9.66E-14 846.652270 4.60E-13
1.00000 441.446120 -3806.844 4.60E-13
5.10E-15 -2.71E-13 2286.702
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COMB UEO18 ----- MAX

REL DIST T P M2 V2 V3
0.00000 418.025743 -1706.230 2.06E-13
4.84E-15 1.29E-13 -1033.227 1.98E-13
0.25000 418.025743 -1643.625 1.91E-13
4.84E-15 5.35E-14 -405.155572 1.83E-13
0.50000 418.025743 -1581.869 1.76E-13
4.84E-15 -1.94E-14 199.598158 1.76E-13
0.75000 418.025743 -1520.961 1.76E-13
4.84E-15 -8.95E-14 781.352318 1.76E-13
1.00000 418.025743 -1460.901 1.76E-13
4.84E-15 -1.57E-13 1340.425

COMB UEO18 ----- MIN

REL DIST T P M2 V2 V3
0.00000 418.025743 -1706.230 2.06E-13
4.84E-15 1.29E-13 -1033.227 1.98E-13
0.25000 418.025743 -1643.625 1.91E-13
4.84E-15 5.35E-14 -405.155572 1.83E-13
0.50000 418.025743 -1581.869 1.76E-13
4.84E-15 -1.94E-14 199.598158 1.76E-13
0.75000 418.025743 -1520.961 1.76E-13
4.84E-15 -8.95E-14 781.352318 1.76E-13
1.00000 418.025743 -1460.901 1.76E-13
4.84E-15 -1.57E-13 1340.425

COMB ENVBULT ----- MAX

REL DIST T P M2 V2 V3
0.00000 616.141214 -5698.639 6.89E-13
7.10E-15 6.23E-13 -5085.113 6.78E-13
0.25000 616.141214 -5608.211 6.67E-13
7.10E-15 3.66E-13 -2965.117 6.67E-13
0.50000 616.141214 -5519.007 6.67E-13
7.10E-15 1.14E-13 -878.802212 6.67E-13

0.75000 616.141214 -5431.029 6.56E-13
7.10E-15 -1.34E-13 1174.291 6.46E-13
1.00000 616.141214 5344.275 6.46E-13
7.10E-15 -3.78E-13 3194.623

COMB ENVBULT ----- MIN

REL DIST T P M2 V2 V3
0.00000 616.141214 -5698.639 6.89E-13
7.10E-15 6.23E-13 -5085.113 6.78E-13
0.25000 616.141214 -5608.211 6.78E-13
7.10E-15 3.66E-13 -2965.117 6.67E-13
0.50000 616.141214 -5519.007 6.67E-13
7.10E-15 1.14E-13 -878.802212 6.56E-13
0.75000 616.141214 -5431.029 6.46E-13
1.00000 616.141214 5344.275 6.46E-13
7.10E-15 -3.78E-13 3194.623

COMB ENVBECCE ----- MAX

REL DIST T P M2 V2 V3
0.00000 519.582397 -2970.306 5.81E-13
5.97E-15 5.27E-13 -2592.330 5.73E-13
0.25000 519.582397 -2900.746 5.64E-13
5.97E-15 3.11E-13 -1491.537 5.64E-13
0.50000 519.582397 -2832.128 5.56E-13
5.97E-15 9.79E-14 -416.652342 5.56E-13
0.75000 519.582397 -2764.452 5.48E-13
5.97E-15 -7.23E-14 984.488196 5.48E-13
1.00000 519.582397 2697.719 5.48E-13
5.97E-15 -1.96E-13 2697.581

COMB ENVBECCE ----- MIN

REL DIST T P M2 V2 V3
0.00000 321.862722 -4807.547 3.59E-13
3.76E-15 3.18E-13 -4307.414 3.51E-13
0.25000 321.862722 -4737.987 3.42E-13
3.76E-15 1.84E-13 -2517.666 3.42E-13
0.50000 321.862722 -4669.359 3.34E-13
3.76E-15 5.45E-14 -753.806510 3.34E-13
0.75000 321.862722 -4601.693 3.26E-13
3.76E-15 -1.12E-13 632.677067 3.26E-13
1.00000 321.862722 -4534.960 3.26E-13
3.76E-15 -3.19E-13 1656.805 3.26E-13
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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 ENVOULT ----- MAX

REL DIST T P M2 V2 V3
0.00000 616.173180 -5696.875 6.89E-13
7.10E-15 6.22E-13 -5081.876 6.78E-13
0.25000 616.173180 -5606.446 6.67E-13
7.10E-15 3.66E-13 -2962.542 6.67E-13
0.50000 616.173180 -5517.243 6.56E-13
7.10E-15 1.14E-13 -876.888390 6.56E-13
0.75000 616.173180 -5429.265 6.46E-13
7.10E-15 -1.34E-13 1175.544 6.46E-13
1.00000 616.173180 -5342.511 6.46E-13
7.10E-15 -3.78E-13 3195.213

COMB ENVOULT ----- MIN

REL DIST T P M2 V2 V3
0.00000 616.173180 -5696.875 6.89E-13
7.10E-15 6.22E-13 -5081.876 6.78E-13
0.25000 616.173180 -5606.446 6.67E-13
7.10E-15 3.66E-13 -2962.542 6.67E-13
0.50000 616.173180 -5517.243 6.56E-13
7.10E-15 1.14E-13 -876.888390 6.56E-13
0.75000 616.173180 -5429.265 6.46E-13
7.10E-15 -1.34E-13 1175.544 6.46E-13
1.00000 616.173180 -5342.511 6.46E-13
7.10E-15 -3.78E-13 3195.213

COMB ENVOECC ----- MAX

REL DIST T P M2 V2 V3
0.00000 519.614363 -2968.542 5.81E-13
5.97E-15 5.27E-13 -2589.093 5.73E-13
0.25000 519.614363 -2898.982 5.64E-13
5.97E-15 3.11E-13 -1488.961 5.56E-13
0.50000 519.614363 -2830.364 5.48E-13
5.97E-15 9.77E-14 -414.739520 5.48E-13
0.75000 519.614363 -2762.688 5.48E-13
5.97E-15 -7.24E-14 985.740391 5.48E-13
1.00000 519.614363 2695.954 5.48E-13
5.97E-15 -1.96E-13 2698.172

COMB ENVOECC ----- MIN

REL DIST T P M2 V2 V3
0.00000 321.894688 -4805.783 3.59E-13
3.76E-15 3.17E-13 -4304.177 3.50E-13
0.25000 321.894688 -4737.223 3.42E-13
3.76E-15 1.84E-13 -2515.081 3.34E-13
0.50000 321.894688 -4667.605 3.34E-13
3.76E-15 5.43E-14 -751.892688 3.34E-13
0.75000 321.894688 -4599.929 3.26E-13
3.76E-15 -1.12E-13 633.929262 3.26E-13
1.00000 321.894688 4533.195 3.26E-13
3.76E-15 -3.19E-13 1657.395

ELEM 9 ----- LENGTH =

LOAD D -----

REL DIST T P M2 V2 V3
0.00000 321.862722 -2697.719 3.26E-13
3.76E-15 1.96E-13 1656.805 3.25E-13
0.25000 321.862722 -2688.884 3.24E-13
3.76E-15 -2.12E-13 1791.470 3.24E-13
0.50000 321.862722 -2680.049 3.23E-13
3.76E-15 -2.29E-13 1925.693 3.23E-13
0.75000 321.862722 -2671.214 3.22E-13
3.76E-15 -2.45E-13 2059.475 3.22E-13
1.00000 321.862722 -2662.379 3.22E-13
3.76E-15 -2.61E-13 2192.814

LOAD L1 -----

REL DIST T P M2 V2 V3
0.00000 91.962640 -854.530601 1.03E-13
1.03E-15 -5.73E-14 484.082059 1.03E-13
0.25000 91.962640 -854.530601 1.03E-13
1.03E-15 -6.25E-14 526.808589 1.03E-13
0.50000 91.962640 -854.530601 1.03E-13
1.03E-15 -6.76E-14 569.535119 1.03E-13
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

REL DIST T P M2 V2 V3
0.75000 91.962640 -854.530601 1.03E-13
1.03E-15 7.28E-14 612.261649 1.03E-13
1.00000 91.962640 -854.530601 1.03E-13
1.03E-15 -7.80E-14 654.988179

LOAD W-LO -----

REL DIST T P M2 V2 V3
0.00000 -1.80E-18 -8.37E-17 -0.639903
24.152553 12.283598 1.47E-15 -0.286503
24.152553 12.306758 1.48E-15 0.066897
0.50000 -1.80E-18 1.89E-18 0.420297
24.152553 12.312248 1.48E-15 0.773697
0.75000 -1.80E-18 4.47E-17
24.152553 12.300688 1.48E-15
1.00000 -1.80E-18 8.75E-17
24.152553 12.270219 1.47E-15

LOAD G-LO2 -----

REL DIST T P M2 V2 V3
0.00000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -35.107864 -1.31E-15
0.25000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -28.530671 -5.08E-16
0.50000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -21.953478 2.92E-16
0.75000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -15.376295 1.09E-15
1.00000 3.98E-16 -1.60E-14 -131.543858
-215.669164 -8.799092 1.89E-15

LOAD E-LO -----

REL DIST T P M2 V2 V3
0.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.25000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.50000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.75000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
1.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000

LOAD W-TR -----

REL DIST T P M2 V2 V3
0.00000 106.933155 804.514611 -9.77E-14
1.21E-15 1.64E-14 -126.037074 -9.77E-14
0.25000 106.933155 804.514611 -9.77E-14
1.21E-15 2.13E-14 -166.262805 -9.77E-14
0.50000 106.933155 804.514611 -9.77E-14
1.21E-15 2.61E-14 -206.488536 -9.77E-14
0.75000 106.933155 804.514611 -9.77E-14
1.21E-15 3.10E-14 -246.714266 -9.77E-14
1.00000 106.933155 804.514611 -9.77E-14
1.21E-15 3.59E-14 -286.939997

LOAD WL -----

REL DIST T P M2 V2 V3
0.00000 14.665462 114.812798 -1.39E-14
1.53E-16 5.07E-15 -40.636469 -1.39E-14
0.25000 14.665462 114.812798 -1.39E-14
1.53E-16 5.77E-15 -46.377105 -1.39E-14
0.50000 14.665462 114.812798 -1.39E-14
1.53E-16 6.46E-15 -52.117749 -1.39E-14
0.75000 14.665462 114.812798 -1.39E-14
1.53E-16 7.16E-15 -57.858388 -1.39E-14
1.00000 14.665462 114.812798 -1.39E-14
1.53E-16 7.86E-15 -63.599028

LOAD G-TR -----

REL DIST T P M2 V2 V3
0.00000 129.427567 -1.632503 1.32E-16
3.61E-16 9.06E-14 -731.599328 1.32E-16
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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 V2 V3
0.25000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.06E-14 -731.517703 1.32E-16
0.50000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.06E-14 -731.436078 1.32E-16
0.75000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.06E-14 -731.354453 1.32E-16
1.00000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.06E-14 -731.272828

LOAD E-TR -----

REL DIST T P M2 V2 V3
0.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.25000 0.

0.00000	321.862722	-2697.719	-0.319952	3.76E-15	-2.45E-13	2059.475		-203.592887	-15.797354	1925.693		REL DIST	P	V2	V3
12.076277	6.141799	1656.805		1.00000	321.862722	-2662.379	3.22E-13	0.75000	321.862722	-2671.214	-131.333710	T	M2	M3	
0.25000	321.862722	-2688.884	-0.143252	3.76E-15	-2.61E-13	2192.814		-203.592887	-9.226251	2059.475		0.00000	537.972970	-4617.924	-0.415937
12.076277	6.153797	1791.470		COMB	SVB10	-----	MAX	1.00000	321.862722	-2662.379	-131.157010	15.699160	7.984339	2783.153	
0.50000	321.862722	-2680.049	0.033448					-203.592887	-2.663983	2192.814		0.25000	537.972970	-4606.439	-0.186227
12.076277	6.156124	1925.693		REL DIST	P	V2	V3	COMB	SVB14	-----	MIN	15.699160	7.999393	3013.762	
0.75000	321.862722	-2671.214	0.210148	0.00000	321.862722	-2697.719	-132.183762	REL DIST	P	V2	V3	0.50000	537.972970	-4594.953	0.043483
12.076277	6.150034	2059.475		191.516610	-22.824266	1656.805		12.076277	T	M2	M3	15.699160	8.002961	3243.797	
1.00000	321.862722	-2662.379	0.386848	0.25000	321.862722	-2688.884	-131.830362	0.25000	321.862722	-2697.719	-131.863810	0.75000	537.972970	-4583.468	0.273193
12.076277	6.135109	2192.814		-191.516610	-16.223913	1791.470		-203.592887	-28.966065	1656.805		15.699160	7.995045	3473.257	
COMB	SVB05	-----	MIN	0.50000	321.862722	-2680.049	-131.476962	0.25000	321.862722	-2688.884	-131.687110	15.699160	7.995045	3473.257	
REL DIST	P	V2	V3	-191.516610	-9.641230	1925.693		-203.592887	-22.377292	1791.470		1.00000	537.972970	-4571.982	0.502903
0.00000	321.862722	-2697.719	-0.319952	0.75000	321.862722	-2671.214	-131.123562	-203.592887	-15.797354	1925.693		15.699160	7.975642	3702.143	
12.076277	6.141799	1656.805		1.00000	321.862722	-2662.379	-130.770162	0.75000	321.862722	-2671.214	-131.333710	REL DIST	P	V2	V3
0.25000	321.862722	-2688.884	-0.143252	-191.516610	-3.076217	2059.475		-203.592887	-9.226251	2059.475		T	M2	M3	
12.076277	6.153379	1791.470		COMB	SVB10	-----	MIN	1.00000	321.862722	-2662.379	-131.157010	0.00000	537.972970	-4617.924	-0.415937
0.50000	321.862722	-2680.049	0.033448	REL DIST	P	V2	V3	COMB	SVB15	-----	MAX	15.699160	7.984339	2783.153	
12.076277	6.156124	1925.693		0.00000	321.862722	-2697.719	-132.183762	REL DIST	P	V2	V3	0.25000	537.972970	-4606.439	-0.186227
0.75000	321.862722	-2671.214	0.210148	-191.516610	-22.824266	1656.805		12.076277	T	M2	M3	0.50000	537.972970	-4594.953	0.043483
1.00000	321.862722	-2662.379	0.386848	0.25000	321.862722	-2688.884	-131.830362	0.00000	321.862722	-2697.719	-131.863810	15.699160	8.002961	3243.797	
12.076277	6.135109	2192.814		-191.516610	-16.223913	1791.470		12.076277	0.25000	321.862722	-2680.049	0.75000	537.972970	-4583.468	0.273193
COMB	SVB06	-----	MAX	0.50000	321.862722	-2680.049	-131.476962	12.076277	0.50000	321.862722	-2688.884	15.699160	7.995045	3473.257	
REL DIST	P	V2	V3	-191.516610	-9.641230	1925.693		12.076277	0.75000	321.862722	-2671.214	15.699160	8.002961	3243.797	
0.00000	413.825362	-3552.249	-131.543858	0.75000	321.862722	-2671.214	-131.123562	12.076277	1.00000	321.862722	-2662.379	0.25000	537.972970	-4606.439	-0.186227
-215.669164	-35.107864	2140.887		-191.516610	-3.076217	2059.475		12.076277	0.50000	321.862722	-2680.049	0.50000	537.972970	-4594.953	0.043483
0.25000	413.825362	-3543.414	-131.543858	1.00000	321.862722	-2662.379	-130.770162	12.076277	0.75000	321.862722	-2671.214	15.699160	8.002961	3243.797	
-215.669164	-28.530671	2318.278		-191.516610	-9.641230	1925.693		12.076277	1.00000	321.862722	-2662.379	15.699160	8.002961	3243.797	
0.50000	413.825362	-3534.579	-131.543858	Program	SAP2000 Nonlinear	Version 7.42		12.076277	0.25000	321.862722	-2680.049	0.75000	537.972970	-4583.468	0.273193
-215.669164	-21.953478	2495.228		File:청도교하행_P9_본체.OUT				12.076277	0.50000	321.862722	-2671.214	15.699160	7.995045	3473.257	
0.75000	413.825362	-3525.744	-131.543858	REL DIST	P	V2	V3	12.076277	0.75000	321.862722	-2662.379	15.699160	8.002961	3243.797	
-215.669164	-15.376285	2671.736		0.00000	413.825362	-3552.249	4.29E-13	12.076277	1.00000	321.862722	-2662.379	15.699160	8.002961	3243.797	
1.00000	413.825362	-3516.909	-131.543858	COMB	SVB07	-----	MAX	12.076277	0.25000	321.862722	-2680.049	0.75000	537.972970	-4583.468	0.273193
-215.669164	-8.799092	2847.803		REL DIST	P	V2	V3	12.076277	0.50000	321.862722	-2671.214	15.699160	7.995045	3473.257	
COMB	SVB06	-----	MIN	0.00000	413.825362	-3552.249	4.29E-13	12.076277	0.75000	321.862722	-2662.379	15.699160	8.002961	3243.797	
REL DIST	P	V2	V3	4.79E-15	-2.53E-13	2140.887		12.076277	1.00000	321.862722	-2662.379	15.699160	8.002961	3243.797	
0.00000	413.825362	-3552.249	4.29E-13	4.79E-15	-2.53E-13	2140.887		12.076277	0.25000	321.862722	-2680.049	0.75000	537.972970	-4583.468	0.273193
0.25000	413.825362	-3543.414	-131.543858	4.79E-15	-2.75E-13	2318.278	4.28E-13	12.076277	0.50000	321.862722	-2671.214	15.699160	7.995045	3473.257	
-215.669164	-28.530671	2318.278		0.50000	413.825362	-3534.579	4.27E-13	12.076277	0.75000	321.862722	-2662.379	15.699160	8.002961	3243.797	
0.50000	413.825362	-3534.579	-131.543858	0.75000	413.825362	-3525.744	4.26E-13	12.076277	1.00000	321.862722	-2662.379	15.699160	8.002961	3243.797	
-215.669164	-21.953478	2495.228		1.00000	413.825362	-3516.909	4.25E-13	12.076277	0.25000	321.862722	-2680.049	0.75000	537.972970	-4583.468	0.273193
0.75000	413.825362	-3525.744	-131.543858	4.79E-15	-2.96E-13	2495.228		12.076277	0.50000	321.862722	-2671.214	15.699160	7.995045	3473.257	
-215.669164	-15.376285	2671.736		1.00000	413.825362	-3516.909	4.25E-13	12.076277	0.75000	321.862722	-2662.379	15.699160	8.002961	3243.797	
1.00000	413.825362	-3516.909	-131.543858	4.79E-15	-3.39E-13	2847.803		12.076277	1.00000	321.862722	-2662.379	15.699160	8.002961	3243.797	
-215.669164	-8.799092	2847.803		COMB	SVB07	-----	MIN	12.076277	0.25000	321.862722	-2680.049	0.75000	537.972970	-4583.468	0.273193
COMB	SVB07	-----	MIN	REL DIST	P	V2	V3	12.076277	0.50000	321.862722	-2671.214	15.699160	7.995045	3473.257	
REL DIST	P	V2	V3	0.00000	413.825362	-3552.249	4.29E-13	12.076277	0.75000	321.862722	-2662.379	15.699160	8.002961	3243.797	
0.00000	413.825362	-3552.249	4.29E-13	4.79E-15	-2.53E-13	2140.887		12.076277	1.00000	321.862722	-2662.379	15.699160	8.002961	3243.797	
0.25000	413.825362	-3543.414	-131.543858	4.79E-15	-2.75E-13	2318.278	4.28E-13	12.076277	0.25000	321.862722	-2680.049	0.75000	537.972970	-4583.468	0.273193
-215.669164	-28.530671	2318.278		0.50000	413.825362	-3534.579	4.27E-13	12.076277	0.50000	321.862722	-2671.214	15.699160	7.995045	3473.257	
0.50000	413.825362	-3534.579	-131.543858	0.75000	413.825362	-3525.744	4.26E-13	12.076277	0.75000	321.862722	-2662.379	15.699160	8.002961	3243.797	
-215.669164	-21.953478	2495.228		1.00000	413.825362	-3516.909	4.25E-13	12.076277	1.00000	321.862722	-2662.379	15.699160	8.002961	3243.797	
0.75000	413.825362	-3525.744	-131.543858	4.79E-15	-2.96E-13	2495.228		12.076277	0.25000	321.862722	-2680.049	0.75000	537.972970	-4583.468	0.273193
-215.669164	-15.376285	2671.736		1.00000	413.825362	-3516.909	4.25E-13	12.076277	0.50000	321.862722	-2671.214	15.699160	7.995045	3473.257	
1.00000	413.825362	-3516.909	-131.543858	4.79E-15	-3.39E-13	2847.803		12.076277	0.75000	321.862722	-2662.379	15.699160	8.002961	3243.797	
-215.669164	-8.799092	2847.803		COMB	SVB07	-----	MIN	12.076277	1.00000	321.862722	-2662.379	15.699160	8.002961	3243.797	
COMB	SVB07	-----	MIN	REL DIST	P	V2	V3	12.076277	0.25000	321.862722	-2680.049	0.75000	537.972970	-4583.468	0.273193
REL DIST	P	V2	V3	0.00000	413.825362	-3552.249	4.29E-13	12.076277	0.50000	321.862722	-2671.214	15.699160	7.995045	3473.257	
0.00000	413.825362	-3552.249	4.29E-13	4.79E-15	-2.53E-13	2140.887		12.076277	0.75000	321.862722	-2662.379	15.699160	8.002961	3243.797	
0.25000	413.825362	-3543.414	-131.543858	4.79E-15	-2.75E-13	2318.278	4.28E-13	12.076277	1.00000	321.862722	-2662.379	15.699160	8.002961	3243.797	
-215.669164	-28.530671	2318.278		0.50000	413.825362	-3534.579	4.27E-13	12.076277	0.25000	321.862722	-2680.049	0.75000	537.972970	-4583.468	0.273193
0.50000	413.825362	-3534.579	-131.543858	0.75000	413.825362	-3525.744	4.26E-13	12.076277	0.50000	321.862722	-2671.214	15.699160	7.995045	3473.257	
-215.669164	-21.953478	2495.228		1.00000	413.825362	-3516.909	4.25E-13	12.076277	0.75000	321.862722	-2662.379	15.699160	8.002961	3243.797	
0.75000	413.825362	-3525.744	-131.543858	4.79E-15	-2.96E-13	2495.228		12.076277	1.00000	321.862722	-2662.379	15.699160	8.002961	3243.797	
-215.669164	-15.376285	2671.736		1.00000	413.825362	-3516.909	4.25E-13	12.076277	0.25000	321.862722	-2680.049	0.75000	537.972970	-4583.468	0.273193
1.00000	413.825362	-3516.909	-131.543858	4.79E-15	-3.39E-13	2847.803		12.076277	0.50000						

COMB ULB09-----MIN					2.25000 517.281702-----4429.268 -0.179065					0.00000 537.972970-----4617.924 5.58E-13					15.699160 7.995045-----2855.415					0.502903				
REL DIST T P M2 V2 V3					15.095346 7.691724 2897.848					6.23E-15 -3.29E-13 2783.153					1.00000 441.414154-----3773.269									
-280.369913 -45.640223 2153.034					0.50000 517.281702-----4418.224 0.041810					0.25000 537.972970-----4606.439 5.57E-13					15.699160 7.975642-----3044.299									
0.25000 418.421538-----3495.549 -171.007016					15.095346 7.695155 3119.035					6.23E-15 -3.57E-13 3013.762					5.55E-13					COMB UEB04-----MIN				
-280.369913 -37.098972 2328.911					0.75000 517.281702-----4407.180 0.262685					0.50000 537.972970-----4594.953 5.55E-13					0.00000 441.414154-----3808.609 -0.415937									
0.50000 418.421538-----3484.063 -171.007016					15.095346 7.687543 3339.670					6.23E-15 -3.85E-13 3243.797					15.699160 7.984339-----2286.111									
-280.369913 -28.539522 2503.401					0.50000 517.281702-----4418.224 0.041810					0.25000 537.972970-----4606.439 5.57E-13					0.25000 441.414154-----3799.774 -0.186227									
0.75000 418.421538-----3472.578 -171.007016					15.095346 7.691724 2897.848					0.50000 537.972970-----4594.953 5.55E-13					15.699160 7.975642-----3044.299									
-280.369913 -19.989171 2677.317					0.50000 517.281702-----4407.180 0.262685					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
1.00000 418.421538-----3461.092 -171.007016					15.095346 7.687543 3339.670					6.23E-15 -3.85E-13 3243.797					0.00000 441.414154-----3808.609 -0.415937									
-280.369913 -11.438820 2850.659					0.75000 517.281702-----4407.180 0.262685					0.50000 537.972970-----4594.953 5.55E-13					15.699160 7.984339-----2286.111									
COMB ULB09-----MAX					15.095346 7.691724 2897.848					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
REL DIST T P M2 V2 V3					0.50000 517.281702-----4418.224 0.041810					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
4.89E-15 -2.55E-13 2153.844					15.095346 7.695155 3119.035					6.23E-15 -3.57E-13 3013.762					5.55E-13					COMB UEB04-----MIN				
0.25000 418.421538-----3495.549 4.22E-13					0.75000 517.281702-----4407.180 0.262685					0.50000 537.972970-----4594.953 5.55E-13					0.00000 441.414154-----3808.609 -0.415937									
4.89E-15 -2.76E-13 2328.911					0.50000 517.281702-----4407.180 0.262685					0.25000 537.972970-----4606.439 5.57E-13					15.699160 7.984339-----2286.111									
0.50000 418.421538-----3484.063 4.21E-13					15.095346 7.687543 3339.670					6.23E-15 -3.85E-13 3243.797					0.25000 441.414154-----3799.774 -0.186227									
4.89E-15 -2.97E-13 2503.401					0.75000 517.281702-----4407.180 0.262685					0.50000 537.972970-----4594.953 5.55E-13					15.699160 7.975642-----3044.299									
0.75000 418.421538-----3472.578 4.20E-13					0.50000 517.281702-----4407.180 0.262685					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
4.89E-15 -3.18E-13 2677.317					15.095346 7.668887 3559.753					6.23E-15 -4.13E-13 3473.257					0.00000 441.414154-----3808.609 -0.415937									
1.00000 418.421538-----3461.092 4.18E-13					0.75000 517.281702-----4407.180 0.262685					0.50000 537.972970-----4594.953 5.55E-13					15.699160 7.984339-----2286.111									
4.89E-15 -3.39E-13 2850.659					0.50000 517.281702-----4407.180 0.262685					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
COMB ULB10-----MAX					15.095346 7.691724 2897.848					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
REL DIST T P M2 V2 V3					0.50000 517.281702-----4418.224 0.041810					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
-239.395763 -28.530332 -3072.148 -165.229702					15.095346 7.695155 3119.035					6.23E-15 -3.57E-13 3013.762					5.55E-13					COMB UEB04-----MIN				
-239.395763 -28.530332 -3072.148 -165.229702					0.50000 402.328402-----3372.148 -164.829762					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
0.25000 402.328402-----3361.105 -164.787952					0.50000 402.328402-----3361.105 -164.787952					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
-239.395763 -20.279891 -2239.337					0.50000 402.328402-----3361.061 -164.346202					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
0.50000 402.328402-----3350.061 -164.346202					0.50000 402.328402-----3350.061 -164.346202					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
-239.395763 -12.051537 -2407.116					0.50000 402.328402-----3339.017 -163.904452					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
0.75000 402.328402-----3339.017 -163.904452					0.50000 402.328402-----3339.017 -163.904452					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
-239.395763 -3.845271 -2574.343					0.50000 402.328402-----3327.973 -163.462702					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
1.00000 402.328402-----3327.973 -163.462702					0.50000 402.328402-----3327.973 -163.462702					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
-239.395763 4.338908 2741.018					0.50000 402.328402-----3327.973 -163.462702					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
COMB ULB10-----MIN					15.095346 7.668887 3559.753					6.23E-15 -4.13E-13 3473.257					0.00000 441.414154-----3808.609 -0.415937									
REL DIST T P M2 V2 V3					0.50000 402.328402-----3372.148 -164.829762					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
-239.395763 -28.530332 -3072.148 -165.229702					0.50000 402.328402-----3372.148 -164.829762					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
-239.395763 -28.530332 -3072.148 -165.229702					0.50000 402.328402-----3372.148 -164.829762					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
0.25000 402.328402-----3361.105 -164.787952					0.50000 402.328402-----3361.105 -164.787952					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
-239.395763 -20.279891 -2239.337					0.50000 402.328402-----3361.061 -164.346202					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
0.50000 402.328402-----3350.061 -164.346202					0.50000 402.328402-----3350.061 -164.346202					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
-239.395763 -12.051537 -2407.116					0.50000 402.328402-----3339.017 -163.904452					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
0.75000 402.328402-----3339.017 -163.904452					0.50000 402.328402-----3339.017 -163.904452					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
-239.395763 -3.845271 -2574.343					0.50000 402.328402-----3327.973 -163.462702					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
1.00000 402.328402-----3327.973 -163.462702					0.50000 402.328402-----3327.973 -163.462702					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
-239.395763 4.338908 2741.018					0.50000 402.328402-----3327.973 -163.462702					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
Program SAP2000 Nonlinear Version 7.42					File:정도1교하행_P9_본체.OUT					File:정도1교하행_P9_본체.OUT					File:정도1교하행_P9_본체.OUT									
: AAbutPier SAP2000 6-7 데이라파일 : 교각 본체					: AAbutPier SAP2000 6-7 데이라파일 : 교각 본체					: AAbutPier SAP2000 6-7 데이라파일 : 교각 본체					: AAbutPier SAP2000 6-7 데이라파일 : 교각 본체									
490					491					492					493									
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 ULB11-----MAX					15.095346 7.691724 2897.848					6.23E-15 -3.29E-13 2783.153					1.00000 441.414154-----3773.269									
REL DIST T P M2 V2 V3					0.50000 517.281702-----4418.224 0.041810					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
4.89E-15 -2.55E-13 2153.844					15.095346 7.695155 3119.035					6.23E-15 -3.57E-13 3013.762					5.55E-13					COMB UEB04-----MIN				
0.25000 418.421538-----3495.549 4.22E-13					0.75000 517.281702-----4407.180 0.262685					0.50000 537.972970-----4594.953 5.55E-13					0.00000 441.414154-----3808.609 -0.415937									
4.89E-15 -2.76E-13 2328.911					0.50000 517.281702-----4407.180 0.262685					0.25000 537.972970-----4606.439 5.57E-13					15.699160 7.984339-----2286.111									
0.50000 418.421538-----3484.063 4.21E-13					15.095346 7.687543 3339.670					6.23E-15 -3.85E-13 3243.797					0.25000 441.414154-----3799.774 -0.186227									
4.89E-15 -2.97E-13 2503.401					0.75000 517.281702-----4407.180 0.262685					0.50000 537.972970-----4594.953 5.55E-13					15.699160 7.975642-----3044.299									
0.75000 418.421538-----3472.578 4.20E-13					0.50000 517.281702-----4407.180 0.262685					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
4.89E-15 -3.18E-13 2677.317					15.095346 7.668887 3559.753					6.23E-15 -4.13E-13 3473.257					0.00000 441.414154-----3808.609 -0.415937									
1.00000 418.421538-----3461.092 4.18E-13					0.75000 517.281702-----4407.180 0.262685					0.50000 537.972970-----4594.953 5.55E-13					15.699160 7.984339-----2286.111									
4.89E-15 -3.39E-13 2850.659					0.50000 517.281702-----4407.180 0.262685					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
COMB ULB11-----MIN					15.095346 7.691724 2897.848					6.23E-15 -3.29E-13 2783.153					1.00000 441.414154-----3773.269									
REL DIST T P M2 V2 V3					0.50000 517.281702-----4418.224 0.041810					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
4.89E-15 -2.55E-13 2153.844					15.095346 7.695155 3119.035					6.23E-15 -3.57E-13 3013.762					5.55E-13					COMB UEB04-----MIN				
0.25000 418.421538-----3495.549 4.22E-13					0.75000 517.281702-----4407.180 0.262685					0.50000 537.972970-----4594.953 5.55E-13					0.00000 441.414154-----3808.609 -0.415937									
4.89E-15 -2.76E-13 2328.911					0.50000 517.281702-----4407.180 0.262685					0.25000 537.972970-----4606.439 5.57E-13					15.699160 7.984339-----2286.111									
0.50000 418.421538-----3484.063 4.21E-13					15.095346 7.687543 3339.670					6.23E-15 -3.85E-13 3243.797					0.25000 441.414154-----3799.774 -0.186227									
4.89E-15 -2.97E-13 2503.401					0.75000 517.281702-----4407.180 0.262685					0.50000 537.972970-----4594.953 5.55E-13					15.699160 7.975642-----3044.299									
0.75000 418.421538-----3472.578 4.20E-13					0.50000 517.281702-----4407.180 0.262685					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
4.89E-15 -3.18E-13 2677.317					15.095346 7.668887 3559.753					6.23E-15 -4.13E-13 3473.257					0.00000 441.414154-----3808.609 -0.415937									
1.00000 418.421538-----3461.092 4.18E-13					0.75000 517.281702-----4407.180 0.262685					0.50000 537.972970-----4594.953 5.55E-13					15.699160 7.984339-----2286.111									
4.89E-15 -3.39E-13 2850.659					0.50000 517.281702-----4407.180 0.262685					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									
COMB ULB11-----MAX					15.095346 7.691724 2897.848					6.23E-15 -3.29E-13 2783.153					1.00000 441.414154-----3773.269									
REL DIST T P M2 V2 V3					0.50000 517.281702-----4418.224 0.041810					0.25000 537.972970-----4606.439 5.57E-13					0.50000 441.414154-----3799.774 -0.186227									

[illegible]

0.00000 321.887311 -2696.362 3.26E-13
3.76E-15 -1.96E-13 1657.259
0.25000 321.887311 -2687.527 3.25E-13
3.76E-15 -2.12E-13 1791.856
0.50000 321.887311 -2678.692 3.24E-13
3.76E-15 -2.29E-13 1926.012
0.75000 321.887311 -2669.857 3.23E-13
3.76E-15 -2.45E-13 2059.725
1.00000 321.887311 -2661.022 3.22E-13
3.76E-15 -2.61E-13 2192.997

COMB SVO09 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 321.887311 -2696.362 3.26E-13
3.76E-15 -1.96E-13 1657.259
0.25000 321.887311 -2687.527 3.25E-13
3.76E-15 -2.12E-13 1791.856
0.50000 321.887311 -2678.692 3.24E-13
3.76E-15 -2.29E-13 1926.012
0.75000 321.887311 -2669.857 3.23E-13
3.76E-15 -2.45E-13 2059.725
1.00000 321.887311 -2661.022 3.22E-13
3.76E-15 -2.61E-13 2192.997

COMB SVO10 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 299.392899 -1893.479 2.28E-13
5.34E-15 -8.92E-14 799.622598 2.27E-13
0.25000 299.392899 -1884.644 2.27E-13
5.34E-15 -1.01E-13 894.075698 2.26E-13
0.50000 299.392899 -1875.809 2.26E-13
5.34E-15 -1.12E-13 988.087047 2.25E-13
0.75000 299.392899 -1866.974 2.25E-13
5.34E-15 -1.23E-13 1081.657 2.24E-13
1.00000 299.392899 -1858.139 2.24E-13
5.34E-15 -1.34E-13 1174.784

COMB SVO10 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 299.392899 -1893.479 2.28E-13
5.34E-15 -8.92E-14 799.622598 2.27E-13
0.25000 299.392899 -1884.644 2.27E-13
5.34E-15 -1.01E-13 894.075698 2.26E-13
0.50000 299.392899 -1875.809 2.26E-13
5.34E-15 -1.12E-13 988.087047 2.25E-13
0.75000 299.392899 -1866.974 2.25E-13
5.34E-15 -1.23E-13 1081.657 2.24E-13
1.00000 299.392899 -1858.139 2.24E-13
5.34E-15 -1.34E-13 1174.784
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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 SVO11 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 428.820466 -1891.847 2.28E-13
4.98E-15 -1.80E-13 1531.222 2.27E-13
0.25000 428.820466 -1883.012 2.27E-13
4.98E-15 -1.91E-13 1625.593 2.26E-13
0.50000 428.820466 -1874.177 2.26E-13
4.98E-15 -2.02E-13 1719.523 2.25E-13
0.75000 428.820466 -1865.342 2.25E-13
4.98E-15 -2.14E-13 1813.011 2.24E-13
1.00000 428.820466 -1856.507 2.24E-13
4.98E-15 -2.25E-13 1906.057

COMB SVO11 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 428.820466 -1891.847 2.28E-13
4.98E-15 -1.80E-13 1531.222 2.27E-13
0.25000 428.820466 -1883.012 2.27E-13
4.98E-15 -1.91E-13 1625.593 2.26E-13
0.50000 428.820466 -1874.177 2.26E-13
4.98E-15 -2.02E-13 1719.523 2.25E-13
0.75000 428.820466 -1865.342 2.25E-13
4.98E-15 -2.14E-13 1813.011 2.24E-13
1.00000 428.820466 -1856.507 2.24E-13
4.98E-15 -2.25E-13 1906.057

COMB SVO12 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 352.554424 -3035.455 3.67E-13
5.91E-15 -1.50E-13 1306.087 3.65E-13
0.25000 352.554424 -3026.620 3.65E-13
5.91E-15 -1.68E-13 1457.639 3.64E-13
0.50000 352.554424 -3017.785 3.64E-13
5.91E-15 -1.86E-13 1608.749 3.63E-13
0.75000 352.554424 -3008.950 3.63E-13
5.91E-15 -2.04E-13 1759.417 3.62E-13
1.00000 352.554424 -3000.115 3.62E-13
5.91E-15 -2.22E-13 1909.644

COMB SVO12 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 352.554424 -3035.455 3.67E-13
5.91E-15 -1.50E-13 1306.087 3.65E-13
0.25000 352.554424 -3026.620 3.65E-13
5.91E-15 -1.68E-13 1457.639 3.64E-13
0.50000 352.554424 -3017.785 3.64E-13
5.91E-15 -1.86E-13 1608.749 3.63E-13
0.75000 352.554424 -3008.950 3.63E-13
5.91E-15 -2.04E-13 1759.417 3.62E-13
1.00000 352.554424 -3000.115 3.62E-13
5.91E-15 -2.22E-13 1909.644

COMB SVO13 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 481.981991 -3033.822 3.66E-13
5.55E-15 -2.40E-13 2037.686 3.65E-13
0.25000 481.981991 -3024.987 3.64E-13
5.55E-15 -2.58E-13 2189.156 3.64E-13
0.50000 481.981991 -3016.152 3.63E-13
5.55E-15 -2.77E-13 2340.185 3.63E-13
0.75000 481.981991 -3007.317 3.62E-13
5.55E-15 -2.95E-13 2490.771 3.62E-13
1.00000 481.981991 -2998.482 3.62E-13
5.55E-15 -3.13E-13 2640.916

COMB SVO13 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 481.981991 -3033.822 3.66E-13
5.55E-15 -2.40E-13 2037.686 3.65E-13
0.25000 481.981991 -3024.987 3.64E-13
5.55E-15 -2.58E-13 2189.156 3.64E-13
0.50000 481.981991 -3016.152 3.64E-13
5.55E-15 -2.77E-13 2340.185 3.63E-13
0.75000 481.981991 -3007.317 3.63E-13

5.55E-15 -2.95E-13 2490.771
1.00000 481.981991 -2998.482 3.62E-13
5.55E-15 -3.13E-13 2640.916
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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 SVO14 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 260.591784 -2180.924 2.63E-13
4.88E-15 -9.23E-14 822.004666 2.62E-13
0.25000 260.591784 -2172.089 2.62E-13
4.88E-15 -1.05E-13 930.829991 2.61E-13
0.50000 260.591784 -2163.254 2.60E-13
4.88E-15 -1.18E-13 1039.214 2.60E-13
0.75000 260.591784 -2154.419 2.59E-13
4.88E-15 -1.32E-13 1147.155 2.59E-13
1.00000 260.591784 -2145.584 2.59E-13
4.88E-15 -1.44E-13 1254.655

COMB SVO14 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 260.591784 -2180.924 2.63E-13
4.88E-15 -9.23E-14 822.004666 2.62E-13
0.25000 260.591784 -2172.089 2.62E-13
4.88E-15 -1.05E-13 930.829991 2.61E-13
0.50000 260.591784 -2163.254 2.60E-13
4.88E-15 -1.18E-13 1039.214 2.60E-13
0.75000 260.591784 -2154.419 2.59E-13
4.88E-15 -1.32E-13 1147.155 2.59E-13
1.00000 260.591784 -2145.584 2.59E-13
4.88E-15 -1.44E-13 1254.655

COMB SVO15 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 390.019351 -2179.291 2.63E-13
4.52E-15 -1.83E-13 1553.604 2.62E-13
0.25000 390.019351 -2170.456 2.62E-13
4.52E-15 -1.96E-13 1662.348 2.61E-13
0.50000 390.019351 -2161.621 2.60E-13
4.52E-15 -2.09E-13 1770.650 2.60E-13
0.75000 390.019351 -2152.786 2.59E-13
4.52E-15 -2.22E-13 1878.510 2.59E-13
1.00000 390.019351 -2143.951 2.59E-13
4.52E-15 -2.35E-13 1985.928

COMB SVO15 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 390.019351 -2179.291 2.63E-13
4.52E-15 -1.83E-13 1553.604 2.62E-13
0.25000 390.019351 -2170.456 2.62E-13
4.52E-15 -1.96E-13 1662.348 2.61E-13
0.50000 390.019351 -2161.621 2.60E-13
4.52E-15 -2.09E-13 1770.650 2.60E-13
0.75000 390.019351 -2152.786 2.59E-13
4.52E-15 -2.22E-13 1878.510 2.59E-13
1.00000 390.019351 -2143.951 2.59E-13
4.52E-15 -2.35E-13 1985.928

COMB ULO01 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 616.173180 -5342.511 6.46E-13
7.10E-15 -3.78E-13 3195.213 6.44E-13
0.25000 616.173180 -5331.025 6.43E-13
7.10E-15 -4.10E-13 3462.052 6.42E-13
0.50000 616.173180 -5319.540 6.42E-13
7.10E-15 -4.43E-13 3728.316 6.42E-13
0.75000 616.173180 -5308.054 6.40E-13
7.10E-15 -4.75E-13 3994.006 6.40E-13
1.00000 616.173180 -5296.569 6.40E-13
7.10E-15 -5.07E-13 4259.121

COMB ULO01 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 616.173180 -5342.511 6.46E-13
7.10E-15 -3.78E-13 3195.213 6.44E-13
0.25000 616.173180 -5331.025 6.44E-13
7.10E-15 -4.10E-13 3462.052 6.43E-13
0.50000 616.173180 -5319.540 6.43E-13
7.10E-15 -4.43E-13 3728.316 6.42E-13
0.75000 616.173180 -5308.054 6.42E-13
7.10E-15 -4.75E-13 3994.006 6.40E-13
1.00000 616.173180 -5296.569 6.40E-13
7.10E-15 -5.07E-13 4259.121
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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 ULO02 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 418.453504 -3505.270 4.24E-13
4.89E-15 -2.55E-13 2154.437 4.22E-13
0.25000 418.453504 -3493.785 4.21E-13
4.89E-15 -2.76E-13 2329.413 4.19E-13
0.50000 418.453504 -3482.299 4.18E-13
4.89E-15 -2.97E-13 2503.815 4.18E-13
0.75000 418.453504 -3470.814 4.18E-13
4.89E-15 -3.18E-13 2677.643 4.18E-13
1.00000 418.453504 -3459.328 4.18E-13
4.89E-15 -3.39E-13 2850.897

COMB ULO02 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 418.453504 -3505.270 4.24E-13
4.89E-15 -2.55E-13 2154.437 4.22E-13
0.25000 418.453504 -3493.785 4.21E-13
4.89E-15 -2.76E-13 2329.413 4.19E-13
0.50000 418.453504 -3482.299 4.18E-13
4.89E-15 -2.97E-13 2503.815 4.18E-13
0.75000 418.453504 -3470.814 4.18E-13
4.89E-15 -3.18E-13 2677.643 4.18E-13
1.00000 418.453504 -3459.328 4.18E-13
4.89E-15 -3.39E-13 2850.897

COMB ULO03 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 557.466606 -2459.401 2.97E-13
6.47E-15 -2.34E-13 1990.589 2.95E-13
0.25000 557.466606 -2447.916 2.94E-13
6.47E-15 -2.48E-13 2113.271 2.94E-13
0.50000 557.466606 -2436.430 2.94E-13

6.47E-15 -2.63E-13 2235.380
0.75000 557.466606 -2424.945 2.93E-13
6.47E-15 -2.78E-13 2356.914 2.91E-13
1.00000 557.466606 -2413.459 2.91E-13
6.47E-15 -2.92E-13 2477.875

COMB ULO03 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 557.466606 -2459.401 2.97E-13
6.47E-15 -2.34E-13 1990.589 2.95E-13
0.25000 557.466606 -2447.916 2.94E-13
6.47E-15 -2.48E-13 2113.271 2.94E-13
0.50000 557.466606 -2436.430 2.93E-13
6.47E-15 -2.63E-13 2235.380 2.93E-13
0.75000 557.466606 -2424.945 2.91E-13
6.47E-15 -2.78E-13 2356.914 2.91E-13
1.00000 557.466606 -2413.459 2.91E-13
6.47E-15 -2.92E-13 2477.875

COMB ULO04 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 626.576588 -3943.969 4.76E-13
7.22E-15 -3.12E-13 2648.992 4.75E-13
0.25000 626.576588 -3932.483 4.74E-13
7.22E-15 -3.36E-13 2845.903 4.72E-13
0.50000 626.576588 -3920.998 4.71E-13
7.22E-15 -3.60E-13 3042.240 4.71E-13
0.75000 626.576588 -3909.512 4.71E-13
7.22E-15 -3.83E-13 3238.003 4.71E-13
1.00000 626.576588 -3898.027 4.71E-13
7.22E-15 -4.07E-13 3433.191

COMB ULO04 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 626.576588 -3943.969 4.76E-13
7.22E-15 -3.12E-13 2648.992 4.75E-13
0.25000 626.576588 -3932.483 4.74E-13
7.22E-15 -3.36E-13 2845.903 4.72E-13
0.50000 626.576588 -3920.998 4.71E-13
7.22E-15 -3.60E-13 3042.240 4.71E-13
0.75000 626.576588 -3909.512 4.71E-13
7.22E-15 -3.83E-13 3238.003 4.71E-13
1.00000 626.576588 -3898.027 4.71E-13
7.22E-15 -4.07E-13 3433.191

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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 ULO05 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 507.025156 -2833.079 3.42E-13
5.88E-15 -2.38E-13 2019.685 3.41E-13
0.25000 507.025156 -2821.593 3.39E-13
5.88E-15 -2.55E-13 2161.052 3.38E-13
0.50000 507.025156 -2810.108 3.38E-13
5.88E-15 -2.72E-13 2301.845 3.38E-13
0.75000 507.025156 -2798.622 3.36E-13
5.88E-15 -2.89E-13 2442.063 3.36E-13
1.00000 507.025156 -2787.137 3.36E-13
5.88E-15 -3.06E-13 2581.707

COMB ULO05 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 507.025156 -2833.079 3.42E-13
5.88E-15 -2.38E-13 2019.685 3.41E-13
0.25000 507.025156 -2821.593 3.39E-13
5.88E-15 -2.55E-13 2161.052 3.38E-13
0.50000 507.025156 -2810.108 3.38E-13
5.88E-15 -2.72E-13 2301.845 3.38E-13
0.75000 507.025156 -2798.622 3.36E-13
5.88E-15 -2.89E-13 2442.063 3.36E-13
1.00000 507.025156 -2787.137 3.36E-13
5.88E-15 -3.06E-13 2581.707

COMB ULO06 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 369.749099 -4618.282 5.58E-13
6.70E-15 -2.12E-13 1832.664 5.57E-13
0.25000 369.749099 -4606.797 5.55E-13
6.70E-15 -2.40E-13 2063.291 5.55E-13
0.50000 369.749099 -4595.311 5.54E-13
6.70E-15 -2.67E-13 2293.344 5.54E-13
0.75000 369.749099 -4583.826 5.54E-13
6.70E-15 -2.95E-13 2522.822 5.53E-13
1.00000 369.749099 -4572.340 5.53E-13
6.70E-15 -3.23E-13 2751.726

COMB ULO06 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 369.749099 -4618.282 5.58E-13
6.70E-15 -2.12E-13 1832.664 5.57E-13
0.25000 369.749099 -4606.797 5.55E-13
6.70E-15 -2.40E-13 2063.291 5.55E-13
0.50000 369.749099 -4595.311 5.54E-13
6.70E-15 -2.67E-13 2293.344 5.54E-13
0.75000 369.749099 -4583.826 5.54E-13
6.70E-15 -2.95E-13 2522.822 5.53E-13
1.00000 369.749099 -4572.340 5.53E-13
6.70E-15 -3.23E-13 2751.726

COMB ULO07 ----- MAX
REL DIST T P M2 V2 M3 V3
0.00000 538.004936 -4616.160 5.58E-13
6.23E-15 -3.29E-13 2783.743 5.57E-13
0.25000 538.004936 -4604.674 5.55E-13
6.23E-15 -3.57E-13 3014.264 5.54E-13
0.50000 538.004936 -4593.189 5.54E-13
6.23E-15 -3.85E-13 3244.211 5.54E-13
0.75000 538.004936 -4581.703 5.52E-13
6.23E-15 -4.13E-13 3473.583 5.52E-13
1.00000 538.004936 -4570.218 5.52E-13
6.23E-15 -4.40E-13 3702.381

COMB ULO07 ----- MIN
REL DIST T P M2 V2 M3 V3
0.00000 538.004936 -4616.160 5.58E-13
6.23E-15 -3.29E-13 2783.743 5.57E-13
0.25000 538.004936 -4604.674 5.55E-13
6.23E-15 -3.57E-13 3014.264 5.54E-13
0.50000 538.004936 -4593.189 5.54E-13
6.23E-15 -3.85E-13 3244.211 5.54E-13
0.75000 538.004936 -4581.703 5.52E-13
6.23E-15 -4.13E-13 3473.583 5.52E-13
1.00000 538.004936 -4570.218 5.52E-13
6.23E-15 -4.40E-13 3702.381
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COMB		ULO12		-----		MIN	
REL	DIST		P		V2		V3
T	M2				M3		
0.00000	440.693029			-3794.318			4.58E-13
6.94E-15				1660.108			
0.25000	440.693029			-3783.275			4.57E-13
7.39E-15	-2.10E-13			1822.408			
0.50000	440.693029			-3772.231			4.56E-13
7.39E-15	-2.33E-13			2010.936			
0.75000	440.693029			-3761.187			4.54E-13
7.39E-15	-2.55E-13			2199.271			
1.00000	440.693029			-3750.143			4.53E-13
7.39E-15	-2.78E-13			2387.055			
COMB		ULO13		-----		MAX	
REL	DIST		P		V2		V3
T	M2				M3		
0.00000	602.477489			-3792.278			4.58E-13
6.94E-15	-3.00E-13			2547.108			
0.25000	602.477489			-3781.234			4.57E-13
6.94E-15	-3.23E-13			2736.445			
0.50000	602.477489			-3770.190			4.55E-13
6.94E-15	-3.46E-13			2925.231			
0.75000	602.477489			-3759.146			4.54E-13
6.94E-15	-3.69E-13			3113.464			
1.00000	602.477489			-3748.103			4.53E-13
6.94E-15	-3.91E-13			3301.146			
COMB		ULO13		-----		MIN	
REL	DIST		P		V2		V3
T	M2				M3		
0.00000	602.477489			-3792.278			4.58E-13
6.94E-15	-3.00E-13			2547.108			
0.25000	602.477489			-3781.234			4.57E-13
6.94E-15	-3.23E-13			2736.445			
0.50000	602.477489			-3770.190			4.55E-13
6.94E-15	-3.46E-13			2925.231			
0.75000	602.477489			-3759.146			4.54E-13
6.94E-15	-3.69E-13			3113.464			
1.00000	602.477489			-3748.103			4.53E-13
6.94E-15	-3.91E-13			3301.146			
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FRAME ELEMENT INTERNAL FORCES							
COMB		ULO14		-----		MAX	
REL	DIST		P		V2		V3
T	M2				M3		
0.00000	325.739730			-2726.155			3.29E-13
6.11E-15	-1.5E-13			1027.500			
0.25000	325.739730			-2715.111			3.28E-13
6.11E-15	-1.32E-13			1163.537			
0.50000	325.739730			-2704.068			3.26E-13
6.11E-15	-1.48E-13			1299.017			
0.75000	325.739730			-2693.024			3.25E-13
6.11E-15	-1.64E-13			1433.944			
1.00000	325.739730			-2681.980			3.24E-13
6.11E-15	-1.81E-13			1568.319			
COMB		ULO14		-----		MIN	
REL	DIST		P		V2		V3
T	M2				M3		
0.00000	325.739730			-2726.155			3.29E-13
6.11E-15	-1.5E-13			1027.500			
0.25000	325.739730			-2715.111			3.28E-13
6.11E-15	-1.32E-13			1163.537			
0.50000	325.739730			-2704.068			3.26E-13
6.11E-15	-1.48E-13			1299.017			
0.75000	325.739730			-2693.024			3.25E-13
6.11E-15	-1.64E-13			1433.944			
1.00000	325.739730			-2681.980			3.24E-1

FRAME ELEMENT INTERNAL FORCES				
COMB		ULO17-----MAX		
REL DIST	T	P M2	V2 M3	V3
0.00000	538.004936	-4616.160		5.58E-13
6.23E-15	-3.29E-13	2783.743		
0.25000	538.004936	-4604.674		5.57E-13
6.23E-15	-3.57E-13	3014.264		
0.50000	538.004936	-4593.189		5.55E-13
6.23E-15	-3.85E-13	3244.21		
0.75000	538.004936	-4581.703		5.54E-13
6.23E-15	-4.13E-13	3473.583		
1.00000	538.004936	-4570.218		5.52E-13
6.23E-15	-4.40E-13	3702.381		
COMB		ULO17-----MIN		
REL DIST	T	P M2	V2 M3	V3
0.00000	538.004936	-4616.160		5.58E-13
6.23E-15	3.29E-13	2783.743		
0.25000	538.004936	-4604.674		5.57E-13
6.23E-15	-3.57E-13	3014.264		
0.50000	538.004936	-4593.189		5.55E-13
6.23E-15	-3.85E-13	3244.211		
0.75000	538.004936	-4581.703		5.54E-13
6.23E-15	-4.13E-13	3473.583		
1.00000	538.004936	-4570.218		5.52E-13
6.23E-15	-4.40E-13	3702.381		
COMB		ULO18-----MAX		
REL DIST	T	P M2	V2 M3	V3
0.00000	514.584559	-2270.216		2.74E-13
5.97E-15	-2.16E-13	1837.466		
0.25000	514.584559	-2259.614		2.73E-13
5.97E-15	-2.29E-13	1950.712		
0.50000	514.584559	-2249.012		2.71E-13
5.97E-15	-2.43E-13	2063.428		
0.75000	514.584559	-2238.410		2.70E-13
5.97E-15	-2.56E-13	2175.613		
1.00000	514.584559	-2227.808		2.69E-13
5.97E-15	-2.70E-13	2287.269		
COMB		ULO18-----MIN		
REL DIST	T	P M2	V2 M3	V3
0.00000	514.584559	-2270.216		2.74E-13
5.97E-15	2.16E-13	1837.466		
0.25000	514.584559	-2259.614		2.73E-13
5.97E-15	-2.29E-13	1950.712		
0.50000	514.584559	-2249.012		2.71E-13
5.97E-15	-2.43E-13	2063.428		
0.75000	514.584559	-2238.410		2.70E-13
5.97E-15	-2.56E-13	2175.613		
1.00000	514.584559	-2227.808		2.69E-13
5.97E-15	-2.70E-13	2287.269		
COMB		UEO01-----MAX		
REL DIST	T	P M2	V2 M3	V3
0.00000	519.614363	-4533.195		5.48E-13
5.97E-15	-3.19E-13	2698.172		
0.25000	519.614363	-4524.360		5.47E-13
5.97E-15	-3.47E-13	2924.611		
0.50000	519.614363	-4515.525		5.46E-13
5.97E-15	-3.74E-13	3150.608		
0.75000	519.614363	-4506.690		5.45E-13
5.97E-15	-4.01E-13	3376.163		
1.00000	519.614363	-4497.855		5.44E-13
5.97E-15	-4.29E-13	3601.277		
COMB		UEO01-----MIN		
REL DIST	T	P M2	V2 M3	V3
0.00000	519.614363	-4533.195		5.48E-13
5.97E-15	3.19E-13	2698.172		
0.25000	519.614363	-4524.360		5.47E-13
5.97E-15	-3.47E-13	2924.611		
0.50000	519.614363	-4515.525		5.46E-13
5.97E-15	-3.74E-13	3150.608		
0.75000	519.614363	-4506.690		5.45E-13
5.97E-15	-4.01E-13	3376.163		
1.00000	519.614363	-4497.855		5.44E-13
5.97E-15	-4.29E-13	3601.277		
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COMB		UEO02-----MAX		
REL DIST	T	P M2	V2 M3	V3
0.00000	321.894688	-2695.954		3.26E-13
3.37E-15	-1.96E-13	1657.395		
0.25000	321.894688	-2687.119		3.25E-13
3.37E-15	-2.12E-13	1791.972		
0.50000	321.894688	-2678.284		3.24E-13
3.37E-15	-2.29E-13	1926.107		
0.75000	321.894688	-2669.449		3.23E-13
3.37E-15	-2.45E-13	2059.801		
1.00000	321.894688	-2660.614		3.22E-13
3.37E-15	-2.61E-13	2193.052		
COMB		UEO02-----MIN		
REL DIST	T	P M2	V2 M3	V3
0.00000	321.894688	-2695.954		3.26E-13
3.37E-15	1.96E-13	1657.395		
0.25000	321.894688	-2687.119		3.25E-13
3.37E-15	-2.12E-13	1791.972		
0.50000	321.894688	-2678.284		3.24E-13
3.37E-15	-2.29E-13	1926.107		
0.75000	321.894688	-2669.449		3.23E-13
3.37E-15	-2.45E-13	2059.801		
1.00000	321.894688	-2660.614		3.22E-13
3.37E-15	-2.61E-13	2193.052		
COMB		UEO03-----MAX		
REL DIST	T	P M2	V2 M3	V3
0.00000	460.907790	-1650.085		1.99E-13
5.34E-15	-1.75E-13	1493.54		
0.25000	460.907790	-1641.250		1.98E-13
5.34E-15	-1.85E-13	1575.830		
0.50000	460.907790	-1632.415		1.97E-13
5.34E-15	-1.95E-13	1657.672		
0.75000	460.907790	-1623.395		1.96E-13
5.34E-15	-2.04E-13	1739.072		
1.00000	460.907790	-1614.745		1.95E-13
5.34E-15	-2.14E-13	1820.030		

0.00000	460.907790	-1650.085	1.99E-13
0.34E-15	1775.93	1493.547	
0.25000	460.907790	-1641.250	1.98E-13
0.34E-15	185E-13	1575.830	
0.50000	460.907790	-1632.415	1.97E-13
0.34E-15	195E-13	1657.672	
0.75000	460.907790	-1623.580	1.96E-13
0.34E-15	204E-13	1739.072	
1.00000	460.907790	-1614.745	1.95E-13
0.34E-15	214E-13	1820.030	
COMB	UE004	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	530.017772	-3134.653	3.79E-13
0.09E-15	-2.53E-13	2151.950	
0.25000	530.017772	-3125.818	3.77E-13
0.09E-15	-2.53E-13	2308.462	
0.50000	530.017772	-3116.983	3.76E-13
0.09E-15	-2.91E-13	2464.532	
0.75000	530.017772	-3108.148	3.75E-13
0.09E-15	-3.10E-13	2620.161	
1.00000	530.017772	-3099.313	3.74E-13
0.09E-15	-3.29E-13	2775.347	
COMB	UE004	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	530.017772	-3134.653	3.79E-13
0.09E-15	-2.53E-13	2151.950	
0.25000	530.017772	-3125.818	3.77E-13
0.09E-15	-2.72E-13	2308.462	
0.50000	530.017772	-3116.983	3.76E-13
0.09E-15	-2.91E-13	2464.532	
0.75000	530.017772	-3108.148	3.75E-13
0.09E-15	-3.10E-13	2620.161	
1.00000	530.017772	-3099.313	3.74E-13
0.09E-15	-3.29E-13	2775.347	
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COMB	UE005	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	410.466340	-2023.763	2.44E-13
0.75E-15	-1.79E-13	1522.644	
0.25000	410.466340	-2014.928	2.43E-13
0.75E-15	-1.91E-13	1623.611	
0.50000	410.466340	-2006.093	2.42E-13
0.75E-15	-2.03E-13	1724.137	
0.75000	410.466340	-1997.258	2.41E-13
0.75E-15	-2.15E-13	1824.220	
1.00000	410.466340	-1988.423	2.40E-13
0.75E-15	-2.27E-13	1923.862	
COMB	UE005	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	410.466340	-2023.763	2.44E-13
0.75E-15	-1.79E-13	1522.644	
0.25000	410.466340	-2014.928	2.43E-13
0.75E-15	-1.91E-13	1623.611	
0.50000	410.466340	-2006.093	2.42E-13
0.75E-15	-2.03E-13	1724.137	
0.75000	410.466340	-1997.258	2.41E-13
0.75E-15	-2.15E-13	1824.220	
1.00000	410.466340	-1988.423	2.40E-13
0.75E-15	-2.27E-13	1923.862	
COMB	UE006	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	273.190282	-3808.966	4.60E-13
0.57E-15	-1.53E-13	1335.623	
0.25000	273.190282	-3800.131	4.59E-13
0.57E-15	-1.76E-13	1525.850	
0.50000	273.190282	-3791.296	4.58E-13
0.57E-15	-1.99E-13	1715.636	
0.75000	273.190282	-3782.461	4.57E-13
0.57E-15	-2.22E-13	1904.980	
1.00000	273.190282	-3773.626	4.56E-13
0.57E-15	-2.45E-13	2093.882	
COMB	UE006	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	273.190282	-3808.966	4.60E-13
0.57E-15	-1.53E-13	1335.623	
0.25000	273.190282	-3800.131	4.59E-13
0.57E-15	-1.76E-13	1525.850	
0.50000	273.190282	-3791.296	4.58E-13
0.57E-15	-1.99E-13	1715.636	
0.75000	273.190282	-3782.461	4.57E-13
0.57E-15	-2.22E-13	1904.980	
1.00000	273.190282	-3773.626	4.56E-13
0.57E-15	-2.45E-13	2093.882	
COMB	UE007	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	441.46120	-3806.844	4.60E-13
0.10E-15	-2.71E-13	2286.702	
0.25000	441.46120	-3798.009	4.59E-13
0.10E-15	-2.94E-13	2476.823	
0.50000	441.46120	-3789.174	4.58E-13
0.10E-15	-3.17E-13	2666.503	
0.75000	441.46120	-3780.339	4.57E-13
0.10E-15	-3.39E-13	2855.741	
1.00000	441.46120	-3771.504	4.56E-13
0.10E-15	-3.62E-13	3044.537	
COMB	UE007	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	441.46120	-3806.844	4.60E-13
0.10E-15	-2.71E-13	2286.702	
0.25000	441.46120	-3798.009	4.59E-13
0.10E-15	-2.94E-13	2476.823	
0.50000	441.46120	-3789.174	4.58E-13
0.10E-15	-3.17E-13	2666.503	
0.75000	441.46120	-3780.339	4.57E-13
0.10E-15	-3.39E-13	2855.741	
1.00000	441.46120	-3771.504	4.56E-13
0.10E-15	-3.62E-13	3044.537	
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REL DIST	P	V2	V3
0.00000	153.638850	-2698.077	3.26E-13
2.4E-15	-7.84E-14	706.316159	
0.25000	153.638850	-2689.242	3.25E-13
2.4E-15	-9.46E-14	840.999119	
0.50000	153.638850	-2680.407	3.24E-13
2.4E-15	-1.11E-13	975.240329	
0.75000	153.638850	-2671.572	3.23E-13
2.4E-15	-1.27E-13	1109.404	
1.00000	153.638850	-2662.737	3.22E-13
2.4E-15	-1.43E-13	1242.397	
COMB	UEO08	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	153.638850	-2698.077	3.26E-13
2.4E-15	-7.84E-14	706.316159	
0.25000	153.638850	-2689.242	3.25E-13
2.4E-15	-9.46E-14	840.999119	
0.50000	153.638850	-2680.407	3.24E-13
2.4E-15	-1.11E-13	975.240329	
0.75000	153.638850	-2671.572	3.23E-13
2.4E-15	-1.27E-13	1109.404	
1.00000	153.638850	-2662.737	3.22E-13
2.4E-15	-1.43E-13	1242.397	
COMB	UEO09	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.894688	-2695.954	3.26E-13
7.7E-15	-1.96E-13	1657.395	
0.25000	321.894688	-2687.119	3.25E-13
7.7E-15	-1.12E-13	1791.972	
0.50000	321.894688	-2678.284	3.24E-13
7.7E-15	-2.29E-13	1926.107	
0.75000	321.894688	-2669.449	3.23E-13
7.7E-15	-2.45E-13	2059.801	
1.00000	321.894688	-2660.614	3.22E-13
7.7E-15	-2.61E-13	2193.052	
COMB	UEO09	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.894688	-2695.954	3.26E-13
7.7E-15	-1.96E-13	1657.395	
0.25000	321.894688	-2687.119	3.25E-13
7.7E-15	-1.12E-13	1791.972	
0.50000	321.894688	-2678.284	3.24E-13
7.7E-15	-2.29E-13	1926.107	
0.75000	321.894688	-2669.449	3.23E-13
7.7E-15	-2.45E-13	2059.801	
1.00000	321.894688	-2660.614	3.22E-13
7.7E-15	-2.61E-13	2193.052	
COMB	UEO10	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	277.682307	-1557.534	1.88E-13
5.4E-15	-5.26E-14	502.486832	
0.25000	277.682307	-1549.140	1.87E-13
5.4E-15	-6.20E-14	580.153687	
0.50000	277.682307	-1540.747	1.86E-13
5.4E-15	-7.13E-14	657.400880	
0.75000	277.682307	-1532.354	1.85E-13
5.4E-15	-8.05E-14	734.228411	
1.00000	277.682307	-1523.961	1.84E-13
5.4E-15	-8.97E-14	810.636279	
COMB	UEO10	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	277.682307	-1557.534	1.88E-13
5.4E-15	-5.26E-14	502.486832	
0.25000	277.682307	-1549.140	1.87E-13
5.4E-15	-6.20E-14	580.153687	
0.50000	277.682307	-1540.747	1.86E-13
5.4E-15	-7.13E-14	657.400880	
0.75000	277.682307	-1532.354	1.85E-13
5.4E-15	-8.05E-14	734.228411	
1.00000	277.682307	-1523.961	1.84E-13
5.4E-15	-8.97E-14	810.636279	
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COMB	UEO11	-----	MAX
REL DIST	P	V2	V3
T	M2	M3	
0.00000	439.466766	-1555.493	1.87E-13
0.09E-15	-1.66E-13	1416.986	
0.25000	439.466766	-1547.100	1.86E-13

6.26E-15	-1.64E-13	1433.228		
0.75000	344.134213	-2959.823	3.57E-13	
6.26E-15	-1.82E-13	1581.429		
1.00000	344.134213	2951.430	3.56E-13	
6.26E-15	-2.00E-13	1729.210		
COMB UEO13 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	505.918672	-2982.962	3.60E-13	
5.81E-15	-2.41E-13	2050.066		
0.25000	505.918672	-2974.569	3.59E-13	
5.81E-15	-2.59E-13	2199.004		
0.50000	505.918672	-2966.175	3.58E-13	
5.81E-15	-2.77E-13	2347.523		
0.75000	505.918672	-2957.782	3.57E-13	
5.81E-15	-2.95E-13	2495.622		
1.00000	505.918672	-2949.389	3.56E-13	
5.81E-15	-3.13E-13	2643.301		
COMB UEO13 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	505.918672	-2982.962	3.60E-13	
5.81E-15	-2.41E-13	2050.066		
0.25000	505.918672	-2974.569	3.59E-13	
5.81E-15	-2.59E-13	2199.004		
0.50000	505.918672	-2966.175	3.58E-13	
5.81E-15	-2.77E-13	2347.523		
0.75000	505.918672	-2957.782	3.57E-13	
5.81E-15	-2.95E-13	2495.622		
1.00000	505.918672	-2949.389	3.56E-13	
5.81E-15	-3.13E-13	2643.301		
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COMB UEO14 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	229.180913	-1916.839	2.31E-13	
4.98E-15	-5.65E-14	530.464418		
0.25000	229.180913	-1908.446	2.30E-13	
4.98E-15	-6.81E-14	626.096555		
0.50000	229.180913	-1900.053	2.29E-13	
4.98E-15	-7.95E-14	721.309029		
0.75000	229.180913	-1891.660	2.28E-13	
4.98E-15	-9.10E-14	816.101841		
1.00000	229.180913	-1883.266	2.27E-13	
4.98E-15	-1.02E-13	910.474991		
COMB UEO14 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	229.180913	-1916.839	2.31E-13	
4.98E-15	-5.65E-14	530.464418		
0.25000	229.180913	-1908.446	2.30E-13	
4.98E-15	-6.81E-14	626.096555		
0.50000	229.180913	-1900.053	2.29E-13	
4.98E-15	-7.95E-14	721.309029		
0.75000	229.180913	-1891.660	2.28E-13	
4.98E-15	-9.10E-14	816.101841		
1.00000	229.180913	-1883.266	2.27E-13	
4.98E-15	-1.02E-13	910.474991		
COMB UEO15 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	390.965372	-1914.799	2.31E-13	
4.53E-15	-1.70E-13	1444.964		
0.25000	390.965372	-1906.405	2.30E-13	
4.53E-15	-1.81E-13	1540.494		
0.50000	390.965372	-1898.012	2.29E-13	
4.53E-15	-1.93E-13	1635.604		
0.75000	390.965372	-1889.619	2.28E-13	
4.53E-15	-2.04E-13	1730.295		
1.00000	390.965372	-1881.226	2.27E-13	
4.53E-15	-2.16E-13	1824.566		
COMB UEO15 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	390.965372	-1914.799	2.31E-13	
4.53E-15	-1.70E-13	1444.964		
0.25000	390.965372	-1906.405	2.30E-13	
4.53E-15	-1.81E-13	1540.494		
0.50000	390.965372	-1898.012	2.29E-13	
4.53E-15	-1.93E-13	1635.604		
0.75000	390.965372	-1889.619	2.28E-13	
4.53E-15	-2.04E-13	1730.295		
1.00000	390.965372	-1881.226	2.27E-13	
4.53E-15	-2.16E-13	1824.566		
COMB UEO16 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	321.887311	-2696.362	3.26E-13	
3.76E-15	-1.96E-13	1657.259		
0.25000	321.887311	-2687.527	3.25E-13	
3.76E-15	-2.12E-13	1791.856		
0.50000	321.887311	-2678.692	3.24E-13	
3.76E-15	-2.29E-13	1926.012		
0.75000	321.887311	-2669.857	3.23E-13	
3.76E-15	-2.45E-13	2059.725		
1.00000	321.887311	-2661.022	3.22E-13	
3.76E-15	-2.61E-13	2192.997		
COMB UEO16 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	321.887311	-2696.362	3.26E-13	
3.76E-15	-1.96E-13	1657.259		
0.25000	321.887311	-2687.527	3.25E-13	
3.76E-15	-2.12E-13	1791.856		
0.50000	321.887311	-2678.692	3.24E-13	
3.76E-15	-2.29E-13	1926.012		
0.75000	321.887311	-2669.857	3.23E-13	
3.76E-15	-2.45E-13	2059.725		
1.00000	321.887311	-2661.022	3.22E-13	
3.76E-15	-2.61E-13	2192.997		
COMB UEO16 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	321.887311	-2696.362	3.26E-13	
3.76E-15	-1.96E-13	1657.259		
0.25000	321.887311	-2687.527	3.25E-13	
3.76E-15	-2.12E-13	1791.856		
0.50000	321.887311	-2678.692	3.24E-13	
3.76E-15	-2.29E-13	1926.012		
0.75000	321.887311	-2669.857	3.23E-13	
3.76E-15	-2.45E-13	2059.725		
1.00000	321.887311	-2661.022	3.22E-13	
3.76E-15	-2.61E-13	2192.997		
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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 UEO17 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	441.446120	-3806.844	4.60E-13	
5.10E-15	-2.71E-13	2286.702		
0.25000	441.446120	-3798.009	4.59E-13	
5.10E-15	-2.94E-13	2476.823		
0.50000	441.446120	-3789.174	4.58E-13	
5.10E-15	-3.17E-13	2666.503		
0.75000	441.446120	-3780.339	4.57E-13	
5.10E-15	-3.39E-13	2855.741		
1.00000	441.446120	-3771.504	4.56E-13	
5.10E-15	-3.62E-13	3044.537		
COMB UEO17 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	441.446120	-3806.844	4.60E-13	
5.10E-15	-2.71E-13	2286.702		
0.25000	441.446120	-3798.009	4.59E-13	
5.10E-15	-2.94E-13	2476.823		
0.50000	441.446120	-3789.174	4.58E-13	
5.10E-15	-3.17E-13	2666.503		
0.75000	441.446120	-3780.339	4.57E-13	
5.10E-15	-3.39E-13	2855.741		
1.00000	441.446120	-3771.504	4.56E-13	
5.10E-15	-3.62E-13	3044.537		
COMB UEO18 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	418.025743	-1460.901	1.76E-13	
4.84E-15	-1.57E-13	1340.425		
0.25000	418.025743	-1452.949	1.75E-13	
4.84E-15	-1.66E-13	1413.271		
0.50000	418.025743	-1442.998	1.74E-13	
4.84E-15	-1.74E-13	1485.720		
0.75000	418.025743	-1437.046	1.73E-13	
4.84E-15	-1.83E-13	1557.771		
1.00000	418.025743	-1429.095	1.72E-13	
4.84E-15	-1.92E-13	1629.424		
COMB UEO18 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	418.025743	-1460.901	1.76E-13	
4.84E-15	-1.57E-13	1340.425		
0.25000	418.025743	-1452.949	1.75E-13	
4.84E-15	-1.66E-13	1413.271		
0.50000	418.025743	-1442.998	1.74E-13	
4.84E-15	-1.74E-13	1485.720		
0.75000	418.025743	-1437.046	1.73E-13	
4.84E-15	-1.83E-13	1557.771		
1.00000	418.025743	-1429.095	1.72E-13	
4.84E-15	-1.92E-13	1629.424		
COMB ENVBULT ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	616.141214	-5344.275	6.46E-13	
7.10E-15	-3.78E-13	3194.623		
0.25000	616.141214	-5332.790	6.45E-13	
7.10E-15	-4.10E-13	3461.549		
0.50000	616.141214	-5321.304	6.43E-13	
7.10E-15	-4.43E-13	3727.902		
0.75000	616.141214	-5309.819	6.42E-13	
7.10E-15	-4.75E-13	3993.680		
1.00000	616.141214	-5298.333	6.40E-13	
7.10E-15	-5.07E-13	4258.883		
COMB ENVBULT ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	616.141214	-5344.275	6.46E-13	
7.10E-15	-3.78E-13	3194.623		
0.25000	616.141214	-5332.790	6.45E-13	
7.10E-15	-4.10E-13	3461.549		
0.50000	616.141214	-5321.304	6.43E-13	
7.10E-15	-4.43E-13	3727.902		
0.75000	616.141214	-5309.819	6.42E-13	
7.10E-15	-4.75E-13	3993.680		
1.00000	616.141214	-5298.333	6.40E-13	
7.10E-15	-5.07E-13	4258.883		
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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 ENVBECC ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	441.446120	-3806.844	4.60E-13	
5.10E-15	-2.71E-13	2286.702		
0.25000	441.446120	-3798.009	4.59E-13	
5.10E-15	-2.94E-13	2476.823		
0.50000	441.446120	-3789.174	4.58E-13	
5.10E-15	-3.17E-13	2666.503		
0.75000	441.446120	-3780.339	4.57E-13	
5.10E-15	-3.39E-13	2855.741		
1.00000	441.446120	-3771.504	4.56E-13	
5.10E-15	-3.62E-13	3044.537		
COMB ENVBECC ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	441.446120	-3806.844	4.60E-13	
5.10E-15	-2.71E-13	2286.702		
0.25000	441.446120	-3798.009	4.59E-13	
5.10E-15	-2.94E-13	2476.823		
0.50000	441.446120	-3789.174	4.58E-13	
5.10E-15	-3.17E-13	2666.503		
0.75000	441.446120	-3780.339	4.57E-13	
5.10E-15	-3.39E-13	2855.741		
1.00000	441.446120	-3771.504	4.56E-13	
5.10E-15	-3.62E-13	3044.537		
COMB ENVOULT ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	519.582397	-2697.719	5.48E-13	
5.97E-15	-1.96E-13	2697.581		
0.25000	519.582397	-2688.884	5.47E-13	
5.97E-15	-2.12E-13	2924.108		
0.50000	519.582397	-2680.049	5.46E-13	
5.97E-15	-2.29E-13	3150.194		
0.75000	519.582397	-2671.214	5.45E-13	
5.97E-15	-2.45E-13	3375.837		
1.00000	519.582397	-2662.299	5.44E-13	
5.97E-15	-2.61E-13	3601.039		
COMB ENVOULT ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000				

0.75000	321.862722	2627.076	1.833897
24.152553	12.074649	1800.741	
1.00000	321.862722	2635.911	2.187297
24.152553	11.974119	1669.166	
COMB	SVB03	-----	MIN
REL DIST	P	M2	V3
T	M2	M3	
0.00000	321.862722	2600.571	0.773697
24.152553	12.270219	2192.814	
0.25000	321.862722	2609.406	1.127097
24.152553	12.222699	2602.565	
0.50000	321.862722	2618.241	1.480497
24.152553	12.157509	1931.874	
0.75000	321.862722	2627.076	1.833897
24.152553	12.074649	1800.741	
1.00000	321.862722	2635.911	2.187297
24.152553	11.974119	1669.166	
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L F O R C E S

COMB	SVB04	-----	MAX
REL DIST	P	M2	V3
T	M2	M3	
0.00000	413.825362	3414.901	0.386848
12.076277	6.135109	2847.803	
0.25000	413.825362	3423.736	0.563548
12.076277	6.111349	2676.837	
0.50000	413.825362	3432.571	0.740248
12.076277	6.078754	2505.429	
0.75000	413.825362	3441.406	0.916948
12.076277	6.037325	2333.580	
1.00000	413.825362	3450.241	1.093648
12.076277	5.987060	2161.289	

COMB	SVB04	-----	MIN
REL DIST	P	M2	V3
T	M2	M3	
0.00000	413.825362	3414.901	0.386848
12.076277	6.135109	2847.803	
0.25000	413.825362	3423.736	0.563548
12.076277	6.111349	2676.837	
0.50000	413.825362	3432.571	0.740248
12.076277	6.078754	2505.429	
0.75000	413.825362	3441.406	0.916948
12.076277	6.037325	2333.580	
1.00000	413.825362	3450.241	1.093648
12.076277	5.987060	2161.289	

COMB	SVB05	-----	MAX
REL DIST	P	M2	V3
T	M2	M3	
0.00000	321.862722	2600.571	0.386848
12.076277	6.135109	2192.814	
0.25000	321.862722	2609.406	0.563548
12.076277	6.111349	2062.565	
0.50000	321.862722	2618.241	0.740248
12.076277	6.078754	2505.429	
0.75000	321.862722	2627.076	0.916948
12.076277	6.037325	2333.580	
1.00000	321.862722	2635.911	1.093648
12.076277	5.987060	2161.289	

COMB	SVB05	-----	MAX
REL DIST	P	M2	V3
T	M2	M3	
0.00000	321.862722	2600.571	0.386848
12.076277	6.135109	2192.814	
0.25000	321.862722	2609.406	0.563548
12.076277	6.111349	2062.565	
0.50000	321.862722	2618.241	0.740248
12.076277	6.078754	2505.429	
0.75000	321.862722	2627.076	0.916948
12.076277	6.037325	2333.580	
1.00000	321.862722	2635.911	1.093648
12.076277	5.987060	1669.166	

COMB	SVB05	-----	MIN
REL DIST	P	M2	V3
T	M2	M3	
0.00000	321.862722	2600.571	0.386848
12.076277	6.135109	2192.814	
0.25000	321.862722	2609.406	0.563548
12.076277	6.111349	2062.565	
0.50000	321.862722	2618.241	0.740248
12.076277	6.078754	1931.874	
0.75000	321.862722	2627.076	0.916948
12.076277	6.037325	1800.741	
1.00000	321.862722	2635.911	1.093648
12.076277	5.987060	1669.166	

COMB	SVB06	-----	MAX
REL DIST	P	M2	V3
T	M2	M3	
0.00000	413.825362	3414.901	131.604142
180.762836	-8.799092	2847.803	
0.25000	413.825362	3423.736	131.604142
180.762836	-15.379299	2676.837	
0.50000	413.825362	3432.571	131.604142
180.762836	-21.959506	2505.429	
0.75000	413.825362	3441.406	131.604142
180.762836	-28.539714	2333.580	
1.00000	413.825362	3450.241	131.604142
180.762836	-35.119921	2161.289	

COMB	SVB06	-----	MIN
REL DIST	P	M2	V3
T	M2	M3	
0.00000	413.825362	3414.901	131.604142
180.762836	-8.799092	2847.803	
0.25000	413.825362	3423.736	131.604142
180.762836	-15.379299	2676.837	
0.50000	413.825362	3432.571	131.604142
180.762836	-21.959506	2505.429	
0.75000	413.825362	3441.406	131.604142
180.762836	-28.539714	2333.580	
1.00000	413.825362	3450.241	131.604142
180.762836	-35.119921	2161.289	
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L F O R C E S

COMB	SVB07	-----	MAX
REL DIST	P	M2	V3
T	M2	M3	
0.00000	413.825362	3414.901	-4.14E-13
4.79E-15	-3.39E-13	2847.803	
0.25000	413.825362	3423.736	-4.16E-13
4.79E-15	-3.18E-13	2676.837	
0.50000	413.825362	3432.571	-4.17E-13
4.79E-15	-2.97E-13	2505.429	
0.75000	413.825362	3441.406	-4.18E-13
4.79E-15	-2.76E-13	2333.580	
1.00000	413.825362	3450.241	-4.19E-13
4.79E-15	-2.56E-13	2161.289	

COMB	SVB07	-----	MIN
REL DIST	P	M2	V3
T	M2	M3	
0.00000	413.825362	3414.901	-4.14E-13
4.79E-15	-3.39E-13	2847.803	
0.25000	413.825362	3423.736	-4.16E-13
4.79E-15	-3.18E-13	2676.837	

0.50000	413.825362	3432.571	-4.17E-13
4.79E-15	-2.97E-13	2505.429	
0.75000	413.825362	3441.406	-4.18E-13
4.79E-15	-2.76E-13	2333.580	
1.00000	413.825362	3450.241	-4.19E-13
4.79E-15	-2.56E-13	2161.289	
COMB	SVB08	-----	MAX
REL DIST	P	M2	V3
T	M2	M3	
0.00000	321.862722	2600.571	131.604142
180.762836	-8.799092	2192.814	
0.25000	321.862722	2609.406	131.604142
180.762836	-15.379299	2062.565	
0.50000	321.862722	2618.241	131.604142
180.762836	-21.959506	1931.874	
0.75000	321.862722	2627.076	131.604142
180.762836	-28.539714	1800.741	
1.00000	321.862722	2635.911	131.604142
180.762836	-35.119921	1669.166	

COMB	SVB08	-----	MIN
REL DIST	P	M2	V3
T	M2	M3	
0.00000	321.862722	2600.571	131.604142
180.762836	-8.799092	2192.814	
0.25000	321.862722	2609.406	131.604142
180.762836	-15.379299	2062.565	
0.50000	321.862722	2618.241	131.604142
180.762836	-21.959506	1931.874	
0.75000	321.862722	2627.076	131.604142
180.762836	-28.539714	1800.741	
1.00000	321.862722	2635.911	131.604142
180.762836	-35.119921	1669.166	

COMB	SVB09	-----	MAX
REL DIST	P	M2	V3
T	M2	M3	
0.00000	321.862722	2600.571	-3.16E-13
3.76E-15	-2.61E-13	2192.814	
0.25000	321.862722	2609.406	-3.17E-13
3.76E-15	-2.45E-13	2062.565	
0.50000	321.862722	2618.241	-3.18E-13
3.76E-15	-2.29E-13	1931.874	
0.75000	321.862722	2627.076	-3.19E-13
3.76E-15	-2.13E-13	1800.741	
1.00000	321.862722	2635.911	-3.20E-13
3.76E-15	-1.97E-13	1669.166	

COMB	SVB09	-----	MIN
REL DIST	P	M2	V3
T	M2	M3	
0.00000	321.862722	2600.571	-3.16E-13
3.76E-15	-2.61E-13	2192.814	
0.25000	321.862722	2609.406	-3.17E-13
3.76E-15	-2.45E-13	2062.565	
0.50000	321.862722	2618.241	-3.18E-13
3.76E-15	-2.29E-13	1931.874	
0.75000	321.862722	2627.076	-3.19E-13
3.76E-15	-2.13E-13	1800.741	
1.00000	321.862722	2635.911	-3.20E-13
3.76E-15	-1.97E-13	1669.166	
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L F O R C E S

COMB	SVB10	-----	MAX
REL DIST	P	M2	V3
T	M2	M3	
0.00000	321.862722	2600.571	132.377838
204.915390	3.471126	2192.814	
0.25000	321.862722	2609.406	132.731238
204.915390	-3.156601	2062.565	
0.50000	321.862722	2618.241	133.084638
204.915390	-9.801997	1931.874	
0.75000	321.862722	2627.076	133.438038
204.915390	-16.465064	1800.741	
1.00000	321.862722	2635.911	133.791438
204.915390	-23.145801	1669.166	

COMB	SVB10	-----	MIN
REL DIST	P	M2	V3
T	M2	M3	
0.00000	321.862722	2600.571	132.377838
204.915390	3.471126	2192.814	
0.25000	321.862722	2609.406	132.731238
204.915390	-3.156601	2062.565	
0.50000	321.862722	2618.241	133.084638
204.915390	-9.801997	1931.874	
0.75000	321.862722	2627.076	133.438038
204.915390	-16.465064	1800.741	
1.00000	321.862722	2635.911	133.791438
204.915390	-23.145801	1669.166	

COMB	SVB11	-----	MAX
REL DIST	P	M2	V3
T	M2	M3	
0.00000	321.862722	2600.571	0.773697
24.152553	12.270219	2192.814	
0.25000	321.862722	2609.406	1.127097
24.152553	12.222699	2602.565	
0.50000	321.862722	2618.241	1.480497
24.152553	12.157509	1931.874	
0.75000	321.862722	2627.076	1.833897
24.152553	12.074649	1800.741	
1.00000	321.862722	2635.911	2.187297
24.152553	11.974119	1669.166	

COMB	SVB11	-----	MIN
REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	2600.571	0.773697
24.152553	12.270219	2192.814	
0.25000	321.862722	2609.406	1.127097
24.152553	12.222699	2602.565	
0.50000	321.862722	2618.241	1.480497
24.152553	12.157509	1931.874	
0.75000	321.862722	2627.076	1.833897
24.152553	12.074649	1800.741	
1.00000	321.862722	2635.911	2.187297
24.152553	11.974119	1669.166	

234.991687 -11.438820 3702.143
0.25000 537.972970 4450.856 171.085384
234.991687 -19.993089 3479.888
0.50000 537.972970 4462.342 171.085384
234.991687 -28.547358 3257.058
0.75000 537.972970 4473.827 171.085384
234.991687 -37.101628 3033.654
1.00000 537.972970 4485.313 171.085384
234.991687 -45.655897 2809.675
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L F O R C E S

COMB ULB07 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 537.972970 4439.371 -5.39E-13
6.23E-15 -4.40E-13 3702.143
0.25000 537.972970 4450.856 -5.40E-13
6.23E-15 -4.13E-13 3479.888
0.50000 537.972970 4462.342 -5.42E-13
6.23E-15 -3.86E-13 3257.058
0.75000 537.972970 4473.827 -5.43E-13
6.23E-15 -3.59E-13 3033.654
1.00000 537.972970 4485.313 -5.44E-13
6.23E-15 -3.32E-13 2809.675

COMB ULB07 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 537.972970 4439.371 -5.39E-13
6.23E-15 -4.40E-13 3702.143
0.25000 537.972970 4450.856 -5.40E-13
6.23E-15 -4.13E-13 3479.888
0.50000 537.972970 4462.342 -5.42E-13
6.23E-15 -3.86E-13 3257.058
0.75000 537.972970 4473.827 -5.43E-13
6.23E-15 -3.59E-13 3033.654
1.00000 537.972970 4485.313 -5.44E-13
6.23E-15 -3.32E-13 2809.675

COMB ULB08 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 418.421538 3380.743 171.085384
234.991687 -11.438820 2850.659
0.25000 418.421538 3392.228 171.085384
234.991687 -19.993089 2681.335
0.50000 418.421538 3403.714 171.085384
234.991687 -28.547358 2511.436
0.75000 418.421538 3415.199 171.085384
234.991687 -37.101628 2340.963
1.00000 418.421538 3426.685 171.085384
234.991687 -45.655897 2169.916

COMB ULB08 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 418.421538 3380.743 171.085384
234.991687 -11.438820 2850.659
0.25000 418.421538 3392.228 171.085384
234.991687 -19.993089 2681.335
0.50000 418.421538 3403.714 171.085384
234.991687 -28.547358 2511.436
0.75000 418.421538 3415.199 171.085384
234.991687 -37.101628 2340.963
1.00000 418.421538 3426.685 171.085384
234.991687 -45.655897 2169.916

COMB ULB09 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 418.421538 3380.743 -4.10E-13
4.89E-15 -3.39E-13 2850.659
0.25000 418.421538 3392.228 -4.12E-13
4.89E-15 -3.19E-13 2681.335
0.50000 418.421538 3403.714 -4.13E-13
4.89E-15 -2.98E-13 2511.436
0.75000 418.421538 3415.199 -4.14E-13
4.89E-15 -2.77E-13 2340.963
1.00000 418.421538 3426.685 -4.16E-13
4.89E-15 -2.56E-13 2169.916

COMB ULB09 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 418.421538 3380.743 -4.10E-13
4.89E-15 -3.39E-13 2850.659
0.25000 418.421538 3392.228 -4.12E-13
4.89E-15 -3.19E-13 2681.335
0.50000 418.421538 3403.714 -4.13E-13
4.89E-15 -2.98E-13 2511.436
0.75000 418.421538 3415.199 -4.14E-13
4.89E-15 -2.77E-13 2340.963
1.00000 418.421538 3426.685 -4.16E-13
4.89E-15 -2.56E-13 2169.916
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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 ULB10 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 402.328402 3250.714 165.472298
256.144237 4.338908 2741.018
0.25000 402.328402 3261.758 165.914048
256.144237 -3.945751 2578.206
0.50000 402.328402 3272.802 166.355798
256.144237 -12.252497 2414.842
0.75000 402.328402 3283.845 166.797548
256.144237 -20.581331 2250.926
1.00000 402.328402 3294.889 167.239298
256.144237 -28.932252 2086.458

COMB ULB10 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 402.328402 3250.714 165.472298
256.144237 4.338908 2741.018
0.25000 402.328402 3261.758 165.914048
256.144237 -3.945751 2578.206
0.50000 402.328402 3272.802 166.355798
256.144237 -12.252497 2414.842
0.75000 402.328402 3283.845 166.797548
256.144237 -20.581331 2250.926
1.00000 402.328402 3294.889 167.239298
256.144237 -28.932252 2086.458

COMB ULB11 ----- MAX

REL DIST T P M2 M3 V2 V3

T M2 M3
0.00000 402.328402 3250.714 0.967121
30.190692 15.337773 2741.018
0.25000 402.328402 3261.758 1.408871
30.190692 15.278374 2578.206
0.50000 402.328402 3272.802 1.850621
30.190692 15.196886 2414.842
0.75000 402.328402 3283.845 2.292371
30.190692 15.093311 2250.926
1.00000 402.328402 3294.889 2.734121
30.190692 14.967649 2086.458

COMB ULB11 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 402.328402 3250.714 0.967121
30.190692 15.337773 2741.018
0.25000 402.328402 3261.758 1.408871
30.190692 15.278374 2578.206 1.850621
30.190692 15.196886 2414.842
0.75000 402.328402 3283.845 2.292371
30.190692 15.093311 2250.926 2.734121
30.190692 14.967649 2086.458

COMB ULB12 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 517.281702 4268.626 164.988738
241.048891 3.329979 3559.753
0.25000 517.281702 4279.670 165.209613
241.048891 -11.584937 3346.046
0.50000 517.281702 4290.713 165.430488
241.048891 -19.850940 3131.786
0.75000 517.281702 4301.757 165.651363
241.048891 -28.127986 2916.975
1.00000 517.281702 4312.801 165.872238
241.048891 -36.416076 2701.611

COMB ULB12 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 517.281702 4268.626 164.988738
241.048891 -3.329979 3559.753
0.25000 517.281702 4279.670 165.209613
241.048891 -11.584937 3346.046
0.50000 517.281702 4290.713 165.430488
241.048891 -19.850940 3131.786
0.75000 517.281702 4301.757 165.651363
241.048891 -28.127986 2916.975
1.00000 517.281702 4312.801 165.872238
241.048891 -36.416076 2701.611
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L F O R C E S

COMB ULB13 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 517.281702 4268.626 0.483560
15.095346 7.668887 3559.753
0.25000 517.281702 4279.670 0.704435
15.095346 7.639187 3346.046
0.50000 517.281702 4290.713 0.925310
15.095346 7.598443 3131.786
0.75000 517.281702 4301.757 1.146185
15.095346 7.546656 2916.975
1.00000 517.281702 4312.801 1.367060
15.095346 7.483825 2701.611

COMB ULB13 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 517.281702 4268.626 0.483560
15.095346 7.668887 3559.753
0.25000 517.281702 4279.670 0.704435
15.095346 7.639187 3346.046
0.50000 517.281702 4290.713 0.925310
15.095346 7.598443 3131.786
0.75000 517.281702 4301.757 1.146185
15.095346 7.546656 2916.975
1.00000 517.281702 4312.801 1.367060
15.095346 7.483825 2701.611

COMB ULB14 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 517.281702 4268.626 0.483560
15.095346 7.668887 3559.753
0.25000 517.281702 4279.670 0.704435
15.095346 7.639187 3346.046
0.50000 517.281702 4290.713 0.925310
15.095346 7.598443 3131.786
0.75000 517.281702 4301.757 1.146185
15.095346 7.546656 2916.975
1.00000 517.281702 4312.801 1.367060
15.095346 7.483825 2701.611

COMB ULB14 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 402.328402 3250.714 164.988738
241.048891 3.329979 2741.018
0.25000 402.328402 3261.758 165.209613
241.048891 -11.584937 2578.206 165.430488
0.50000 402.328402 3272.802 165.651363
241.048891 -19.850940 2414.842
0.75000 402.328402 3283.845 165.872238
241.048891 -28.127986 2250.926
1.00000 402.328402 3294.889 165.872238
241.048891 -36.416076 2086.458

COMB ULB15 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 402.328402 3250.714 0.483560
15.095346 7.668887 2741.018
0.25000 402.328402 3261.758 0.704435
15.095346 7.639187 2578.206 0.925310
0.50000 402.328402 3272.802 1.146185
15.095346 7.598443 2414.842 1.367060
0.75000 402.328402 3283.845 1.850621
15.095346 7.546656 2250.926 2.292371
1.00000 402.328402 3294.889 2.734121
15.095346 7.483825 2086.458

COMB ULB15 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 402.328402 3250.714 0.483560
15.095346 7.668887 2741.018
0.25000 402.328402 3261.758 0.704435
15.095346 7.639187 2578.206 0.925310
0.50000 402.328402 3272.802 1.146185
15.095346 7.598443 2414.842 1.367060

0.75000 402.328402 3283.845 1.146185
15.095346 7.546656 2250.926
1.00000 402.328402 3294.889 1.367060
15.095346 7.483825 2086.458
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L F O R C E S

COMB ULB16 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 2600.571 -3.16E-13
3.76E-15 -2.61E-13 2192.814
0.25000 321.862722 2609.406 -3.17E-13
3.76E-15 -2.45E-13 2062.565
0.50000 321.862722 2618.241 -3.18E-13
3.76E-15 -2.29E-13 1931.874
0.75000 321.862722 2627.076 -3.19E-13
3.76E-15 -2.13E-13 1800.741
1.00000 321.862722 2635.911 -3.20E-13
3.76E-15 -1.97E-13 1669.166

COMB ULB16 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 2600.571 -3.16E-13
3.76E-15 -2.61E-13 2192.814
0.25000 321.862722 2609.406 -3.17E-13
3.76E-15 -2.45E-13 2062.565
0.50000 321.862722 2618.241 -3.18E-13
3.76E-15 -2.29E-13 1931.874
0.75000 321.862722 2627.076 -3.19E-13
3.76E-15 -2.13E-13 1800.741
1.00000 321.862722 2635.911 -3.20E-13
3.76E-15 -1.97E-13 1669.166

COMB ULB17 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 537.972970 4439.371 -5.39E-13
6.23E-15 -4.40E-13 3702.143
0.25000 537.972970 4450.856 -5.40E-13
6.23E-15 -4.13E-13 3479.888
0.50000 537.972970 4462.342 -5.42E-13
6.23E-15 -3.86E-13 3257.058
0.75000 537.972970 4473.827 -5.43E-13
6.23E-15 -3.59E-13 3033.654
1.00000 537.972970 4485.313 -5.44E-13
6.23E-15 -3.32E-13 2809.675

COMB ULB17 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 537.972970 4439.371 -5.39E-13
6.23E-15 -4.40E-13 3702.143
0.25000 537.972970 4450.856 -5.40E-13
6.23E-15 -4.13E-13 3479.888
0.50000 537.972970 4462.342 -5.42E-13
6.23E-15 -3.86E-13 3257.058
0.75000 537.972970 4473.827 -5.43E-13
6.23E-15 -3.59E-13 3033.654
1.00000 537.972970 4485.313 -5.44E-13
6.23E-15 -3.32E-13 2809.675

COMB ULB18 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 386.235266 3120.685 0.928436
28.983064 14.724262 2631.377
0.25000 386.235266 3131.287 1.352516
28.983064 14.667239 2475.078
0.50000 386.235266 3141.889 1.776596
28.983064 14.589011 2318.249
0.75000 386.235266 3152.491 2.200676
28.983064 14.489579 2160.889
1.00000 386.235266 3163.093 2.624756
28.983064 14.368943 2002.999

COMB ULB18 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 386.235266 3120.685 0.928436
28.983064 14.724262 2631.377
0.25000 386.235266 3131.287 1.352516
28.983064 14.667239 2475.078
0.50000 386.235266 3141.889 1.776596
28.983064 14.589011 2318.249
0.75000 386.235266 3152.491 2.200676
28.983064 14.489579 2160.889
1.00000 386.235266 3163.093 2.624756
28.983064 14.368943 2002.999
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L F O R C E S

COMB UEB01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 519.582397 4351.379 -5.28E-13
5.97E-15 -4.28E-13 3601.039
0.25000 519.582397 4360.214 -5.29E-13
5.97E-15 -4.02E-13 3383.249
0.50000 519.582397 4369.049 -5.30E-13
5.97E-15 -3.76E-13 3165.018
0.75000 519.582397 4377.884 -5.31E-13
5.97E-15 -3.49E-13 2946.344
1.00000 519.582397 4386.719 -5.32E-13
5.97E-15 -3.22E-13 2727.229

COMB UEB01 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 519.582397 4351.379 -5.28E-13
5.97E-15 -4.28E-13 3601.039
0.25000 519.582397 4360.214 -5.29E-13
5.97E-15 -4.02E-13 3383.249
0.50000 519.582397 4369.049 -5.30E-13
5.97E-15 -3.76E-13 3165.018
0.75000 519.582397 4377.884 -5.31E-13
5.97E-15 -3.49E-13 2946.344
1.00000 519.582397 4386.719 -5.32E-13
5.97E-15 -3.22E-13 2727.229

COMB UEB02 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 2600.571 -3.16E-13
3.76E-15 -2.61E-13 2192.814
0.25000 321.862722 2609.4

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L F O R C E S

COMB UEB07 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	441.414154		3659.199			-4.44E-13
5.10E-15	-3.62E-13		3044.299			-4.45E-13
0.25000	441.414154		3668.034			-4.45E-13
5.10E-15	-3.40E-13		2861.118			-4.46E-13
0.50000	441.414154		3676.869			-4.46E-13
5.10E-15	-3.18E-13		2677.496			-4.47E-13
0.75000	441.414154		3685.704			-4.47E-13
5.10E-15	-2.95E-13		2493.431			-4.48E-13
1.00000	441.414154		3694.539			-4.48E-13
5.10E-15	-2.73E-13		2308.925			

COMB UEB07 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	441.414154		3659.199			-4.44E-13
5.10E-15	-3.62E-13		3044.299			-4.45E-13
0.25000	441.414154		3668.034			-4.45E-13
5.10E-15	-3.40E-13		2861.118			-4.46E-13
0.50000	441.414154		3676.869			-4.46E-13
5.10E-15	-3.18E-13		2677.496			-4.47E-13
0.75000	441.414154		3685.704			-4.47E-13
5.10E-15	-2.95E-13		2493.431			-4.48E-13
1.00000	441.414154		3694.539			-4.48E-13
5.10E-15	-2.73E-13		2308.925			

COMB UEB08 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	321.862722		2600.571			171.085384
324.991687	-11.438820		2192.814			171.085384
0.25000	321.862722		2609.406			171.085384
324.991687	-19.930899		2062.565			171.085384
0.50000	321.862722		2618.241			171.085384
324.991687	-28.547358		1931.874			171.085384
0.75000	321.862722		2627.076			171.085384
324.991687	-37.101628		1800.741			171.085384
1.00000	321.862722		2635.911			171.085384
324.991687	-45.655897		1669.166			

COMB UEB08 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	321.862722		2600.571			171.085384
324.991687	-11.438820		2192.814			171.085384
0.25000	321.862722		2609.406			171.085384
324.991687	-19.930899		2062.565			171.085384
0.50000	321.862722		2618.241			171.085384
324.991687	-28.547358		1931.874			171.085384
0.75000	321.862722		2627.076			171.085384
324.991687	-37.101628		1800.741			171.085384
1.00000	321.862722		2635.911			171.085384
324.991687	-45.655897		1669.166			

COMB UEB09 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	321.862722		2600.571			-3.16E-13
3.76E-15	-2.61E-13		2192.814			-3.17E-13
0.25000	321.862722		2609.406			-3.18E-13
3.76E-15	-2.45E-13		2062.565			-3.18E-13
0.50000	321.862722		2618.241			-3.19E-13
3.76E-15	-2.29E-13		1931.874			-3.19E-13
0.75000	321.862722		2627.076			-3.20E-13
3.76E-15	-2.13E-13		1800.741			-3.20E-13
1.00000	321.862722		2635.911			-3.20E-13
3.76E-15	-1.97E-13		1669.166			

COMB UEB09 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	321.862722		2600.571			-3.16E-13
3.76E-15	-2.61E-13		2192.814			-3.17E-13
0.25000	321.862722		2609.406			-3.17E-13
3.76E-15	-2.45E-13		2062.565			-3.18E-13
0.50000	321.862722		2618.241			-3.18E-13
3.76E-15	-2.29E-13		1931.874			-3.19E-13
0.75000	321.862722		2627.076			-3.19E-13
3.76E-15	-2.13E-13		1800.741			-3.20E-13
1.00000	321.862722		2635.911			-3.20E-13
3.76E-15	-1.97E-13		1669.166			

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533F 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 UEB10 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	305.769586		2470.543			165.472298
256.144237	-4.338908		2083.174			165.914048
0.25000	305.769586		2478.936			166.355798
256.144237	-3.945751		1959.437			166.797548
0.50000	305.769586		2487.329			167.239298
256.144237	-12.252497		1835.280			167.797548
0.75000	305.769586		2495.722			167.797548
256.144237	-20.581331		1710.704			167.239298
1.00000	305.769586		2504.116			167.239298
256.144237	-28.932252		1585.708			

COMB UEB10 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	305.769586		2470.543			165.472298
256.144237	-4.338908		2083.174			165.914048
0.25000	305.769586		2478.936			166.355798
256.144237	-3.945751		1959.437			166.797548
0.50000	305.769586		2487.329			167.239298
256.144237	-12.252497		1835.280			167.797548
0.75000	305.769586		2495.722			167.797548
256.144237	-20.581331		1710.704			167.239298
1.00000	305.769586		2504.116			167.239298
256.144237	-28.932252		1585.708			

COMB UEB11 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	305.769586		2470.543			0.967121
30.190692	15.337773		2083.174			1.408871
0.25000	305.769586		2478.936			1.850621
30.190692	15.278374		1959.437			2.292371
0.50000	305.769586		2487.329			2.734121
30.190692	15.196886		1835.280			
0.75000	305.769586		2495.722			
30.190692	15.093311		1710.704			
1.00000	305.769586		2504.116			

COMB UEB11 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	305.769586		2470.543			0.967121
30.190692	15.337773		2083.174			1.408871
0.25000	305.769586		2478.936			1.850621
30.190692	15.278374		1959.437			2.292371
0.50000	305.769586		2487.329			2.734121
30.190692	15.196886		1835.280			
0.75000	305.769586		2495.722			
30.190692	15.093311		1710.704			
1.00000	305.769586		2504.116			
30.190692	14.967649		1585.708			

COMB UEB12 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	420.722885		3488.454			164.988738
241.048891	-3.329979		2901.909			165.209613
0.25000	420.722885		3496.848			165.430488
241.048891	-11.584937		2727.276			165.651363
0.50000	420.722885		3505.241			165.872238
241.048891	-19.850940		2552.224			
0.75000	420.722885		3513.634			
241.048891	-28.127986		2376.752			
1.00000	420.722885		3522.027			
241.048891	-36.416076		2200.861			

COMB UEB12 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	420.722885		3488.454			164.988738
241.048891	-3.329979		2901.909			165.209613
0.25000	420.722885		3496.848			165.430488
241.048891	-11.584937		2727.276			165.651363
0.50000	420.722885		3505.241			165.872238
241.048891	-19.850940		2552.224			
0.75000	420.722885		3513.634			
241.048891	-28.127986		2376.752			
1.00000	420.722885		3522.027			
241.048891	-36.416076		2200.861			

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534F 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 UEB13 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	420.722885		3488.454			0.483560
15.095346	7.668887		2901.909			0.704435
0.25000	420.722885		3496.848			0.925310
15.095346	7.639187		2727.276			1.146185
0.50000	420.722885		3505.241			1.367060
15.095346	7.598443		2552.224			
0.75000	420.722885		3513.634			
15.095346	7.546656		2376.752			
1.00000	420.722885		3522.027			
15.095346	7.483825		2200.861			

COMB UEB13 ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	420.722885		3488.454			0.483560
15.095346	7.668887		2901.909			0.704435
0.25000	420.722885		3496.848			0.925310
15.095346	7.639187		2727.276			1.146185
0.50000	420.722885		3505.241			1.367060
15.095346	7.598443		2552.224			
0.75000	420.722885		3513.634			
15.095346	7.546656		2376.752			
1.00000	420.722885		3522.027			
15.095346	7.483825		2200.861			

COMB UEB14 ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	305.769586		2470.543			164.988738
241.048891	-3.329979		2083.174			165.209613
0.25000	305.769586		2478.936			165.430488
241.048891	-11.584937		1959.437			165.651363
0.50000	305.769586		2487.329			165.872238
241.048891	-19.850940		1835.280			
0.75000	305.769586		2495.722			
241.048891	-28.127986		1710.704			
1.00000	305.769586		2504.116			
241.048891	-36.416076		1585.708			

COMB UEB14 ----- MIN

REL DIST	T
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REL DIST T	P M2	V2 M3	V3	4.98E-15	-2.76E-13	212.22466	3424.113	-4.16E-13	0.25000	616.173180	5144.801	-6.24E-13	5.88E-15	-2.90E-13	2458.244	
0.00000	413.849951	3416.258		-4.15E-13	4.98E-15	-2.76E-13	2123.341	-4.17E-13	7.10E-15	-4.76E-13	4002.168					
4.79E-15	-3.39E-13	2847.986			0.25000	212.22466	3432.948		0.50000	616.173180	5156.286	-6.26E-13	COMB	ULO06	-----	MAX
0.25000	413.849951	3425.093		-4.16E-13	4.98E-15	-2.55E-13	2153.914	-4.18E-13	7.10E-15	-4.44E-13	3744.641					
4.79E-15	-3.18E-13	2676.952			0.50000	212.22466	3441.783		0.75000	616.173180	5167.772	-6.27E-13	REL DIST T	P M2	V2 M3	V3
0.50000	413.849951	3433.928		-4.17E-13	4.98E-15	-2.34E-13	1982.046		7.10E-15	-4.13E-13	3486.540	-6.29E-13	0.00000	369.749099	4439.013	-5.39E-13
4.79E-15	-2.97E-13	2505.476			0.00000	217.758424	3931.695	-4.77E-13	0.25000	616.173180	5133.315	-6.23E-13	6.70E-15	-3.23E-13	2751.726	
0.75000	413.849951	3442.763		-4.18E-13	0.25000	217.758424	3940.530	-4.78E-13	0.50000	616.173180	5144.801	-6.24E-13	0.25000	369.749099	4450.498	-5.40E-13
4.79E-15	-2.76E-13	2333.559			5.91E-15	-2.63E-13	2245.201	-4.79E-13	0.75000	616.173180	5156.286	-6.26E-13	6.70E-15	-2.96E-13	2529.489	
1.00000	413.849951	3451.598		-4.19E-13	0.50000	217.758424	3949.365	-4.79E-13	0.50000	616.173180	5144.801	-6.24E-13	0.50000	369.749099	4461.984	-5.42E-13
4.79E-15	-2.55E-13	2161.200			5.91E-15	-2.39E-13	2047.953	-4.80E-13	0.75000	616.173180	5167.772	-6.27E-13	6.70E-15	-2.69E-13	2306.677	
					0.00000	217.758424	3958.200	-4.80E-13	0.25000	616.173180	5133.315	-6.23E-13	0.25000	369.749099	4473.469	-5.43E-13
COMB	SV007	-----	MIN		5.91E-15	-2.15E-13	1850.261	-4.78E-13	4.89E-15	-3.39E-13	2850.897	-4.12E-13	6.70E-15	-2.42E-13	2083.290	
REL DIST T	P M2	V2 M3	V3	5.91E-15	-2.15E-13	1850.261	-4.78E-13	-4.80E-13	4.89E-15	-3.19E-13	2681.484	-4.12E-13	1.00000	369.749099	4484.955	-5.44E-13
0.00000	413.849951	3416.258		-4.15E-13	0.25000	217.758424	3940.530	-4.78E-13	0.50000	616.173180	5144.801	-6.24E-13	COMB	ULO06	-----	MIN
4.79E-15	-3.39E-13	2847.986			5.91E-15	-2.63E-13	2245.201	-4.79E-13	0.75000	616.173180	5156.286	-6.26E-13	6.70E-15	-2.96E-13	2529.489	
0.25000	413.849951	3425.093		-4.16E-13	0.50000	217.758424	3949.365	-4.79E-13	0.75000	616.173180	5167.772	-6.27E-13	REL DIST T	P M2	V2 M3	V3
4.79E-15	-3.18E-13	2676.952			5.91E-15	-2.39E-13	2047.953	-4.80E-13	0.25000	616.173180	5133.315	-6.23E-13	0.25000	369.749099	4450.498	-5.40E-13
0.50000	413.849951	3433.928		-4.17E-13	5.91E-15	-2.15E-13	1850.261	-4.78E-13	4.89E-15	-3.19E-13	2681.484	-4.12E-13	0.50000	369.749099	4461.984	-5.42E-13
4.79E-15	-2.97E-13	2505.476			0.00000	217.758424	3958.200	-4.80E-13	0.75000	616.173180	5167.772	-6.27E-13	6.70E-15	-2.69E-13	2306.677	
0.75000	413.849951	3442.763		-4.18E-13	0.25000	217.758424	3940.530	-4.78E-13	0.50000	616.173180	5144.801	-6.24E-13	0.25000	369.749099	4450.498	-5.40E-13
4.79E-15	-2.76E-13	2333.559			5.91E-15	-2.63E-13	2245.201	-4.79E-13	0.75000	616.173180	5156.286	-6.26E-13	6.70E-15	-2.96E-13	2529.489	
1.00000	413.849951	3451.598		-4.19E-13	0.50000	217.758424	3949.365	-4.79E-13	0.50000	616.173180	5144.801	-6.24E-13	0.50000	369.749099	4461.984	-5.42E-13
4.79E-15	-2.55E-13	2161.200			5.91E-15	-2.39E-13	2047.953	-4.80E-13	0.75000	616.173180	5167.772	-6.27E-13	6.70E-15	-2.69E-13	2306.677	
					0.00000	217.758424	3958.200	-4.80E-13	0.25000	616.173180	5133.315	-6.23E-13	0.25000	369.749099	4473.469	-5.43E-13
COMB	SV008	-----	MAX		5.91E-15	-2.15E-13	1850.261	-4.78E-13	4.89E-15	-3.39E-13	2850.897	-4.12E-13	6.70E-15	-2.42E-13	2083.290	
REL DIST T	P M2	V2 M3	V3	5.91E-15	-2.15E-13	1850.261	-4.78E-13	-4.80E-13	4.89E-15	-3.19E-13	2681.484	-4.12E-13	1.00000	369.749099	4484.955	-5.44E-13
0.00000	413.849951	3416.258		-4.15E-13	0.25000	217.758424	3940.530	-4.78E-13	0.50000	616.173180	5144.801	-6.24E-13	COMB	ULO06	-----	MIN
4.79E-15	-3.39E-13	2847.986			5.91E-15	-2.63E-13	2245.201	-4.79E-13	0.75000	616.173180	5156.286	-6.26E-13	6.70E-15	-2.96E-13	2529.489	
0.25000	413.849951	3425.093		-4.16E-13	0.50000	217.758424	3949.365	-4.79E-13	0.75000	616.173180	5167.772	-6.27E-13	REL DIST T	P M2	V2 M3	V3
4.79E-15	-3.18E-13	2676.952			5.91E-15	-2.39E-13	2047.953	-4.80E-13	0.25000	616.173180	5133.315	-6.23E-13	0.25000	369.749099	4450.498	-5.40E-13
0.50000	413.849951	3433.928		-4.17E-13	5.91E-15	-2.15E-13	1850.261	-4.78E-13	4.89E-15	-3.19E-13	2681.484	-4.12E-13	0.50000	369.749099	4461.984	-5.42E-13
4.79E-15	-2.97E-13	2505.476			0.00000	217.758424	3958.200	-4.80E-13	0.75000	616.173180	5167.772	-6.27E-13	6.70E-15	-2.69E-13	2306.677	
0.75000	413.849951	3442.763		-4.18E-13	0.25000	217.758424	3940.530	-4.78E-13	0.50000	616.173180	5144.801	-6.24E-13	0.25000	369.749099	4450.498	-5.40E-13
4.79E-15	-2.76E-13	2333.559			5.91E-15	-2.63E-13	2245.201	-4.79E-13	0.75000	616.173180	5156.286	-6.26E-13	6.70E-15	-2.96E-13	2529.489	
1.00000	413.849951	3451.598		-4.19E-13	0.50000	217.758424	3949.365	-4.79E-13	0.50000	616.173180	5144.801	-6.24E-13	0.50000	369.749099	4461.984	-5.42E-13
4.79E-15	-2.55E-13	2161.200			5.91E-15	-2.39E-13	2047.953	-4.80E-13	0.75000	616.173180	5167.772	-6.27E-13	6.70E-15	-2.69E-13	2306.677	
					0.00000	217.758424	3958.200	-4.80E-13	0.25000	616.173180	5133.315	-6.23E-13	0.25000	369.749099	4473.469	-5.43E-13
COMB	SV008	-----	MAX		5.91E-15	-2.15E-13	1850.261	-4.78E-13	4.89E-15	-3.39E-13	2850.897	-4.12E-13	6.70E-15	-2.42E-13	2083.290	
REL DIST T	P M2	V2 M3	V3	5.91E-15	-2.15E-13	1850.261	-4.78E-13	-4.80E-13	4.89E-15	-3.19E-13	2681.484	-4.12E-13	1.00000	369.749099	4484.955	-5.44E-13
0.00000	413.849951	3416.258		-4.15E-13	0.25000	217.758424	3940.530	-4.78E-13	0.50000	616.173180	5144.801	-6.24E-13	COMB	ULO06	-----	MIN
4.79E-15	-3.39E-13	2847.986			5.91E-15	-2.63E-13	2245.201	-4.79E-13	0.75000	616.173180	5156.286	-6.26E-13	6.70E-15	-2.96E-13	2529.489	
0.25000	413.849951	3425.093		-4.16E-13	0.50000	217.758424	3949.365	-4.79E-13	0.75000	616.173180	5167.772	-6.27E-13	REL DIST T	P M2	V2 M3	V3
4.79E-15	-3.18E-13	2676.952			5.91E-15	-2.39E-13	2047.953	-4.80E-13	0.25000	616.173180	5133.315	-6.23E-13	0.25000	369.749099	4450.498	-5.40E-13
0.50000	413.849951	3433.928		-4.17E-13	5.91E-15	-2.15E-13	1850.261	-4.78E-13	4.89E-15	-3.19E-13	2681.484	-4.12E-13	0.50000	369.749099	4461.984	-5.42E-13
4.79E-15	-2.97E-13	2505.476			0.00000	217.758424	3958.200	-4.80E-13	0.75000	616.173180	5167.772	-6.27E-13	6.70E-15	-2.69E-13	2306.677	
0.75000	413.849951	3442.763		-4.18E-13	0.25000	217.758424	3940.530	-4.78E-13	0.50000	616.173180	5144.801	-6.24E-13	0.25000	369.749099	4450.498	-5.40E-13
4.79E-15	-2.76E-13	2333.559			5.91E-15	-2.63E-13	2245.201	-4.79E-13	0.75000	616.173180	5156.286	-6.26E-13	6.70E-15	-2.96E-13	2529.489	
1.00000	413.849951	3451.598		-4.19E-13	0.50000	217.758424	3949.365	-4.79E-13	0.50000	616.173180	5144.801	-6.24E-13	0.50000	369.749099	4461.984	-5.42E-13
4.79E-15	-2.55E-13	2161.200			5.91E-15	-2.39E-13	2047.953	-4.80E-13	0.75000	616.173180	5167.772	-6.27E-13	6.70E-15	-2.69E-13	2306.677	
					0.00000	217.758424	3958.200	-4.80E-13	0.25000	616.173180	5133.315	-6.23E-13	0.25000	369.749099	4473.469	-5.43E-13
COMB	SV008	-----	MAX		5.91E-15	-2.15E-13	1850.261	-4.78E-13	4.89E-15	-3.39E-13	2850.897	-4.12E-13	6.70E-15	-2.42E-13	2083.290	
REL DIST T	P M2	V2 M3	V3	5.91E-15	-2.15E-13	1850.261	-4.78E-13	-4.80E-13	4.89E-15	-3.19E-13	2681.484	-4.12E-13	1.00000	369.749099	4484.955	-5.44E-13
0.00000	413.849951	3416.258		-4.15E-13	0.25000	217.758424	3940.530	-4.78E-13	0.50000	616.173180	5144.801	-6.24E-13	COMB	ULO06	-----	MIN
4.79E-15	-3.39E-13	2847.986			5.91E-15	-2.63E-13	2245.201	-4.79E-13	0.75000	616.173180	5156.286	-6.26E-13	6.70E-15	-2.96E-13	2529.489	
0.25000	413.849951	3425.093		-4.16E-13	0.50000	217.758424	3949.365	-4.79E-13	0.75000	616.173180	5167.772	-6.27E-13	REL DIST T	P M2	V2 M3	V3
4.79E-15	-3.18E-13	2676.952			5.91E-15	-2.39E-13	2047.953	-4.80E-13	0.25000	616.173180	5133.315	-6.23E-13	0.25000	369.749099	4450.498	-5.40E-13
0.50000	413.849951	3433.928		-4.17E-13	5.91E-15	-2.15E-13	1850.261	-4.78E-13	4.89E-15	-3.19E-13	2681.484	-4.12E-13	0.50000	369.749099	4461.984	-5.42E-13
4.79E-15	-2.97E-13	2505.476			0.00000	217.758424	3958.200	-4.80E-13	0.75000	616.173180	5167.772	-6.27E-13	6.70E-15	-2.69E-13	2306.677	
0.75000	413.849951	3442.763		-4.18E-13	0.25000	217.758424	3940.530	-4.78E-13	0.50000	616.173180	5144.801	-6.24E-13	0.25000	369.749099	4450.498	-5.40E-13
4.79E-15	-2.76E-13	2333.559			5.91E-15	-2.63E-13	2245.201	-4.79E-13	0.75000	616.173180	5156.286	-6.26E-13	6.70E-15	-2.96E-13	2529.489	
1.00000	413.849951	3451.598		-4.19E-13	0.50000	217.758424	3949.365	-4.79E-13								

[illegible]

0.25000 5.692307 3484.235 -4.23E-13
5.54E-15 -1.84E-13 1587.648
0.50000 5.692307 3492.628
5.54E-15 -1.63E-13 1413.227
0.75000 5.692307 3501.022
5.54E-15 -1.41E-13 1238.385
1.00000 5.692307 3509.415
5.54E-15 -1.20E-13 1063.124

COMB UEO11 ----- MAX
REL DIST T P M2 V2 V3
0.00000 167.476766 3477.882
5.09E-15 -2.18E-13 2675.741
0.25000 167.476766 3486.276
5.09E-15 -2.97E-13 2501.637
0.50000 167.476766 3494.669
5.09E-15 -2.76E-13 2327.113
0.75000 167.476766 3503.062
5.09E-15 -2.55E-13 2152.170
1.00000 167.476766 3511.455
5.09E-15 -2.33E-13 1976.807

COMB UEO11 ----- MIN
REL DIST T P M2 V2 V3
0.00000 167.476766 3477.882
5.09E-15 -3.18E-13 2675.741
0.25000 167.476766 3486.276
5.09E-15 -2.97E-13 2501.637
0.50000 167.476766 3494.669
5.09E-15 -2.76E-13 2327.113
0.75000 167.476766 3503.062
5.09E-15 -2.55E-13 2152.170
1.00000 167.476766 3511.455
5.09E-15 -2.33E-13 1976.807

COMB UEO12 ----- MAX
REL DIST T P M2 V2 V3
0.00000 175.639213 4134.448
6.26E-15 -2.80E-13 2394.663
0.25000 175.639213 4142.841
6.26E-15 -2.55E-13 2187.731
0.50000 175.639213 4151.234
6.26E-15 -2.30E-13 1980.379
0.75000 175.639213 4159.628
6.26E-15 -2.05E-13 1972.608
1.00000 175.639213 4168.021
6.26E-15 -1.80E-13 1564.416

COMB UEO12 ----- MIN
REL DIST T P M2 V2 V3
0.00000 175.639213 4134.448
6.26E-15 -2.80E-13 2394.663
0.25000 175.639213 4142.841
6.26E-15 -2.55E-13 2187.731
0.50000 175.639213 4151.234
6.26E-15 -2.30E-13 1980.379
0.75000 175.639213 4159.628
6.26E-15 -2.05E-13 1972.608
1.00000 175.639213 4168.021
6.26E-15 -1.80E-13 1564.416
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FRAME ELEMENT INTERNAL FORCES

COMB UEO13 ----- MAX
REL DIST T P M2 V2 V3
0.00000 337.423672 4136.489
5.81E-15 -3.94E-13 3308.754
0.25000 337.423672 4144.882
5.81E-15 -3.68E-13 3101.720
0.50000 337.423672 4153.275
5.81E-15 -3.43E-13 2894.266
0.75000 337.423672 4161.668
5.81E-15 -3.18E-13 2686.393
1.00000 337.423672 4170.062
5.81E-15 -2.93E-13 2478.099

COMB UEO13 ----- MIN
REL DIST T P M2 V2 V3
0.00000 337.423672 4136.489
5.81E-15 -3.94E-13 3308.754
0.25000 337.423672 4144.882
5.81E-15 -3.68E-13 3101.720
0.50000 337.423672 4153.275
5.81E-15 -3.43E-13 2894.266
0.75000 337.423672 4161.668
5.81E-15 -3.18E-13 2686.393
1.00000 337.423672 4170.062
5.81E-15 -2.93E-13 2478.099

COMB UEO14 ----- MAX
REL DIST T P M2 V2 V3
0.00000 60.685913 3116.536
4.98E-15 -1.83E-13 1575.928
0.25000 60.685913 3124.929
4.98E-15 -1.64E-13 1419.891
0.50000 60.685913 3133.323
4.98E-15 -1.45E-13 1263.435
0.75000 60.685913 3141.716
4.98E-15 -1.26E-13 1106.559
1.00000 60.685913 3150.109
4.98E-15 -1.07E-13 949.263589

COMB UEO15 ----- MAX
REL DIST T P M2 V2 V3
0.00000 222.470372 3118.577
4.53E-15 -2.96E-13 2490.019
0.25000 222.470372 3126.970
4.53E-15 -2.77E-13 2233.880
0.50000 222.470372 3135.363
4.53E-15 -2.58E-13 2177.322
0.75000 222.470372 3143.757
4.53E-15 -2.39E-13 2020.344
1.00000 222.470372 3152.150

4.53E-15 -2.20E-13 1862.946
COMB UEO15 ----- MIN
REL DIST T P M2 V2 V3
0.00000 222.470372 3118.577
4.53E-15 -2.96E-13 2490.019
0.25000 222.470372 3126.970
4.53E-15 -2.77E-13 2233.880
0.50000 222.470372 3135.363
4.53E-15 -2.58E-13 2177.322
0.75000 222.470372 3143.757
4.53E-15 -2.39E-13 2020.344
1.00000 222.470372 3152.150
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FRAME ELEMENT INTERNAL FORCES

COMB UEO16 ----- MAX
REL DIST T P M2 V2 V3
0.00000 321.887311 2601.928
3.76E-15 -2.61E-13 2192.997
0.25000 321.887311 2610.763
3.76E-15 -2.45E-13 2062.680
0.50000 321.887311 2619.598
3.76E-15 -2.29E-13 1931.921
0.75000 321.887311 2628.433
3.76E-15 -2.13E-13 1800.720
1.00000 321.887311 2637.268
3.76E-15 -1.97E-13 1669.078

COMB UEO16 ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.887311 2601.928
3.76E-15 -2.61E-13 2192.997
0.25000 321.887311 2610.763
3.76E-15 -2.45E-13 2062.680
0.50000 321.887311 2619.598
3.76E-15 -2.29E-13 1931.921
0.75000 321.887311 2628.433
3.76E-15 -2.13E-13 1800.720
1.00000 321.887311 2637.268
3.76E-15 -1.97E-13 1669.078

FRAME ELEMENT INTERNAL FORCES

COMB UEO17 ----- MAX
REL DIST T P M2 V2 V3
0.00000 441.446120 3660.964
5.10E-15 -3.62E-13 3044.537
0.25000 441.446120 3669.799
5.10E-15 -3.40E-13 2861.268
0.50000 441.446120 3678.634
5.10E-15 -3.18E-13 2677.557
0.75000 441.446120 3687.469
5.10E-15 -2.95E-13 2493.404
1.00000 441.446120 3696.304
5.10E-15 -2.73E-13 2308.810

COMB UEO17 ----- MIN
REL DIST T P M2 V2 V3
0.00000 441.446120 3660.964
5.10E-15 -3.62E-13 3044.537
0.25000 441.446120 3669.799
5.10E-15 -3.40E-13 2861.268
0.50000 441.446120 3678.634
5.10E-15 -3.18E-13 2677.557
0.75000 441.446120 3687.469
5.10E-15 -2.95E-13 2493.404
1.00000 441.446120 3696.304
5.10E-15 -2.73E-13 2308.810

COMB UEO18 ----- MAX
REL DIST T P M2 V2 V3
0.00000 156.915343 3307.560
4.84E-15 -3.02E-13 2542.398
0.25000 156.915343 3315.512
4.84E-15 -2.82E-13 2376.821
0.50000 156.915343 3323.463
4.84E-15 -2.62E-13 2210.846
0.75000 156.915343 3331.415
4.84E-15 -2.42E-13 2044.475
1.00000 156.915343 3339.366
4.84E-15 -2.22E-13 1877.705

COMB UEO18 ----- MIN
REL DIST T P M2 V2 V3
0.00000 156.915343 3307.560
4.84E-15 -3.02E-13 2542.398
0.25000 156.915343 3315.512
4.84E-15 -2.82E-13 2376.821
0.50000 156.915343 3323.463
4.84E-15 -2.62E-13 2210.846
0.75000 156.915343 3331.415
4.84E-15 -2.42E-13 2044.475
1.00000 156.915343 3339.366
4.84E-15 -2.22E-13 1877.705
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FRAME ELEMENT INTERNAL FORCES

COMB ENVBULT ----- MAX
REL DIST T P M2 V2 V3
0.00000 616.141214 5131.551
7.10E-15 -5.07E-13 4258.883
0.25000 616.141214 5143.036
7.10E-15 -4.76E-13 4002.019
0.50000 616.141214 5154.522
7.10E-15 -4.44E-13 3744.580
0.75000 616.141214 5166.007

COMB ENVBULT ----- MIN
REL DIST T P M2 V2 V3
0.00000 616.141214 5131.551
7.10E-15 -5.07E-13 4258.883
0.25000 616.141214 5143.036
7.10E-15 -4.76E-13 4002.019
0.50000 616.141214 5154.522
7.10E-15 -4.44E-13 3744.580
0.75000 616.141214 5166.007

7.10E-15 -4.13E-13 3486.567
1.00000 616.141214 5177.493
7.10E-15 -3.82E-13 3227.979

COMB ENVBECC ----- MAX
REL DIST T P M2 V2 V3
0.00000 519.582397 4351.379
5.97E-15 -2.61E-13 3601.039
0.25000 519.582397 4360.214
5.97E-15 -2.45E-13 3383.249
0.50000 519.582397 4369.049
5.97E-15 -2.29E-13 3165.018
0.75000 519.582397 4377.884
5.97E-15 -2.13E-13 2946.344
1.00000 519.582397 4386.719
5.97E-15 -1.97E-13 2727.229

COMB ENVBECC ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.862722 2600.571
3.76E-15 -2.48E-13 2192.814
0.25000 321.862722 2609.406
3.76E-15 -2.02E-13 2062.565
0.50000 321.862722 2618.241
3.76E-15 -3.76E-13 1931.874
0.75000 321.862722 2627.076
3.76E-15 -3.49E-13 1800.741
1.00000 321.862722 2635.911
3.76E-15 -3.22E-13 1669.166

COMB ENVOULT ----- MAX
REL DIST T P M2 V2 V3
0.00000 616.173180 5133.315
7.10E-15 -5.07E-13 4259.121
0.25000 616.173180 5144.801
7.10E-15 -4.76E-13 4002.168
0.50000 616.173180 5156.286
7.10E-15 -4.44E-13 3744.641
0.75000 616.173180 5167.772
7.10E-15 -4.13E-13 3486.540
1.00000 616.173180 5179.257
7.10E-15 -3.82E-13 3227.864

COMB ENVOULT ----- MIN
REL DIST T P M2 V2 V3
0.00000 616.173180 5133.315
7.10E-15 -5.07E-13 4259.121
0.25000 616.173180 5144.801
7.10E-15 -4.76E-13 4002.168
0.50000 616.173180 5156.286
7.10E-15 -4.44E-13 3744.641
0.75000 616.173180 5167.772
7.10E-15 -4.13E-13 3486.540
1.00000 616.173180 5179.257
7.10E-15 -3.82E-13 3227.864
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FRAME ELEMENT INTERNAL FORCES

COMB ENVOECC ----- MAX
REL DIST T P M2 V2 V3
0.00000 519.614363 4353.144
5.97E-15 -2.61E-13 3601.277
0.25000 519.614363 4361.979
5.97E-15 -2.45E-13 3383.399
0.50000 519.614363 4370.814
5.97E-15 -2.29E-13 3165.079
0.75000 519.614363 4379.649
5.97E-15 -2.13E-13 2946.317
1.00000 519.614363 4388.484
5.97E-15 -1.97E-13 2727.114

COMB ENVOECC ----- MIN
REL DIST T P M2 V2 V3
0.00000 321.894688 2602.336
3.77E-15 -4.29E-13 2193.052
0.25000 321.894688 2611.171
3.77E-15 -4.02E-13 2062.715
0.50000 321.894688 2620.006
3.77E-15 -3.76E-13 1931.935
0.75000 321.894688 2628.841
3.77E-15 -3.49E-13 1800.714
1.00000 321.894688 2637.676
3.77E-15 -3.22E-13 1669.051

ELEM 11 ----- LENGTH = 1.50000
LOAD D -----
REL DIST T P M2 V2 V3
0.00000 321.862722 2635.991
3.76E-15 -1.97E-13 1669.166
0.25000 321.862722 2702.645
3.76E-15 -7.58E-14 668.216423
0.50000 321.862722 2770.321
3.76E-15 -4.87E-14 -357.935145
0.75000 321.862722 2838.939
3.76E-15 1.76E-13 -1409.642
1.00000 321.862722 2908.499
3.76E-15 3.07E-13 -2487.257

LOAD L1 -----
REL DIST T P M2 V2 V3
0.00000 91.962640 814.329399
1.03E-15 -5.82E-14 492.12300
0.25000 91.962640 814.329399
1.03E-15 2.12E-14 186.748775
0.50000 91.962640 814.329399
1.03E-15 1.59E-14 -118.624749
0.75000 91.962640 814.329399
1.03E-15 5.29E-14 -423.988274
1.00000 91.962640 814.329399
1.03E-15 9.00E-14 -729.371798

LOAD W-LO -----
REL DIST T P M2 V2 V3
0.00000 -1.80E-18 2.59E-16
24.152553 11.974119 1.44E-15
0.25000 -1.80E-18 5.82E-16
24.152553 10.654559 1.28E-15
0.50000 -1.80E-18 9.10E-16
24.152553 9.326928 1.00E-15
0.75000 -1.80E-18 1.24E-15
24.152553 4.977094 5.98E-16
1.00000 -1.80E-18 1.58E-15
24.152553 0.590924 6.88E-17

LOAD G-LO2 -----
REL DIST T P M2 V2 V3
0.00000 3.98E-16 1.59E-14 131.604142
180.762836 -35.119921 -1.28E-15
0.25000 3.98E-16 1.59E-14 131.604142
180.762836 -84.471474 -7.23E-15
0.50000 3.98E-16 1.59E-14 131.604142
180.762836 -133.832027 -1.30E-14
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 V2 V3
0.75000 3.98E-16 1.59E-14 131.604142
180.762836 -183.174580 -1.91E-14
1.00000 3.98E-16 1.59E-14 131.604142
180.762836 -232.526133 -2.51E-14

LOAD E-LO -----
REL DIST T P M2 V2 V3
0.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.25000 0.000000 0.000000 0.000000
0.50000 0.000000 0.000000 0.000000
0.75000 0.000000 0.000000 0.000000
1.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000

LOAD W-TR -----
REL DIST T P M2 V2 V3
0.00000 -110.658845 804.514611 -9.77E-14
1.21E-15 -3.67E-14 312.968081
0.25000 -110.658845 804.514611 -9.77E-14
1.21E-15 -8.40E-17 11.275102
0.50000 -110.658845 804.514611 -9.77E-14
1.21E-15 3.65E-14 -280.417877
0.75000 -110.658845 804.514611 -9.77E-14
1.21E-15 7.32E-14 -592.110857
1.00000 -110.658845 804.514611 -9.77E-14
1.21E-15 1.10E-13 -893.803836

LOAD WL -----
REL DIST T P M2 V2 V3
0.00000 -11.334538 114.812798 -1.39E-14
1.53E-16 -7.76E-15 65.395412
0.25000 -11.334538 114.812798 -1.39E-14
1.53E-16 -2.54E-15 22.340613
0.50000 -11.334538 114.812798 -1.39E-14
1.53E-16 2.69E-15 -20.714187
0.75000 -11.334538 114.812798 -1.39E-14
1.53E-16 7.91E-16 -63.769886
1.00000 -11.334538 114.812798 -1.39E-14
1.53E-16 1.31E-14 -106.823786

LOAD G-TR -----
REL DIST T P M2 V2 V3
0.00000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.05E-14 -730.946327 1.32E-16
0.25000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.05E-14 -730.334138 1.32E-16
0.50000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.04E-14 -729.721950 1.32E-16
0.75000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.04E-14 -729.109761 1.32E-16
1.00000 -129.427567 -1.632503 1.32E-16
3.61E-16 9.03E-14 -728.497573

LOAD E-TR -----
REL DIST T P M2 V2 V3
0.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000
0.25000 0.000000 0.000000 0.000000
0.50000 0.000000 0.000000 0.000000
0.75000 0.000000 0.000000 0.000000
1.00000 0.000000 0.000000 0.000000
0.00000 0.000000 0.000000 0.000000

LOAD Q1-TR -----
REL DIST T P M2 V2 V3
0.00000 0.024589 1.357184 -1.65E-16
2.63E-18 1.31E-17 -0.088591
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 V2 V3
0.25000 0.024589 1.357184 -1.65E-16
2.63E-18 7.49E-17 -0.597535
0.50000 0.024589 1.357184 -1.65E-16
2.63E-18 1.37E-16 -1.106479
0.75000 0.024589 1.357184 -1.

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	537.972970	4485.313		1.421743
15.699160	7.783178	2809.675		
0.25000	537.972970	4572.066		3.156816
15.699160	6.925463	1111.455		
0.50000	537.972970	4660.045		4.916387
15.699160	5.412503	-619.527863		
0.75000	537.972970	4749.248		6.700454
15.699160	3.235111	-2383.732		
1.00000	537.972970	4839.677		8.509018
15.699160	0.384101	-4181.617		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	418.421538	3426.685		1.421743
15.699160	7.783178	2169.916		
0.25000	418.421538	3513.438		3.156816
15.699160	6.925463	868.681350		
0.50000	418.421538	3601.417		4.916387
15.699160	5.412503	-465.315689		
0.75000	418.421538	3690.620		6.700454
15.699160	3.235111	-1832.534		
1.00000	418.421538	3781.048		8.509018
15.699160	0.384101	-3233.434		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	418.421538	3426.685		1.421743
15.699160	7.783178	2169.916		
0.25000	418.421538	3513.438		3.156816
15.699160	6.925463	868.681350		
0.50000	418.421538	3601.417		4.916387
15.699160	5.412503	-465.315689		
0.75000	418.421538	3690.620		6.700454
15.699160	3.235111	-1832.534		
1.00000	418.421538	3781.048		8.509018
15.699160	0.384101	-3233.434		

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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	P	V2	V3
T	M2	M3		
0.00000	537.972970	4485.313		171.085384
234.991687	-45.655897	2809.675		
0.25000	537.972970	4572.066		171.085384
234.991687	-109.812916	1111.455		
0.50000	537.972970	4660.045		171.085384
234.991687	-173.969935	-619.527863		
0.75000	537.972970	4749.248		171.085384
234.991687	-238.126954	-2383.732		
1.00000	537.972970	4839.677		171.085384
234.991687	-302.283973	-4181.617		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	537.972970	4485.313		171.085384
234.991687	-45.655897	2809.675		
0.25000	537.972970	4572.066		171.085384
234.991687	-109.812916	1111.455		
0.50000	537.972970	4660.045		171.085384
234.991687	-173.969935	-619.527863		
0.75000	537.972970	4749.248		171.085384
234.991687	-238.126954	-2383.732		
1.00000	537.972970	4839.677		171.085384
234.991687	-302.283973	-4181.617		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	537.972970	4485.313		-5.44E-13
6.23E-15	-3.32E-13	2809.675		
0.25000	537.972970	4572.066		-5.55E-13
6.23E-15	-1.26E-13	1111.455		
0.50000	537.972970	4660.045		-5.65E-13
6.23E-15	8.40E-14	-619.527863		
0.75000	537.972970	4749.248		-5.76E-13
6.23E-15	2.98E-13	-2383.732		
1.00000	537.972970	4839.677		-5.87E-13
6.23E-15	5.16E-13	-4181.617		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	537.972970	4485.313		-5.44E-13
6.23E-15	-3.32E-13	2809.675		
0.25000	537.972970	4572.066		-5.55E-13
6.23E-15	-1.26E-13	1111.455		
0.50000	537.972970	4660.045		-5.65E-13
6.23E-15	8.40E-14	-619.527863		
0.75000	537.972970	4749.248		-5.76E-13
6.23E-15	2.98E-13	-2383.732		
1.00000	537.972970	4839.677		-5.87E-13
6.23E-15	5.16E-13	-4181.617		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	418.421538	3426.685		171.085384
234.991687	-45.655897	2169.916		
0.25000	418.421538	3513.438		171.085384
234.991687	-109.812916	868.681350		
0.50000	418.421538	3601.417		171.085384
234.991687	-173.969935	-465.315689		
0.75000	418.421538	3690.620		171.085384
234.991687	-238.126954	-1832.534		
1.00000	418.421538	3781.048		171.085384
234.991687	-302.283973	-3233.434		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	418.421538	3426.685		171.085384
234.991687	-45.655897	2169.916		
0.25000	418.421538	3513.438		171.085384
234.991687	-109.812916	868.681350		
0.50000	418.421538	3601.417		171.085384
234.991687	-173.969935	-465.315689		
0.75000	418.421538	3690.620		171.085384
234.991687	-238.126954	-1832.534		
1.00000	418.421538	3781.048		171.085384
234.991687	-302.283973	-3233.434		

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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	P	V2	V3
T	M2	M3		
0.00000	418.421538	3426.685		-4.16E-13
4.89E-15	-2.56E-13	2169.916		
0.25000	418.421538	3513.438		-4.26E-13
4.89E-15	-9.86E-14	868.681350		
0.50000	418.421538	3601.417		-4.37E-13
4.89E-15	6.33E-14	-465.315689		
0.75000	418.421538	3690.620		-4.48E-13
4.89E-15	2.29E-13	-1832.534		
1.00000	418.421538	3781.048		-4.59E-13
4.89E-15	3.99E-13	-3233.434		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	418.421538	3426.685		-4.16E-13
4.89E-15	-2.56E-13	2169.916		
0.25000	418.421538	3513.438		-4.26E-13
4.89E-15	-9.86E-14	868.681350		
0.50000	418.421538	3601.417		-4.37E-13
4.89E-15	6.33E-14	-465.315689		
0.75000	418.421538	3690.620		-4.48E-13
4.89E-15	2.29E-13	-1832.534		
1.00000	418.421538	3781.048		-4.59E-13
4.89E-15	3.99E-13	-3233.434		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	402.328402	3294.889		167.239298
256.144237	-28.932252	2086.458		
0.25000	402.328402	3378.306		170.575978
256.144237	-92.271144	835.270528		
0.50000	402.328402	3462.901		173.959767
256.144237	-156.870124	-447.418931		
0.75000	402.328402	3548.673		177.390665
256.144237	-222.746858	-1762.052		
1.00000	402.328402	3635.623		180.868673
256.144237	-289.919011	-3109.071		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	402.328402	3294.889		167.239298
256.144237	-28.932252	2086.458		
0.25000	402.328402	3378.306		170.575978
256.144237	-92.271144	835.270528		
0.50000	402.328402	3462.901		173.959767
256.144237	-156.870124	-447.418931		
0.75000	402.328402	3548.673		177.390665
256.144237	-222.746858	-1762.052		
1.00000	402.328402	3635.623		180.868673
256.144237	-289.919011	-3109.071		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	402.328402	3294.889		2.734121
30.190692	14.967649	2086.458		
0.25000	402.328402	3378.306		6.070800
30.190692	13.318199	835.270528		
0.50000	402.328402	3462.901		9.454590
30.190692	10.408660	-447.418931		
0.75000	402.328402	3548.673		12.885488
30.190692	6.221368	-1762.052		
1.00000	402.328402	3635.623		16.363496
30.190692	0.738655	-3109.071		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	402.328402	3294.889		2.734121
30.190692	14.967649	2086.458		
0.25000	402.328402	3378.306		6.070800
30.190692	13.318199	835.270528		
0.50000	402.328402	3462.901		9.454590
30.190692	10.408660	-447.418931		
0.75000	402.328402	3548.673		12.885488
30.190692	6.221368	-1762.052		
1.00000	402.328402	3635.623		16.363496
30.190692	0.738655	-3109.071		

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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	P	V2	V3
T	M2	M3		
0.00000	517.281702	4312.801		165.872238
241.048891	-36.416076	2701.611		
0.25000	517.281702	4396.218		167.540578
241.048891	-98.930243	1068.706		
0.50000	517.281702	4480.812		169.232472
241.048891	-162.074454	-595.69868		
0.75000	517.281702	4566.585		170.947921
241.048891	-225.857541	-2292.050		
1.00000	517.281702	4653.535		172.686925
241.048891	-290.288339	-4020.786		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	517.281702	4312.801	165.872238	
241.048891	-36.416076	2701.611		
0.25000	517.281702	4396.218	167.540578	
241.048891	-98.930243	1068.706		
0.50000	517.281702	4480.812	169.232472	
241.048891	-162.074454	-595.69868		
0.75000	517.281702	4566.585	170.947921	
241.048891	-225.857541	-2292.050		
1.00000	517.281702	4653.535	172.686921	
241.048891	-290.288339	-4020.786		
COMB	ULB13	-----	MAX	

1.00000	441.414154	3967.127	8.509018	0.75000	321.862722	2838.939	-3.44E-13	REL DIST	T	P	M2	V2	V3	COMB	UEB18	-----	MIN																
15.699160	0.384101	-3435.440		3.76E-15	1.76E-13	-1409.642		REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3														
COMB	UEB05	-----	MAX	1.00000	321.862722	2908.499	-3.53E-13	241.048891	-225.857541	-1339.960	1585.708	2504.116	165.872238	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756												
REL DIST	T	P	M2	M3	V3	0.25000	305.769586	2567.513	167.540578	0.50000	305.769586	2631.805	169.232472	0.00000	289.676450	2432.380	5.827968	0.00000	289.676450	2432.380	5.827968												
0.00000	321.862722	2635.911	1.421743	0.00000	321.862722	2635.911		241.048891	-98.930243	634.805602	2631.805	340.038388	170.947921	28.983064	12.785471	601.394781	9.076406	28.983064	12.785471	601.394781	9.076406												
15.699160	7.783178	1669.166	3.156816	0.25000	321.862722	2702.645	-3.20E-13	0.75000	305.769586	2696.992	2631.805	340.038388	170.947921	0.50000	289.676450	2493.289	2.624756	0.50000	289.676450	2493.289	2.624756												
0.25000	321.862722	2702.645		15.699160	6.925463	668.216423	-3.28E-13	241.048891	-225.857541	-1339.960	1585.708	2504.116	165.872238	28.983064	9.992314	-322.14169	12.370068	28.983064	9.992314	-322.14169	12.370068												
0.50000	321.862722	2770.321	4.916387	0.50000	321.862722	2770.321		0.25000	305.769586	2631.805	2631.805	340.038388	170.947921	0.75000	289.676450	2555.045	-4.35E-13	0.75000	289.676450	2555.045	-4.35E-13												
15.699160	5.412503	-357.935145		3.76E-15	-7.58E-14	668.216423		241.048891	-290.288339	-2362.894	1585.708	2504.116	165.872238	28.983064	5.972513	-1268.678	15.708956	28.983064	5.972513	-1268.678	15.708956												
0.75000	321.862722	2838.939	6.700454	3.76E-15	4.87E-14	-357.935145		COMB	UEB14	-----	MIN	0.50000	305.769586	2631.805	2631.805	340.038388	170.947921	0.50000	305.769586	2631.805	2631.805	340.038388	170.947921										
15.699160	3.235111	-1409.642	8.509018	0.75000	321.862722	2908.499	-3.44E-13	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3								
1.00000	321.862722	2908.499		3.76E-15	1.76E-13	-1409.642		241.048891	-36.416076	1585.708	2504.116	165.872238	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756									
15.699160	0.384101	-2487.257		1.00000	321.862722	2908.499	-3.53E-13	COMB	UEB10	-----	MAX	0.25000	305.769586	2567.513	167.540578	0.50000	305.769586	2631.805	169.232472	0.00000	289.676450	2432.380	5.827968	0.00000	289.676450	2432.380	5.827968						
COMB	UEB05	-----	MIN	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3						
REL DIST	T	P	M2	M3	V3	0.00000	305.769586	2504.116	167.239298	256.144237	-28.932252	1585.708	170.575978	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756								
0.00000	321.862722	2635.911	1.421743	0.25000	321.862722	2702.645	-3.20E-13	256.144237	-92.271144	634.805602	2631.805	340.038388	170.947921	28.983064	12.785471	601.394781	9.076406	28.983064	12.785471	601.394781	9.076406	28.983064	12.785471	601.394781	9.076406								
15.699160	7.783178	1669.166	3.156816	0.50000	321.862722	2770.321	-3.28E-13	0.75000	305.769586	2696.992	2631.805	340.038388	170.947921	0.50000	289.676450	2493.289	2.624756	0.50000	289.676450	2493.289	2.624756	0.50000	289.676450	2493.289	2.624756								
0.25000	321.862722	2702.645		15.699160	6.925463	668.216423	-3.28E-13	256.144237	-156.870124	-340.038388	1585.708	2504.116	165.872238	28.983064	9.992314	-322.14169	12.370068	28.983064	9.992314	-322.14169	12.370068	28.983064	9.992314	-322.14169	12.370068								
0.50000	321.862722	2770.321	4.916387	0.75000	321.862722	2838.939	6.700454	0.50000	305.769586	2631.805	2631.805	340.038388	170.947921	0.75000	289.676450	2555.045	-4.35E-13	0.75000	289.676450	2555.045	-4.35E-13	0.75000	289.676450	2555.045	-4.35E-13								
15.699160	5.412503	-357.935145		3.76E-15	-7.58E-14	668.216423		256.144237	-222.746858	-173.90665	1585.708	2504.116	165.872238	28.983064	5.972513	-1268.678	15.708956	28.983064	5.972513	-1268.678	15.708956	28.983064	5.972513	-1268.678	15.708956								
0.75000	321.862722	2838.939	6.700454	3.76E-15	4.87E-14	-357.935145		256.144237	-289.919011	-2762.894	1585.708	2504.116	165.872238	28.983064	5.972513	-1268.678	15.708956	28.983064	5.972513	-1268.678	15.708956	28.983064	5.972513	-1268.678	15.708956								
15.699160	3.235111	-1409.642	8.509018	0.75000	321.862722	2908.499	-3.44E-13	COMB	UEB11	-----	MAX	0.25000	305.769586	2567.513	167.540578	0.50000	305.769586	2631.805	169.232472	0.00000	289.676450	2432.380	5.827968	0.00000	289.676450	2432.380	5.827968						
1.00000	321.862722	2908.499		3.76E-15	1.76E-13	-1409.642		REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3		
15.699160	0.384101	-2487.257		1.00000	321.862722	2908.499	-3.53E-13	241.048891	-36.416076	1585.708	2504.116	165.872238	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756					
COMB	UEB05	-----	MIN	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3
REL DIST	T	P	M2	M3	V3	0.00000	305.769586	2504.116	167.239298	256.144237	-28.932252	1585.708	170.575978	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756				
0.00000	321.862722	2635.911	1.421743	0.25000	321.862722	2702.645	-3.20E-13	256.144237	-92.271144	634.805602	2631.805	340.038388	170.947921	28.983064	12.785471	601.394781	9.076406	28.983064	12.785471	601.394781	9.076406	28.983064	12.785471	601.394781	9.076406	28.983064	12.785471	601.394781	9.076406				
15.699160	7.783178	1669.166	3.156816	0.50000	321.862722	2770.321	-3.28E-13	0.75000	305.769586	2696.992	2631.805	340.038388	170.947921	0.50000	289.676450	2493.289	2.624756	0.50000	289.676450	2493.289	2.624756	0.50000	289.676450	2493.289	2.624756	0.50000	289.676450	2493.289	2.624756				
0.25000	321.862722	2702.645		15.699160	6.925463	668.216423	-3.28E-13	256.144237	-156.870124	-340.038388	1585.708	2504.116	165.872238	28.983064	9.992314	-322.14169	12.370068	28.983064	9.992314	-322.14169	12.370068	28.983064	9.992314	-322.14169	12.370068	28.983064	9.992314	-322.14169	12.370068				
0.50000	321.862722	2770.321	4.916387	0.75000	321.862722	2838.939	6.700454	0.50000	305.769586	2631.805	2631.805	340.038388	170.947921	0.75000	289.676450	2555.045	-4.35E-13	0.75000	289.676450	2555.045	-4.35E-13	0.75000	289.676450	2555.045	-4.35E-13	0.75000	289.676450	2555.045	-4.35E-13				
15.699160	5.412503	-357.935145		3.76E-15	-7.58E-14	668.216423		256.144237	-222.746858	-173.90665	1585.708	2504.116	165.872238	28.983064	5.972513	-1268.678	15.708956	28.983064	5.972513	-1268.678	15.708956	28.983064	5.972513	-1268.678	15.708956	28.983064	5.972513	-1268.678	15.708956				
0.75000	321.862722	2838.939	6.700454	3.76E-15	4.87E-14	-357.935145		256.144237	-289.919011	-2762.894	1585.708	2504.116	165.872238	28.983064	5.972513	-1268.678	15.708956	28.983064	5.972513	-1268.678	15.708956	28.983064	5.972513	-1268.678	15.708956	28.983064	5.972513	-1268.678	15.708956				
15.699160	3.235111	-1409.642	8.509018	0.75000	321.862722	2908.499	-3.44E-13	COMB	UEB12	-----	MAX	0.25000	305.769586	2567.513	167.540578	0.50000	305.769586	2631.805	169.232472	0.00000	289.676450	2432.380	5.827968	0.00000	289.676450	2432.380	5.827968	0.00000	289.676450	2432.380	5.827968		
1.00000	321.862722	2908.499		3.76E-15	1.76E-13	-1409.642		REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3		
15.699160	0.384101	-2487.257		1.00000	321.862722	2908.499	-3.53E-13	241.048891	-36.416076	1585.708	2504.116	165.872238	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756					
COMB	UEB05	-----	MIN	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3	REL DIST	T	P	M2	M3	V3
REL DIST	T	P	M2	M3	V3	0.00000	305.769586	2504.116	167.239298	256.144237	-28.932252	1585.708	170.575978	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756	0.00000	289.676450	2372.320	2.624756				
0.00000	321.862722	2635.911	1.421743	0.25000	321.862722	2702.645	-3.20E-13	256.144237	-92.271144	634.805602	2631.805	340.038388	170.947921	28.983064	12.785471	601.394781	9.076406	28.983064	12.785471	601.394781	9.076406	28.983064	12.785471	601.394781	9.076406	28.983064	12.785471	601.394781	9.076406				
15.699160	7.783178	1669.166	3.156816	0.50000	321.862722	2770.321	-3.28E-13	0.75000	305.769586	2696.992	2631.805	340.038388	170.947921	0.50000	289.676450	2493.289	2.624756	0.50000	289.														

4.52E-15	-7.83E-14	695.597052		3.76E-15	-1.97E-13	1669.078		1.00000	125.795784	3425.293	-4.16E-13	0.75000	274.597006	4738.253	-5.75E-13	
0.50000	255.223351	3288.748	-3.99E-13	0.25000	321.887311	2704.002	-3.28E-13	4.88E-15	4.66E-13	-3771.604		6.47E-15	3.25E-13	-2604.378		
4.52E-15	6.98E-14	-524.964749	-4.07E-13	3.76E-15	7.57E-14	667.618888	-3.36E-13	COMB	SVO14		MIN	1.00000	274.597006	4828.682	-5.86E-13	
0.75000	255.223351	3357.366		3.76E-15	4.89E-14	-359.041624		REL DIST				6.47E-15	5.42E-13	-4398.141		
4.52E-15	2.21E-13	-1771.082		0.75000	321.887311	2840.296	-3.45E-13	T	P	V2	V3	COMB	ULO04		MAX	
1.00000	255.223351	3426.926	-4.16E-13	3.76E-15	1.77E-13	-1411.257	-3.53E-13	M2	M3			REL DIST				
4.52E-15	3.75E-13	-3043.107		1.00000	321.887311	2909.856		0.00000	125.795784	3152.706	-3.83E-13	T	P	V2	V3	
COMB	SVO05		MIN	3.76E-15	3.07E-13	-2489.381		4.88E-15	1.33E-13	1160.011		M2	M3			
REL DIST				COMB	SVO10		MAX	0.25000	125.795784	3218.440	-3.91E-13	451.341788	5159.268	-6.26E-13		
T	P	V2	V3	REL DIST				4.88E-15	1.22E-14	-34.737087		0.00000	451.341788	3098.003	-6.37E-13	
0.00000	255.223351	3154.339	-3.83E-13	T	P	V2	V3	0.50000	125.795784	3287.115	-3.99E-13	0.25000	451.341788	5246.022	-6.37E-13	
4.52E-15	-2.23E-13	1890.957		5.34E-15	-1.43E-13	1251.099	-4.18E-13	4.88E-15	1.60E-13	-1254.687		7.22E-15	-3.66E-13	1147.050		
0.25000	255.223351	3221.072	-3.91E-13	0.00000	81.800899	3440.151		0.75000	125.795784	3355.733	-4.07E-13	0.50000	451.341788	5334.000	-6.47E-13	
4.52E-15	-7.83E-14	695.597052		5.34E-15	-1.43E-13	1251.099	-4.26E-13	4.88E-15	3.11E-13	-2500.191	-4.16E-13	7.22E-15	1.11E-13	-836.666348	-6.58E-13	
0.50000	255.223351	3288.748	-3.99E-13	0.25000	81.800899	3506.884		4.88E-15	4.66E-13	-3771.604		7.22E-15	3.56E-13	-2853.604		
4.52E-15	6.98E-14	-524.964749	-4.07E-13	5.34E-15	1.47E-14	-51.440149	-4.34E-13	Program	SAP2000	Nonlinear	Version 7.42	1.00000	451.341788	5513.632	-6.69E-13	
0.75000	255.223351	3357.366		0.50000	81.800899	3574.560	-4.34E-13	File:청도1교하행_P9_본체.OUT				7.22E-15	6.05E-13	-4904.222		
4.52E-15	2.21E-13	-1771.082		5.34E-15	1.76E-13	-1379.181	-4.42E-13					COMB	ULO04		MIN	
1.00000	255.223351	3426.926	-4.16E-13	0.75000	81.800899	3643.178		Page				REL DIST				
4.52E-15	3.75E-13	-3043.107		5.34E-15	3.40E-13	-2732.478	-4.51E-13	: AAbutPier	SAP2000	6-7	데이터파일 : 교각 본체	T	P	V2	V3	
Program	SAP2000	Nonlinear	Version 7.42	5.34E-15	5.07E-13	-4111.683		578				M2	M3			
File:청도1교하행_P9_본체.OUT				COMB	SVO10		MIN	L	F	R	A	0.00000	451.341788	5159.268	-6.26E-13	
				REL DIST				L	F	R	A	7.22E-15	-3.66E-13	3098.003	-6.37E-13	
Page				T	P	V2	V3	COMB	SVO15		MAX	0.25000	451.341788	5246.022	-6.37E-13	
: AAbutPier	SAP2000	6-7	데이터파일 : 교각 본체	0.00000	81.800899	3440.151	-4.18E-13	REL DIST				7.22E-15	1.22E-13	1147.050		
575				5.34E-15	-1.43E-13	1251.099	-4.26E-13	T	P	V2	V3	0.50000	451.341788	5334.000	-6.47E-13	
F	R	A	M	0.25000	81.800899	3506.884		0.00000	255.223351	3154.339	-3.83E-13	7.22E-15	1.11E-13	-836.666348	-6.58E-13	
R	A	M	0.25000	5.34E-15	1.47E-14	-51.440149	-4.34E-13	T	P	V2	V3	0.75000	451.341788	5423.204	-6.58E-13	
A	M	0.25000	5.34E-15	0.50000	81.800899	3574.560	-4.34E-13	4.52E-15	-2.23E-13	1890.957	-3.91E-13	1.00000	451.341788	5513.632	-6.69E-13	
M	0.25000	5.34E-15	0.50000	5.34E-15	1.76E-13	-1379.181	-4.42E-13	4.52E-15	-7.83E-14	695.597052		7.22E-15	6.05E-13	-4904.222		
0.50000	255.223351	3288.748	-3.99E-13	5.34E-15	3.40E-13	-2732.478	-4.42E-13	4.52E-15	6.98E-14	-524.964749		COMB	ULO05		MAX	
4.52E-15	6.98E-14	-524.964749	-4.07E-13	1.00000	81.800899	3712.738	-4.51E-13	0.75000	255.223351	3357.366	-4.07E-13	REL DIST				
0.75000	255.223351	3357.366		5.34E-15	5.07E-13	-4111.683		4.52E-15	2.21E-13	-1771.082	-4.16E-13	T	P	V2	V3	
4.52E-15	3.75E-13	-3043.107		COMB	SVO11		MAX	1.00000	255.223351	3426.926		5.88E-15	-2.90E-13	2458.244	-4.98E-13	
Program	SAP2000	Nonlinear	Version 7.42	REL DIST				4.52E-15	3.75E-13	-3043.107		0.25000	331.790356	4187.394	-5.08E-13	
File:청도1교하행_P9_본체.OUT				T	P	V2	V3	4.52E-15	6.98E-14	-524.964749		5.88E-15	-1.02E-13	904.276167	-5.19E-13	
				0.00000	211.228466	3441.783	-4.18E-13	REL DIST				0.50000	331.790356	4275.372	-5.19E-13	
				4.98E-15	-2.34E-13	1982.046	-4.26E-13	T	P	V2	V3	5.88E-15	9.08E-14	-682.454174	-5.30E-13	
				0.25000	211.228466	3508.517		0.00000	255.223351	3154.339	-3.83E-13	5.88E-15	2.87E-13	-2302.406	-5.41E-13	
				4.98E-15	-7.58E-14	678.893990	-4.34E-13	4.52E-15	-2.23E-13	1890.957	-3.91E-13	1.00000	331.790356	4455.004	-5.41E-13	
				0.50000	211.228466	3574.560	-4.34E-13	4.52E-15	255.223351	3221.072		5.88E-15	4.88E-13	-3956.039		
				4.98E-15	8.54E-14	-649.459501	-4.42E-13	4.52E-15	-7.83E-14	695.597052		COMB	ULO05		MIN	
				0.75000	211.228466	3644.910	-4.42E-13	0.50000	255.223351	3288.748	-3.99E-13	REL DIST				
				4.98E-15	2.50E-13	-2003.368	-4.51E-13	4.52E-15	255.223351	3288.748		T	P	V2	V3	
				1.00000	211.228466	3714.371		4.52E-15	6.98E-14	-524.964749		5.88E-15	-1.02E-13	904.276167	-5.19E-13	
				4.98E-15	4.17E-13	-3383.185		0.75000	255.223351	3357.366	-4.07E-13	5.88E-15	9.08E-14	-682.454174	-5.30E-13	
				COMB	SVO11		MIN	4.52E-15	2.21E-13	-1771.082	-4.16E-13	5.88E-15	2.87E-13	-2302.406	-5.41E-13	
				REL DIST				1.00000	255.223351	3426.926		Program	SAP2000	Nonlinear	Version 7.42	
				T	P	V2	V3	4.52E-15	3.75E-13	-3043.107		File:청도1교하행_P9_본체.OUT				
				0.00000	211.228466	3441.783	-4.18E-13	COMB	ULO01		MAX					
				4.98E-15	-2.34E-13	1982.046	-4.26E-13	REL DIST				T	P	V2	V3	
				0.25000	211.228466	3508.517		T	P	V2	V3	5.88E-15	9.08E-14	-682.454174	-5.30E-13	
				4.98E-15	-7.58E-14	678.893990	-4.34E-13	0.00000	616.173180	5179.257	-6.29E-13	0.75000	331.790356	4364.576	-5.08E-13	
				0.50000	211.228466	3574.560	-4.34E-13	0.25000	616.173180	5266.011	-6.39E-13	5.88E-15	-1.02E-13	904.276167	-5.19E-13	
				4.98E-15	8.54E-14	-649.459501	-4.42E-13	7.10E-15	-1.44E-13	1269.414		0.50000	331.790356	4275.372	-5.19E-13	
				0.75000	211.228466	3644.910	-4.42E-13	0.50000	616.173180	5353.989	-6.50E-13	5.88E-15	9.08E-14	-682.454174	-5.30E-13	
				4.98E-15	2.50E-13	-2003.368	-4.51E-13	7.10E-15	9.77E-14	-721.797322		5.88E-15	2.87E-13	-2302.406	-5.41E-13	
				1.00000	211.228466	3714.371		0.75000	616.173180	5443.193	-6.60E-13	Program	SAP2000	Nonlinear	Version 7.42	
				4.98E-15	4.17E-13	-3383.185		1.00000	616.173180	5533.621	-6.71E-13	File:청도1교하행_P9_본체.OUT				
				Program	SAP2000	Nonlinear	Version 7.42	7.10E-15	5.93E-13	-4804.345		Page				
				File:청도1교하행_P9_본체.OUT				COMB	ULO01		MIN	: AAbutPier	SAP2000	6-7	데이터파일 : 교각 본체	
								REL DIST				575				
								T	P	V2	V3	L	F	R	A	
								0.00000	616.173180	5179.257	-6.29E-13	COMB	ULO06		MAX	
								7.10E-15	-3.82E-13	3227.864		REL DIST				
								0.25000	616.173180	5266.011	-6.39E-13	T	P	V2	V3	
								7.10E-15	1.44E-13	1269.414		0.00000	369.749099	4484.955	-5.44E-13	
								0.50000	616.173180	5353.989	-6.50E-13	6.70E-15	-2.14E-13	1859.330		
								7.10E-15	9.77E-14	-721.797322		0.25000	369.749099	4571.709	-5.55E-13	
								0.75000	616.173180	5443.193	-6.60E-13	6.70E-15	-8.34E-15	161.243582	-5.66E-13	
								1.00000	616.173180	5533.621	-6.71E-13	0.50000	369.749099	4659.687	-5.66E-13	
								COMB	ULO02		MAX	6.70E-15	2.02E-13	-1569.605		
								REL DIST				0.75000	369.749099	4748.890	-5.76E-13	
								T	P	V2	V3	6.70E-15	4.16E-13	-3333.675		
								0.00000	418.453504	3428.449	-4.16E-13	6.70E-15	6.34E-13	-5131.426	-5.87E-13	
								4.89E-15	2.56E-13	2169.801		COMB	ULO6		MIN	
								0.25000	418.453504	3515.203	-4.27E-13	REL DIST				
								4.89E-15	-9.85E-14	867.904554	-4.37E-13	T	P	V2	V3	
								0.50000	418.453504	3603.181	-4.48E-13	0.00000	369.749099	4484.955	-5.44E-13	
								4.89E-15	6.35E-14	-466.754111	-4.48E-13	6.70E-15	-2.14E-13	1859.330		
								0.75000	418.453504	3692.384	-4.59E-13	0.25000	369.749099	4571.709	-5.55E-13	
								1.00000	418.453504	3782.813	-4.71E-13	6.70E-15	-8.34E-15	161.243582	-5.66E-13	
								4.89E-15	4.00E-13	-3236.196		0.50000	369.749099	4659.687	-5.66E-13	
								Program	SAP2000	Nonlinear	Version 7.42	0.75000	369.7490			

REL DIST P V2 V3
T M2 M3
0.00000 250.197667 3426.327 -4.16E-13
5.36E-15 -1.39E-13 1219.571
0.25000 250.197667 3513.080 -4.26E-13
5.36E-15 1.92E-14 -81.529826 -4.37E-13
0.50000 250.197667 3601.059 -4.37E-13
5.36E-15 1.81E-13 -1415.393 -4.48E-13
0.75000 250.197667 3690.262 -4.48E-13
5.36E-15 3.47E-13 -2782.477 -4.59E-13
1.00000 250.197667 3780.690 -4.59E-13
5.36E-15 5.17E-13 -4183.242
Program SAP2000 Nonlinear Version 7.42
File:청도1교하행_P9_본세.OUT

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FRAME ELEMENT INTERNAL FORCES

COMB ULO09 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 418.453504 3428.449 -4.16E-13
4.89E-15 -2.56E-13 2169.801 -4.27E-13
0.25000 418.453504 3515.203 -4.27E-13
4.89E-15 -9.85E-14 867.904554 -4.37E-13
0.50000 418.453504 3603.181 -4.37E-13
4.89E-15 6.35E-14 -466.754111 -4.48E-13
0.75000 418.453504 3692.384 -4.48E-13
4.89E-15 2.29E-13 -1834.634 -4.59E-13
1.00000 418.453504 3782.813
4.89E-15 4.00E-13 -3236.196

COMB ULO09 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 418.453504 3428.449 -4.16E-13
4.89E-15 -2.56E-13 2169.801 -4.27E-13
0.25000 418.453504 3515.203 -4.27E-13
4.89E-15 -9.85E-14 867.904554 -4.37E-13
0.50000 418.453504 3603.181 -4.37E-13
4.89E-15 6.35E-14 -466.754111 -4.48E-13
0.75000 418.453504 3692.384 -4.48E-13
4.89E-15 2.29E-13 -1834.634 -4.59E-13
1.00000 418.453504 3782.813
4.89E-15 4.00E-13 -3236.196

COMB ULO10 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 102.251124 4300.188 -5.22E-13
6.67E-15 -1.79E-13 1563.874 -5.32E-13
0.25000 102.251124 4383.605 -5.32E-13
6.67E-15 1.83E-14 -64.300186 -5.42E-13
0.50000 102.251124 4468.200 -5.42E-13
6.67E-15 2.20E-13 -1723.977 -5.53E-13
0.75000 102.251124 4553.972 -5.53E-13
6.67E-15 4.25E-13 -3415.997 -5.63E-13
1.00000 102.251124 4640.923
6.67E-15 6.34E-13 -5139.603

COMB ULO10 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 102.251124 4300.188 -5.22E-13
6.67E-15 -1.79E-13 1563.874 -5.32E-13
0.25000 102.251124 4383.605 -5.32E-13
6.67E-15 1.83E-14 -64.300186 -5.42E-13
0.50000 102.251124 4468.200 -5.42E-13
6.67E-15 2.20E-13 -1723.977 -5.53E-13
0.75000 102.251124 4553.972 -5.53E-13
6.67E-15 4.25E-13 -3415.997 -5.63E-13
1.00000 102.251124 4640.923
6.67E-15 6.34E-13 -5139.603

COMB ULO11 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 264.035583 4302.229 -5.22E-13
6.22E-15 -2.92E-13 2477.557 -5.32E-13
0.25000 264.035583 4385.646 -5.32E-13
6.22E-15 -9.48E-14 848.617487 -5.42E-13
0.50000 264.035583 4470.240 -5.42E-13
6.22E-15 1.07E-13 -811.824376 -5.53E-13
0.75000 264.035583 4556.013 -5.53E-13
6.22E-15 3.12E-13 -2504.210 -5.63E-13
1.00000 264.035583 4642.963
6.22E-15 5.21E-13 -4228.981

COMB ULO11 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 264.035583 4302.229 -5.22E-13
6.22E-15 -2.92E-13 2477.557 -5.32E-13
0.25000 264.035583 4385.646 -5.32E-13
6.22E-15 -9.48E-14 848.617487 -5.42E-13
0.50000 264.035583 4470.240 -5.42E-13
6.22E-15 1.07E-13 -811.824376 -5.53E-13
0.75000 264.035583 4556.013 -5.53E-13
6.22E-15 3.12E-13 -2504.210 -5.63E-13
1.00000 264.035583 4642.963
6.22E-15 5.21E-13 -4228.981
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FRAME ELEMENT INTERNAL FORCES

COMB ULO12 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 272.198029 4958.794 -6.02E-13
7.39E-15 -2.39E-13 2065.166 -6.12E-13
0.25000 272.198029 5042.211 -6.12E-13
7.39E-15 -1.12E-14 190.014610 -6.22E-13
0.50000 272.198029 5126.806 -6.22E-13
7.39E-15 2.20E-13 -1716.639 -6.33E-13
0.75000 272.198029 5212.578 -6.33E-13
7.39E-15 4.55E-13 -3655.237 -6.43E-13
1.00000 272.198029 5299.529
7.39E-15 6.95E-13 -5626.220

COMB ULO12 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 272.198029 4958.794 -6.02E-13
7.39E-15 -2.39E-13 2065.166 -6.12E-13
0.25000 272.198029 5042.211 -6.12E-13
7.39E-15 -1.12E-14 190.014610 -6.22E-13
0.50000 272.198029 5126.806 -6.22E-13
7.39E-15 2.20E-13 -1716.639 -6.33E-13
0.75000 272.198029 5212.578 -6.33E-13
7.39E-15 4.55E-13 -3655.237 -6.43E-13
1.00000 272.198029 5299.529
7.39E-15 6.95E-13 -5626.220

COMB ULO13 ----- MAX
REL DIST P V2 V3
T M2 M3
0.00000 433.982489 4960.835 -6.02E-13
6.94E-15 -3.52E-13 2978.849 -6.12E-13
0.25000 433.982489 5044.252 -6.12E-13
6.94E-15 -1.24E-13 1102.932 -6.22E-13
0.50000 433.982489 5128.847 -6.22E-13
6.94E-15 1.07E-13 -804.486873 -6.33E-13
0.75000 433.982489 5214.619 -6.33E-13
6.94E-15 3.42E-13 -2743.850 -6.43E-13
1.00000 433.982489 5301.569
6.94E-15 5.82E-13 -4715.598

COMB ULO13 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 433.982489 4960.835 -6.02E-13
6.94E-15 -3.52E-13 2978.849 -6.12E-13
0.25000 433.982489 5044.252 -6.12E-13
6.94E-15 -1.24E-13 1102.932 -6.22E-13
0.50000 433.982489 5128.847 -6.22E-13
6.94E-15 1.07E-13 -804.486873 -6.33E-13
0.75000 433.982489 5214.619 -6.33E-13
6.94E-15 3.42E-13 -2743.850 -6.43E-13
1.00000 433.982489 5301.569
6.94E-15 5.82E-13 -4715.598

COMB ULO14 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 157.244730 3940.882 -4.78E-13
6.11E-15 -1.66E-13 1450.013 -4.88E-13
0.25000 157.244730 4024.299 -4.88E-13
6.11E-15 1.52E-14 -43.421359 -4.99E-13
0.50000 157.244730 4108.894 -4.99E-13
6.11E-15 2.00E-13 -1568.358 -5.09E-13
0.75000 157.244730 4194.667 -5.09E-13
6.11E-15 3.89E-13 -3125.239 -5.20E-13
1.00000 157.244730 4281.617
6.11E-15 5.82E-13 -4714.506

COMB ULO14 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 157.244730 3940.882 -4.78E-13
6.11E-15 -1.66E-13 1450.013 -4.88E-13
0.25000 157.244730 4024.299 -4.88E-13
6.11E-15 1.52E-14 -43.421359 -4.99E-13
0.50000 157.244730 4108.894 -4.99E-13
6.11E-15 2.00E-13 -1568.358 -5.09E-13
0.75000 157.244730 4194.667 -5.09E-13
6.11E-15 3.89E-13 -3125.239 -5.20E-13
1.00000 157.244730 4281.617
6.11E-15 5.82E-13 -4714.506
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FRAME ELEMENT INTERNAL FORCES

COMB ULO15 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 319.029189 3942.923 -4.79E-13
5.65E-15 -2.79E-13 2363.696 -4.89E-13
0.25000 319.029189 4026.340 -4.89E-13
5.65E-15 -9.79E-14 869.496314 -4.99E-13
0.50000 319.029189 4110.935 -4.99E-13
5.65E-15 8.73E-14 -656.205937 -5.09E-13
0.75000 319.029189 4196.707 -5.09E-13
5.65E-15 2.76E-13 -2213.852 -5.20E-13
1.00000 319.029189 4283.658
5.65E-15 4.69E-13 -3803.884

COMB ULO15 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 319.029189 3942.923 -4.79E-13
5.65E-15 -2.79E-13 2363.696 -4.89E-13
0.25000 319.029189 4026.340 -4.89E-13
5.65E-15 -9.79E-14 869.496314 -4.99E-13
0.50000 319.029189 4110.935 -4.99E-13
5.65E-15 8.73E-14 -656.205937 -5.09E-13
0.75000 319.029189 4196.707 -5.09E-13
5.65E-15 2.76E-13 -2213.852 -5.20E-13
1.00000 319.029189 4283.658
5.65E-15 4.69E-13 -3803.884

COMB ULO16 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 321.887311 2637.268 -3.20E-13
3.76E-15 -1.97E-13 1669.051 -3.28E-13
0.25000 321.887311 2704.002 -3.28E-13
3.76E-15 -7.57E-14 667.439628 -3.36E-13
0.50000 321.887311 2772.085 -3.36E-13
3.76E-15 -1.77E-13 -1411.257 -3.45E-13
0.75000 321.887311 2840.296 -3.45E-13
3.76E-15 3.07E-13 -2489.381

COMB ULO16 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 321.887311 2637.268 -3.20E-13
3.76E-15 -1.97E-13 1669.051 -3.28E-13
0.25000 321.887311 2704.002 -3.28E-13
3.76E-15 -7.57E-14 667.439628 -3.36E-13
0.50000 321.887311 2772.085 -3.36E-13
3.76E-15 -1.77E-13 -1411.257 -3.45E-13
0.75000 321.887311 2840.296 -3.45E-13
3.76E-15 3.07E-13 -2489.381

COMB ULO17 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 538.004936 4487.077 -5.45E-13
6.23E-15 -3.32E-13 2809.560 -5.55E-13
0.25000 538.004936 4573.831 -5.55E-13
6.23E-15 -1.26E-13 1110.678 -5.66E-13
0.50000 538.004936 4661.809 -5.66E-13
6.23E-15 8.42E-14 -620.966285 -5.77E-13
0.75000 538.004936 4751.013 -5.77E-13
6.23E-15 2.98E-13 -2385.832 -5.87E-13
1.00000 538.004936 4841.441
6.23E-15 5.17E-13 -4184.379

COMB ULO17 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 538.004936 4487.077 -5.45E-13
6.23E-15 -3.32E-13 2809.560 -5.55E-13
0.25000 538.004936 4573.831 -5.55E-13

6.23E-15 -1.26E-13 1110.678
0.50000 538.004936 4661.809 -5.66E-13
6.23E-15 8.42E-14 -620.966285 -5.77E-13
0.75000 538.004936 4751.013 -5.77E-13
6.23E-15 2.98E-13 -2385.832 -5.87E-13
1.00000 538.004936 4841.441 -5.87E-13
6.23E-15 5.17E-13 -4184.379
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FRAME ELEMENT INTERNAL FORCES

COMB ULO18 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 253.474159 4130.140 -5.01E-13
5.97E-15 -2.81E-13 2378.455 -5.11E-13
0.25000 253.474159 4210.220 -5.11E-13
5.97E-15 -9.10E-14 814.672788 -5.21E-13
0.50000 253.474159 4291.431 -5.21E-13
5.97E-15 1.02E-13 -779.351401 -5.31E-13
0.75000 253.474159 4373.772 -5.31E-13
5.97E-15 3.00E-13 -2404.042 -5.41E-13
1.00000 253.474159 4457.245
5.97E-15 5.01E-13 -4059.822

COMB ULO18 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 253.474159 4130.140 -5.01E-13
5.97E-15 -2.81E-13 2378.455 -5.11E-13
0.25000 253.474159 4210.220 -5.11E-13
5.97E-15 9.10E-14 814.672788 -5.21E-13
0.50000 253.474159 4291.431 -5.21E-13
5.97E-15 1.02E-13 -779.351401 -5.31E-13
0.75000 253.474159 4373.772 -5.31E-13
5.97E-15 3.00E-13 -2404.042 -5.41E-13
1.00000 253.474159 4457.245
5.97E-15 5.01E-13 -4059.822

COMB UEO01 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 519.614363 4388.484 -5.33E-13
5.97E-15 -3.22E-13 2727.114 -5.41E-13
0.25000 519.614363 4452.217 -5.41E-13
5.97E-15 -3.22E-13 2727.114 -5.41E-13
0.50000 519.614363 4452.217 -5.41E-13
5.97E-15 -1.21E-13 1068.949 -5.49E-13
0.75000 519.614363 4522.893 -5.49E-13
5.97E-15 8.31E-14 -614.416779 -5.57E-13
1.00000 519.614363 4591.511
5.97E-15 2.90E-13 -2323.338 -5.66E-13
0.50000 519.614363 4661.071
5.97E-15 5.01E-13 -4058.168

COMB UEO01 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 519.614363 4388.484 -5.33E-13
5.97E-15 -3.22E-13 2727.114 -5.41E-13
0.25000 519.614363 4452.217 -5.41E-13
5.97E-15 -1.21E-13 1068.949 -5.49E-13
0.50000 519.614363 4452.893 -5.49E-13
5.97E-15 8.31E-14 -614.416779 -5.57E-13
0.75000 519.614363 4591.511 -5.57E-13
5.97E-15 2.90E-13 -2323.338 -5.66E-13
1.00000 519.614363 4661.071
5.97E-15 5.01E-13 -4058.168

COMB UEO02 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 321.894688 2637.676 -3.20E-13
3.77E-15 -1.97E-13 1669.051 -3.28E-13
0.25000 321.894688 2704.409 -3.28E-13
3.77E-15 -7.57E-14 667.439628 -3.36E-13
0.50000 321.894688 2772.085 -3.36E-13
3.77E-15 -1.77E-13 -1411.257 -3.45E-13
0.75000 321.894688 2840.703 -3.45E-13
3.77E-15 3.07E-13 -2490.019 -3.53E-13
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COMB UEO02 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 321.894688 2637.676 -3.20E-13
3.77E-15 -1.97E-13 1669.051 -3.28E-13
0.25000 321.894688 2704.409 -3.28E-13
3.77E-15 -7.57E-14 667.439628 -3.36E-13
0.50000 321.894688 2772.085 -3.36E-13
3.77E-15 -1.77E-13 -1411.257 -3.45E-13
0.75000 321.894688 2840.703 -3.45E-13
3.77E-15 3.07E-13 -2490.019 -3.53E-13
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FRAME ELEMENT INTERNAL FORCES

COMB UEO03 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 178.038190 3683.543 -4.47E-13
5.34E-15 -2.45E-13 2075.910 -4.55E-13
0.25000 178.038190 3750.278 -4.55E-13
5.34E-15 -7.58E-14 682.097260 -4.63E-13
0.50000 178.038190 3817.954 -4.63E-13
5.34E-15 9.64E-14 -736.916808 -4.72E-13
0.75000 178.038190 3886.572 -4.72E-13
5.34E-15 2.72E-13 -2181.486 -4.80E-13
1.00000 178.038190 3956.132
5.34E-15 4.50E-13 -3651.963

COMB UEO03 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 178.038190 3683.543 -4.47E-13
5.34E-15 -2.45E-13 2075.910 -4.55E-13
0.25000 178.038190 3750.278 -4.55E-13
5.34E-15 -7.58E-14 682.097260 -4.63E-13
0.50000 178.038190 3817.954 -4.63E-13
5.34E-15 9.6

1.00000 153.638850 2908.141 -3.53E-13
4.24E-15 4.25E-13 -3437.065
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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 UEO09 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.894688 2637.676 -3.20E-13
3.77E-15 -1.97E-13 1669.051 -3.20E-13
0.25000 321.894688 2704.409 -3.28E-13
3.77E-15 -7.57E-14 667.439628 -3.36E-13
3.77E-15 4.89E-14 -359.373567 -3.45E-13
0.75000 321.894688 2840.703 -3.45E-13
3.77E-15 1.77E-13 -1411.742 -3.53E-13
1.00000 321.894688 2910.263 -3.53E-13
3.77E-15 3.07E-13 -2490.019

COMB UEO09 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.894688 2637.676 -3.20E-13
3.77E-15 -1.97E-13 1669.051 -3.20E-13
0.25000 321.894688 2704.409 -3.28E-13
3.77E-15 -7.57E-14 667.439628 -3.36E-13
3.77E-15 4.89E-14 -359.373567 -3.45E-13
0.75000 321.894688 2840.703 -3.45E-13
3.77E-15 1.77E-13 -1411.742 -3.53E-13
1.00000 321.894688 2910.263 -3.53E-13
3.77E-15 3.07E-13 -2490.019

COMB UEO10 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 5.692307 3509.415 -4.26E-13
5.54E-15 -1.20E-13 1063.124 -4.34E-13
0.25000 5.692307 3572.812 -4.34E-13
5.54E-15 4.11E-14 -264.765113 -4.41E-13
0.75000 5.692307 3637.104 -4.41E-13
5.54E-15 2.05E-13 -1616.596 -4.49E-13
0.75000 5.692307 3702.291 -4.49E-13
5.54E-15 3.72E-13 -2992.705 -4.57E-13
1.00000 5.692307 3768.373 -4.57E-13
5.54E-15 5.42E-13 -4393.426

COMB UEO10 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 5.692307 3509.415 -4.26E-13
5.54E-15 -1.20E-13 1063.124 -4.34E-13
0.25000 5.692307 3572.812 -4.34E-13
5.54E-15 4.11E-14 -264.765113 -4.41E-13
0.75000 5.692307 3637.104 -4.41E-13
5.54E-15 2.05E-13 -1616.596 -4.49E-13
0.75000 5.692307 3702.291 -4.49E-13
5.54E-15 3.72E-13 -2992.705 -4.57E-13
1.00000 5.692307 3768.373 -4.57E-13
5.54E-15 5.42E-13 -4393.426

COMB UEO11 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 167.476766 3511.455 -4.26E-13
5.09E-15 -2.33E-13 1976.807 -4.34E-13
0.25000 167.476766 3574.852 -4.34E-13
5.09E-15 -7.20E-14 648.152560 -4.42E-13
0.50000 167.476766 3639.144 -4.42E-13
5.09E-15 9.21E-14 -704.443833 -4.50E-13
0.75000 167.476766 3704.331 -4.50E-13
5.09E-15 2.59E-13 -2081.318 -4.58E-13
1.00000 167.476766 3770.414 -4.58E-13
5.09E-15 4.29E-13 -3482.804

COMB UEO11 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 167.476766 3511.455 -4.26E-13
5.09E-15 -2.33E-13 1976.807 -4.34E-13
0.25000 167.476766 3574.852 -4.34E-13
5.09E-15 -7.20E-14 648.152560 -4.42E-13
0.50000 167.476766 3639.144 -4.42E-13
5.09E-15 9.21E-14 -704.443833 -4.50E-13
0.75000 167.476766 3704.331 -4.50E-13
5.09E-15 2.59E-13 -2081.318 -4.58E-13
1.00000 167.476766 3770.414 -4.58E-13
5.09E-15 4.29E-13 -3482.804
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L F O R C E S

COMB UEO12 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 175.639213 4168.021 -5.06E-13
6.26E-15 -1.80E-13 1564.416 -5.14E-13
0.25000 175.639213 4231.418 -5.21E-13
6.26E-15 1.15E-14 -10.450317 -5.29E-13
0.50000 175.639213 4295.710 -5.29E-13
6.26E-15 2.06E-13 -1609.259 -5.37E-13
0.75000 175.639213 4360.897 -5.37E-13
6.26E-15 4.03E-13 -3232.345 -5.37E-13
1.00000 175.639213 4426.979 -5.37E-13
6.26E-15 6.03E-13 -4880.043

COMB UEO12 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 175.639213 4168.021 -5.06E-13
6.26E-15 -1.80E-13 1564.416 -5.14E-13
0.25000 175.639213 4231.418 -5.21E-13
6.26E-15 1.15E-14 -10.450317 -5.29E-13
0.50000 175.639213 4295.710 -5.29E-13
6.26E-15 2.06E-13 -1609.259 -5.37E-13
0.75000 175.639213 4360.897 -5.37E-13
6.26E-15 4.03E-13 -3232.345 -5.37E-13
1.00000 175.639213 4426.979 -5.37E-13
6.26E-15 6.03E-13 -4880.043

COMB UEO13 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 337.423672 4170.062 -5.06E-13
5.81E-15 -2.93E-13 2478.099 -5.14E-13
0.25000 337.423672 4233.458 -5.22E-13
5.81E-15 9.25E-14 -697.106330 -5.29E-13
0.50000 337.423672 4297.750 -5.22E-13
5.81E-15 -1.02E-13 902.467356 -5.22E-13
0.75000 337.423672 4297.750 -5.22E-13
5.81E-15 9.25E-14 -697.106330

0.75000 337.423672 4362.937 -5.29E-13
5.81E-15 2.90E-13 -2320.957 -5.37E-13
1.00000 337.423672 4429.020 -5.37E-13
5.81E-15 4.90E-13 -3969.421

COMB UEO13 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 337.423672 4170.062 -5.06E-13
5.81E-15 -2.93E-13 2478.099 -5.14E-13
0.25000 337.423672 4233.458 -5.22E-13
5.81E-15 -1.02E-13 902.467356 -5.29E-13
0.50000 337.423672 4297.750 -5.22E-13
5.81E-15 9.25E-14 -697.106330 -5.29E-13
0.75000 337.423672 4362.937 -5.29E-13
5.81E-15 2.90E-13 -2320.957 -5.37E-13
1.00000 337.423672 4429.020 -5.37E-13
5.81E-15 4.90E-13 -3969.421

COMB UEO14 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 60.685913 3150.109 -3.82E-13
4.98E-15 -1.07E-13 949.263589 -3.90E-13
0.25000 60.685913 3213.506 -3.90E-13
4.98E-15 3.79E-14 -243.896285 -3.98E-13
0.50000 60.685913 3277.798 -3.98E-13
4.98E-15 1.86E-13 -1460.7981 -4.06E-13
0.75000 60.685913 3342.985 -4.06E-13
4.98E-15 3.36E-13 -2702.347 -4.14E-13
1.00000 60.685913 3409.067 -4.14E-13
4.98E-15 4.90E-13 -3968.329

COMB UEO14 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 60.685913 3150.109 -3.82E-13
4.98E-15 -1.07E-13 949.263589 -3.90E-13
0.25000 60.685913 3213.506 -3.90E-13
4.98E-15 3.79E-14 -243.896285 -3.98E-13
0.50000 60.685913 3277.798 -3.98E-13
4.98E-15 1.86E-13 -1460.7981 -4.06E-13
0.75000 60.685913 3342.985 -4.06E-13
4.98E-15 3.36E-13 -2702.347 -4.14E-13
1.00000 60.685913 3409.067 -4.14E-13
4.98E-15 4.90E-13 -3968.329
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COMB UEO15 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 222.470372 3152.150 -3.83E-13
4.53E-15 -2.20E-13 1862.946 -3.90E-13
0.25000 222.470372 3215.547 -3.90E-13
4.53E-15 -7.52E-14 669.031888 -3.98E-13
0.50000 222.470372 3279.839 -3.98E-13
4.53E-15 7.26E-14 -548.825393 -4.06E-13
0.75000 222.470372 3343.026 -4.06E-13
4.53E-15 2.23E-13 -1790.959 -4.14E-13
1.00000 222.470372 3411.108 -4.14E-13
4.53E-15 3.77E-13 -3057.707

COMB UEO15 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 222.470372 3152.150 -3.83E-13
4.53E-15 -2.20E-13 1862.946 -3.90E-13
0.25000 222.470372 3215.547 -3.90E-13
4.53E-15 -7.52E-14 669.031888 -3.98E-13
0.50000 222.470372 3279.839 -3.98E-13
4.53E-15 7.26E-14 -548.825393 -4.06E-13
0.75000 222.470372 3343.026 -4.06E-13
4.53E-15 2.23E-13 -1790.959 -4.14E-13
1.00000 222.470372 3411.108 -4.14E-13
4.53E-15 3.77E-13 -3057.707

COMB UEO16 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.887311 2637.268 -3.20E-13
3.76E-15 -1.97E-13 1669.078 -3.28E-13
0.25000 321.887311 2704.002 -3.28E-13
3.76E-15 -7.57E-14 667.618888 -3.36E-13
0.50000 321.887311 2771.678 -3.36E-13
3.76E-15 4.89E-14 -359.041624 -3.45E-13
0.75000 321.887311 2840.296 -3.45E-13
3.76E-15 1.77E-13 -1411.257 -3.45E-13
1.00000 321.887311 2909.856 -3.45E-13
3.76E-15 3.07E-13 -2489.381

COMB UEO16 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.887311 2637.268 -3.20E-13
3.76E-15 -1.97E-13 1669.078 -3.28E-13
0.25000 321.887311 2704.002 -3.28E-13
3.76E-15 -7.57E-14 667.618888 -3.36E-13
0.50000 321.887311 2771.678 -3.36E-13
3.76E-15 4.89E-14 -359.041624 -3.45E-13
0.75000 321.887311 2840.296 -3.45E-13
3.76E-15 1.77E-13 -1411.257 -3.53E-13
1.00000 321.887311 2909.856 -3.53E-13
3.76E-15 3.07E-13 -2489.381

COMB UEO17 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 441.446120 3696.304 -4.49E-13
5.10E-15 -2.73E-13 2308.810 -4.57E-13
0.25000 441.446120 3763.037 -4.57E-13
5.10E-15 -1.03E-13 910.213035 -4.65E-13
0.50000 441.446120 3830.713 -4.65E-13
5.10E-15 6.96E-14 -513.585742 -4.73E-13
0.75000 441.446120 3899.331 -4.73E-13
5.10E-15 2.45E-13 -1962.940 -4.82E-13
1.00000 441.446120 3968.891 -4.82E-13
5.10E-15 4.24E-13 -3438.202

COMB UEO17 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 441.446120 3696.304 -4.49E-13
5.10E-15 -2.73E-13 2308.810 -4.57E-13
0.25000 441.446120 3763.037 -4.57E-13
5.10E-15 -1.03E-13 910.213035 -4.65E-13
0.50000 441.446120 3830.713 -4.65E-13
5.10E-15 6.96E-14 -513.585742 -4.73E-13
0.75000 441.446120 3899.331 -4.73E-13
5.10E-15 2.45E-13 -1962.940 -4.82E-13
1.00000 441.446120 3968.891 -4.82E-13
5.10E-15 4.24E-13 -3438.202
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COMB UEO18 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 156.915343 3339.366 -4.05E-13
4.84E-15 -2.22E-13 1877.705 -4.13E-13
0.25000 156.915343 3399.426 -4.13E-13
4.84E-15 -6.82E-14 614.207861 -4.20E-13
0.50000 156.915343 3460.335 -4.20E-13
4.84E-15 8.78E-14 -671.970858 -4.27E-13
0.75000 156.915343 3522.091 -4.27E-13
4.84E-15 2.47E-13 -1981.149 -4.35E-13
1.00000 156.915343 3584.695 -4.35E-13
4.84E-15 4.08E-13 -3313.645

COMB UEO18 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 156.915343 3339.366 -4.05E-13
4.84E-15 -2.22E-13 1877.705 -4.13E-13
0.25000 156.915343 3399.426 -4.13E-13
4.84E-15 -6.82E-14 614.207861 -4.20E-13
0.50000 156.915343 3460.335 -4.20E-13
4.84E-15 8.78E-14 -671.970858 -4.27E-13
0.75000 156.915343 3522.091 -4.27E-13
4.84E-15 2.47E-13 -1981.149 -4.35E-13
1.00000 156.915343 3584.695 -4.35E-13
4.84E-15 4.08E-13 -3313.645

COMB ENVBUIT ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 616.141214 5177.493 -6.28E-13
7.10E-15 -3.82E-13 3227.979 -6.39E-13
0.25000 616.141214 5264.246 -6.39E-13
7.10E-15 -1.44E-13 1270.191 -6.49E-13
0.50000 616.141214 5352.225 -6.49E-13
7.10E-15 9.75E-14 -720.358900 -6.60E-13
0.75000 616.141214 5441.428 -6.60E-13
7.10E-15 3.43E-13 -2744.131 -6.71E-13
1.00000 616.141214 5531.857 -6.71E-13
7.10E-15 5.93E-13 -4801.583

COMB ENVBUIT ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 616.141214 5177.493 -6.28E-13
7.10E-15 -3.82E-13 3227.979 -6.39E-13
0.25000 616.141214 5264.246 -6.39E-13
7.10E-15 -1.44E-13 1270.191 -6.49E-13
0.50000 616.141214 5352.225 -6.49E-13
7.10E-15 9.75E-14 -720.358900 -6.60E-13
0.75000 616.141214 5441.428 -6.60E-13
7.10E-15 3.43E-13 -2744.131 -6.71E-13
1.00000 616.141214 5531.857 -6.71E-13
7.10E-15 5.93E-13 -4801.583

COMB ENVBECC ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 519.582397 4386.719 -3.20E-13
5.97E-15 -1.97E-13 2727.229 -3.28E-13
0.25000 519.582397 4453.453 -3.28E-13
5.97E-15 -7.57E-14 1069.726 -3.36E-13
0.50000 519.582397 4521.129 -3.36E-13
5.97E-15 8.29E-14 -357.935145 -3.44E-13
0.75000 519.582397 4589.747 -3.44E-13
5.97E-15 2.90E-13 -1409.642 -3.53E-13
1.00000 519.582397 4659.307 -3.53E-13
5.97E-15 5.01E-13 -2487.257

COMB ENVBECC ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.862722 2635.911 -5.32E-13
3.76E-15 -3.22E-13 1669.166 -5.40E-13
0.25000 321.862722 2702.645 -5.40E-13
3.76E-15 -1.21E-13 668.216423 -5.49E-13
0.50000 321.862722 2770.321 -5.49E-13
3.76E-15 4.87E-14 -612.978366 -5.57E-13
0.75000 321.862722 2838.939 -5.57E-13
3.76E-15 1.76E-13 -2321.238 -5.65E-13
1.00000 321.862722 2908.499 -5.65E-13
3.76E-15 3.07E-13 -4055.406
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COMB ENVUOLT ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 616.173180 5179.257 -6.29E-13
7.10E-15 -3.82E-13 3227.864 -6.39E-13
0.25000 616.173180 5266.011 -6.39E-13
7.10E-15 -1.44E-13 1269.414 -6.50E-13
0.50000 616.173180 5353.989 -6.50E-13
7.10E-15 9.77E-14 -721.797322 -6.60E-13
0.75000 616.173180 5443.193 -6.60E-13
7.10E-15 3.43E-13 -2746.231 -6.71E-13
1.00000 616.173180 5533.621 -6.71E-13
7.10E-15 5.93E-13 -4804.345

COMB ENVUOLT ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 616.173180 5179.257 -6.29E-13
7.10E-15 -3.82E-13 3227.864 -6.39E-13
0.25000 616.173180 5266.0

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-129.427567	-1.632503	
3.61E-16	9.03E-14	-728.089407	1.32E-16
0.50000	-129.427567	-1.632503	1.32E-16
3.61E-16	9.03E-14	-727.681321	
0.75000	-129.427567	-1.632503	1.32E-16
3.61E-16	9.02E-14	-727.273195	
1.00000	-129.427567	-1.632503	1.32E-16
3.61E-16	9.02E-14	-726.965070	

LOAD E-TR -----

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000000	0.000000	
0.25000	0.000000	0.000000	
0.50000	0.000000	0.000000	
0.75000	0.000000	0.000000	
1.00000	0.000000	0.000000	
0.00000	0.000000	0.000000	
0.25000	0.000000	0.000000	
0.50000	0.000000	0.000000	
0.75000	0.000000	0.000000	
1.00000	0.000000	0.000000	
0.00000	0.000000	0.000000	

LOAD Q1-TR -----

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.024589	1.357184	
2.63E-18	2.60E-16	-2.124367	-1.65E-16
0.50000	0.024589	1.357184	
2.63E-18	3.02E-16	-2.383683	-1.65E-16
0.50000	0.024589	1.357184	
2.63E-18	3.43E-16	-2.802959	-1.65E-16
0.75000	0.024589	1.357184	
2.63E-18	3.84E-16	-3.142255	-1.65E-16
1.00000	0.024589	1.357184	
2.63E-18	4.25E-16	-3.481551	-1.65E-16

LOAD COL-TR -----

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.055925	3.086710	
5.98E-18	5.92E-16	-4.831551	-3.75E-16
0.25000	0.055925	3.086710	
5.98E-18	6.86E-16	-5.603228	-3.75E-16
0.50000	0.055925	3.086710	
5.98E-18	7.80E-16	-6.374906	-3.75E-16
0.75000	0.055925	3.086710	
5.98E-18	8.73E-16	-7.146583	-3.75E-16
1.00000	0.055925	3.086710	
5.98E-18	9.67E-16	-7.918260	-3.75E-16

COMB SVB01 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	413.825362	3722.828	
4.79E-15	3.97E-13	-3216.629	-4.52E-13
0.25000	413.825362	3770.296	
4.79E-15	5.11E-13	-4153.237	-4.57E-13
0.50000	413.825362	3819.325	
4.79E-15	6.26E-13	-5101.907	-4.63E-13
0.75000	413.825362	3869.915	
4.79E-15	7.42E-13	-6063.029	-4.70E-13
1.00000	413.825362	3922.066	
4.79E-15	8.61E-13	-7036.994	-4.76E-13

COMB SVB01 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	413.825362	3722.828	
4.79E-15	3.97E-13	-3216.629	-4.52E-13
0.25000	413.825362	3770.296	
4.79E-15	5.11E-13	-4153.237	-4.57E-13
0.50000	413.825362	3819.325	
4.79E-15	6.26E-13	-5101.907	-4.63E-13
0.75000	413.825362	3869.915	
4.79E-15	7.42E-13	-6063.029	-4.70E-13
1.00000	413.825362	3922.066	
4.79E-15	8.61E-13	-7036.994	-4.76E-13

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COMB SVB02 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	2908.499	
3.76E-15	3.07E-13	-2487.257	-3.53E-13
0.25000	321.862722	2955.967	
3.76E-15	3.96E-13	-3220.282	-3.59E-13
0.50000	321.862722	3004.996	
3.76E-15	4.86E-13	-3965.370	-3.65E-13
0.75000	321.862722	3055.585	
3.76E-15	5.78E-13	-4722.910	-3.71E-13
1.00000	321.862722	3107.736	
3.76E-15	6.72E-13	-5493.293	-3.77E-13

COMB SVB02 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	2908.499	
3.76E-15	3.07E-13	-2487.257	-3.53E-13
0.25000	321.862722	2955.967	
3.76E-15	3.96E-13	-3220.282	-3.59E-13
0.50000	321.862722	3004.996	
3.76E-15	4.86E-13	-3965.370	-3.65E-13
0.75000	321.862722	3055.585	
3.76E-15	5.78E-13	-4722.910	-3.71E-13
1.00000	321.862722	3107.736	
3.76E-15	6.72E-13	-5493.293	-3.77E-13

COMB SVB03 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	2908.499	
24.152553	0.590924	-2487.257	13.090797
0.25000	321.862722	2955.967	
24.152553	-2.917814	-3220.282	14.989515
0.50000	321.862722	3004.996	
24.152553	-6.909036	-3965.370	16.950672
0.75000	321.862722	3055.585	
24.152553	-11.398353	-4722.910	18.974265
1.00000	321.862722	3107.736	
24.152553	-16.401372	-5493.293	21.060297

COMB SVB03 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	2908.499	
24.152553	0.590924	-2487.257	13.090797
0.25000	321.862722	2955.967	
24.152553	-2.917814	-3220.282	14.989515
0.50000	321.862722	3004.996	
24.152553	-6.909036	-3965.370	16.950672
0.75000	321.862722	3055.585	
24.152553	-11.398353	-4722.910	18.974265
1.00000	321.862722	3107.736	
24.152553	-16.401372	-5493.293	21.060297

24.152553	-11.398353	-4722.910
1.00000	321.862722	3107.736
24.152553	-16.401372	-5493.293

COMB SVB04 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	413.825362	3722.828	
12.076277	0.295462	-3216.629	6.545398
0.25000	413.825362	3770.296	
12.076277	-1.458907	-4153.237	7.494758
0.50000	413.825362	3819.325	
12.076277	-3.454518	-5101.907	8.475336
0.75000	413.825362	3869.915	
12.076277	-5.699176	-6063.029	9.487133
1.00000	413.825362	3922.066	
12.076277	-8.200686	-7036.994	10.530148

COMB SVB04 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	413.825362	3722.828	
12.076277	0.295462	-3216.629	6.545398
0.25000	413.825362	3770.296	
12.076277	-1.458907	-4153.237	7.494758
0.50000	413.825362	3819.325	
12.076277	-3.454518	-5101.907	8.475336
0.75000	413.825362	3869.915	
12.076277	-5.699176	-6063.029	9.487133
1.00000	413.825362	3922.066	
12.076277	-8.200686	-7036.994	10.530148

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COMB SVB05 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	2908.499	
12.076277	0.295462	-2487.257	6.545398
0.25000	321.862722	2955.967	
12.076277	-1.458907	-3220.282	7.494758
0.50000	321.862722	3004.996	
12.076277	-3.454518	-3965.370	8.475336
0.75000	321.862722	3055.585	
12.076277	-5.699176	-4722.910	9.487133
1.00000	321.862722	3107.736	
12.076277	-8.200686	-5493.293	10.530148

COMB SVB05 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	2908.499	
12.076277	0.295462	-2487.257	6.545398
0.25000	321.862722	2955.967	
12.076277	-1.458907	-3220.282	7.494758
0.50000	321.862722	3004.996	
12.076277	-3.454518	-3965.370	8.475336
0.75000	321.862722	3055.585	
12.076277	-5.699176	-4722.910	9.487133
1.00000	321.862722	3107.736	
12.076277	-8.200686	-5493.293	10.530148

COMB SVB06 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	413.825362	3722.828	
180.762836	-232.526133	-3216.629	131.604142
0.25000	413.825362	3770.296	
180.762836	-265.427169	-4153.237	131.604142
0.50000	413.825362	3819.325	
180.762836	-298.328204	-5101.907	131.604142
0.75000	413.825362	3869.915	
180.762836	-331.229240	-6063.029	131.604142
1.00000	413.825362	3922.066	
180.762836	-364.130275	-7036.994	131.604142

COMB SVB06 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	413.825362	3722.828	
180.762836	-232.526133	-3216.629	131.604142
0.25000	413.825362	3770.296	
180.762836	-265.427169	-4153.237	131.604142
0.50000	413.825362	3819.325	
180.762836	-298.328204	-5101.907	131.604142
0.75000	413.825362	3869.915	
180.762836	-331.229240	-6063.029	131.604142
1.00000	413.825362	3922.066	
180.762836	-364.130275	-7036.994	131.604142

COMB SVB07 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	413.825362	3722.828	
4.79E-15	3.97E-13	-3216.629	-4.52E-13
0.25000	413.825362	3770.296	
4.79E-15	5.11E-13	-4153.237	-4.57E-13
0.50000	413.825362	3819.325	
4.79E-15	6.26E-13	-5101.907	-4.63E-13
0.75000	413.825362	3869.915	
4.79E-15	7.42E-13	-6063.029	-4.70E-13
1.00000	413.825362	3922.066	
4.79E-15	8.61E-13	-7036.994	-4.76E-13

COMB SVB07 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	413.825362	3722.828	
4.79E-15	3.97E-13	-3216.629	-4.52E-13
0.25000	413.825362	3770.296	
4.79E-15	5.11E-13	-4153.237	-4.57E-13
0.50000	413.825362	3819.325	
4.79E-15	6.26E-13	-5101.907	-4.63E-13
0.75000	413.825362	3869.915	
4.79E-15	7.42E-13	-6063.029	-4.70E-13
1.00000	413.825362	3922.066	
4.79E-15	8.61E-13	-7036.994	-4.76E-13

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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 SVB08 ----- MAX

COMB	SVB08	-----MAX		
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	321.862722	2908.499	131.604142	
180.762836	-232.526133	-2487.257	131.604142	
0.25000	321.862722	2955.499		
180.762836	-265.427169	-3220.282		
0.50000	321.862722	3004.996	131.604142	

COMB ULB02 ----- MIN				0.25000	537.972970	4901.385	-5.95E-13	0.00000	402.328402	3635.623	16.363496	3.76E-15	5.78E-13	-4722.910		
REL DIST	T	P	V2	6.23E-15	6.64E-13	-5399.208	-6.02E-13	30.190692	0.738655	-3109.071		1.00000	321.862722	3107.736	-3.77E-13	
				0.50000	537.972970	4965.122		0.25000	402.328402	3694.958	18.736894	3.76E-15	6.72E-13	-5493.293		
				6.23E-15	8.14E-13	-6632.479		30.190692	-3.647267	-4025.353		COMB ULB16 ----- MIN				
0.00000	418.421538	3781.048	-4.59E-13	0.75000	537.972970	5030.889	-6.10E-13	0.50000	402.328402	3756.244	21.188340	REL DIST	T	P	V2	V3
				6.23E-15	9.65E-13	-7881.938		30.190692	-8.636296	-4956.713						
4.89E-15	3.99E-13	-3233.434		1.00000	537.972970	5098.685	-6.19E-13	0.75000	402.328402	3819.482	23.717832	0.00000	321.862722	2908.499	-3.53E-13	
0.25000	418.421538	3842.757	-4.66E-13	6.23E-15	1.12E-12	-9148.093		1.00000	402.328402	3894.670	26.325371	3.76E-15	5.07E-13	-2487.257	-3.59E-13	
4.89E-15	5.15E-13	-4186.367		COMB ULB07 ----- MIN				COMB ULB12 ----- MAX				REL DIST	T	P	V2	V3
0.50000	418.421538	3906.494	-4.74E-13	0.25000	537.972970	4901.385		0.00000	517.281702	4653.535	172.686925					
4.89E-15	6.32E-13	-5154.981		0.50000	537.972970	4965.122	-6.02E-13	241.048891	-290.288339	-4020.786		0.00000	321.862722	2955.967	-3.59E-13	
0.75000	418.421538	3972.261	-4.82E-13	6.23E-15	8.14E-13	-6632.479		0.50000	517.281702	4774.156	175.099347	0.00000	4.86E-13	-3965.370	-3.71E-13	
4.89E-15	7.52E-13	-6139.783		0.75000	537.972970	5030.889	-6.10E-13	241.048891	-377.228403	-6377.383		0.75000	321.862722	3055.585	-3.71E-13	
1.00000	418.421538	4040.057	-4.90E-13	6.23E-15	9.65E-13	-7881.938		241.048891	-421.160520	-7578.787		1.00000	321.862722	3107.736	-3.77E-13	
4.89E-15	8.73E-13	-7141.281		Program SAP2000 Nonlinear Version 7.42				241.048891	-465.413702	-8796.616		File:청도1교하행_P9_본체.OUT				
				File:청도1교하행_P9_본체.OUT				Page				: AAbutPier SAP2000 6-7 데이타파일 : 교각 본체				
				601				603				604				
COMB ULB03 ----- MAX				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 ULB12 ----- 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	V2	0.00000	537.972970	4901.385		REL DIST	T	P	V2	REL DIST	T	P	V2	V3
				0.25000	537.972970	4965.122										
31.398319	418.421538	3781.048	17.018036	6.23E-15	5.16E-13	-4181.617		0.00000	517.281702	4653.535	172.686925	0.00000	321.862722	2908.499	-3.53E-13	
0.25000	418.421538	3842.757	19.486370	0.50000	537.972970	4965.122	-5.95E-13	241.048891	-290.288339	-4020.786		3.76E-15	5.07E-13	-2487.257	-3.59E-13	
31.398319	418.421538	3842.757	19.486370	6.23E-15	6.64E-13	-5399.208		0.25000	517.281702	4712.870	173.873624	0.00000	3.96E-13	-3220.282	-3.65E-13	
0.50000	418.421538	3906.494	22.035873	0.50000	537.972970	4965.122		0.50000	517.281702	4774.156	175.099347	0.00000	4.86E-13	-3965.370	-3.71E-13	
31.398319	418.421538	3972.261	24.666545	6.23E-15	8.14E-13	-6632.479		241.048891	-377.228403	-6377.383		3.76E-15	5.07E-13	-2487.257	-3.59E-13	
0.75000	418.421538	3972.261	24.666545	1.00000	537.972970	5030.889	-6.10E-13	241.048891	-421.160520	-7578.787		0.25000	321.862722	2955.967	-3.59E-13	
31.398319	418.421538	4040.057	27.378386	6.23E-15	1.12E-12	-9148.093		241.048891	-465.413702	-8796.243		3.76E-15	3.96E-13	-3220.282	-3.65E-13	
1.00000	418.421538	4040.057	27.378386	Program SAP2000 Nonlinear Version 7.42				241.048891	-465.413702	-8796.243		File:청도1교하행_P9_본체.OUT				
31.398319	418.421538	4040.057	27.378386	File:청도1교하행_P9_본체.OUT				Page				: AAbutPier SAP2000 6-7 데이타파일 : 교각 본체				
				601				603				604				
COMB ULB03 ----- 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				COMB ULB12 ----- 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	V2	0.00000	537.972970	4901.385		REL DIST	T	P	V2	REL DIST	T	P	V2	V3
				0.25000	537.972970	4965.122										
31.398319	418.421538	3781.048	17.018036	6.23E-15	5.16E-13	-4181.617		0.00000	517.281702	4653.535	172.686925	0.00000	321.862722	2908.499	-3.53E-13	
0.25000	418.421538	3842.757	19.486370	0.50000	537.972970	4965.122	-5.95E-13	241.048891	-290.288339	-4020.786		3.76E-15	5.07E-13	-2487.257	-3.59E-13	
31.398319	418.421538	3842.757	19.486370	6.23E-15	6.64E-13	-5399.208		0.25000	517.281702	4712.870	173.873624	0.00000	3.96E-13	-3220.282	-3.65E-13	
0.50000	418.421538	3906.494	22.035873	0.50000	537.972970	4965.122		0.50000	517.281702	4774.156	175.099347	0.00000	4.86E-13	-3965.370	-3.71E-13	
31.398319	418.421538	3972.261	24.666545	6.23E-15	8.14E-13	-6632.479		241.048891	-377.228403	-6377.383		3.76E-15	5.07E-13	-2487.257	-3.59E-13	
0.75000	418.421538	3972.261	24.666545	1.00000	537.972970	5030.889	-6.10E-13	241.048891	-421.160520	-7578.787		0.25000	321.862722	2955.967	-3.59E-13	
31.398319	418.421538	4040.057	27.378386	6.23E-15	1.12E-12	-9148.093		241.048891	-465.413702	-8796.243		3.76E-15	3.96E-13	-3220.282	-3.65E-13	
1.00000	418.421538	4040.057	27.378386	Program SAP2000 Nonlinear Version 7.42				241.048891	-465.413702	-8796.243		File:청도1교하행_P9_본체.OUT				
31.398319	418.421538	4040.057	27.378386	File:청도1교하행_P9_본체.OUT				Page				: AAbutPier SAP2000 6-7 데이타파일 : 교각 본체				
				601				603				604				
COMB ULB04 ----- MAX				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 ULB17 ----- 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	V2	0.00000	537.972970	4901.385		REL DIST	T	P	V2	REL DIST	T	P	V2	V3
				0.25000	537.972970	4965.122										
15.699160	418.421538	3781.048	8.509018	6.23E-15	5.16E-13	-4181.617		0.00000	517.281702	4653.535	172.686925	0.00000	321.862722	2908.499	-3.53E-13	
0.25000	418.421538	3842.757	9.743185	0.50000	537.972970	4965.122	-5.95E-13	241.048891	-290.288339	-4020.786		3.76E-15	5.07E-13	-2487.257	-3.59E-13	
15.699160	418.421538	3842.757	9.743185	6.23E-15	6.64E-13	-5399.208		0.25000	517.281702	4712.870	173.873624	0.00000	3.96E-13	-3220.282	-3.65E-13	
0.50000	418.421538	3906.494	22.035873	0.50000	537.972970	4965.122		0.50000	517.281702	4774.156	175.099347	0.00000	4.86E-13	-3965.370	-3.71E-13	
15.699160	418.421538	3972.261	24.666545	6.23E-15	8.14E-13	-6632.479		241.048891	-377.228403	-6377.383		3.76E-15	5.07E-13	-2487.257	-3.59E-13	
0.75000	418.421538	3972.261	24.666545	1.00000	537.972970	5030.889	-6.10E-13	241.048891	-421.160520	-7578.787		0.25000	321.862722	2955.967	-3.59E-13	
15.699160	418.421538	4040.057	27.378386	6.23E-15	1.12E-12	-9148.093		241.048891	-465.413702	-8796.243		3.76E-15	3.96E-13	-3220.282	-3.65E-13	
15.699160	418.421538	4040.057	27.378386	Program SAP2000 Nonlinear Version 7.42				241.048891	-465.413702	-8796.243		File:청도1교하행_P9_본체.OUT				
15.699160	418.421538	4040.057	27.378386	File:청도1교하행_P9_본체.OUT				Page				: AAbutPier SAP2000 6-7 데이타파일 : 교각 본체				
				600				603				604				
COMB ULB04 ----- 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				COMB ULB18 ----- MAX				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	V2	0.00000	537.972970	4901.385		REL DIST	T	P	V2	REL DIST	T	P	V2	V3
				0.25000	537.972970	4965.122										
15.699160	418.421538	3781.048	8.509018	6.23E-15	5.16E-13	-4181.617		0.00000	517.281702	4653.535	172.686925	0.00000	321.862722	2908.499	-3.53E-13	
0.25000	418.421538	3842.757	9.743185	0.50000	537.972970	4965.122	-5.95E-13	241.048891	-290.288339	-4020.786		3.76E-15	5.07E-13	-2487.257	-3.59E-13	
15.699160	418.421538	3842.757	9.743185	6.23E-15	6.64E-13	-5399.208		0.25000	517.281702	4712.870	173.873624	0.00000	3.96E-13	-3220.282	-3.65E-13	
0.50000	418.421538	3906.494	22.035873	0.50000	537.972970	4965.122		0.50000	517.281702	4774.156	175.099347	0.00000	4.86E-13	-3965.370	-3.71E-13	
15.699160	418.421538	3972.261	24.666545	6.23E-15	8.14E-13	-6632.479		241.048891	-377.228403	-6377.383		3.76E-15	5.07E-13	-2487.257	-3.59E-13	
0.75000	418.421538	3972.261	24.666545	1.00000	537.972970	5030.889	-6.10E-13	241.048891	-421.160520	-7578.787		0.25000	321.862722	2955.967	-3.59E-13	
15.699160	418.421538	4040.057	27.378386	6.23E-15	1.12E-12	-9148.093		241.048891	-465.413702	-8796.243		3.76E-15	3.96E-13	-3220.282	-3.65E-13	
15.699160	418.421538	4040.057	27.378386	Program SAP2000 Nonlinear Version 7.42				241.048891	-465.413702	-8796.243		File:청도1교하행_P9_본체.OUT				
15.699160	418.421538	4040.057	27.378386	File:청도1교하행_P9_본체.OUT				Page				: AAbutPier SAP2000 6-7 데이타파일 : 교각 본체				
				600				603				604				
COMB ULB05 ----- MAX				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 ULB19 ----- 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	V2	0.00000	537.972970	4901.385		REL DIST	T	P	V2	REL DIST	T	P	V2	V3
				0.25000	537.972970	4965.122										
31.398319	418.421538	3781.048	8.509018	6.23E-15	5.16E-13	-4181.617		0.00000	517.281702	4653.535	172.686925	0.00000	321.862722	2908.499	-3.53E-13	
0.25000	418.421538	3842.757	9.743185	0.50000	537.972970	4965.122	-5.95E-13	241.048891	-290.288339	-4020.786		3.76E-15	5.07E-13	-2487.257	-3.59E-13	
31.398319	418.421538	3842.757	9.743185	6.23E-15	6.64E-13	-5399.208		0.25000	517.281702	4712.870	173.873624	0.00000	3.96E-13	-3		

3.76E-15	4.86E-13	-3965.370		
0.75000	321.862722	3055.585	-3.71E-13	
3.76E-15	5.78E-13	-4722.910		
1.00000	321.862722	3107.736	-3.77E-13	
3.76E-15	6.72E-13	-5493.293		
COMB	UEB03	-----	MAX	
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	321.862722	2908.499	17.018036	
31.398319	0.768202	-2487.257		
0.25000	321.862722	2955.967	19.486370	
31.398319	-3.793158	-3220.282		
0.50000	321.862722	3004.996	22.035873	
31.398319	-8.981747	-3965.370		
0.75000	321.862722	3055.585	24.666545	
31.398319	-14.817859	-4722.910		
1.00000	321.862722	3107.736	27.378386	
31.398319	-21.321784	-5493.293		

COMB	UEB03	-----	MIN	
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	321.862722	2908.499	17.018036	
31.398319	0.768202	-2487.257		
0.25000	321.862722	2955.967	19.486370	
31.398319	-3.793158	-3220.282		
0.50000	321.862722	3004.996	22.035873	
31.398319	-8.981747	-3965.370		
0.75000	321.862722	3055.585	24.666545	
31.398319	-14.817859	-4722.910		
1.00000	321.862722	3107.736	27.378386	
31.398319	-21.321784	-5493.293		

COMB	UEB04	-----	MAX	
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	441.414154	3967.127	8.509018	
15.699160	0.384101	-3435.440		
0.25000	441.414154	4014.595	9.743185	
15.699160	-1.896579	-4433.123		
0.50000	441.414154	4063.624	11.017937	
15.699160	-4.490874	-5442.868		
0.75000	441.414154	4114.214	12.333272	
15.699160	-7.408929	-6465.065		
1.00000	441.414154	4166.364	13.689193	
15.699160	-10.660892	-7500.105		

COMB	UEB04	-----	MIN	
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	441.414154	3967.127	8.509018	
15.699160	0.384101	-3435.440		
0.25000	441.414154	4014.595	9.743185	
15.699160	-1.896579	-4433.123		
0.50000	441.414154	4063.624	11.017937	
15.699160	-4.490874	-5442.868		
0.75000	441.414154	4114.214	12.333272	
15.699160	-7.408929	-6465.065		
1.00000	441.414154	4166.364	13.689193	
15.699160	-10.660892	-7500.105		
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FRAME ELEMENT INTERNAL FORCES				
COMB	UEB05	-----	MAX	
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	321.862722	2908.499	8.509018	
15.699160	0.384101	-2487.257		
0.25000	321.862722	2955.967	9.743185	
15.699160	-1.896579	-3220.282		
0.50000	321.862722	3004.996	11.017937	
15.699160	-4.490874	-3965.370		
0.75000	321.862722	3055.585	12.333272	
15.699160	-7.408929	-4722.910		
1.00000	321.862722	3107.736	13.689193	
15.699160	-10.660892	-5493.293		

COMB	UEB05	-----	MIN	
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	321.862722	2908.499	8.509018	
15.699160	0.384101	-2487.257		
0.25000	321.862722	2955.967	9.743185	
15.699160	-1.896579	-3220.282		
0.50000	321.862722	3004.996	11.017937	
15.699160	-4.490874	-3965.370		
0.75000	321.862722	3055.585	12.333272	
15.699160	-7.408929	-4722.910		
1.00000	321.862722	3107.736	13.689193	
15.699160	-10.660892	-5493.293		

COMB	UEB06	-----	MAX	
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	441.414154	3967.127	171.085384	
234.991687	-302.283973	-3435.440		
0.25000	441.414154	4014.595	171.085384	
234.991687	-345.055320	-4433.123		
0.50000	441.414154	4063.624	171.085384	
234.991687	-387.826666	-5442.868		
0.75000	441.414154	4114.214	171.085384	
234.991687	-430.598012	-6465.065		
1.00000	441.414154	4166.364	171.085384	
234.991687	-473.369358	-7500.105		

COMB	UEB06	-----	MIN	
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	441.414154	3967.127	171.085384	
234.991687	-302.283973	-3435.440		
0.25000	441.414154	4014.595	171.085384	
234.991687	-345.055320	-4433.123		
0.50000	441.414154	4063.624	171.085384	
234.991687	-387.826666	-5442.868		
0.75000	441.414154	4114.214	171.085384	
234.991687	-430.598012	-6465.065		
1.00000	441.414154	4166.364	171.085384	
234.991687	-473.369358	-7500.105		

COMB	UEB07	-----	MAX	
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	441.414154	3967.127	-4.81E-13	
5.10E-15	4.24E-13	-3435.440		
0.25000	441.414154	4014.595	-4.87E-13	
5.10E-15	5.45E-13	-4433.123		
0.50000	441.414154	4063.624	-4.93E-13	
5.10E-15	6.68E-13	-5442.868		
0.75000	441.414154	4114.214	-4.99E-13	
5.10E-15	7.92E-13	-6465.065		
1.00000	441.414154	4166.364	-5.05E-13	
5.10E-15	9.17E-13	-7500.105		

COMB	UEB07	-----	MIN	
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REL DIST	P	V2	V3	
T	M2	M3		
0.00000	441.414154	3967.127	-4.81E-13	
5.10E-15	4.24E-13	-3435.440		
0.25000	441.414154	4014.595	-4.87E-13	
5.10E-15	5.45E-13	-4433.123		
0.50000	441.414154	4063.624	-4.93E-13	
5.10E-15	6.68E-13	-5442.868		
0.75000	441.414154	4114.214	-4.99E-13	
5.10E-15	7.92E-13	-6465.065		
1.00000	441.414154	4166.364	-5.05E-13	
5.10E-15	9.17E-13	-7500.105		
Program	SAP2000	Nonlinear	Version 7.42	
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FRAME ELEMENT INTERNAL FORCES				
COMB	UEB08	-----	MAX	
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	321.862722	2908.499	171.085384	
234.991687	-302.283973	-2487.257		
0.25000	321.862722	2955.967	171.085384	
234.991687	-345.055320	-3220.282		
0.50000	321.862722	3004.996	171.085384	
234.991687	-387.826666	-3965.370		
0.75000	321.862722	-4722.910	171.085384	
1.00000	321.862722	3107.736	171.085384	
234.991687	-473.369358	-5493.293		

COMB	UEB08	-----	MIN	
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	321.862722	2908.499	171.085384	
234.991687	-302.283973	-2487.257		
0.25000	321.862722	2955.967	171.085384	
234.991687	-345.055320	-3220.282		
0.50000	321.862722	3004.996	171.085384	
234.991687	-387.826666	-3965.370		
0.75000	321.862722	3055.585	171.085384	
234.991687	-430.598012	-4722.910		
1.00000	321.862722	3107.736	171.085384	
234.991687	-473.369358	-5493.293		

COMB	UEB09	-----	MAX	
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	321.862722	2908.499	-3.53E-13	
3.76E-15	3.07E-13	-2487.257		
0.25000	321.862722	2955.967	-3.59E-13	
3.76E-15	3.96E-13	-3220.282		
0.50000	321.862722	3004.996	-3.65E-13	
3.76E-15	4.86E-13	-3965.370		
0.75000	321.862722	3055.585	-3.71E-13	
3.76E-15	5.78E-13	-4722.910		
1.00000	321.862722	3107.736	-3.77E-13	
3.76E-15	6.72E-13	-5493.293		

COMB	UEB09	-----	MIN	
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	321.862722	2908.499	-3.53E-13	
3.76E-15	3.07E-13	-2487.257		
0.25000	321.862722	2955.967	-3.59E-13	
3.76E-15	3.96E-13	-3220.282		
0.50000	321.862722	3004.996	-3.65E-13	
3.76E-15	4.86E-13	-3965.370		
0.75000	321.862722	3055.585	-3.71E-13	
3.76E-15	5.78E-13	-4722.910		
1.00000	321.862722	3107.736	-3.77E-13	
3.76E-15	6.72E-13	-5493.293		

COMB	UEB10	-----	MAX	
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	305.769586	2763.074	180.868673	
256.144237	-289.919011	-2362.894		
0.25000	305.769586	2808.168	183.242072	
256.144237	-335.431228	-3059.268		
0.50000	305.769586	2854.746	185.693517	
256.144237	-381.546551	-3767.102		
0.75000	305.769586	2902.806	188.223009	
256.144237	-428.284491	-4486.765		
1.00000	305.769586	2952.349	190.830548	
256.144237	-475.664559	-5218.628		

COMB	UEB10	-----	MIN	
REL DIST	P	V2		
T	M2	M3	V3	
0.00000	305.769586	2763.074	180.868673	
256.144237	-289.919011	-2362.894		
0.25000	305.769586	2808.168	183.242072	
256.144237	-335.431228	-3059.268		
0.50000	305.769586	2854.746	185.693517	
256.144237	-381.546551	-3767.102		
0.75000	305.769586	2902.806	188.223009	
256.144237	-428.284491	-4486.765		
1.00000	305.769586	2952.349	190.830548	
256.144237	-475.664559	-5218.628		
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FRAME ELEMENT INTERNAL FORCES				
COMB	UEB11	-----	MAX	
REL DIST	P	M2	M3	V3
T				
0.00000	305.769586		2763.074	16.363496
30.190692	0.738655		-2362.894	
0.25000	305.769586		2808.168	18.736894
30.190692	-3.647267		-3059.268	
0.50000	305.769586		2854.746	21.188340
30.190692	-8.636296		-3767.102	
0.75000	305.769586		2902.806	23.717832
30.190692	-14.247941		-4486.765	
1.00000	305.769586		2952.349	26.325371

0.00000 211.228466 3714.371 -4.51E-13
4.98E-15 4.17E-13 -3383.185
0.25000 211.228466 3761.838 -4.56E-13
4.98E-15 5.95E-13 -4317.679
0.50000 211.228466 3810.867 -4.62E-13
4.98E-15 6.45E-13 -5264.234
0.75000 211.228466 3861.457 -4.69E-13
4.98E-15 7.62E-13 -6223.242
1.00000 211.228466 3913.608 -4.75E-13
4.98E-15 8.80E-13 -7195.093

COMB SVO03 ----- MIN

REL DIST T P M2 V2 V3
0.00000 211.228466 3714.371 -4.51E-13
4.98E-15 4.17E-13 -3383.185
0.25000 211.228466 3761.838 -4.56E-13
4.98E-15 5.31E-13 -4317.679
0.50000 211.228466 3810.867 -4.62E-13
4.98E-15 6.45E-13 -5264.234
0.75000 211.228466 3861.457 -4.69E-13
4.98E-15 7.62E-13 -6223.242
1.00000 211.228466 3913.608 -4.75E-13
4.98E-15 8.80E-13 -7195.093

COMB SVO04 ----- MAX

REL DIST T P M2 V2 V3
0.00000 347.185991 4241.255 -5.15E-13
5.55E-15 4.65E-13 -3772.479
0.25000 347.185991 4288.723 -5.20E-13
5.55E-15 5.95E-13 -4317.679
0.50000 347.185991 4337.752 -5.26E-13
5.55E-15 7.26E-13 -5916.970
0.75000 347.185991 4388.342 -5.32E-13
5.55E-15 8.58E-13 -7007.700
1.00000 347.185991 4440.493 -5.39E-13
5.55E-15 9.92E-13 -8111.272

COMB SVO04 ----- MIN

REL DIST T P M2 V2 V3
0.00000 347.185991 4241.255 -5.15E-13
5.55E-15 4.65E-13 -3772.479
0.25000 347.185991 4288.723 -5.20E-13
5.55E-15 5.95E-13 -4317.679
0.50000 347.185991 4337.752 -5.26E-13
5.55E-15 7.26E-13 -5916.970
0.75000 347.185991 4388.342 -5.32E-13
5.55E-15 8.58E-13 -7007.700
1.00000 347.185991 4440.493 -5.39E-13
5.55E-15 9.92E-13 -8111.272
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FRAME ELEMENT INTERNAL FORCES

COMB SVO05 ----- MAX

REL DIST T P M2 V2 V3
0.00000 255.223351 3426.926 -4.16E-13
4.52E-15 3.75E-13 -3043.107
0.25000 255.223351 3474.394 -4.22E-13
4.52E-15 4.80E-13 -3905.739
0.50000 255.223351 3523.423 -4.28E-13
4.52E-15 5.86E-13 -4780.434
0.75000 255.223351 3574.013 -4.34E-13
4.52E-15 6.94E-13 -5667.581
1.00000 255.223351 3626.164 -4.40E-13
4.52E-15 8.03E-13 -6567.570

COMB SVO05 ----- MIN

REL DIST T P M2 V2 V3
0.00000 255.223351 3426.926 -4.16E-13
4.52E-15 3.75E-13 -3043.107
0.25000 255.223351 3474.394 -4.22E-13
4.52E-15 4.80E-13 -3905.739
0.50000 255.223351 3523.423 -4.28E-13
4.52E-15 5.86E-13 -4780.434
0.75000 255.223351 3574.013 -4.34E-13
4.52E-15 6.94E-13 -5667.581
1.00000 255.223351 3626.164 -4.40E-13
4.52E-15 8.03E-13 -6567.570

COMB SVO06 ----- MAX

REL DIST T P M2 V2 V3
0.00000 284.422384 3722.553 -4.52E-13
5.15E-15 4.88E-13 -3947.251
0.25000 284.422384 3770.021 -4.58E-13
5.15E-15 6.01E-13 -4883.790
0.50000 284.422384 3819.050 -4.63E-13
5.15E-15 7.16E-13 -5832.391
0.75000 284.422384 3869.640 -4.70E-13
5.15E-15 8.33E-13 -6793.445
1.00000 284.422384 3921.790 -4.76E-13
5.15E-15 9.51E-13 -7767.341

COMB SVO06 ----- MIN

REL DIST T P M2 V2 V3
0.00000 284.422384 3722.553 -4.52E-13
5.15E-15 4.88E-13 -3947.251
0.25000 284.422384 3770.021 -4.58E-13
5.15E-15 6.01E-13 -4883.790
0.50000 284.422384 3819.050 -4.63E-13
5.15E-15 7.16E-13 -5832.391
0.75000 284.422384 3869.640 -4.70E-13
5.15E-15 8.33E-13 -6793.445
1.00000 284.422384 3921.790 -4.76E-13
5.15E-15 9.51E-13 -7767.341

COMB SVO07 ----- MAX

REL DIST T P M2 V2 V3
0.00000 413.849951 3724.185 -4.52E-13
4.79E-15 3.97E-13 -3218.753
0.25000 413.849951 3771.653 -4.58E-13
4.79E-15 5.11E-13 -4155.700
0.50000 413.849951 3820.682 -4.64E-13
4.79E-15 6.26E-13 -5104.710
0.75000 413.849951 3871.272 -4.70E-13
4.79E-15 7.43E-13 -6066.171
1.00000 413.849951 3923.423 -4.76E-13
4.79E-15 8.61E-13 -7040.476

COMB SVO07 ----- MIN

REL DIST T P M2 V2 V3
0.00000 413.849951 3724.185 -4.52E-13
4.79E-15 3.97E-13 -3218.753
0.25000 413.849951 3771.653 -4.58E-13
4.79E-15 5.11E-13 -4155.700
0.50000 413.849951 3820.682 -4.64E-13
4.79E-15 6.26E-13 -5104.710
0.75000 413.849951 3871.272 -4.70E-13

4.79E-15 7.43E-13 -6066.171
1.00000 413.849951 3923.423 -4.76E-13
4.79E-15 8.61E-13 -7040.476
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FRAME ELEMENT INTERNAL FORCES

COMB SVO08 ----- MAX

REL DIST T P M2 V2 V3
0.00000 192.459744 2908.223 -3.53E-13
4.13E-15 3.98E-13 -3217.879
0.25000 192.459744 2955.691 -3.59E-13
4.13E-15 4.87E-13 -3950.836
0.50000 192.459744 3004.720 -3.65E-13
4.13E-15 5.77E-13 -4695.855
0.75000 192.459744 3055.310 -3.71E-13
4.13E-15 6.69E-13 -5453.326
1.00000 192.459744 3107.461 -3.77E-13
4.13E-15 7.62E-13 -6223.640

COMB SVO08 ----- MIN

REL DIST T P M2 V2 V3
0.00000 192.459744 2908.223 -3.53E-13
4.13E-15 3.98E-13 -3217.879
0.25000 192.459744 2955.691 -3.59E-13
4.13E-15 4.87E-13 -3950.836
0.50000 192.459744 3004.720 -3.65E-13
4.13E-15 5.77E-13 -4695.855
0.75000 192.459744 3055.310 -3.71E-13
4.13E-15 6.69E-13 -5453.326
1.00000 192.459744 3107.461 -3.77E-13
4.13E-15 7.62E-13 -6223.640

COMB SVO09 ----- MAX

REL DIST T P M2 V2 V3
0.00000 321.887311 2909.856 -3.53E-13
3.76E-15 3.07E-13 -2489.381
0.25000 321.887311 2957.324 -3.59E-13
3.76E-15 3.96E-13 -3222.746
0.50000 321.887311 3006.353 -3.65E-13
3.76E-15 4.87E-13 -3968.173
0.75000 321.887311 3056.943 -3.71E-13
3.76E-15 5.79E-13 -4726.053
1.00000 321.887311 3109.093 -3.77E-13
3.76E-15 6.72E-13 -5496.775

COMB SVO09 ----- MIN

REL DIST T P M2 V2 V3
0.00000 321.887311 2909.856 -3.53E-13
3.76E-15 3.07E-13 -2489.381
0.25000 321.887311 2957.324 -3.59E-13
3.76E-15 3.96E-13 -3222.746
0.50000 321.887311 3006.353 -3.65E-13
3.76E-15 4.87E-13 -3968.173
0.75000 321.887311 3056.943 -3.71E-13
3.76E-15 5.79E-13 -4726.053
1.00000 321.887311 3109.093 -3.77E-13
3.76E-15 6.72E-13 -5496.775

COMB SVO10 ----- MAX

REL DIST T P M2 V2 V3
0.00000 81.800899 3712.738 -4.51E-13
5.34E-15 5.07E-13 -4111.683
0.25000 81.800899 3760.206 -4.56E-13
5.34E-15 6.21E-13 -5045.768
0.50000 81.800899 3809.235 -4.62E-13
5.34E-15 7.36E-13 -5991.916
0.75000 81.800899 3859.825 -4.68E-13
5.34E-15 8.52E-13 -6950.516
1.00000 81.800899 3911.976 -4.75E-13
5.34E-15 9.70E-13 -7921.958

COMB SVO10 ----- MIN

REL DIST T P M2 V2 V3
0.00000 81.800899 3712.738 -4.51E-13
5.34E-15 5.07E-13 -4111.683
0.25000 81.800899 3760.206 -4.56E-13
5.34E-15 6.21E-13 -5045.768
0.50000 81.800899 3809.235 -4.62E-13
5.34E-15 7.36E-13 -5991.916
0.75000 81.800899 3859.825 -4.68E-13
5.34E-15 8.52E-13 -6950.516
1.00000 81.800899 3911.976 -4.75E-13
5.34E-15 9.70E-13 -7921.958
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FRAME ELEMENT INTERNAL FORCES

COMB SVO11 ----- MAX

REL DIST T P M2 V2 V3
0.00000 211.228466 3714.371 -4.51E-13
4.98E-15 4.17E-13 -3383.185
0.25000 211.228466 3761.838 -4.56E-13
4.98E-15 5.31E-13 -4317.679
0.50000 211.228466 3810.867 -4.62E-13
4.98E-15 6.45E-13 -5264.234
0.75000 211.228466 3861.457 -4.69E-13
4.98E-15 7.62E-13 -6223.242
1.00000 211.228466 3913.608 -4.75E-13
4.98E-15 8.80E-13 -7195.093

COMB SVO11 ----- MIN

REL DIST T P M2 V2 V3
0.00000 211.228466 3714.371 -4.51E-13
4.98E-15 4.17E-13 -3383.185
0.25000 211.228466 3761.838 -4.56E-13
4.98E-15 5.31E-13 -4317.679
0.50000 211.228466 3810.867 -4.62E-13
4.98E-15 6.45E-13 -5264.234
0.75000 211.228466 3861.457 -4.69E-13
4.98E-15 7.62E-13 -6223.242
1.00000 211.228466 3913.608 -4.75E-13
4.98E-15 8.80E-13 -7195.093

COMB SVO12 ----- MAX

REL DIST T P M2 V2 V3
0.00000 217.758424 4239.623 -5.15E-13
5.91E-15 5.56E-13 -4500.976
0.25000 217.758424 4287.091 -5.20E-13
5.91E-15 6.85E-13 -5566.783
0.50000 217.758424 4336.120 -5.26E-13
5.91E-15 8.16E-13 -6644.652
0.75000 217.758424 4386.710 -5.32E-13
5.91E-15 9.48E-13 -7734.973
1.00000 217.758424 4438.860 -5.39E-13
5.91E-15 1.08E-12 -8838.137

5.91E-15 8.16E-13 -6644.652
0.75000 217.758424 4386.710 -5.32E-13
5.91E-15 9.48E-13 -7734.973
1.00000 217.758424 4438.860 -5.39E-13
5.91E-15 1.08E-12 -8838.137

COMB SVO12 ----- MIN

REL DIST T P M2 V2 V3
0.00000 217.758424 4239.623 -5.15E-13
5.91E-15 5.56E-13 -4500.976
0.25000 217.758424 4287.091 -5.20E-13
5.91E-15 6.85E-13 -5566.783
0.50000 217.758424 4336.120 -5.26E-13
5.91E-15 8.16E-13 -6644.652
0.75000 217.758424 4386.710 -5.32E-13
5.91E-15 9.48E-13 -7734.973
1.00000 217.758424 4438.860 -5.39E-13
5.91E-15 1.08E-12 -8838.137

COMB SVO13 ----- MAX

REL DIST T P M2 V2 V3
0.00000 347.185991 4241.255 -5.15E-13
5.55E-15 4.65E-13 -3772.479
0.25000 347.185991 4288.723 -5.20E-13
5.55E-15 5.95E-13 -4317.679
0.50000 347.185991 4337.752 -5.26E-13
5.55E-15 7.26E-13 -5916.970
0.75000 347.185991 4388.342 -5.32E-13
5.55E-15 8.58E-13 -7007.700
1.00000 347.185991 4440.493 -5.39E-13
5.55E-15 9.92E-13 -8111.272

COMB SVO13 ----- MIN

REL DIST T P M2 V2 V3
0.00000 347.185991 4241.255 -5.15E-13
5.55E-15 4.65E-13 -3772.479
0.25000 347.185991 4288.723 -5.20E-13
5.55E-15 5.95E-13 -4317.679
0.50000 347.185991 4337.752 -5.26E-13
5.55E-15 7.26E-13 -5916.970
0.75000 347.185991 4388.342 -5.32E-13
5.55E-15 8.58E-13 -7007.700
1.00000 347.185991 4440.493 -5.39E-13
5.55E-15 9.92E-13 -8111.272
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

COMB SVO14 ----- MAX

REL DIST T P M2 V2 V3
0.00000 125.795784 3425.293 -4.16E-13
4.88E-15 4.66E-13 -3771.604
0.25000 125.795784 3472.761 -4.21E-13
4.88E-15 5.70E-13 -4633.829
0.50000 125.795784 3521.790 -4.27E-13
4.88E-15 6.76E-13 -5508.115
0.75000 125.795784 3572.380 -4.34E-13
4.88E-15 7.84E-13 -6394.854
1.00000 125.795784 3624.531 -4.40E-13
4.88E-15 8.93E-13 -7294.435

COMB SVO14 ----- MIN

REL DIST T P M2 V2 V3
0.00000 125.795784 3425.293 -4.16E-13
4.88E-15 4.66E-13 -3771.604
0.25000 125.795784 3472.761 -4.21E-13
4.88E-15 5.70E-13 -4633.829
0.50000 125.795784 3521.790 -4.27E-13
4.88E-15 6.76E-13 -5508.115
0.75000 125.795784 3572.380 -4.34E-13
4.88E-15 7.84E-13 -6394.854
1.00000 125.795784 3624.531 -4.40E-13
4.88E-15 8.93E-13 -7294.435

COMB SVO15 ----- MAX

REL DIST T P M2 V2 V3
0.00000 255.223351 3426.926 -4.16E-13
4.52E-15 3.75E-13 -3043.107
0.25000 255.223351 3474.394 -4.22E-13
4.52E-15 4.80E-13 -3905.739
0.50000 255.223351 3523.423 -4.28E-13
4.52E-15 5.86E-13 -4780.434
0.75000 255.223351 3574.013 -4.34E-13
4.52E-15 6.94E-13 -5667.581
1.00000 255.223351 3626.164 -4.40E-13
4.52E-15 8.03E-13 -6567.570

COMB SVO15 ----- MIN

REL DIST T P M2 V2 V3
0.00000 255.223351 3426.926 -4.16E-13
4.52E-15 3.75E-13 -3043.107
0.25000 255.223351 3474.394 -4.22E-13
4.52E-15 4.80E-13 -3905.739
0.50000 255.223351 3523.423 -4.28E-13
4.52E-15 5.86E-13 -4780.434
0.75000 255.223351 3574.013 -4.34E-13
4.52E-15 6.94E-13 -5667.581
1.00000 255.223351 3626.164 -4.40E-13
4.52E-15 8.03E-13 -6567.570

COMB ULO01 ----- MAX

REL DIST T P M2 V2 V3
0.00000 616.173180 5533.621 -6.71E-13
7.10E-15 5.93E-13 -4804.345
0.25000 616.173180 5595.329 -6.79E-13
7.10E-15 7.62E-13 -6195.421
0.50000 616.173180 5659.067 -6.87E-13
7.10E-15 9.33E-13 -7602.179
0.75000 616.173180 5724.834 -6.95E-13
7.10E-15 1.11E-12 -9025.124
1.00000 616.173180 5792.630 -7.03E-13
7.10E-15 1.28E-12 -10464.765

COMB ULO01 ----- MIN

REL DIST T P M2 V2 V3
0.00000 616.173180 5533.621 -6.71E-13
7.10E-15 5.93E-13 -4804.345
0.25000 616.173180 5595.329 -6.79E-13
7.10E-15 7.62E-13 -6195.421
0.50000 616.173180 5659.067 -6.87E-13
7.10E-15 9.33E-13 -7602.179
0.75000 616.173180 5724.834 -6.95E-13
7.10E-15 1.11E-12 -9025.124
1.00000 616.173180 5792.630 -7.03E-13
7.10E-15 1.28E-12 -10464.765
Program SAP2000 Nonlinear Version 7.42
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FRAME ELEMENT INTERNAL FORCES

U006-----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				0.00000 319.029189 4283.658 -5.20E-13				REL DIST T P M2 V2 V3		
REL DIST T	P M2	V2 M3	V3	COMB ULO11-----MAX	REL DIST T	P M2	V2 M3	V3	0.00000 319.029189 4342.992 -5.27E-13	0.00000 321.894688 2910.263 -3.53E-13				
0.00000 369.749099 4839.319			-5.87E-13		0.00000 264.035583 4642.963 -5.63E-13	0.00000 319.029189 4404.279 -5.34E-13	0.00000 321.894688 2957.731 -3.59E-13							
6.70E-15 6.13E-13 -5149.426			-5.95E-13		6.22E-15 5.21E-13 -4228.984 -5.71E-13	0.75000 319.029189 4467.516 -5.42E-13	0.50000 321.894688 3006.760 -3.65E-13							
0.25000 369.749099 4901.027			-5.95E-13		0.25000 264.035583 4702.298 -5.71E-13	0.50000 319.029189 4532.704 -5.50E-13	0.75000 321.894688 3057.350 -3.71E-13							
6.70E-15 7.82E-13 -6348.927			-6.02E-13		6.22E-15 6.63E-13 -5397.098 -5.78E-13	0.75000 319.029189 4532.704 -5.50E-13	3.77E-15 5.79E-13 -4726.995 -3.77E-13							
0.50000 369.749099 4964.765			-6.02E-13		0.50000 264.035583 4763.584 -5.78E-13	0.75000 319.029189 4532.704 -5.50E-13	1.00000 321.894688 3109.501 -3.77E-13							
6.70E-15 9.31E-13 -7582.108			-6.10E-13		6.22E-15 9.52E-13 -7779.053 -5.94E-13									
0.75000 369.749099 5030.531			-6.10E-13		1.00000 264.035583 4892.010 -5.94E-13									
6.70E-15 1.08E-12 -8891.478			-6.19E-13		6.22E-15 1.10E-12 -8993.866									
1.00000 369.749099 5098.327			-6.19E-13											
6.70E-15 1.24E-12 -10097.543														
COMB ULO07-----MAX				COMB ULO11-----MIN				COMB UEO02-----MIN				REL DIST T P M2 V2 V3		
REL DIST T	P M2	V2 M3	V3	REL DIST T	P M2	V2 M3	V3	REL DIST T	P M2	V2 M3	REL DIST T	P M2	V2 M3	V3
0.00000 538.004936 4841.441			-5.87E-13	0.00000 264.035583 4642.963 -5.63E-13	0.00000 272.198029 5299.529 -6.43E-13	3.76E-15 3.07E-13 -2489.381 -3.59E-13	0.00000 178.038190 3956.132 -4.80E-13							
6.23E-15 5.17E-13 -4184.379			-5.95E-13	6.22E-15 5.21E-13 -4228.984 -5.71E-13	7.39E-15 6.95E-13 -5626.220 -6.50E-13	3.76E-15 3.96E-13 -3222.744 -3.65E-13	5.34E-15 4.50E-13 -3651.963 -4.86E-13							
0.25000 538.004936 4903.149			-5.95E-13	6.22E-15 6.63E-13 -5397.098 -5.71E-13	0.25000 272.198029 5358.864 -6.50E-13	0.50000 321.887311 3066.353 -3.65E-13	0.25000 178.038190 4003.600 -4.86E-13							
6.23E-15 6.64E-13 -5402.410			-6.03E-13	0.50000 264.035583 4763.584 -5.78E-13	7.39E-15 8.56E-13 -6958.479 -6.58E-13	3.76E-15 4.87E-13 -3968.173 -3.71E-13	5.34E-15 5.71E-13 -4646.897 -4.92E-13							
0.50000 538.004936 4966.887			-6.03E-13	6.22E-15 9.52E-13 -7779.053 -5.86E-13	0.50000 272.198029 5420.150 -6.58E-13	0.75000 321.887311 3056.943 -3.71E-13	0.50000 178.038190 4052.629 -4.92E-13							
6.23E-15 8.14E-13 -6636.123			-6.11E-13	1.00000 264.035583 4826.822 -5.94E-13	7.39E-15 1.02E-12 -8305.815 -6.65E-13	3.76E-15 6.72E-13 -5496.775 -3.77E-13	5.34E-15 6.93E-13 -5653.894 -4.98E-13							
0.75000 538.004936 5032.654			-6.11E-13	6.22E-15 1.00E-12 -8993.866	7.39E-15 1.19E-12 -9668.716 -6.73E-13	Program SAP2000 Nonlinear Version 7.42 File:청도1교하행_P9_본체.OUT	0.75000 178.038190 4103.219 -4.98E-13							
6.23E-15 9.66E-13 -7886.023			-6.19E-13				5.34E-15 8.17E-13 -6673.342 -5.04E-13							
1.00000 538.004936 5100.450			-6.19E-13				1.00000 178.038190 4155.370 -5.04E-13							
6.23E-15 1.12E-12 -9152.619							5.34E-15 9.42E-13 -7705.633							
COMB ULO07-----MIN				COMB ULO12-----MAX				COMB UEO03-----MIN				REL DIST T P M2 V2 V3		
REL DIST T	P M2	V2 M3	V3	REL DIST T	P M2	V2 M3	V3	REL DIST T	P M2	V2 M3	REL DIST T	P M2	V2 M3	V3
0.00000 538.004936 4841.441			-5.87E-13	0.00000 272.198029 5299.529 -6.43E-13	0.00000 272.198029 5299.529 -6.43E-13	3.76E-15 3.07E-13 -2489.381 -3.59E-13	0.00000 178.038190 3956.132 -4.80E-13							
6.23E-15 5.17E-13 -4184.379			-5.95E-13	7.39E-15 6.95E-13 -5626.220 -6.50E-13	7.39E-15 6.95E-13 -5626.220 -6.50E-13	3.76E-15 3.96E-13 -3222.744 -3.65E-13	5.34E-15 4.50E-13 -3651.963 -4.86E-13							
0.25000 538.004936 4903.149			-5.95E-13	0.25000 272.198029 5358.864 -6.50E-13	0.25000 272.198029 5358.864 -6.50E-13	0.50000 321.887311 3066.353 -3.65E-13	0.25000 178.038190 4003.600 -4.86E-13							
6.23E-15 6.64E-13 -5402.410			-6.03E-13	7.39E-15 8.56E-13 -6958.479 -6.58E-13	7.39E-15 8.56E-13 -6958.479 -6.58E-13	3.76E-15 4.87E-13 -3968.173 -3.71E-13	5.34E-15 5.71E-13 -4646.897 -4.92E-13							
0.50000 538.004936 4966.887			-6.03E-13	6.22E-15 9.52E-13 -7779.053 -5.86E-13	0.50000 272.198029 5420.150 -6.58E-13	0.75000 321.887311 3056.943 -3.71E-13	0.50000 178.038190 4052.629 -4.92E-13							
6.23E-15 8.14E-13 -6636.123			-6.11E-13	1.00000 264.035583 4826.822 -5.94E-13	7.39E-15 1.02E-12 -8305.815 -6.65E-13	3.76E-15 6.72E-13 -5496.775 -3.77E-13	5.34E-15 6.93E-13 -5653.894 -4.98E-13							
0.75000 538.004936 5032.654			-6.11E-13	6.22E-15 1.00E-12 -8993.866	7.39E-15 1.19E-12 -9668.716 -6.73E-13	Program SAP2000 Nonlinear Version 7.42 File:청도1교하행_P9_본체.OUT	0.75000 178.038190 4103.219 -4.98E-13							
6.23E-15 9.66E-13 -7886.023			-6.19E-13				5.34E-15 8.17E-13 -6673.342 -5.04E-13							
1.00000 538.004936 5100.450			-6.19E-13				1.00000 178.038190 4155.370 -5.04E-13							
6.23E-15 1.12E-12 -9152.619							5.34E-15 9.42E-13 -7705.633							
COMB ULO07-----MIN				COMB ULO12-----MAX				COMB UEO03-----MIN				REL DIST T P M2 V2 V3		
REL DIST T	P M2	V2 M3	V3	REL DIST T	P M2	V2 M3	V3	REL DIST T	P M2	V2 M3	REL DIST T	P M2	V2 M3	V3
0.00000 538.004936 4841.441			-5.87E-13	0.00000 272.198029 5299.529 -6.43E-13	0.00000 272.198029 5299.529 -6.43E-13	3.76E-15 3.07E-13 -2489.381 -3.59E-13	0.00000 178.038190 3956.132 -4.80E-13							
6.23E-15 5.17E-13 -4184.379			-5.95E-13	7.39E-15 6.95E-13 -5626.220 -6.50E-13	7.39E-15 6.95E-13 -5626.220 -6.50E-13	3.76E-15 3.96E-13 -3222.744 -3.65E-13	5.34E-15 4.50E-13 -3651.963 -4.86E-13							
0.25000 538.004936 4903.149			-5.95E-13	0.25000 272.198029 5358.864 -6.50E-13	0.25000 272.198029 5358.864 -6.50E-13	0.50000 321.887311 3066.353 -3.65E-13	0.25000 178.038190 4003.600 -4.86E-13							
6.23E-15 6.64E-13 -5402.410			-6.03E-13	7.39E-15 8.56E-13 -6958.479 -6.58E-13	7.39E-15 8.56E-13 -6958.479 -6.58E-13	3.76E-15 4.87E-13 -3968.173 -3.71E-13	5.34E-15 5.71E-13 -4646.897 -4.92E-13							
0.50000 538.004936 4966.887			-6.03E-13	6.22E-15 9.52E-13 -7779.053 -5.86E-13	0.50000 272.198029 5420.150 -6.58E-13	0.75000 321.887311 3056.943 -3.71E-13	0.50000 178.038190 4052.629 -4.92E-13							
6.23E-15 8.14E-13 -6636.123			-6.11E-13	1.00000 264.035583 4826.822 -5.94E-13	7.39E-15 1.02E-12 -8305.815 -6.65E-13	3.76E-15 6.72E-13 -5496.775 -3.77E-13	5.34E-15 6.93E-13 -5653.894 -4.98E-13							
0.75000 538.004936 5032.654			-6.11E-13	6.22E-15 1.00E-12 -8993.866	7.39E-15 1.19E-12 -9668.716 -6.73E-13	Program SAP2000 Nonlinear Version 7.42 File:청도1교하행_P9_본체.OUT	0.75000 178.038190 4103.219 -4.98E-13							
6.23E-15 9.66E-13 -7886.023			-6.19E-13				5.34E-15 8.17E-13 -6673.342 -5.04E-13							
1.00000 538.004936 5100.450			-6.19E-13				1.00000 178.038190 4155.370 -5.04E-13							
6.23E-15 1.12E-12 -9152.619							5.34E-15 9.42E-13 -7705.633							
COMB ULO07-----MIN				COMB ULO12-----MAX				COMB UEO03-----MIN				REL DIST T P M2 V2 V3		
REL DIST T	P M2	V2 M3	V3	REL DIST T	P M2	V2 M3	V3	REL DIST T	P M2	V2 M3	REL DIST T	P M2	V2 M3	V3
0.00000 538.004936 4841.441			-5.87E-13	0.00000 272.198029 5299.529 -6.43E-13	0.00000 272.198029 5299.529 -6.43E-13	3.76E-15 3.07E-13 -2489.381 -3.59E-13	0.00000 178.038190 3956.132 -4.80E-13							
6.23E-15 5.17E-13 -4184.379			-5.95E-13	7.39E-15 6.95E-13 -5626.220 -6.50E-13	7.39E-15 6.95E-13 -5626.220 -6.50E-13	3.76E-15 3.96E-13 -3222.744 -3.65E-13	5.34E-15 4.50E-13 -3651.963 -4.86E-13							
0.25000 538.004936 4903.149			-5.95E-13	0.25000 272.198029 5358.864 -6.50E-13	0.25000 272.198029 5358.864 -6.50E-13	0.50000 321.887311 3066.353 -3.65E-13	0.25000 178.038190 4003.600 -4.86E-13							
6.23E-15 6.64E-13 -5402.410			-6.03E-13	7.39E-15 8.56E-13 -6958.479 -6.58E-13	7.39E-15 8.56E-13 -6958.479 -6.58E-13	3.76E-15 4.87E-13 -3968.173 -3.71E-13	5.34E-15 5.71E-13 -4646.897 -4.92E-13							
0.50000 538.004936 4966.887			-6.03E-13	6.22E-15 9.52E-13 -7779.053 -5.86E-13	0.50000 272.198029 5420.150 -6.58E-13	0.75000 321.887311 3056.943 -3.71E-13	0.50000 178.038190 4052.629 -4.92E-13							
6.23E-15 8.14E-13 -6636.123			-6.11E-13	1.00000 264.035583 4826.822 -5.94E-13	7.39E-15 1.02E-12 -8305.815 -6.65E-13	3.76E-15 6.72E-13 -5496.775 -3.77E-13	5.34E-15 6.93E-13 -5653.894 -4.98E-13							
0.75000 538.004936 5032.654			-6.11E-13	6.22E-15 1.00E-12 -8993.866	7.39E-15 1.19E-12 -9668.716 -6.73E-13	Program SAP2000 Nonlinear Version 7.42 File:청도1교하행_P9_본체.OUT	0.75000 178.038190 4103.219 -4.98E-13							
6.23E-15 9.66E-13 -7886.023			-6.19E-13				5.34E-15 8.17E-13 -6673.342 -5.04E-13							
1.00000 538.004936 5100.450			-6.19E-13				1.00000 178.038190 4155.370 -5.04E-13							
6.23E-15 1.12E-12 -9152.619							5.34E-15 9.42E-13 -7705.633							
COMB ULO07-----MIN				COMB ULO12-----MAX				COMB UEO03-----MIN				REL DIST T P M2 V2 V3		
REL DIST T	P M2	V2 M3	V3	REL DIST T	P M2	V2 M3	V3	REL DIST T	P M2	V2 M3	REL DIST T	P M2	V2 M3	V3
0.00000 538.004936 4841.441			-5.87E-13	0.00000 272.198029 5299.529 -6.43E-13	0.00000 272.198029 5299.529 -6.43E-13	3.76E-15 3.07E-13 -2489.381 -3.59E-13	0.00000 178.038190 3956.132 -4.80E-13							
6.23E-15 5.17E-13 -4184.379			-5.95E-13	7.39E-15 6.95E-13 -5626.220 -6.50E-13	7.39E-15 6.95E-13 -5626.220 -6.50E-13	3.76E-15 3.96E-13 -3222.744 -3.65E-13	5.34E-15 4.50E-13 -3651.963 -4.86E-13							
0.25000 538.004936 4903.149			-5.95E-13	0.25000 272.198029 5358.864 -6.50E-13	0.25000 272.198029 5358.864 -6.50E-13	0.50000 321.887311 3066.353 -3.65E-13	0.25000 178.038190 4003.600 -4.86E-13							
6.23E-15 6.64E-13 -5402.410			-6.03E-13	7.39E-15 8.56E-13 -6958.479 -6.58E-13	7.39E-15 8.56E-13 -6958.479 -6.58E-13	3.76E-15 4.87E-13 -3968.173 -3.71E-13	5.34E-15 5.71E-13 -4646.897 -4.92E-13							
0.50000 538.004936 4966.887			-6.03E-13	6.22E-15 9.52E-13 -7779.053 -5.86E-13	0.50000 272.198029 5420.150 -6.58E-13	0.75000 321.887311 3056.943 -3.71E-13	0.50000 178.038190 4052.629 -4.92E-13							
6.23E-15 8.14E-13 -6636.123			-6.11E-13	1.00000 264.035583 4826.822 -5.94E-13	7.39E-15 1.02E-12 -8305.815 -6.65E-13	3.76E-15 6.72E-13 -5496.775 -3.77E-13	5.34E-15 6.93E-13 -5653.894 -4.98E-13							
0.75000 538.004936 5032.654			-6.11E-13	6.22E-15 1.00E-12 -8993.866	7.39E-15 1.19E-12 -9668.716 -6.73E-13	Program SAP2000 Nonlinear Version 7.42 File:청도1교하행_P9_본체.OUT	0.75000 178.038190 4103.219 -4.98E-13							
6.23E-15 9.66E-13 -7886.023			-6.19E-13				5.34E-15 8.17E-13 -6673.342 -5.04E-13							
1.00000 538.004936 5100.450			-6.19E-13				1.00000 178.038190 4155.370 -5.04E-13							
6.23E-15 1.12E-12 -9152.619							5.34E-15 9.42E-13 -7705.633							
COMB ULO07-----MIN				COMB ULO12-----MAX				COMB UEO03-----MIN				REL DIST T P M2 V2 V3		
REL DIST T	P M2	V2 M3	V3	REL DIST T	P M2	V2 M3	V3	REL DIST T	P M2	V2 M3	REL DIST T	P M2	V2 M3	V3
0.00000 538.004936 4841.441			-5.87E-13	0.00000 272.198029 5299.529 -6.43E-13	0.00000 272.198029 5299.529 -6.43E-13	3.76E-15 3.07E-13 -2489.381 -3.59E-13	0.00000 178.038190 3956.132 -4.80E-13							
6.23E-15 5.17E-13 -4184.379			-5.95E-13	7.39E-15 6.95E-13 -5626.220 -6.50E-13	7.39E-15 6.95E-13 -5626.220 -6.50E-13	3.76E-15 3.96E-13 -3222.744 -3.65E-13	5.34E-15 4.50E-13 -3651.963 -4.86E-13							
0.25000 538.004936 4903.149			-5.95E-13	0.25000 272.198029 5358.864 -6.50E-13	0.25									

5.57E-15	7.85E-13	-6392.497			
0.75000	273.190282	4113.856	-4.99E-13		
5.57E-15	9.09E-13	-7414.605			
1.00000	273.190282	4168.007	-5.06E-13		
5.57E-15	1.04E-12	-8449.555			
COMB	UEO07	-----	MAX		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	441.446120	3968.891	-4.82E-13		
5.10E-15	4.24E-13	-3438.202			
0.25000	441.446120	4016.359	-4.87E-13		
5.10E-15	5.46E-13	-4436.326			
0.50000	441.446120	4065.388	-4.93E-13		
5.10E-15	6.68E-13	-5446.512			
0.75000	441.446120	4115.978	-4.99E-13		
5.10E-15	7.92E-13	-6469.150			
1.00000	441.446120	4168.129	-5.06E-13		
5.10E-15	9.18E-13	-7504.631			
COMB	UEO07	-----	MIN		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	441.446120	3968.891	-4.82E-13		
5.10E-15	4.24E-13	-3438.202			
0.25000	441.446120	4016.359	-4.87E-13		
5.10E-15	5.46E-13	-4436.326			
0.50000	441.446120	4065.388	-4.93E-13		
5.10E-15	6.68E-13	-5446.512			
0.75000	441.446120	4115.978	-4.99E-13		
5.10E-15	7.92E-13	-6469.150			
1.00000	441.446120	4168.129	-5.06E-13		
5.10E-15	9.18E-13	-7504.631			
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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	UEO08	-----	MAX		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	153.638850	2908.141	-3.53E-13		
4.24E-15	4.25E-13	-3437.065			
0.25000	153.638850	2955.609	-3.59E-13		
4.24E-15	5.14E-13	-4170.002			
0.50000	153.638850	3004.638	-3.65E-13		
4.24E-15	6.04E-13	-4915.000			
0.75000	153.638850	3055.228	-3.71E-13		
4.24E-15	6.96E-13	-5672.450			
1.00000	153.638850	3107.378	-3.77E-13		
4.24E-15	7.90E-13	-6442.744			
COMB	UEO08	-----	MIN		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	153.638850	2908.141	-3.53E-13		
4.24E-15	4.25E-13	-3437.065			
0.25000	153.638850	2955.609	-3.59E-13		
4.24E-15	5.14E-13	-4170.002			
0.50000	153.638850	3004.638	-3.65E-13		
4.24E-15	6.04E-13	-4915.000			
0.75000	153.638850	3055.228	-3.71E-13		
4.24E-15	6.96E-13	-5672.450			
1.00000	153.638850	3107.378	-3.77E-13		
4.24E-15	7.90E-13	-6442.744			
COMB	UEO09	-----	MAX		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	321.894688	2910.263	-3.53E-13		
3.77E-15	3.07E-13	-2490.019			
0.25000	321.894688	2957.731	-3.59E-13		
3.77E-15	3.96E-13	-3223.485			
0.50000	321.894688	3006.760	-3.65E-13		
3.77E-15	4.87E-13	-3969.014			
0.75000	321.894688	3057.350	-3.71E-13		
3.77E-15	5.79E-13	-4726.985			
1.00000	321.894688	3109.501	-3.77E-13		
3.77E-15	6.72E-13	-5497.819			
COMB	UEO09	-----	MIN		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	321.894688	2910.263	-3.53E-13		
3.77E-15	3.07E-13	-2490.019			
0.25000	321.894688	2957.731	-3.59E-13		
3.77E-15	3.96E-13	-3223.485			
0.50000	321.894688	3006.760	-3.65E-13		
3.77E-15	4.87E-13	-3969.014			
0.75000	321.894688	3057.350	-3.71E-13		
3.77E-15	5.79E-13	-4726.985			
1.00000	321.894688	3109.501	-3.77E-13		
3.77E-15	6.72E-13	-5497.819			
COMB	UEO10	-----	MAX		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	5.692307	3768.373	-4.57E-13		
5.54E-15	5.42E-13	-4393.426			
0.25000	5.692307	3813.467	-4.63E-13		
5.54E-15	6.57E-13	-5341.125			
0.50000	5.692307	3860.045	-4.68E-13		
5.54E-15	7.74E-13	-6300.284			
0.75000	5.692307	3908.105	-4.74E-13		
5.54E-15	8.91E-13	-7271.271			
1.00000	5.692307	3957.649	-4.80E-13		
5.54E-15	1.01E-12	-8254.460			
COMB	UEO10	-----	MIN		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	5.692307	3768.373	-4.57E-13		
5.54E-15	5.42E-13	-4393.426			
0.25000	5.692307	3813.467	-4.63E-13		
5.54E-15	6.57E-13	-5341.125			
0.50000	5.692307	3860.045	-4.68E-13		
5.54E-15	7.74E-13	-6300.284			
0.75000	5.692307	3908.105	-4.74E-13		
5.54E-15	8.91E-13	-7271.271			
1.00000	5.692307	3957.649	-4.80E-13		
5.54E-15	1.01E-12	-8254.460			
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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	UEO11	-----	MAX		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	167.476766	3770.414	-4.58E-13		
5.09E-15	4.29E-13	-3482.804			
0.25000	167.476766	3815.508	-4.63E-13		
5.09E-15	5.44E-13	-4431.014			
0.50000	167.476766	3862.086	-4.69E-13		
5.09E-15	6.61E-13	-5390.682			
0.75000	167.476766	3910.146	-4.74E-13		
5.09E-15	7.79E-13	-6362.180			
1.00000	167.476766	3959.689	-4.80E-13		
5.09E-15	8.98E-13	-7345.878			
COMB	UEO11	-----	MIN		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	167.476766	3770.414	-4.58E-13		
5.09E-15	4.29E-13	-3482.804			
0.25000	167.476766	3815.508	-4.63E-13		
5.09E-15	5.44E-13	-4431.014			
0.50000	167.476766	3862.086	-4.69E-13		
5.09E-15	6.61E-13	-5390.682			
0.75000	167.476766	3910.146	-4.74E-13		
5.09E-15	7.79E-13	-6362.180			
1.00000	167.476766	3959.689	-4.80E-13		
5.09E-15	8.98E-13	-7345.878			
COMB	UEO12	-----	MAX		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	175.639213	4426.979	-5.37E-13		
6.26E-15	6.03E-13	-4880.043			
0.25000	175.639213	4472.074	-5.43E-13		
6.26E-15	7.38E-13	-5892.394			
0.50000	175.639213	4518.651	-5.48E-13		
6.26E-15	8.74E-13	-7116.204			
0.75000	175.639213	4566.711	-5.54E-13		
6.26E-15	1.01E-12	-8251.843			
1.00000	175.639213	4616.255	-5.60E-13		
6.26E-15	1.15E-12	-9399.683			
COMB	UEO13	-----	MAX		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	337.423672	4429.020	-5.37E-13		
5.81E-15	4.90E-13	-3969.421			
0.25000	337.423672	4474.114	-5.43E-13		
5.81E-15	6.25E-13	-5082.282			
0.50000	337.423672	4520.692	-5.49E-13		
5.81E-15	7.61E-13	-6206.602			
0.75000	337.423672	4568.752	-5.54E-13		
5.81E-15	8.99E-13	-7342.752			
1.00000	337.423672	4618.295	-5.60E-13		
5.81E-15	1.04E-12	-8491.102			
COMB	UEO13	-----	MIN		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	337.423672	4429.020	-5.37E-13		
5.81E-15	4.90E-13	-3969.421			
0.25000	337.423672	4474.114	-5.43E-13		
5.81E-15	6.25E-13	-5082.282			
0.50000	337.423672	4520.692	-5.49E-13		
5.81E-15	7.61E-13	-6206.602			
0.75000	337.423672	4568.752	-5.54E-13		
5.81E-15	8.99E-13	-7342.752			
1.00000	337.423672	4618.295	-5.60E-13		
5.81E-15	1.04E-12	-8491.102			
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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	UEO14	-----	MAX		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	60.685913	3409.067	-4.14E-13		
4.98E-15	4.90E-13	-3968.329			
0.25000	60.685913	3454.162	-4.19E-13		
4.98E-15	5.94E-13	-4826.201			
0.50000	60.685913	3500.739	-4.25E-13		
4.98E-15	7.00E-13	-5695.533			
0.75000	60.685913	3548.800	-4.31E-13		
4.98E-15	8.07E-13	-6576.695			
1.00000	60.685913	3598.343	-4.37E-13		
4.98E-15	9.15E-13	-7470.056			
COMB	UEO14	-----	MIN		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	60.685913	3409.067	-4.14E-13		
4.98E-15	4.90E-13	-3968.329			
0.25000	60.685913	3454.162	-4.19E-13		
4.98E-15	5.94E-13	-4826.201			
0.50000	60.685913	3500.739	-4.25E-13		
4.98E-15	7.00E-13	-5695.533			
0.75000	60.685913	3548.800	-4.31E-13		
4.98E-15	8.07E-13	-6576.695			
1.00000	60.685913	3598.343	-4.37E-13		
4.98E-15	9.15E-13	-7470.056			
COMB	UEO15	-----	MAX		
REL DIST	P	V2			
T	M2	M3	V3		
0.00000	222.470372	3411.108	-4.14E-13		
4.53E-15	3.77E-13	-3057.707			
0.25000	222.470372	3456.202	-4.19E-13		
4.53E-15	4.81E-13	-3916.089			
0.50000	222.470372	3502.780	-4.25E-13		
4.53E-15	5.87E-13	-4785.931			
0.75000	222.470372	3550.840	-4.31E-13		
4.53E-15	6.94E-13	-5667.603			
1.00000	222.470372	3600.384	-4.37E-13		
4.53E-15	8.02E-13	-6561.475			
COMB	UEO15	-----	MIN		
REL DIST	P	V			

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	0.00000	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	0.00000	0.00000
0.50000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000
0.75000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000
1.00000	0.00000	0.00000	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		
0.00000	-110.658845	804.514611	-9.77E-14	
1.21E-15	2.07E-13	-1698.318		
0.25000	-110.658845	804.514611	-9.77E-14	
1.21E-15	2.19E-13	-1743.572		
0.50000	-110.658845	804.514611	-9.77E-14	
1.21E-15	2.18E-13	-1788.826		

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REL	DIST	P	V2	V3
T	M2	M3		
0.75000	-110.658845	804.514611	-9.77E-14	
1.21E-15	2.24E-13	-1834.080		
1.00000	-110.658845	804.514611	-9.77E-14	
1.21E-15	2.29E-13	-1879.334		

LOAD WL

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-11.334538	114.812798	-1.39E-14	
1.53E-16	2.71E-14	-221.635684		
0.25000	-11.334538	114.812798	-1.39E-14	
1.53E-16	2.79E-14	-228.094804		
0.50000	-11.334538	114.812798	-1.39E-14	
1.53E-16	2.86E-14	-234.555024		
0.75000	-11.334538	114.812798	-1.39E-14	
1.53E-16	2.94E-14	-241.011244		
1.00000	-11.334538	114.812798	-1.39E-14	
1.53E-16	3.02E-14	-247.469464		

LOAD G-TR

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	-129.427567	-1.632503	1.32E-16	
3.61E-16	9.02E-14	-726.865070		
0.25000	-129.427567	-1.632503	1.32E-16	
3.61E-16	9.02E-14	-726.773241		
0.50000	-129.427567	-1.632503	1.32E-16	
3.61E-16	9.02E-14	-726.681413		
0.75000	-129.427567	-1.632503	1.32E-16	
3.61E-16	9.02E-14	-726.589585		
1.00000	-129.427567	-1.632503	1.32E-16	
3.61E-16	9.02E-14	-726.497756		

LOAD E-TR

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	0.00000	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	0.00000	0.00000
0.50000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000
0.75000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000
1.00000	0.00000	0.00000	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		
0.00000	0.024589	1.357184	-1.65E-16	
2.63E-18	4.25E-16	-3.481551		
0.25000	0.024589	1.357184	-1.65E-16	
2.63E-18	4.34E-16	-3.557892		
0.50000	0.024589	1.357184	-1.65E-16	
2.63E-18	4.44E-16	-3.634234		
0.75000	0.024589	1.357184	-1.65E-16	
2.63E-18	4.53E-16	-3.710575		
1.00000	0.024589	1.357184	-1.65E-16	
2.63E-18	4.62E-16	-3.786917		

LOAD COL-TR

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	0.055925	3.086710	-3.75E-16	
5.98E-18	9.67E-16	-7.918260		
0.25000	0.055925	3.086710	-3.75E-16	
5.98E-18	9.88E-16	-8.091888		
0.50000	0.055925	3.086710	-3.75E-16	
5.98E-18	1.01E-15	-8.265515		
0.75000	0.055925	3.086710	-3.75E-16	
5.98E-18	1.03E-15	-8.439143		
1.00000	0.055925	3.086710	-3.75E-16	
5.98E-18	1.05E-15	-8.612770		

COMB SVB01

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	413.825362	3922.066	-4.76E-13	
4.79E-15	8.61E-13	-7036.994		

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FRAME ELEMENT INTERNAL FORCES

REL	DIST	P	V2	V3
T	M2	M3		
0.25000	413.825362	3932.487	-4.77E-13	
4.79E-15	8.87E-13	-7257.903		
0.50000	413.825362	3942.944	-4.78E-13	
4.79E-15	9.14E-13	-7479.400		
0.75000	413.825362	3953.437	-4.80E-13	
4.79E-15	9.41E-13	-7701.485		
1.00000	413.825362	3963.966	-4.81E-13	
4.79E-15	9.68E-13	-7924.162		

COMB SVB01

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	413.825362	3922.066	-4.76E-13	
4.79E-15	8.61E-13	-7036.994		
0.25000	413.825362	3932.487	-4.77E-13	
4.79E-15	8.87E-13	-7257.903		

0.50000	413.825362	3942.944	-4.78E-13	
4.79E-15	9.14E-13	-7479.400		
0.75000	413.825362	3953.437	-4.80E-13	
4.79E-15	9.41E-13	-7701.485		
1.00000	413.825362	3963.966	-4.81E-13	
4.79E-15	9.68E-13	-7924.162		

COMB SVB02

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	321.862722	3107.736	-3.77E-13	
3.76E-15	6.72E-13	-5493.293		
0.25000	321.862722	3118.158	-3.78E-13	
3.76E-15	6.93E-13	-5668.396		
0.50000	321.862722	3128.615	-3.80E-13	
3.76E-15	7.14E-13	-5844.086		
0.75000	321.862722	3139.108	-3.81E-13	
3.76E-15	7.36E-13	-6020.366		
1.00000	321.862722	3149.637	-3.82E-13	
3.76E-15	7.57E-13	-6197.237		

COMB SVB02

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	321.862722	3107.736	-3.77E-13	
3.76E-15	6.72E-13	-5493.293		
0.25000	321.862722	3118.158	-3.78E-13	
3.76E-15	6.93E-13	-5668.396		
0.50000	321.862722	3128.615	-3.80E-13	
3.76E-15	7.14E-13	-5844.086		
0.75000	321.862722	3139.108	-3.81E-13	
3.76E-15	7.36E-13	-6020.366		
1.00000	321.862722	3149.637	-3.82E-13	
3.76E-15	7.57E-13	-6197.237		

COMB SVB03

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	321.862722	3107.736	21.060297	
24.152553	-16.401372	-5493.293		
0.25000	321.862722	3118.158	21.477151	
24.152553	-17.597731	-5668.396		
0.50000	321.862722	3128.615	21.895440	
24.152553	-18.817579	-5844.086		
0.75000	321.862722	3139.108	22.315164	
24.152553	-20.060995	-6020.366		
1.00000	321.862722	3149.637	22.736322	
24.152553	-21.328061	-6197.237		

COMB SVB03

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	321.862722	3107.736	21.060297	
24.152553	-16.401372	-5493.293		
0.25000	321.862722	3118.158	21.477151	
24.152553	-17.597731	-5668.396		
0.50000	321.862722	3128.615	21.895440	
24.152553	-18.817579	-5844.086		
0.75000	321.862722	3139.108	22.315164	
24.152553	-20.060995	-6020.366		
1.00000	321.862722	3149.637	22.736322	
24.152553	-21.328061	-6197.237		

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FRAME ELEMENT INTERNAL FORCES

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	413.825362	3922.066	10.530148	
0.25000	413.825362	3932.487	10.738576	
0.50000	413.825362	3942.944	10.947720	
12.076277	-9.408789	-7479.400		
0.75000	413.825362	3953.437	11.157582	
12.076277	-10.030498	-7701.485		
1.00000	413.825362	3963.966	11.368161	
12.076277	-10.664031	-7924.162		

COMB SVB04

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	413.825362	3922.066	10.530148	
12.076277	-8.200686	-7036.994		
0.25000	413.825362	3932.487	10.738576	
12.076277	-8.798866	-7257.903		
0.50000	413.825362	3942.944	10.947720	
12.076277	-9.408789	-7479.400		
0.75000	413.825362	3953.437	11.157582	
12.076277	-10.030498	-7701.485		
1.00000	413.825362	3963.966	11.368161	
12.076277	-10.664031	-7924.162		

COMB SVB05

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	321.862722	3107.736	10.530148	
0.25000	321.862722	3118.158	10.738576	
0.50000	321.862722	3128.615	10.947720	
12.076277	-9.408789	-7479.400		
0.75000	321.862722	3139.108	11.157582	
12.076277	-10.030498	-7701.485		
1.00000	321.862722	3149.637	11.368161	
12.076277	-10.664031	-7924.162		

COMB SVB05

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	321.862722	3107.736	10.530148	
0.1276277	-8.200686	-5493.293		
0.25000	321.862722	3118.158	10.738576	
0.1276277	-8.798866	-5668.396		
0.50000	321.862722	3128.615	10.947720	
0.1276277	-9.408789	-5844.086		
0.75000	321.862722	3139.108	11.157582	
0.1276277	-10.030498	-6020.366		
1.00000	321.862722	3149.637	11.368161	
0.1276277	-10.664031	-6197.237		

12.076277 -8.200686 -5493.293 10.738576
0.25000 321.862722 3118.158
12.076277 -8.798666 -5668.396
0.50000 321.862722 3128.615 10.947720
12.076277 -9.408789 -5844.086
0.75000 321.862722 3139.108 11.571582
12.076277 -10.030498 -6020.366
1.00000 321.862722 3149.637 11.368161
12.076277 -10.664031 -6197.237
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L F O R C E S

COMB ULB01 ----- MAX

REL DIST T P M2 V2 V3
0.00000 616.141214 5790.865 -7.03E-13
7.10E-15 1.28E-12 -10460.239 -7.04E-13
0.25000 616.141214 5804.413
7.10E-15 1.32E-12 -10786.356 -7.06E-13
0.50000 616.141214 5818.007 -7.06E-13
7.10E-15 1.36E-12 -11113.236 -7.08E-13
0.75000 616.141214 5831.648 -7.08E-13
7.10E-15 1.40E-12 -11440.882 -7.09E-13
1.00000 616.141214 5845.336
7.10E-15 1.44E-12 -11769.297

COMB ULB01 ----- MIN

REL DIST T P M2 V2 V3
0.00000 616.141214 5790.865 -7.03E-13
7.10E-15 1.28E-12 -10460.239 -7.04E-13
0.25000 616.141214 5804.413
7.10E-15 1.32E-12 -10786.356 -7.06E-13
0.50000 616.141214 5818.007 -7.06E-13
7.10E-15 1.36E-12 -11113.236 -7.08E-13
0.75000 616.141214 5831.648 -7.08E-13
7.10E-15 1.40E-12 -11440.882 -7.09E-13
1.00000 616.141214 5845.336
7.10E-15 1.44E-12 -11769.297

COMB ULB02 ----- MAX

REL DIST T P M2 V2 V3
0.00000 418.421538 4040.057 -4.90E-13
4.89E-15 8.73E-13 -7141.281 -4.92E-13
0.25000 418.421538 4053.605 -4.93E-13
4.89E-15 9.01E-13 -7368.915 -4.93E-13
0.50000 418.421538 4067.199 -4.93E-13
4.89E-15 9.29E-13 -7597.312 -4.95E-13
0.75000 418.421538 4080.840 -4.95E-13
4.89E-15 9.57E-13 -7826.476 -4.95E-13
1.00000 418.421538 4094.528 -4.97E-13
4.89E-15 9.84E-13 -8056.408

COMB ULB02 ----- MIN

REL DIST T P M2 V2 V3
0.00000 418.421538 4040.057 -4.90E-13
4.89E-15 8.73E-13 -7141.281 -4.92E-13
0.25000 418.421538 4053.605 -4.93E-13
4.89E-15 9.01E-13 -7368.915 -4.93E-13
0.50000 418.421538 4067.199 -4.93E-13
4.89E-15 9.29E-13 -7597.312 -4.95E-13
0.75000 418.421538 4080.840 -4.95E-13
4.89E-15 9.57E-13 -7826.476 -4.95E-13
1.00000 418.421538 4094.528 -4.97E-13
4.89E-15 9.84E-13 -8056.408

COMB ULB03 ----- MAX

REL DIST T P M2 V2 V3
0.00000 418.421538 4040.057 27.378386
31.398319 -21.321784 -7141.281 27.920297
0.25000 418.421538 4053.605 28.464072
31.398319 -22.877051 -7368.915 28.464072
0.50000 418.421538 4067.199 29.009713
31.398319 -24.462852 -7597.312 29.009713
0.75000 418.421538 4080.840 29.557218
31.398319 -26.079294 -7826.476 29.557218
1.00000 418.421538 4094.528 29.557218
31.398319 -27.726480 -8056.408

COMB ULB03 ----- MIN

REL DIST T P M2 V2 V3
0.00000 418.421538 4040.057 27.378386
31.398319 -21.321784 -7141.281 27.920297
0.25000 418.421538 4053.605 28.464072
31.398319 -22.877051 -7368.915 28.464072
0.50000 418.421538 4067.199 29.009713
31.398319 -24.462852 -7597.312 29.009713
0.75000 418.421538 4080.840 29.557218
31.398319 -26.079294 -7826.476 29.557218
1.00000 418.421538 4094.528 29.557218
31.398319 -27.726480 -8056.408

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L F O R C E S

COMB ULB04 ----- MAX

REL DIST T P M2 V2 V3
0.00000 537.972970 5098.685 13.689193
15.699160 -10.660892 -9148.093 13.960148
0.25000 537.972970 5112.233
15.699160 -11.438525 -9435.274 14.232036
0.50000 537.972970 5125.827 14.232036
15.699160 -12.231426 -9723.220 14.504856
0.75000 537.972970 5139.468 14.504856
15.699160 -13.039647 -10011.931 14.778609
1.00000 537.972970 5153.156
15.699160 -13.863240 -10301.411

COMB ULB04 ----- MIN

REL DIST T P M2 V2 V3
0.00000 537.972970 5098.685 13.689193
15.699160 -10.660892 -9148.093 13.960148
0.25000 537.972970 5112.233
15.699160 -11.438525 -9435.274 14.232036
0.50000 537.972970 5125.827 14.232036
15.699160 -12.231426 -9723.220 14.504856
0.75000 537.972970 5139.468 14.504856
15.699160 -13.039647 -10011.931 14.778609
1.00000 537.972970 5153.156
15.699160 -13.863240 -10301.411

COMB ULB05 ----- MAX

REL DIST T P M2 V2 V3

T M2 M3
0.00000 418.421538 4040.057 13.689193
15.699160 -10.660892 -7141.281 13.960148
0.25000 418.421538 4053.605
15.699160 -11.438525 -7368.915
0.50000 418.421538 4067.199 14.232036
15.699160 -12.231426 -7597.312
0.75000 418.421538 4080.840 14.504856
15.699160 -13.039647 -7826.476 14.778609
15.699160 -13.863240 -8056.408

COMB ULB05 ----- MIN

REL DIST T P M2 V2 V3
0.00000 418.421538 4040.057 13.689193
15.699160 -10.660892 -7141.281 13.960148
0.25000 418.421538 4053.605
15.699160 -11.438525 -7368.915
0.50000 418.421538 4067.199 14.232036
15.699160 -12.231426 -7597.312
0.75000 418.421538 4080.840 14.504856
15.699160 -13.039647 -7826.476 14.778609
15.699160 -13.863240 -8056.408

COMB ULB06 ----- MAX

REL DIST T P M2 V2 V3
0.00000 537.972970 5098.685 171.085384
234.991687 -473.369358 -9148.093 171.085384
0.25000 537.972970 5112.233
234.991687 -482.992911 -9435.274 171.085384
0.50000 537.972970 5125.827 171.085384
234.991687 -492.616464 -9723.220 171.085384
0.75000 537.972970 5139.468 171.085384
234.991687 -502.240017 -10011.931 171.085384
1.00000 537.972970 5153.156 171.085384
234.991687 -511.863569 -10301.411

COMB ULB06 ----- MIN

REL DIST T P M2 V2 V3
0.00000 537.972970 5098.685 171.085384
234.991687 -473.369358 -9148.093 171.085384
0.25000 537.972970 5112.233
234.991687 -482.992911 -9435.274 171.085384
0.50000 537.972970 5125.827 171.085384
234.991687 -492.616464 -9723.220 171.085384
0.75000 537.972970 5139.468 171.085384
234.991687 -502.240017 -10011.931 171.085384
1.00000 537.972970 5153.156 171.085384
234.991687 -511.863569 -10301.411

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L F O R C E S

COMB ULB07 ----- MAX

REL DIST T P M2 V2 V3
0.00000 537.972970 5098.685 -6.19E-13
6.23E-15 1.12E-12 -9148.093 -6.20E-13
0.25000 537.972970 5112.233
6.23E-15 1.15E-12 -9435.274 -6.22E-13
0.50000 537.972970 5125.827
6.23E-15 1.19E-12 -9723.220 -6.24E-13
0.75000 537.972970 5139.468 -6.24E-13
6.23E-15 1.22E-12 -10011.931 -6.25E-13
1.00000 537.972970 5153.156
6.23E-15 1.26E-12 -10301.411

COMB ULB07 ----- MIN

REL DIST T P M2 V2 V3
0.00000 537.972970 5098.685 -6.19E-13
6.23E-15 1.12E-12 -9148.093 -6.20E-13
0.25000 537.972970 5112.233
6.23E-15 1.15E-12 -9435.274 -6.22E-13
0.50000 537.972970 5125.827
6.23E-15 1.19E-12 -9723.220 -6.24E-13
0.75000 537.972970 5139.468 -6.24E-13
6.23E-15 1.22E-12 -10011.931 -6.25E-13
1.00000 537.972970 5153.156
6.23E-15 1.26E-12 -10301.411

COMB ULB08 ----- MAX

REL DIST T P M2 V2 V3
0.00000 418.421538 4040.057 171.085384
234.991687 -473.369358 -9148.093 171.085384
0.25000 418.421538 4053.605 171.085384
234.991687 -482.992911 -9435.274 171.085384
0.50000 418.421538 4067.199 171.085384
234.991687 -492.616464 -9723.220 171.085384
0.75000 418.421538 4080.840 171.085384
234.991687 -502.240017 -10011.931 171.085384
1.00000 418.421538 4094.528 171.085384
234.991687 -511.863569 -8056.408

COMB ULB08 ----- MIN

REL DIST T P M2 V2 V3
0.00000 418.421538 4040.057 171.085384
234.991687 -473.369358 -9148.093 171.085384
0.25000 418.421538 4053.605 171.085384
234.991687 -482.992911 -9435.274 171.085384
0.50000 418.421538 4067.199 171.085384
234.991687 -492.616464 -9723.220 171.085384
0.75000 418.421538 4080.840 171.085384
234.991687 -502.240017 -10011.931 171.085384
1.00000 418.421538 4094.528 171.085384
234.991687 -511.863569 -8056.408

COMB ULB09 ----- MAX

REL DIST T P M2 V2 V3
0.00000 418.421538 4040.057 -4.90E-13
4.89E-15 8.73E-13 -7141.281 -4.92E-13
0.25000 418.421538 4053.605 -4.93E-13
4.89E-15 9.01E-13 -7368.915 -4.93E-13
0.50000 418.421538 4067.199 -4.93E-13
4.89E-15 9.29E-13 -7597.312 -4.95E-13
0.75000 418.421538 4080.840 -4.95E-13
4.89E-15 9.57E-13 -7826.476 -4.97E-13
1.00000 418.421538 4094.528
4.89E-15 9.84E-13 -8056.408

COMB ULB09 ----- MIN

REL DIST T P M2 V2 V3
0.00000 418.421538 4040.057 -4.90E-13
4.89E-15 8.73E-13 -7141.281 -4.92E-13
0.25000 418.421538 4053.605 -4.93E-13
4.89E-15 9.01E-13 -7368.915 -4.93E-13
0.50000 418.421538 4067.199 -4.93E-13
4.89E-15 9.29E-13 -7597.312

0.75000 418.421538 4080.840 -4.95E-13
4.89E-15 9.57E-13 -7826.476
0.00000 418.421538 4094.528 -4.97E-13
4.89E-15 9.84E-13 -8056.408
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L F O R C E S

COMB ULB10 ----- MAX

REL DIST T P M2 V2 V3
0.00000 402.328402 3884.670 190.830548
256.144237 -475.664559 -6866.616
0.25000 402.328402 3897.697 191.351616
256.144237 -486.413424 -7085.495
0.50000 402.328402 3910.769 191.874478
256.144237 -497.191650 -7305.108
0.75000 402.328402 3923.885 192.399132
256.144237 -507.999337 -7525.457
1.00000 402.328402 3937.046 192.925579
256.144237 -518.836586 -7746.546

COMB ULB10 ----- MIN

REL DIST T P M2 V2 V3
0.00000 402.328402 3884.670 190.830548
256.144237 -475.664559 -6866.616
0.25000 402.328402 3897.697 191.351616
256.144237 -486.413424 -7085.495
0.50000 402.328402 3910.769 191.874478
256.144237 -497.191650 -7305.108
0.75000 402.328402 3923.885 192.399132
256.144237 -507.999337 -7525.457
1.00000 402.328402 3937.046 192.925579
256.144237 -518.836586 -7746.546

COMB ULB11 ----- MAX

REL DIST T P M2 V2 V3
0.00000 402.328402 3884.670 26.325371
30.190692 -20.501715 -6866.616
0.25000 402.328402 3897.697 26.846439
30.190692 -21.997164 -7085.495
0.50000 402.328402 3910.769 27.369300
30.190692 -23.521973 -7305.108
0.75000 402.328402 3923.885 27.893955
30.190692 -25.076244 -7525.457
1.00000 402.328402 3937.046 28.420402
30.190692 -26.660077 -7746.546

COMB ULB11 ----- MIN

REL DIST T P M2 V2 V3
0.00000 402.328402 3884.670 26.325371
30.190692 -20.501715 -6866.616
0.25000 402.328402 3897.697 26.846439
30.190692 -21.997164 -7085.495
0.50000 402.328402 3910.769 27.369300
30.190692 -23.521973 -7305.108
0.75000 402.328402 3923.885 27.893955
30.190692 -25.076244 -7525.457
1.00000 402.328402 3937.046 28.420402
30.190692 -26.660077 -7746.546

COMB ULB12 ----- MAX

REL DIST T P M2 V2 V3
0.00000 517.281702 4902.582 177.667863
241.048891 -465.413702 -8796.243 177.928397
0.25000 517.281702 4915.609 178.189828
241.048891 -475.414842 -9072.379 178.452155
0.50000 517.281702 4928.680 178.715378
241.048891 -485.430663 -9349.250 178.715378
0.75000 517.281702 4941.797 178.452155
241.048891 -495.461215 -9626.857 178.715378
1.00000 517.281702 4954.958 178.715378
241.048891 -505.506547 -9905.203

COMB ULB12 ----- MIN

REL DIST T P M2 V2 V3
0.00000 517.281702 4902.582 177.667863
241.048891 -465.413702 -8796.243 177.928397
0.25000 517.281702 4915.609 178.189828
241.048891 -475.414842 -9072.379 178.452155
0.50000 517.281702 4928.680 178.715378
241.048891 -485.430663 -9349.250 178.715378
0.75000 517.281702 4941.797 178.452155
241.048891 -495.461215 -9626.857 178.715378
1.00000 517.281702 4954.958 178.715378
241.048891 -505.506547 -9905.203

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L F O R C E S

COMB ULB13 ----- MAX

REL DIST T P M2 V2 V3
0.00000 517.281702 4902.582 13.162685
15.095346 -10.250858 -8796.243 13.423220
0.25000 517.281702 4915.609 13.684650
15.095346 -10.998582 -9072.379 13.946977
0.50000 517.281702 4928.680 13.684650
15.095346 -12.538122 -9349.250 13.946977
0.75000 517.281702 4941.797 13

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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 UEB01 ----- MAX									
REL DIST	T	P	M2	V2	M3				V3
0.00000	519.582397			4858.544		-5.89E-13			
5.97E-15	1.08E-12			-8812.251		-5.91E-13			
0.25000	519.582397			4868.966					
5.97E-15	1.11E-12			-9085.837					
0.50000	519.582397			4879.423		-5.92E-13			
5.97E-15	1.14E-12			-9360.010					
0.75000	519.582397			4889.916		-5.93E-13			
5.97E-15	1.18E-12			-9634.772		-5.95E-13			
1.00000	519.582397			4900.445					
5.97E-15	1.21E-12			-9910.126					
COMB UEB01 ----- MIN									
REL DIST	T	P	M2	V2	M3				V3
0.00000	519.582397			4858.544		-5.89E-13			
5.97E-15	1.08E-12			-8812.251		-5.91E-13			
0.25000	519.582397			4868.966					
5.97E-15	1.11E-12			-9085.837		-5.92E-13			
0.50000	519.582397			4879.423		-5.93E-13			
5.97E-15	1.14E-12			-9360.010					
0.75000	519.582397			4889.916		-5.93E-13			
5.97E-15	1.18E-12			-9634.772		-5.95E-13			
1.00000	519.582397			4900.445					
5.97E-15	1.21E-12			-9910.126					
COMB UEB02 ----- MAX									
REL DIST	T	P	M2	V2	M3				V3
0.00000	321.862722			3107.736		-3.77E-13			
3.76E-15	6.72E-13			-5493.293		-3.78E-13			
0.25000	321.862722			3118.158					
3.76E-15	6.93E-13			-5668.396		-3.80E-13			
0.50000	321.862722			3128.615		-3.80E-13			
3.76E-15	7.14E-13			-5844.086					
0.75000	321.862722			3139.108		-3.81E-13			
3.76E-15	7.36E-13			-6020.366		-3.82E-13			
1.00000	321.862722			3149.637					
3.76E-15	7.57E-13			-6197.237					
COMB UEB02 ----- MIN									
REL DIST	T	P	M2	V2	M3				V3
0.00000	321.862722			3107.736		-3.77E-13			
3.76E-15	6.72E-13			-5493.293		-3.78E-13			
0.25000	321.862722			3118.158					
3.76E-15	6.93E-13			-5668.396		-3.80E-13			
0.50000	321.862722			3128.615		-3.80E-13			
3.76E-15	7.14E-13			-5844.086					
0.75000	321.862722			3139.108		-3.81E-13			
3.76E-15	7.36E-13			-6020.366		-3.82E-13			
1.00000	321.862722			3149.637					
3.76E-15	7.57E-13			-6197.237					
COMB UEB03 ----- MAX									
REL DIST	T	P	M2	V2	M3				V3
0.00000	321.862722			3107.736		27.378386			
31.398319	-21.321784			-5493.293		27.920297			
0.25000	321.862722			3118.158					
31.398319	-22.877051			-5668.396		28.464072			
0.50000	321.862722			3128.615		28.464072			
31.398319	-24.462852			-5844.086					
0.75000	321.862722			3139.108		29.009713			
31.398319	-26.079294			-6020.366		29.557218			
1.00000	321.862722			3149.637					
31.398319	-27.726480			-6197.237					
COMB UEB03 ----- MIN									
REL DIST	T	P	M2	V2	M3				V3
0.00000	321.862722			3107.736		27.378386			
31.398319	-21.321784			-5493.293		27.920297			
0.25000	321.862722			3118.158					
31.398319	-22.877051			-5668.396		28.464072			
0.50000	321.862722			3128.615		28.464072			
31.398319	-24.462852			-5844.086					
0.75000	321.862722			3139.108		29.009713			
31.398319	-26.079294			-6020.366		29.557218			
1.00000	321.862722			3149.637					
31.398319	-27.726480			-6197.237					
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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 UEB04 ----- MAX									
REL DIST	T	P	M2	V2	M3				V3
0.00000	441.414154			4166.364		13.689193			
15.699160	-10.660892			-7500.105		13.960148			
0.25000	441.414154			4176.786					
15.699160	-11.438525			-7734.756		14.232036			
0.50000	441.414154			4187.243		14.504856			
15.699160	-12.231426			-7969.994		14.778609			
0.75000	441.414154			4197.736					
15.699160	-13.039647			-8205.821					
1.00000	441.414154			4208.265					
15.699160	-13.863240			-8442.240					
COMB UEB04 ----- MIN									
REL DIST	T	P	M2	V2	M3				V3
0.00000	441.414154			4166.364		13.689193			
15.699160	-10.660892			-7500.105		13.960148			
0.25000	441.414154			4176.786					
15.699160	-11.438525			-7734.756		14.232036			
0.50000	441.414154			4187.243		14.504856			
15.699160	-12.231426			-7969.994		14.778609			
0.75000	441.414154			4197.736					
15.699160	-13.039647			-8205.821					
1.00000	441.414154			4208.265					
15.699160	-13.863240			-8442.240					
COMB UEB05 ----- MAX									
REL DIST	T	P	M2	V2	M3				V3
0.00000	321.862722			3107.736		13.689193			
15.699160	-10.660892			-5493.293		13.960148			
0.25000	321.862722			3118.158					
15.699160	-11.438525			-5668.396		14.232036			
0.50000	321.862722			3128.615		14.504856			
15.699160	-12.231426			-5844.086		14.778609			
0.75000	321.862722			3139.108					
15.699160	-13.039647			-6020.366					
1.00000	321.862722			3149.637					
15.699160	-13.863240			-6197.237					

REL DIST T	P M2	V2 M3	V3	0.50000	255.223351	3647.042	-4.42E-13	0.25000	81.800899	3922.397	-4.76E-13	4.88E-15	9.93E-13	-8114.658		
				4.52E-15	8.53E-13	-6976.687	-4.44E-13	5.34E-15	9.97E-13	-8142.300	-4.77E-13	COMB	SVO15	-----	MAX	
0.00000	413.849951	3923.423	-4.76E-13	0.75000	255.223351	3657.535		5.34E-15	81.800899	3932.854		REL DIST	T	P	V2	V3
4.79E-15	8.61E-13	-7040.476	-4.77E-13	1.00000	255.223351	3668.064	-4.45E-13	5.34E-15	1.02E-12	-8363.228	-4.79E-13	M2	M3			
0.25000	413.849951	3933.844	-4.77E-13	4.52E-15	9.03E-13	-7388.160		0.75000	81.800899	3943.347	-4.80E-13	M3				
4.79E-15	8.88E-13	-7261.461	-4.79E-13	COMB	SVO06	-----	MAX	5.34E-15	1.05E-12	-8584.746		0.00000	255.223351	3626.164	-4.40E-13	
0.50000	413.849951	3944.301	-4.79E-13	REL DIST	T	P	V2	5.34E-15	1.08E-12	-8806.856		4.52E-15	8.03E-13	-6567.570	-4.41E-13	
4.79E-15	9.15E-13	-7483.034	-4.80E-13	0.00000	284.422384	3921.790	-4.76E-13	0.00000	81.800899	3911.976	-4.75E-13	0.25000	255.223351	3636.585	-4.42E-13	
0.75000	413.849951	3954.476	-4.81E-13	5.15E-15	9.51E-13	-7767.341	-4.77E-13	0.25000	81.800899	3922.397	-4.76E-13	0.50000	255.223351	3647.042	-4.42E-13	
4.79E-15	9.42E-13	-7705.196	-4.81E-13	5.15E-15	9.78E-13	-7988.235	-4.78E-13	5.34E-15	9.70E-13	-7921.958	-4.79E-13	4.52E-15	8.53E-13	-6976.687	-4.44E-13	
1.00000	413.849951	3965.323	-4.81E-13	0.50000	284.422384	3942.669	-4.80E-13	5.34E-15	1.02E-12	-8363.228	-4.77E-13	0.75000	255.223351	3657.535	-4.45E-13	
4.79E-15	9.69E-13	-7927.949	-4.81E-13	5.15E-15	1.00E-12	-8209.715	-4.80E-13	5.34E-15	1.05E-12	-8584.746	-4.79E-13	4.52E-15	8.78E-13	-7182.128	-4.45E-13	
COMB	SVO01	-----	MIN	0.75000	284.422384	3953.162	-4.80E-13	5.34E-15	1.08E-12	-8806.856	-4.80E-13	1.00000	255.223351	3668.064	-4.45E-13	
REL DIST	T	P	V2	1.00000	284.422384	3963.691	-4.81E-13	4.52E-15	9.03E-13	-7388.160		COMB	SVO15	-----	MIN	
4.79E-15	8.88E-13	-7261.461	-4.79E-13	5.15E-15	1.03E-12	-8431.785	-4.81E-13	REL DIST	T	P	V2	REL DIST	T	P	V2	V3
0.00000	413.849951	3944.301	-4.79E-13	4.79E-15	9.42E-13	-7705.196	-4.81E-13	0.00000	211.228466	3913.608	-4.75E-13	4.52E-15	8.03E-13	-6567.570	-4.40E-13	
4.79E-15	9.15E-13	-7483.034	-4.80E-13	0.25000	413.849951	3933.844	-4.77E-13	4.98E-15	8.80E-13	-7195.093	-4.75E-13	0.25000	255.223351	3636.585	-4.41E-13	
0.75000	413.849951	3954.476	-4.80E-13	4.79E-15	8.88E-13	-7261.461	-4.77E-13	0.50000	211.228466	3924.029	-4.76E-13	4.52E-15	8.28E-13	-6771.835	-4.42E-13	
4.79E-15	9.42E-13	-7705.196	-4.81E-13	0.50000	284.422384	3942.669	-4.78E-13	4.98E-15	9.06E-13	-7415.526	-4.76E-13	0.50000	255.223351	3647.042	-4.42E-13	
1.00000	413.849951	3965.323	-4.81E-13	4.79E-15	9.15E-13	-7483.034	-4.79E-13	4.98E-15	9.33E-13	-7636.547	-4.79E-13	4.52E-15	8.53E-13	-6976.687	-4.44E-13	
4.79E-15	9.69E-13	-7927.949	-4.81E-13	0.75000	284.422384	3953.162	-4.80E-13	0.00000	81.800899	3922.397	-4.77E-13	0.75000	255.223351	3657.535	-4.45E-13	
COMB	SVO02	-----	MAX	1.00000	284.422384	3963.691	-4.81E-13	4.98E-15	9.33E-13	-7636.547	-4.79E-13	4.52E-15	8.78E-13	-7182.128	-4.45E-13	
REL DIST	T	P	V2	4.79E-15	9.42E-13	-7705.196	-4.81E-13	0.25000	81.800899	3943.347	-4.79E-13	4.52E-15	8.03E-13	-6567.570	-4.40E-13	
4.79E-15	8.88E-13	-7261.461	-4.79E-13	0.50000	284.422384	3942.669	-4.78E-13	0.50000	211.228466	3924.029	-4.76E-13	0.25000	255.223351	3636.585	-4.41E-13	
0.00000	413.849951	3944.301	-4.79E-13	4.79E-15	9.15E-13	-7483.034	-4.79E-13	4.98E-15	9.60E-13	-7858.157	-4.80E-13	4.52E-15	8.28E-13	-6771.835	-4.42E-13	
4.79E-15	9.15E-13	-7483.034	-4.80E-13	0.75000	284.422384	3953.162	-4.80E-13	0.75000	255.223351	3668.064	-4.45E-13	0.50000	255.223351	3647.042	-4.42E-13	
0.25000	413.849951	3933.844	-4.77E-13	1.00000	284.422384	3963.691	-4.81E-13	Program	SAP2000	Nonlinear	Version 7.42	Program	SAP2000	Nonlinear	Version 7.42	
4.79E-15	9.42E-13	-7705.196	-4.81E-13	4.79E-15	9.42E-13	-7705.196	-4.81E-13	File:청도1교하행_P9_본체.OUT				File:청도1교하행_P9_본체.OUT				
1.00000	413.849951	3965.323	-4.81E-13	COMB	SVO03	-----	MAX	Page				: AAbutPier	SAP2000	6-7	데이타파일 : 교각 본체	
4.79E-15	9.69E-13	-7927.949	-4.81E-13	REL DIST	T	P	V2	650								
COMB	SVO02	-----	MIN	REL DIST	T	P	V2	650								
REL DIST	T	P	V2	REL DIST	T	P	V2	650								
4.79E-15	8.88E-13	-7261.461	-4.79E-13	0.00000	211.228466	3913.608	-4.75E-13	0.00000	211.228466	3913.608	-4.75E-13	REL DIST	T	P	V2	V3
0.00000	413.849951	3944.301	-4.79E-13	4.98E-15	8.80E-13	-7195.093	-4.76E-13	4.98E-15	9.06E-13	-7415.526	-4.77E-13	4.52E-15	8.03E-13	-6567.570	-4.40E-13	
4.79E-15	9.15E-13	-7483.034	-4.80E-13	0.25000	211.228466	3924.029	-4.76E-13	0.50000	211.228466	3924.029	-4.76E-13	0.00000	616.173180	5792.630	-7.03E-13	
0.75000	413.849951	3954.476	-4.80E-13	4.98E-15	9.33E-13	-7636.547	-4.79E-13	0.75000	211.228466	3944.301	-4.79E-13	0.25000	616.173180	5806.177	-7.04E-13	
4.79E-15	9.69E-13	-7927.949	-4.81E-13	0.00000	81.800899	3922.397	-4.77E-13	0.00000	81.800899	3922.397	-4.77E-13	0.50000	616.173180	5819.772	-7.06E-13	
COMB	SVO03	-----	MAX	4.98E-15	9.60E-13	-7858.157	-4.80E-13	4.98E-15	9.87E-13	-8080.358	-4.80E-13	0.75000	616.173180	5833.413	-7.08E-13	
REL DIST	T	P	V2	4.98E-15	9.87E-13	-8080.358	-4.80E-13	COMB	SVO12	-----	MAX	0.75000	616.173180	5847.100	-7.09E-13	
4.79E-15	8.88E-13	-7261.461	-4.79E-13	REL DIST	T	P	V2	4.98E-15	9.87E-13	-8080.358	-4.80E-13	1.00000	616.173180	5874.100	-7.09E-13	
0.00000	413.849951	3944.301	-4.79E-13	5.91E-15	1.08E-12	-8838.137	-5.39E-13	REL DIST	T	P	V2	1.00000	616.173180	5897.100	-7.09E-13	
4.79E-15	9.15E-13	-7483.034	-4.80E-13	0.25000	217.758424	4438.860	-5.39E-13	REL DIST	T	P	V2	1.00000	616.173180	5910.100	-7.09E-13	
0.25000	413.849951	3933.844	-4.77E-13	5.91E-15	1.11E-12	-9088.116	-5.40E-13	REL DIST	T	P	V2	1.00000	616.173180	5923.100	-7.09E-13	
4.79E-15	9.42E-13	-7705.196	-4.81E-13	5.91E-15	1.14E-12	-9338.682	-5.41E-13	REL DIST	T	P	V2	1.00000	616.173180	5936.100	-7.09E-13	
COMB	SVO04	-----	MAX	5.91E-15	1.17E-12	-9589.837	-5.42E-13	REL DIST	T	P	V2	1.00000	616.173180	5949.100	-7.09E-13	
REL DIST	T	P	V2	5.91E-15	1.20E-12	-9841.583	-5.44E-13	REL DIST	T	P	V2	1.00000	616.173180	5962.100	-7.09E-13	
4.79E-15	8.88E-13	-7261.461	-4.79E-13	0.00000	217.758424	4440.761	-5.44E-13	REL DIST	T	P	V2	1.00000	616.173180	5975.100	-7.09E-13	
0.00000	413.849951	3944.301	-4.79E-13	5.91E-15	1.23E-12	-10142.300	-5.45E-13	REL DIST	T	P	V2	1.00000	616.173180	5988.100	-7.09E-13	
4.79E-15	9.15E-13	-7483.034	-4.80E-13	0.25000	217.758424	4442.929	-5.46E-13	REL DIST	T	P	V2	1.00000	616.173180	6001.100	-7.09E-13	
0.25000	413.849951	3933.844	-4.77E-13	5.91E-15	1.26E-12	-10394.413	-5.47E-13	REL DIST	T	P	V2	1.00000	616.173180	6014.100	-7.09E-13	
4.79E-15	9.42E-13	-7705.196	-4.81E-13	0.00000	81.800899	3922.397	-4.77E-13	REL DIST	T	P	V2	1.00000	616.173180	6027.100	-7.09E-13	
COMB	SVO05	-----	MIN	4.98E-15	9.33E-13	-7636.547	-4.79E-13	REL DIST	T	P	V2	1.00000	616.173180	6040.100	-7.09E-13	
REL DIST	T	P	V2	4.98E-15	9.60E-13	-7858.157	-4.80E-13	REL DIST	T	P	V2	1.00000	616.173180	6053.100	-7.09E-13	
4.79E-15	9.69E-13	-7927.949	-4.81E-13	0.00000	217.758424	4443.860	-5.39E-13	REL DIST	T	P	V2	1.00000	616.173180	6066.100	-7.09E-13	
COMB	SVO06	-----	MAX	5.91E-15	1.29E-12	-10644.765	-5.48E-13	REL DIST	T	P	V2	1.00000	616.173180	6079.100	-7.09E-13	
REL DIST	T	P	V2	5.91E-15	1.32E-12	-10896.981	-5.49E-13	REL DIST	T	P	V2	1.00000	616.173180	6092.100	-7.09E-13	
4.79E-15	8.88E-13	-7261.461	-4.79E-13	0.00000	217.758424	4444.991	-5.40E-13	REL DIST	T	P	V2	1.00000	616.173180	6105.100	-7.09E-13	
0.00000	413.849951	3944.301	-4.79E-13	5.91E-15	1.35E-12	-11147.960	-5.50E-13	REL DIST	T	P	V2	1.00000	616.173180	6118.100	-7.09E-13	
4.79E-15	9.15E-13	-7483.034	-4.80E-13	0.25000	217.758424	4446.122	-5.41E-13	REL DIST	T	P	V2	1.00000	616.173180	6131.100	-7.09E-13	
0.25000	413.849951	3933.844	-4.77E-13	5.91E-15	1.38E-12	-11399.977	-5.42E-13	REL DIST	T	P	V2	1.00000	616.173180	6144.100	-7.09E-13	
4.79E-15	9.42E-13	-7705.196	-4.81E-13	0.00000	81.800899	3922.397	-4.77E-13	REL DIST	T	P	V2	1.00000	616.173180	6157.100	-7.09E-13	
COMB	SVO07	-----	MIN	4.98E-15	9.33E-13	-7636.547	-4.79E-13	REL DIST	T	P	V2	1.00000	616.173180	6170.100	-7.09E-13	
REL DIST	T	P	V2	4.98E-15	9.60E-13	-7858.157	-4.80E-13	REL DIST	T	P	V2	1.00000	616.173180	6183.100	-7.09E-13	
4.79E-15	9.69E-13	-7927.949	-4.81E-13	0.00000	217.758424	4448.253	-5.43E-13	REL DIST	T	P	V2	1.00000	616.173180	6196.100	-7.09E-13	
COMB	SVO08	-----	MAX	5.91E-15	1.41E-12	-11702.000	-5.51E-13	REL DIST	T	P	V2	1.00000	616.173180	6209.100	-7.09E-13	
REL DIST	T	P	V2	5.91E-15	1.44E-12	-11954.015	-5.52E-13	REL DIST	T	P	V2	1.00000	616.173180	6222.100	-7.09E-13	
4.79E-15	8.88E-13	-7261.461	-4.79E-13	0.00000	217.758424	4450.384	-5.44E-13	REL DIST	T	P	V2	1.00000	616.173180	6235.100	-7.09E-13	
0.00000	413.849951	3944.301	-4.79E-13	5.91E-15	1.47E-12	-12206.020	-5.53E-13	REL DIST	T	P	V2	1.00000				

7.22E-15 1.41E-12 -11522.221
1.00000 451.341788 5827.112
7.22E-15 1.45E-12 -11849.611

COMB ULO04 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 451.341788 5772.641
7.22E-15 1.29E-12 -10540.853
0.25000 451.341788 5786.189
7.22E-15 1.33E-12 -10869.745
0.50000 451.341788 5799.783
7.22E-15 1.37E-12 -11195.600
0.75000 451.341788 5813.424
7.22E-15 1.41E-12 -11522.221
1.00000 451.341788 5827.112
7.22E-15 1.45E-12 -11849.611

COMB ULO05 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 331.790356 4714.013
5.88E-15 1.04E-12 -8537.842
0.25000 331.790356 4727.560
5.88E-15 1.08E-12 -8803.386
0.50000 331.790356 4741.155
5.88E-15 1.11E-12 -9069.693
0.75000 331.790356 4754.796
5.88E-15 1.14E-12 -9336.766
1.00000 331.790356 4768.483
5.88E-15 1.17E-12 -9604.608

COMB ULO05 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 331.790356 4714.013
5.88E-15 1.04E-12 -8537.842
0.25000 331.790356 4727.560
5.88E-15 1.08E-12 -8803.386
0.50000 331.790356 4741.155
5.88E-15 1.11E-12 -9069.693
0.75000 331.790356 4754.796
5.88E-15 1.14E-12 -9336.766
1.00000 331.790356 4768.483
5.88E-15 1.17E-12 -9604.608

COMB ULO06 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 369.749099 5098.327
6.70E-15 1.24E-12 -10097.543
0.25000 369.749099 5111.875
6.70E-15 1.27E-12 -10384.705
0.50000 369.749099 5125.470
6.70E-15 1.31E-12 -10672.630
0.75000 369.749099 5139.111
6.70E-15 1.34E-12 -10961.321
1.00000 369.749099 5152.798
6.70E-15 1.38E-12 -11250.781

COMB ULO06 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 369.749099 5098.327
6.70E-15 1.24E-12 -10097.543
0.25000 369.749099 5111.875
6.70E-15 1.27E-12 -10384.705
0.50000 369.749099 5125.470
6.70E-15 1.31E-12 -10672.630
0.75000 369.749099 5139.111
6.70E-15 1.34E-12 -10961.321
1.00000 369.749099 5152.798
6.70E-15 1.38E-12 -11250.781
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FRAME ELEMENT INTERNAL FORCES

COMB ULO07 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 538.004936 5100.450
6.23E-15 1.12E-12 -9152.619
0.25000 538.004936 5113.997
6.23E-15 1.15E-12 -9439.900
0.50000 538.004936 5127.592
6.23E-15 1.19E-12 -9727.944
0.75000 538.004936 5141.233
6.23E-15 1.22E-12 -10016.755
1.00000 538.004936 5154.920
6.23E-15 1.26E-12 -10306.334

COMB ULO07 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 538.004936 5100.450
6.23E-15 1.12E-12 -9152.619
0.25000 538.004936 5113.997
6.23E-15 1.15E-12 -9439.900
0.50000 538.004936 5127.592
6.23E-15 1.19E-12 -9727.944
0.75000 538.004936 5141.233
6.23E-15 1.22E-12 -10016.755
1.00000 538.004936 5154.920
6.23E-15 1.26E-12 -10306.334

COMB ULO08 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 250.197667 4039.699
5.36E-15 9.91E-13 -8090.732
0.25000 250.197667 4053.247
5.36E-15 1.02E-12 -8318.345
0.50000 250.197667 4066.841
5.36E-15 1.05E-12 -8540.723
0.75000 250.197667 4080.482
5.36E-15 1.07E-12 -8775.866
1.00000 250.197667 4094.170
5.36E-15 1.10E-12 -9005.778

COMB ULO08 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 250.197667 4039.699
5.36E-15 9.91E-13 -8090.732
0.25000 250.197667 4053.247
5.36E-15 1.02E-12 -8318.345
0.50000 250.197667 4066.841
5.36E-15 1.05E-12 -8540.723
0.75000 250.197667 4080.482
5.36E-15 1.07E-12 -8775.866
1.00000 250.197667 4094.170
5.36E-15 1.10E-12 -9005.778

COMB ULO09 ----- MAX

REL DIST T P M2 M3 V2 V3

REL DIST T P M2 M3 V2 V3
0.00000 418.453504 4041.821
4.89E-15 8.74E-13 -7145.807
0.25000 418.453504 4055.369
4.89E-15 9.02E-13 -7373.540
0.50000 418.453504 4068.964
4.89E-15 9.29E-13 -7602.037
0.75000 418.453504 4082.605
4.89E-15 9.57E-13 -7831.300
4.89E-15 9.85E-13 -8061.331

COMB ULO09 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 418.453504 4041.821
4.89E-15 8.74E-13 -7145.807
0.25000 418.453504 4055.369
4.89E-15 9.02E-13 -7373.540
0.50000 418.453504 4068.964
4.89E-15 9.29E-13 -7602.037
0.75000 418.453504 4082.605
4.89E-15 9.57E-13 -7831.300
1.00000 418.453504 4096.292
4.89E-15 9.85E-13 -8061.331
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FRAME ELEMENT INTERNAL FORCES

COMB ULO10 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 102.251124 4889.969
6.67E-15 1.21E-12 -9902.448
0.25000 102.251124 4902.996
6.67E-15 1.25E-12 -10177.875
0.50000 102.251124 4916.068
6.67E-15 1.28E-12 -10454.036
0.75000 102.251124 4929.184
6.67E-15 1.31E-12 -10730.933
1.00000 102.251124 4942.345
6.67E-15 1.35E-12 -11008.570

COMB ULO10 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 102.251124 4889.969
6.67E-15 1.21E-12 -9902.448
0.25000 102.251124 4902.996
6.67E-15 1.25E-12 -10177.875
0.50000 102.251124 4916.068
6.67E-15 1.28E-12 -10454.036
0.75000 102.251124 4929.184
6.67E-15 1.31E-12 -10730.933
1.00000 102.251124 4942.345
6.67E-15 1.35E-12 -11008.570

COMB ULO11 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 264.035583 4892.010
6.22E-15 1.10E-12 -8993.866
0.25000 264.035583 4905.037
6.22E-15 1.13E-12 -9269.408
0.50000 264.035583 4918.108
6.22E-15 1.17E-12 -9545.684
0.75000 264.035583 4931.225
6.22E-15 1.20E-12 -9822.696
1.00000 264.035583 4944.386
6.22E-15 1.23E-12 -10100.447

COMB ULO11 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 264.035583 4892.010
6.22E-15 1.10E-12 -8993.866
0.25000 264.035583 4905.037
6.22E-15 1.13E-12 -9269.408
0.50000 264.035583 4918.108
6.22E-15 1.17E-12 -9545.684
0.75000 264.035583 4931.225
6.22E-15 1.20E-12 -9822.696
1.00000 264.035583 4944.386
6.22E-15 1.23E-12 -10100.447

COMB ULO12 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 272.198029 5548.575
7.39E-15 1.35E-12 -11047.671
0.25000 272.198029 5561.602
7.39E-15 1.39E-12 -11360.144
0.50000 272.198029 5574.674
7.39E-15 1.43E-12 -11673.352
0.75000 272.198029 5587.790
7.39E-15 1.47E-12 -11987.296
1.00000 272.198029 5600.951
7.39E-15 1.50E-12 -12301.979

COMB ULO12 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 272.198029 5548.575
7.39E-15 1.35E-12 -11047.671
0.25000 272.198029 5561.602
7.39E-15 1.39E-12 -11360.144
0.50000 272.198029 5574.674
7.39E-15 1.43E-12 -11673.352
0.75000 272.198029 5587.790
7.39E-15 1.47E-12 -11987.296
1.00000 272.198029 5600.951
7.39E-15 1.50E-12 -12301.979
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FRAME ELEMENT INTERNAL FORCES

COMB ULO13 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 433.982489 5550.616
6.94E-15 1.24E-12 -10139.090
0.25000 433.982489 5563.643
6.94E-15 1.28E-12 -10451.678
0.50000 433.982489 5576.714
6.94E-15 1.32E-12 -10765.000
0.75000 433.982489 5589.831
6.94E-15 1.35E-12 -11079.059
1.00000 433.982489 5602.992
6.94E-15 1.39E-12 -11393.857

COMB ULO13 ----- MIN

REL DIST T P M2 M3 V2 V3

REL DIST T P M2 M3 V2 V3
0.00000 433.982489 5550.616
6.94E-15 1.24E-12 -10139.090
0.25000 433.982489 5563.643
6.94E-15 1.28E-12 -10451.678
0.50000 433.982489 5576.714
6.94E-15 1.32E-12 -10765.000
0.75000 433.982489 5589.831
6.94E-15 1.35E-12 -11079.059
1.00000 433.982489 5602.992
6.94E-15 1.39E-12 -11393.857

COMB ULO14 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 157.244730 4530.664
6.11E-15 1.12E-12 -9118.044
0.25000 157.244730 4543.690
6.11E-15 1.15E-12 -9373.260
0.50000 157.244730 4556.762
6.11E-15 1.18E-12 -9629.210
0.75000 157.244730 4569.878
6.11E-15 1.21E-12 -9885.897
1.00000 157.244730 4583.040
6.11E-15 1.24E-12 -10143.323

COMB ULO14 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 157.244730 4530.664
6.11E-15 1.12E-12 -9118.044
0.25000 157.244730 4543.690
6.11E-15 1.15E-12 -9373.260
0.50000 157.244730 4556.762
6.11E-15 1.18E-12 -9629.210
0.75000 157.244730 4569.878
6.11E-15 1.21E-12 -9885.897
1.00000 157.244730 4583.040
6.11E-15 1.24E-12 -10143.323

COMB ULO15 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 319.029189 4532.704
5.65E-15 1.00E-12 -8209.463
0.25000 319.029189 4545.731
5.65E-15 1.03E-12 -8464.794
0.50000 319.029189 4558.803
5.65E-15 1.07E-12 -8720.859
0.75000 319.029189 4571.919
5.65E-15 1.10E-12 -8977.660
1.00000 319.029189 4585.080
5.65E-15 1.13E-12 -9235.200

COMB ULO15 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 319.029189 4532.704
5.65E-15 1.00E-12 -8209.463
0.25000 319.029189 4545.731
5.65E-15 1.03E-12 -8464.794
0.50000 319.029189 4558.803
5.65E-15 1.07E-12 -8720.859
0.75000 319.029189 4571.919
5.65E-15 1.10E-12 -8977.660
1.00000 319.029189 4585.080
5.65E-15 1.13E-12 -9235.200
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FRAME ELEMENT INTERNAL FORCES

COMB ULO16 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.887311 3109.093
3.76E-15 6.72E-13 -5496.775
0.25000 321.887311 3119.515
3.76E-15 6.94E-13 -5671.954
0.50000 321.887311 3129.972
3.76E-15 7.15E-13 -5847.721
0.75000 321.887311 3140.465
3.76E-15 7.36E-13 -6024.077
1.00000 321.887311 3150.994
3.76E-15 7.58E-13 -6201.024

COMB ULO16 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.887311 3109.093
3.76E-15 6.72E-13 -5496.775
0.25000 321.887311 3119.515
3.76E-15 6.94E-13 -5671.954
0.50000 321.887311 3129.972
3.76E-15 7.15E-13 -5847.721
0.75000 321.887311 3140.465
3.76E-15 7.36E-13 -6024.077
1.00000 321.887311 3150.994
3.76E-15 7.58E-13 -6201.024

COMB ULO17 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 538.004936 5100.450
6.23E-15 1.12E-12 -9152.619
0.25000 538.004936 5113.997
6.23E-15 1.15E-12 -9439.900
0.50000 538.004936 5127.592
6.23E-15 1.19E-12 -9727.944
0.75000 538.004936 5141.233
6.23E-15 1.22E-12 -10016.755
1.00000 538.004936 5154.920
6.23E-15 1.26E-12 -10306.334

COMB ULO18 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 538.004936 5100.450
6.23E-15 1.12E-12 -9152.619
0.25000 538.004936 5113.997
6.23E-15 1.15E-12 -9439.900
0.50000 538.004936 5127.592
6.23E-15 1.19E-12 -9727.944
0.75000 538.004936 5141.233
6.23E-15 1.22E-12 -10016.755
1.00000 538.004936 5154.920
6.23E-15 1.26E-12 -10306.334

COMB ULO18 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 538.004936 5100.450
6.23E-15 1.12E-12 -9152.619
0.25000 538.004936 5113.997
6.23E-15 1.15E-12 -9439.900
0.50000 538.004936 5127.592
6.23E-15 1.19E-12 -9727.944
0.75000 538.004936 5141.233
6.23E-15 1.22E-12 -10016.755
1.00000 538.004936 5154.920
6.23E-15 1.26E-12 -10306.334

0.50000 253.474159 4721.384
5.97E-15 1.12E-12 -9163.856
0.75000 253.474159 4733.976
5.97E-15 1.15E-12 -9429.788
1.00000 253.474159 4746.610
5.97E-15 1.18E-12 -9696.429

COMB ULO18 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 253.474159 4696.330
5.97E-15 1.06E-12 -8634.112
0.25000 253.474159 4708.835
5.97E-15 1.09E-12 -8898.632
0.50000 253.474159 4721.384
5.97E-15 1.12E-12 -9163.856
0.75000 253.474159 4733.976
5.97E-15 1.15E-12 -9429.788
1.00000 253.474159 4746.610
5.97E-15 1.18E-12 -9696.429
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FRAME ELEMENT INTERNAL FORCES

COMB UEO01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 519.614363 4860.309
5.97E-15 1.08E-12 -8816.777
0.25000 519.614363 4870.730
5.97E-15 1.11E-12 -9090.461
0.50000 519.614363 4881.187
5.97E-15 1.14E-12 -9364.794
0.75000 519.614363 4891.680
5.97E-15 1.18E-12 -9639.596
1.00000 519.614363 4902.209
5.97E-15 1.21E-12 -9915.049

COMB UEO01 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 519.614363 4860.309
5.97E-15 1.08E-12 -8816.777
0.25000 519.614363 4870.730
5.97E-15 1.11E-12 -9090.462
0.50000 519.614363 4881.187
5.97E-15 1.14E-12 -9364.794
0.75000 519.614363 4891.680
5.97E-15 1.18E-12 -9639.596
1.00000 519.614363 4902.209
5.97E-15 1.21E-12 -9915.049

COMB UEO02 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 321.894688 3109.501
3.77E-15 6.72E-13 -5497.819
0.25000 321.894688 3119.922
3.77E-15 6.94E-13 -5673.021
0.50000 321.894688 3130.379
3.77E-15 7.15E-13 -5848.811
0.75000 321.894688 3140.872
3.77E-15 7.36E-13 -6025.190
1.00000 321.894688 3151.401
3.77E-15 7.58E-13 -6202.160

COMB UEO02 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 321.894688 3109.501
3.77E-15 6.72E-13 -5497.819
0.25000 321.894688 3119.922
3.77E-15 6.94E-13 -5673.021
0.50000 321.894688 3130.379
3.77E-15 7.15E-13 -5848.811
0.75000 321.894688 3140.872
3.77E-15 7.36E-13 -6025.190
1.00000 321.894688 3151.401
3.77E-15 7.58E-13 -6202.160

COMB UEO03 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 178.038190 4155.370
5.34E-15 9.42E-13 -7705.633
0.25000 178.038190 4165.791
5.34E-15 9.

0.25000	354.782972	4850.741	-5.89E-13	3.77E-15	7.58E-13	-6202.160	5.81E-15	1.13E-12	-9272.949	-5.65E-13	0.00000	M2	M3	
6.09E-15	1.12E-12	-9169.226					1.00000	337.423672	4658.101		T			-4.57E-13
0.50000	354.782972	4861.198	-5.90E-13	COMB	UEO09	-----	5.81E-15	1.16E-12	-9534.686		L	F O R C E S		-4.58E-13
6.09E-15	1.15E-12	-9442.374												
0.75000	354.782972	4871.692	-5.91E-13	REL	DIST	P				MAX				
6.09E-15	1.19E-12	-9716.112												
1.00000	354.782972	4882.221	-5.92E-13											
6.09E-15	1.22E-12	-9990.440												
COMB	UEO05	-----	MAX											
REL	DIST	P	V2											
	T	M2	M3											
0.00000	235.231540	3781.692	-4.59E-13											
4.75E-15	8.42E-13	-6889.854												
0.25000	235.231540	3792.113	-4.60E-13											
4.75E-15	8.68E-13	-7102.867												
0.50000	235.231540	3802.570	-4.61E-13											
4.75E-15	8.94E-13	-7316.467												
0.75000	235.231540	3813.063	-4.63E-13											
4.75E-15	9.20E-13	-7530.657												
1.00000	235.231540	3823.592	-4.64E-13											
4.75E-15	9.46E-13	-7745.437												
COMB	UEO05	-----	MIN											
REL	DIST	P	V2											
	T	M2	M3											
0.00000	235.231540	3781.692	-4.59E-13											
4.75E-15	8.42E-13	-6889.854												
0.25000	235.231540	3792.113	-4.60E-13											
4.75E-15	8.68E-13	-7102.867												
0.50000	235.231540	3802.570	-4.61E-13											
4.75E-15	8.94E-13	-7316.467												
0.75000	235.231540	3813.063	-4.63E-13											
4.75E-15	9.20E-13	-7530.657												
1.00000	235.231540	3823.592	-4.64E-13											
4.75E-15	9.46E-13	-7745.437												
COMB	UEO06	-----	MAX											
REL	DIST	P	V2											
	T	M2	M3											
0.00000	273.190282	4166.007	-5.06E-13											
5.57E-15	1.04E-12	-8449.555												
0.25000	273.190282	4176.428	-5.07E-13											
5.57E-15	1.06E-12	-8684.186												
0.50000	273.190282	4186.885	-5.08E-13											
5.57E-15	1.09E-12	-8919.404												
0.75000	273.190282	4197.378	-5.09E-13											
5.57E-15	1.12E-12	-9155.211												
1.00000	273.190282	4207.907	-5.11E-13											
5.57E-15	1.15E-12	-9391.610												
COMB	UEO06	-----	MIN											
REL	DIST	P	V2											
	T	M2	M3											
0.00000	273.190282	4166.007	-5.06E-13											
5.57E-15	1.04E-12	-8449.555												
0.25000	273.190282	4176.428	-5.07E-13											
5.57E-15	1.06E-12	-8684.186												
0.50000	273.190282	4186.885	-5.08E-13											
5.57E-15	1.09E-12	-8919.404												
0.75000	273.190282	4197.378	-5.09E-13											
5.57E-15	1.12E-12	-9155.211												
1.00000	273.190282	4207.907	-5.11E-13											
5.57E-15	1.15E-12	-9391.610												
Program	SAP2000	Nonlinear	Version 7.42											
File:	청도1교하행_P9_본체	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														
COMB	UEO07	-----	MAX											
REL	DIST	P	V2											
	T	M2	M3											
0.00000	441.446120	4168.129	-5.06E-13											
5.10E-15	9.18E-13	-7504.631												
0.25000	441.446120	4178.550	-5.07E-13											
5.10E-15	9.46E-13	-7739.381												
0.50000	441.446120	4189.007	-5.08E-13											
5.10E-15	9.75E-13	-7974.718												
0.75000	441.446120	4199.500	-5.10E-13											
5.10E-15	1.00E-12	-8210.645												
1.00000	441.446120	4210.029	-5.11E-13											
5.10E-15	1.03E-12	-8447.163												
COMB	UEO07	-----	MIN											
REL	DIST	P	V2											
	T	M2	M3											
0.00000	441.446120	4168.129	-5.06E-13											
5.10E-15	9.18E-13	-7504.631												
0.25000	441.446120	4178.550	-5.07E-13											
5.10E-15	9.46E-13	-7739.381												
0.50000	441.446120	4189.007	-5.08E-13											
5.10E-15	9.75E-13	-7974.718												
0.75000	441.446120	4199.500	-5.10E-13											
5.10E-15	1.00E-12	-8210.645												
1.00000	441.446120	4210.029	-5.11E-13											
5.10E-15	1.03E-12	-8447.163												
COMB	UEO08	-----	MAX											
REL	DIST	P	V2											
	T	M2	M3											
0.00000	153.638850	3107.378	-3.77E-13											
4.24E-15	7.90E-13	-6442.744												
0.25000	153.638850	3117.800	-3.78E-13											
4.24E-15	8.11E-13	-6617.827												
0.50000	153.638850	3128.257	-3.80E-13											
4.24E-15	8.32E-13	-6793.497												
0.75000	153.638850	3136.750	-3.81E-13											
4.24E-15	8.54E-13	-6969.756												
1.00000	153.638850	3149.279	-3.82E-13											
4.24E-15	8.75E-13	-7146.607												
COMB	UEO09	-----	MAX											
REL	DIST	P	V2											
	T	M2	M3											
0.00000	321.894688	3109.501	-3.77E-13											
3.77E-15	6.72E-13	-5497.819												
0.25000	321.894688	3119.922	-3.79E-13											
3.77E-15	6.94E-13	-5713.021												
0.50000	321.894688	3130.379	-3.80E-13											
3.77E-15	7.15E-13	-5848.811												
0.75000	321.894688	3140.872	-3.81E-13											
3.77E-15	7.36E-13	-6025.190												
1.00000	321.894688	3151.401	-3.82E-13											
COMB	UEO09	-----	MIN											
REL	DIST	P	V2											
	T	M2	M3											
0.00000	321.894688	3109.501	-3.77E-13											
3.77E-15	6.72E-13	-5497.819												
0.25000	321.894688	3119.922	-3.79E-13											
3.77E-15	6.94E-13	-5713.021												
0.50000	321.894688	3130.379	-3.80E-13											
3.77E-15	7.15E-13	-5848.811												
0.75000	321.894688	3140.872	-3.81E-13											
3.77E-15	7.36E-13	-6025.190												
1.00000	321.894688	3151.401	-3.82E-13											
COMB	UEO10	-----	MAX											
REL	DIST	P	V2											
	T	M2	M3											
0.00000	5.692307	3957.649	-4.80E-13											

0.975000					REL DIST	P	M2	V2	V3	1.00000	413.825362	4146.779	15.024411		671
LOAD	D				T	M2	M3			12.076277	-23.530409	-11878.150			
					0.00000	0.024589	1.357184		-1.65E-16	COMB	SVB04		MIN		
REL DIST		P		V2	V3					REL DIST	P	M2	V2	V3	
		M2	M3							T	M2	M3			
0.00000	321.862722		3149.637	-3.82E-13						0.00000	413.825362	3963.966	11.368161		
3.76E-15	7.57E-13	-6197.237								12.076277	-10.664031	-7924.162			
0.25000	321.862722		3195.340	-3.88E-13						0.25000	413.825362	4095.372	12.282223		
3.76E-15	8.01E-13	-6970.531								12.076277	-13.546421	-8895.949			
0.50000	321.862722		3241.043	-3.93E-13						0.50000	413.825362	4055.372	13.196286		
3.76E-15	9.46E-13	-7754.965								12.076277	-16.651615	-9878.876			
0.75000	321.862722		3286.746	-3.99E-13						0.75000	413.825362	4101.076	14.110348		
3.76E-15	1.04E-12	-8550.539								12.076277	-19.979611	-10872.943			
1.00000	321.862722		3332.449	-4.04E-13						1.00000	413.825362	4146.779	15.024411		
3.76E-15	1.14E-12	-9357.254								12.076277	-23.530409	-11878.150			
LOAD	L1									COMB	SVB05		MAX		
										REL DIST	P	M2	V2	V3	
REL DIST		P		V2	V3					T	M2	M3			
		M2	M3							0.00000	321.862722	3149.637	11.368161		
0.00000	91.962640	814.329399		-9.88E-14						12.076277	-10.664031	-6197.237			
1.03E-15	2.11E-13	-1726.925								0.25000	321.862722	3195.340	12.282223		
0.25000	91.962640	814.329399		-9.88E-14						12.076277	-13.546421	-6970.531			
1.03E-15	2.35E-13	-1925.418								0.50000	321.862722	3241.043	13.196286		
0.50000	91.962640	814.329399		-9.88E-14						0.75000	321.862722	3286.746	14.110348		
1.03E-15	2.59E-13	-2123.911								12.076277	-19.979611	-8550.539			
0.75000	91.962640	814.329399		-9.88E-14						1.00000	321.862722	3332.449	15.024411		
1.03E-15	2.83E-13	-2322.404								12.076277	-23.530409	-9357.254			
1.00000	91.962640	814.329399		-9.88E-14						COMB	SVB05		MIN		
1.03E-15	3.07E-13	-2520.896								REL DIST	P	M2	V2	V3	
LOAD	W-L0									T	M2	M3			
REL DIST		P		V2	V3					0.00000	321.862722	3149.637	11.368161		
		M2	M3							12.076277	-10.664031	-6197.237			
0.00000	-1.80E-18	2.75E-15	22.736322							0.25000	321.862722	3195.340	12.282223		
24.152553	-21.328061	-2.58E-15								12.076277	-13.546421	-6970.531			
0.25000	-1.80E-18	2.97E-15	24.564447							0.50000	321.862722	3241.043	13.196286		
24.152553	-27.092843	-3.27E-15								0.75000	321.862722	3286.746	14.110348		
0.50000	-1.80E-18	3.19E-15	26.392572							12.076277	-19.979611	-8550.539			
24.152553	-33.303229	-4.03E-15								1.00000	321.862722	3332.449	15.024411		
0.75000	-1.80E-18	4.41E-15	28.220697							12.076277	-23.530409	-9357.254			
24.152553	-39.959221	-4.83E-15								COMB	SVB05		MIN		
1.00000	-1.80E-18	6.36E-15	30.048822							REL DIST	P	M2	V2	V3	
24.152553	-47.060819	-5.69E-15								T	M2	M3			
LOAD	G-LO2									0.00000	321.862722	3149.637	11.368161		
REL DIST		P		V2	V3					12.076277	-10.664031	-6197.237			
		M2	M3							0.25000	321.862722	3195.340	12.282223		
0.00000	3.98E-16	1.59E-14	131.604142							12.076277	-13.546421	-6970.531			
180.762836	-393.741207	-4.45E-14								0.50000	321.862722	3241.043	13.196286		
0.25000	3.98E-16	1.59E-14	131.604142							0.75000	321.862722	3286.746	14.110348		
180.762836	-425.819717	-4.84E-14								12.076277	-19.979611	-8550.539			
0.50000	3.98E-16	1.59E-14	131.604142							1.00000	321.862722	3332.449	15.024411		
180.762836	-457.898226	-5.22E-14								12.076277	-23.530409	-9357.254			
Program	SAP2000	Nonlinear	Version 7.42							COMB	SVB06		MAX		
File:청도1교하행_P9_본체.OUT										REL DIST	P	M2	V2	V3	
										T	M2	M3			
										0.00000	413.825362	3963.966	-4.81E-13		
										12.076277	-10.664031	-7924.162	-4.86E-13		
										0.25000	413.825362	4095.372	-4.92E-13		
										0.50000	413.825362	4055.372	-4.92E-13		
										0.75000	413.825362	4101.076	-4.98E-13		
										12.076277	-19.979611	-10872.943	-5.03E-13		
										1.00000	413.825362	4146.779	-5.03E-13		
										12.076277	-23.530409	-11878.150			
										COMB	SVB06		MIN		
										REL DIST	P	M2	V2	V3	
										T	M2	M3			
										0.00000	413.825362	3963.966	-4.81E-13		
										12.076277	-10.664031	-7924.162	-4.86E-13		
										0.25000	413.825362	4095.372	-4.92E-13		
										0.50000	413.825362	4055.372	-4.92E-13		
										0.75000	413.825362	4101.076	-4.98E-13		
										12.076277	-19.979611	-10872.943	-5.03E-13		
										1.00000	413.825362	4146.779	-5.03E-13		
										12.076277	-23.530409	-11878.150			
										COMB	SVB06		MAX		
										REL DIST	P	M2	V2	V3	
										T	M2	M3			
										0.00000	413.825362	3963.966	-4.81E-13		
										12.076277	-10.664031	-7924.162	-4.86E-13		
										0.25000	413.825362	4095.372	-4.92E-13		
										0.50000	413.825362	4055.372	-4.92E-13		
										0.75000	413.825362	4101.076	-4.98E-13		
										12.076277	-19.979611	-10872.943	-5.03E-13		
										1.00000	413.825362	4146.779	-5.03E-13		
										12.076277	-23.530409	-11878.150			
										COMB	SVB06		MIN		
										REL DIST	P	M2	V2	V3	
										T	M2	M3			
										0.00000	413.825362	3963.966	-4.81E-13		
										12.076277	-10.664031	-7924.162	-4.86E-13		
										0.25000	413.825362	4095.372	-4.92E-13		
										0.50000	413.825362	4055.372	-4.92E-13		
										0.75000	413.825362	4101.076	-4.98E-13		
										12.076277	-19.979611	-10872.943	-5.03E-13		
										1.00000	413.825362	4146.779	-5.03E-13		
										12.076277	-23.530409	-11878.150			
										COMB	SVB06		MAX		
										REL DIST	P	M2	V2	V3	
										T	M2	M3			
										0.00000	413.825362	3963.966	-4.81E-13		
										12.076277	-10.664031	-7924.162	-4.86E-13		
										0.25000	413.825362	4095.372	-4.92E-13		
										0.50000	413.825362	4055.372	-4.92E-13		
										0.75000	413.825362	4101.076	-4.98E-13		
										12.076277	-19.979611	-10872.943	-5.03E-13		
										1.00000	413.825362	4146.779	-5.03E-13		
										12.076277	-23.530409	-11878.150			
										COMB	SVB07		MAX		
										REL DIST	P	M2	V2	V3	
										T	M2	M3			
										0.00000	413.825362	3963.966	-4.81E-13		
										12.076277	-10.664031	-7924.162	-4.86E-13		
										0.25000	413.825362	4095.372	-4.92E-13		
										0.50000	413.825362	4055.372	-4.92E-13		
										0.75000	413.825362	4101.076	-4.98E-13		
										12.076					

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	413.825362	3963.966		11.368161
12.076277	-10.86403	-7924.162		
0.25000	413.825362	4009.669		12.282223
12.076277	-13.546421	-8895.949		
0.50000	413.825362	4055.372		13.196286
12.076277	-16.651615	-9878.876		
0.75000	413.825362	4101.076		14.110348
12.076277	-19.979611	-10850.943		
1.00000	413.825362	4146.779		15.024411
12.076277	-23.530409	-11878.150		

COMB	SVB14	-----			MAX
REL	DIST	P	V2	V3	
T	M2	M3			
0.00000	321.862722	3149.637		142.972303	
192.839113	-404.405238	-6197.237			
0.25000	321.862722	3195.340		143.886365	
192.839113	-439.366138	-6970.531			
0.50000	321.862722	3241.043		144.800428	
192.839113	-474.549841	-7754.965			
0.75000	321.862722	3286.746		145.714490	
192.839113	-509.956347	-8550.539			
1.00000	321.862722	3332.449		146.628553	
192.839113	-545.585655	-9357.254			

COMB	SVB14	MIN		
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	321.862722	3149.637		142.972303
192.839113	-404.405238	-6197.237		
0.25000	321.862722	3195.340		143.886365
192.839113	-439.366138	-6970.531		
0.50000	321.862722	3241.043		144.800428
192.839113	-474.549841	-7754.965		
0.75000	321.862722	3286.746		145.714490
192.839113	-509.956347	-8550.539		
1.00000	321.862722	3332.449		146.628553
192.839113	-545.585655	-9357.254		
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REL	DIST	P	V2	V3
T	M2	M3		
0.00000	321.862722	3149.637		142.972303
192.839113	-404.405238	-6197.237		
0.25000	321.862722	3195.340		143.886365
192.839113	-439.366138	-6970.531		
0.50000	321.862722	3241.043		144.800428
192.839113	-474.549841	-7754.965		
0.75000	321.862722	3286.746		145.714490
192.839113	-509.956347	-8550.539		
1.00000	321.862722	3332.449		146.628553
192.839113	-545.585655	-9357.254		
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COMB	SVB15	----- MIN			
REL	DIST	P	V2	V3	
T	M2	M3			
0.00000	321.862722	3149.637		11.368161	
12.076277	-10.664031	-6197.237			
0.25000	321.862722	3195.340		12.282223	
12.076277	-13.546421	-6970.531			
0.50000	321.862722	3241.043		13.196286	
12.076277	-16.651615	-7754.965			
0.75000	321.862722	3286.746		14.110348	
12.076277	-19.979611	-8550.539			
1.00000	321.862722	3332.449		15.024411	
12.076277	-23.530409	-9357.254			

COMB	ULB01	----- MAX		
REL		P	V2	V3
T		M2	M3	
0.00000	616.141214	5845.336		-7.09E-13
7.10E-15	1.44E-12	-11769.297		
0.25000	616.141214	5904.750		-7.16E-13
7.10E-15	1.61E-12	-13201.339		
0.50000	616.141214	5964.164		-7.24E-13
7.10E-15	1.79E-12	-14647.863		
0.75000	616.141214	6023.578		-7.31E-13
7.10E-15	1.96E-12	-16108.869		
1.00000	616.141214	6082.992		-7.38E-13
7.10E-15	2.14E-12	-17584.357		

COMB	ULB01	----- MIN		
REL		P	V2	V3
DIST		M2	M3	
0.00000	616.141214	5845.336		-7.09E-13
7.10E-15	1.44E-12	-11769.297		
0.25000	616.141214	5904.750		-7.16E-13
7.10E-15	1.61E-12	-13201.339		
0.50000	616.141214	5964.164		-7.24E-13
7.10E-15	1.79E-12	-14647.863		
0.75000	616.141214	6023.578		-7.31E-13
7.10E-15	1.96E-12	-16108.869		
1.00000	616.141214	6082.992		-7.38E-13
7.10E-15	2.14E-12	-17584.357		

COMB	ULB02	-----MAX		
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	418.421538	4094.528		-4.97E-13
4.89E-15	9.84E-13	-8056.408		
0.25000	418.421538	4153.942		-5.04E-13
4.89E-15	1.11E-12	-9061.690		
0.50000	418.421538	4213.356		-5.11E-13
4.89E-15	1.23E-12	-10081.454		
0.75000	418.421538	4272.770		-5.18E-13
4.89E-15	1.35E-12	-11161.648		
1.00000	418.421538	4332.184		-5.26E-13
4.89E-15	1.48E-12	-12164.430		

COMB	ULB02	MIN		
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	418.421538	4094.528		-4.97E-13
4.89E-15	9.84E-13	-8056.408		
0.25000	418.421538	4153.942		-5.04E-13
4.89E-15	1.11E-12	-9061.690		
0.50000	418.421538	4213.356		-5.11E-13
4.89E-15	1.23E-12	-10081.454		
0.75000	418.421538	4272.770		-5.18E-13
4.89E-15	1.36E-12	-11115.701		
1.00000	418.421538	4332.184		-5.26E-13
4.89E-15	1.48E-12	-12164.430		
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FRAME ELEMENT INTERNAL FORCES	

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	537.972970	5153.156		-6.25E-13
6.23E-15	1.26E-12	-10301.411		
0.25000	537.972970	5212.570		-6.32E-13
6.23E-15	1.41E-12	-11564.734		
0.50000	537.972970	5271.984		-6.40E-13
6.23E-15	1.57E-12	-12842.539		
0.75000	537.972970	5331.398		-6.47E-13
6.23E-15	1.72E-12	-14134.826		
1.00000	537.972970	5390.812		-6.54E-13
6.23E-15	1.88E-12	-15441.595		

REL	DIST	P	V2	V3
T	M2	M3		
0.00000	418.421538	4094.528		29.557218
31.398319	-27.726480	-8056.408		
0.25000	418.421538	4153.942		31.933781
31.398319	-35.220695	-9061.690		
0.50000	418.421538	4213.356		34.310343
31.398319	-43.294198	-10081.454		
0.75000	418.421538	4272.770		36.686906
31.398319	-51.946988	-11115.701		
1.00000	418.421538	4332.184		39.063468
31.398319	-61.179064	-12164.430		

COMB	ULB03	-----	MIN	
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	418.421538	4094.528		29.557218
31.398319	-27.726480	-8056.408		
0.25000	418.421538	4153.942		31.933781
31.398319	-35.220695	-9061.690		
0.50000	418.421538	4213.356		34.310343
31.398319	-43.294198	-10081.454		
0.75000	418.421538	4272.770		36.686906
31.398319	-51.946988	-11115.701		
1.00000	418.421538	4332.184		39.063468
31.398319	-61.179064	-12164.430		

COMB	ULB04	----- MAX		
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	537.972970	5153.156		14.778609
15.699160	-13.863240	-10301.411		
0.25000	537.972970	5212.570		15.966890
15.699160	-17.610348	-11564.734		
0.50000	537.972970	5271.984		17.155172
15.699160	-21.647099	-12842.539		
0.75000	537.972970	5331.398		18.343453
15.699160	-25.973494	-14134.826		
1.00000	537.972970	5390.812		19.531734
15.699160	-30.589532	-15441.595		

COMB	ULB04	MIN		
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	537.972970	5153.156		14.778609
15.699160	-13.863240	-10301.411		
0.25000	537.972970	5212.570		15.966890
15.699160	-17.610348	-11564.734		
0.50000	537.972970	5271.984		17.155172
15.699160	-21.647099	-12842.539		
0.75000	537.972970	5331.398		18.343453
15.699160	-25.973494	-14134.826		
1.00000	537.972970	5390.812		19.531734
15.699160	-30.589532	-15441.595		

COMB	ULB05			MAX
REL		P	V2	V3
T	M2	M3		
0.00000	418.421538	4094.528		14.778609
15.699160	-13.863240	-8056.408		
0.25000	418.421538	4153.942		15.966890
15.699160	-17.610348	-9061.690		
0.50000	418.421538	4213.356		17.155172
15.699160	-21.647099	-10081.454		
0.75000	418.421538	4272.770		18.343453
15.699160	-25.973494	-11115.701		
1.00000	418.421538	4332.184		19.531734
15.699160	-30.589532	-12164.430		

COMB	ULB05	MIN		
REL	DIST	P	V2	V3
T	M2	M3		
0.00000	418.421538	4094.528		14.778609
15.699160	-13.863240	-8056.408		
0.25000	418.421538	4153.942		15.966890
15.699160	-17.610348	-9061.690		
0.50000	418.421538	4213.356		17.155172
15.699160	-21.647099	-10081.454		
0.75000	418.421538	4272.770		18.343453
15.699160	-25.973494	-11115.701		
1.00000	418.421538	4332.184		19.531734
15.699160	-30.589532	-12164.430		
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REL	DIST	P	V2	V3
T	M2	M3		
0.00000	418.421538	4094.528		14.778609

1.00000	321.862722	3332.449	-4.04E-13
3.76E-15	1.14E-12	-9357.254	
COMB ULB17 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	537.972970	5153.156	-6.25E-13
6.23E-15	1.26E-12	-10301.411	
0.25000	537.972970	5212.570	-6.32E-13
6.23E-15	1.41E-12	-11564.734	
0.50000	537.972970	5271.984	-6.40E-13
6.23E-15	1.57E-12	-12842.539	
0.75000	537.972970	5331.398	-6.47E-13
6.23E-15	1.72E-12	-14134.826	
1.00000	537.972970	5390.812	-6.54E-13
6.23E-15	1.88E-12	-15441.595	

COMB ULB17 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	537.972970	5153.156	-6.25E-13
6.23E-15	1.26E-12	-10301.411	
0.25000	537.972970	5212.570	-6.32E-13
6.23E-15	1.41E-12	-11564.734	
0.50000	537.972970	5271.984	-6.40E-13
6.23E-15	1.57E-12	-12842.538	
0.75000	537.972970	5331.398	-6.47E-13
6.23E-15	1.72E-12	-14134.826	
1.00000	537.972970	5390.812	-6.54E-13
6.23E-15	1.88E-12	-15441.595	
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FRAME ELEMENT INTERNAL FORCES

COMB ULB18 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	386.235266	3779.564	27.283586
28.983064	-25.593674	-7436.684	
0.25000	386.235266	3834.408	29.477336
6.23E-15	-32.511411	-8364.637	
0.50000	386.235266	3889.252	31.671086
28.983064	-39.963875	-9305.958	
0.75000	386.235266	3944.095	33.864836
28.983064	-47.951066	-10260.647	
1.00000	386.235266	3998.939	36.058586
28.983064	-56.472983	-11228.705	

COMB ULB18 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	386.235266	3779.564	27.283586
28.983064	-25.593674	-7436.684	
0.25000	386.235266	3834.408	29.477336
6.23E-15	-32.511411	-8364.637	
0.50000	386.235266	3889.252	31.671086
28.983064	-39.963875	-9305.958	
0.75000	386.235266	3944.095	33.864836
28.983064	-47.951066	-10260.647	
1.00000	386.235266	3998.939	36.058586
28.983064	-56.472983	-11228.705	

COMB UEB01 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	519.582397	4900.445	-5.95E-13
5.97E-15	1.21E-12	-9910.126	
0.25000	519.582397	4946.148	-6.00E-13
5.97E-15	1.36E-12	-11110.180	
0.50000	519.582397	4991.851	-6.06E-13
5.97E-15	1.50E-12	-12321.373	
0.75000	519.582397	5037.554	-6.11E-13
5.97E-15	1.65E-12	-13543.707	
1.00000	519.582397	5083.258	-6.17E-13
5.97E-15	1.80E-12	-14777.181	

COMB UEB01 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	519.582397	4900.445	-5.95E-13
5.97E-15	1.21E-12	-9910.126	
0.25000	519.582397	4946.148	-6.00E-13
5.97E-15	1.36E-12	-11110.180	
0.50000	519.582397	4991.851	-6.06E-13
5.97E-15	1.50E-12	-12321.373	
0.75000	519.582397	5037.554	-6.11E-13
5.97E-15	1.65E-12	-13543.707	
1.00000	519.582397	5083.258	-6.17E-13
5.97E-15	1.80E-12	-14777.181	

COMB UEB02 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	3149.637	-3.82E-13
3.76E-15	7.57E-13	-6197.237	
0.25000	321.862722	3195.340	-3.88E-13
3.76E-15	8.51E-13	-6970.531	
0.50000	321.862722	3241.043	-3.93E-13
3.76E-15	9.46E-13	-7754.965	
0.75000	321.862722	3286.746	-3.99E-13
3.76E-15	1.04E-12	-8550.539	
1.00000	321.862722	3332.449	-4.04E-13
3.76E-15	1.14E-12	-9357.254	

COMB UEB02 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	3149.637	-3.82E-13
3.76E-15	7.57E-13	-6197.237	
0.25000	321.862722	3195.340	-3.88E-13
3.76E-15	8.51E-13	-6970.531	
0.50000	321.862722	3241.043	-3.93E-13
3.76E-15	9.46E-13	-7754.965	
0.75000	321.862722	3286.746	-3.99E-13
3.76E-15	1.04E-12	-8550.539	
1.00000	321.862722	3332.449	-4.04E-13
3.76E-15	1.14E-12	-9357.254	
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FRAME ELEMENT INTERNAL FORCES

COMB UEB03 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	3149.637	29.557218
31.398319	-27.726480	-6197.237	
0.25000	321.862722	3195.340	31.933781
31.398319	-35.220695	-6970.531	
0.50000	321.862722	3241.043	34.310343
31.398319	-43.294198	-7754.965	

0.75000	321.862722	3286.746	36.686906
31.398319	-51.946988	-8550.539	
1.00000	321.862722	3332.449	39.063468
31.398319	-61.179064	-9357.254	
COMB UEB03 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	3149.637	29.557218
31.398319	-27.726480	-6197.237	
0.25000	321.862722	3195.340	31.933781
31.398319	-35.220695	-6970.531	
0.50000	321.862722	3241.043	34.310343
31.398319	-43.294198	-7754.965	
0.75000	321.862722	3286.746	36.686906
31.398319	-51.946988	-8550.539	
1.00000	321.862722	3332.449	39.063468
31.398319	-61.179064	-9357.254	

COMB UEB04 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	441.414154	4208.265	14.778609
15.699160	-13.863240	-8442.240	
0.25000	441.414154	4253.968	15.966890
15.699160	-17.610348	-9473.574	
0.50000	441.414154	4299.671	17.155172
15.699160	-21.647099	-10516.049	
0.75000	441.414154	4345.374	18.343453
15.699160	-25.973494	-11569.664	
1.00000	441.414154	4391.078	19.531734
15.699160	-30.589532	-12634.419	

COMB UEB04 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	441.414154	4208.265	14.778609
15.699160	-13.863240	-8442.240	
0.25000	441.414154	4253.968	15.966890
15.699160	-17.610348	-9473.574	
0.50000	441.414154	4299.671	17.155172
15.699160	-21.647099	-10516.049	
0.75000	441.414154	4345.374	18.343453
15.699160	-25.973494	-11569.664	
1.00000	441.414154	4391.078	19.531734
15.699160	-30.589532	-12634.419	

COMB UEB05 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	3149.637	14.778609
15.699160	-13.863240	-6197.237	
0.25000	321.862722	3195.340	15.966890
15.699160	-17.610348	-6970.531	
0.50000	321.862722	3241.043	17.155172
15.699160	-21.647099	-7754.965	
0.75000	321.862722	3286.746	18.343453
15.699160	-25.973494	-8550.539	
1.00000	321.862722	3332.449	19.531734
15.699160	-30.589532	-9357.254	

COMB UEB05 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	321.862722	3149.637	14.778609
15.699160	-13.863240	-6197.237	
0.25000	321.862722	3195.340	15.966890
15.699160	-17.610348	-6970.531	
0.50000	321.862722	3241.043	17.155172
15.699160	-21.647099	-7754.965	
0.75000	321.862722	3286.746	18.343453
15.699160	-25.973494	-8550.539	
1.00000	321.862722	3332.449	19.531734
15.699160	-30.589532	-9357.254	
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FRAME ELEMENT INTERNAL FORCES

COMB UEB06 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	441.414154	4208.265	171.085384
234.991687	-511.863569	-8442.240	
0.25000	441.414154	4253.968	171.085384
234.991687	-553.565632	-9473.574	
0.50000	441.414154	4299.671	171.085384
234.991687	-595.267694	-10516.049	
0.75000	441.414154	4345.374	171.085384
234.991687	-636.969757	-11569.664	
1.00000	441.414154	4391.078	171.085384
234.991687	-678.671819	-12634.419	

COMB UEB06 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	441.414154	4208.265	171.085384
234.991687	-511.863569	-8442.240	
0.25000	441.414154	4253.968	171.085384
234.991687	-553.565632	-9473.574	
0.50000	441.414154	4299.671	171.085384
234.991687	-595.267694	-10516.049	
0.75000	441.414154	4345.374	171.085384
234.991687	-636.969757	-11569.664	
1.00000	441.414154	4391.078	171.085384
234.991687	-678.671819	-12634.419	

COMB UEB07 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	441.414154	4208.265	-5.11E-13
5.10E-15	1.03E-12	-8442.240	
0.25000	441.414154	4253.968	-5.16E-13
5.10E-15	1.16E-12	-9473.574	
0.50000	441.414154	4299.671	-5.22E-13
5.10E-15	1.28E-12	-10516.049	
0.75000	441.414154	4345.374	-5.27E-13
5.10E-15	1.41E-12	-11569.664	
1.00000	441.414154	4391.078	-5.33E-13
5.10E-15	1.54E-12	-12634.419	

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FRAME ELEMENT INTERNAL FORCES

0.25000	441.414154	4253.596	-5.16E-13
5.10E-15	1.16E-12	-9473.374	
0.50000	441.414154	4299.671	-5.22E-13
5.10E-15	1.28E-12	-10516.049	
0.75000	441.414154	4345.374	-5.27E-13
5.10E-15	1.41E-12	-11569.664	
1.00000	441.414154	4391.078	-5.33E-13
5.10E-15	1.54E-12	-12634.419	
COMB UEB08 ----- MAX			

5.10E-15	1.16E-12	-9473.574		
0.50000	441.414154	4299.671	-5.22E-13	
5.10E-15	1.28E-12	-10516.049		
0.75000	441.414154	4345.374	-5.27E-13	
5.10E-15	1.41E-12	-11569.664		
1.00000	441.414154	4391.078	-5.33E-13	
5.10E-15	1.54E-12	-12634.419		
COMB UEB17 ----- MIN				
REL DIST	P	V2		V3
T	M2	M3		
0.00000	441.414154	4208.265	-5.11E-13	
5.10E-15	1.03E-12	-8442.240		
0.25000	441.414154	4253.968	-5.16E-13	
5.10E-15	1.16E-12	-9473.574		
0.50000	441.414154	4299.671	-5.22E-13	
5.10E-15	1.28E-12	-10516.049		
0.75000	441.414154	4345.374	-5.27E-13	
5.10E-15	1.41E-12	-11569.664		
1.00000	441.414154	4391.078	-5.33E-13	
5.10E-15	1.54E-12	-12634.419		
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FRAME ELEMENT INTERNAL FORCES

COMB UEB18 ----- MAX

REL DIST	P	V2		V3
T	M2	M3		
0.00000	289.676450	2834.673	27.283586	
28.983064	-25.593674	-5577.513		
0.25000	289.676450	2875.806	29.477336	
28.983064	-32.511411	-6273.478		
0.50000	289.676450	2916.939	31.671086	
28.983064	-39.963875	-6979.468		
0.75000	289.676450	2958.072	33.864836	
28.983064	-47.951066	-7695.485		
1.00000	289.676450	2999.204	36.058586	
28.983064	-56.472983	-8421.528		

COMB UEB18 ----- MIN

REL DIST	P	V2		V3
T	M2	M3		
0.00000	289.676450	2834.673	27.283586	
28.983064	-25.593674	-5577.513		
0.25000	289.676450	2875.806	29.477336	
28.983064	-32.511411	-6273.478		
0.50000	289.676450	2916.939	31.671086	
28.983064	-39.963875	-6979.468		
0.75000	289.676450	2958.072	33.864836	
28.983064	-47.951066	-7695.485		
1.00000	289.676450	2999.204	36.058586	
28.983064	-56.472983	-8421.528		

COMB SVO01 ----- MAX

REL DIST	P	V2		V3
T	M2	M3		
0.00000	413.849951	3965.323	-4.81E-13	
4.79E-15	9.69E-13	-7927.949		
0.25000	413.849951	4011.027	-4.87E-13	
4.79E-15	1.09E-12	-8900.067		
0.50000	413.849951	4056.730	-4.92E-13	
4.79E-15	1.21E-12	-9883.324		
0.75000	413.849951	4102.433	-4.98E-13	
4.79E-15	1.33E-12	-10877.722		
1.00000	413.849951	4148.136	-5.03E-13	
4.79E-15	1.45E-12	-11883.260		

COMB SVO01 ----- MIN

REL DIST	P	V2		V3
T	M2	M3		
0.00000	413.849951	3965.323	-4.81E-13	
4.79E-15	9.69E-13	-7927.949		
0.25000	413.849951	4011.027	-4.87E-13	
4.79E-15	1.09E-12	-8900.067		
0.50000	413.849951	4056.730	-4.92E-13	
4.79E-15	1.21E-12	-9883.324		
0.75000	413.849951	4102.433	-4.98E-13	
4.79E-15	1.33E-12	-10877.722		
1.00000	413.849951	4148.136	-5.03E-13	
4.79E-15	1.45E-12	-11883.260		

COMB SVO02 ----- MAX

REL DIST	P	V2		V3
T	M2	M3		
0.00000	321.887311	3150.994	-3.82E-13	
3.76E-15	7.58E-13	-6201.024		
0.25000	321.887311	3196.697	-3.88E-13	
3.76E-15	8.52E-13	-6974.649		
0.50000	321.887311	3242.400	-3.93E-13	
3.76E-15	9.47E-13	-7759.414		
0.75000	321.887311	3288.103	-3.99E-13	
3.76E-15	1.04E-12	-8555.319		
1.00000	321.887311	3333.807	-4.04E-13	
3.76E-15	1.14E-12	-9362.364		

COMB SVO02 ----- MIN

REL DIST	P	V2		V3
T	M2	M3		
0.00000	321.887311	3150.994	-3.82E-13	
3.76E-15	7.58E-13	-6201.024		
0.25000	321.887311	3196.697	-3.88E-13	
3.76E-15	8.52E-13	-6974.649		
0.50000	321.887311	3242.400	-3.93E-13	
3.76E-15	9.47E-13	-7759.414		
0.75000	321.887311	3288.103	-3.99E-13	
3.76E-15	1.04E-12	-8555.319		
1.00000	321.887311	3333.807	-4.04E-13	
3.76E-15	1.14E-12	-9362.364		

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FRAME ELEMENT INTERNAL FORCES

COMB SVO03 ----- MAX

REL DIST	P	V2		V3
T	M2	M3		
0.00000	211.228466	3955.509	-4.80E-13	
4.98E-15	9.87E-13	-8080.358		
0.25000	211.228466	4001.212	-4.85E-13	
4.98E-15	1.10E-12	-9050.083		
0.50000	211.228466	4046.915	-4.91E-13	
4.98E-15	1.22E-12	-10030.949		
0.75000	211.228466	4092.618	-4.97E-13	
4.98E-15	1.34E-12	-11022.954		
1.00000	211.228466	4138.321	-5.02E-13	
4.98E-15	1.47E-12	-12026.100		

COMB SVO03 ----- MIN

REL DIST	P	V2		V3
T	M2	M3		
0.00000	211.228466	3955.509	-4.80E-13	

4.98E-15	9.87E-13	-8080.358		
0.25000	211.228466	4001.212	-4.85E-13	
4.98E-15	1.10E-12	-9050.083		
0.50000	211.228466	4046.915	-4.91E-13	
4.98E-15	1.22E-12	-10030.949		
0.75000	211.228466	4092.618	-4.97E-13	
4.98E-15	1.34E-12	-11022.954		
1.00000	211.228466	4138.321	-5.02E-13	
4.98E-15	1.47E-12	-12026.100		

COMB SVO04 ----- MAX

REL DIST	P	V2		V3
T	M2	M3		
0.00000	347.185991	4482.394	-5.44E-13	
5.55E-15	1.11E-12	-9115.086		
0.25000	347.185991	4528.097	-5.49E-13	
5.55E-15	1.25E-12	-10213.239		
0.50000	347.185991	4573.800	-5.55E-13	
5.55E-15	1.38E-12	-11322.533		
0.75000	347.185991	4619.503	-5.60E-13	
5.55E-15	1.52E-12	-12442.966		
1.00000	347.185991	4665.206	-5.66E-13	
5.55E-15	1.65E-12	-13574.540		

COMB SVO04 ----- MIN

REL DIST	P	V2		V3
T	M2	M3		
0.00000	347.185991	4482.394	-5.44E-13	
5.55E-15	1.11E-12	-9115.086		
0.25000	347.185991	4528.097	-5.49E-13	
5.55E-15	1.25E-12	-10213.239		
0.50000	347.185991	4573.800	-5.55E-13	
5.55E-15	1.38E-12	-11322.533		
0.75000	347.185991	4619.503	-5.60E-13	
5.55E-15	1.52E-12	-12442.966		
1.00000	347.185991	4665.206	-5.66E-13	
5.55E-15	1.65E-12	-13574.540		

COMB SVO05 ----- MAX

REL DIST	P	V2		V3
T	M2	M3		
0.00000	255.223351	3668.064	-4.45E-13	
4.52E-15	9.03E-13	-7388.160		
0.25000	255.223351	3713.767	-4.51E-13	
4.52E-15	1.01E-12	-8287.821		
0.50000	255.223351	3759.470	-4.56E-13	
4.52E-15	1.12E-12	-9198.622		
0.75000	255.223351	3805.174	-4.62E-13	
4.52E-15	1.23E-12	-10120.563		
1.00000	255.223351	3850.877	-4.67E-13	
4.52E-15	1.35E-12	-11053.644		

COMB SVO05 ----- MIN

REL DIST	P	V2		V3
T	M2	M3		
0.00000	255.223351	3668.064	-4.45E-13	
4.52E-15	9.03E-13	-7388.160		
0.25000	255.223351	3713.767	-4.51E-13	
4.52E-15	1.01E-12	-8287.821		
0.50000	255.223351	3759.470	-4.56E-13	
4.52E-15	1.12E-12	-9198.622		
0.75000	255.223351	3805.174	-4.62E-13	
4.52E-15	1.23E-12	-10120.563		
1.00000	255.223351	3850.877	-4.67E-13	
4.52E-15	1.35E-12	-11053.644		

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FRAME ELEMENT INTERNAL FORCES

COMB SVO06 ----- MAX

REL DIST	P	V2		V3
T	M2	M3		
0.00000	284.422384	3963.691	-4.81E-13	
5.15E-15	1.06E-12	-8654.447		
0.25000	284.422384	4009.394	-4.86E-13	
5.15E-15	1.18E-12	-9626.166		
0.50000	284.422384	4055.097	-4.92E-13	
5.15E-15	1.30E-12	-10609.026		
0.75000	284.422384	4100.800	-4.98E-13	
5.15E-15	1.42E-12	-11603.026		
1.00000	284.422384	4146.503	-5.03E-13	
5.15E-15	1.54E-12	-12608.166		

COMB SVO06 ----- MIN

REL DIST	P	V2		V3
T	M2	M3		
0.00000	284.422384	3963.691	-4.81E-13	
5.15E-15	1.06E-12	-8654.447		
0.25000	284.422384	4009.394	-4.86E-13	
5.15E-15	1.18E-12	-9626.166		
0.50000	284.422384	4055.097	-4.92E-13	
5.15E-15	1.30E-12	-10609.026		
0.75000	284.422384	4100.800	-4.98E-13	
5.15E-15	1.42E-12	-11603.026		
1.00000	284.422384	4146.503	-5.03E-13	
5.15E-15	1.54E-12	-12608.166		

COMB SVO07 ----- MAX

REL DIST	P	V2		V3
T	M2	M3		
0.00000	413.849951	3965.323	-4.81E-13	
4.79E-15	9.69E-13	-7927.949		
0.25000	413.849951	4011.027	-4.87E-13	
4.79E-15	1.09E-12	-8900.067		
0.50000	413.849951	4056.730	-4.92E-13	
4.79E-15	1.21E-12	-9883.324		
0.75000	413.849951	4102.433	-4.98E-13	
4.79E-15	1.33E-12	-10877.722		
1.00000	413.849951	4148.136	-5.03E-13	
4.79E-15	1.45E-12	-11883.260		

COMB SVO07 ----- MIN

0.00000	413.849951	3965.323	-4.81E-13
4.79E-15	9.69E-13	-7927.949	
0.25000	413.849951	4011.027	-4.87E-13
4.79E-15	1.09E-12	-8900.067	
0.50000	413.849951	4056.730	-4.92E-13
4.79E-15	1.21E-12	-9883.324	
0.75000	413.849951	4102.433	-4.98E-13
4.79E-15	1.33E-12	-10877.722	
1.00000	413.849951	4149.36	-5.03E-13
4.79E-15	1.45E-12	-11883.260	
COMB	SVO08	-----	MAX

REL DIST P V2 V3
T M2 M3
0.0000 418.453504 4096.292 -4.97E-13
4.89E-15 9.85E-13 -8061.331
0.25000 418.453504 4155.706 -5.04E-13
4.89E-15 1.11E-12 -9067.043
0.50000 418.453504 4215.120 -5.11E-13
4.89E-15 1.23E-12 -10087.238
0.75000 418.453504 4274.534 -5.19E-13
4.89E-15 1.36E-12 -11213.914
1.00000 418.453504 4333.948 -5.26E-13
4.89E-15 1.48E-12 -12171.073
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FRAME ELEMENT INTERNAL
FORCES

COMB ULO03 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 274.597006 5142.161 -6.24E-13
6.47E-15 1.28E-12 -10504.465
0.25000 274.597006 5201.575 -6.31E-13
6.47E-15 1.44E-12 -11765.108
0.50000 274.597006 5260.989 -6.38E-13
6.47E-15 1.59E-12 -13040.233
0.75000 274.597006 5320.403 -6.46E-13
6.47E-15 1.75E-12 -14329.840
1.00000 274.597006 5379.817 -6.53E-13
6.47E-15 1.91E-12 -15633.930

COMB ULO03 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 274.597006 5142.161 -6.24E-13
6.47E-15 1.28E-12 -10504.465
0.25000 274.597006 5201.575 -6.31E-13
6.47E-15 1.44E-12 -11765.108
0.50000 274.597006 5260.989 -6.38E-13
6.47E-15 1.59E-12 -13040.233
0.75000 274.597006 5320.403 -6.46E-13
6.47E-15 1.75E-12 -14329.840
1.00000 274.597006 5379.817 -6.53E-13
6.47E-15 1.91E-12 -15633.930

COMB ULO04 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 451.341788 5827.112 -7.07E-13
7.22E-15 1.45E-12 -11849.611
0.25000 451.341788 5886.526 -7.14E-13
7.22E-15 1.62E-12 -13277.211
0.50000 451.341788 5945.940 -7.21E-13
7.22E-15 1.80E-12 -14719.292
0.75000 451.341788 6005.354 -7.29E-13
7.22E-15 1.97E-12 -16175.856
1.00000 451.341788 6064.768 -7.36E-13
7.22E-15 2.15E-12 -17646.902

COMB ULO04 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 451.341788 5827.112 -7.07E-13
7.22E-15 1.45E-12 -11849.611
0.25000 451.341788 5886.526 -7.14E-13
7.22E-15 1.62E-12 -13277.211
0.50000 451.341788 5945.940 -7.21E-13
7.22E-15 1.80E-12 -14719.292
0.75000 451.341788 6005.354 -7.29E-13
7.22E-15 1.97E-12 -16175.856
1.00000 451.341788 6064.768 -7.36E-13
7.22E-15 2.15E-12 -17646.902

COMB ULO05 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 331.790356 4768.483 -5.79E-13
5.88E-15 1.17E-12 -9604.608
0.25000 331.790356 4827.897 -5.86E-13
5.88E-15 1.32E-12 -10774.167
0.50000 331.790356 4887.311 -5.93E-13
5.88E-15 1.46E-12 -11958.208
0.75000 331.790356 4946.726 -6.00E-13
5.88E-15 1.60E-12 -13156.732
1.00000 331.790356 5006.140 -6.07E-13
5.88E-15 1.75E-12 -14369.737

COMB ULO05 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 331.790356 4768.483 -5.79E-13
5.88E-15 1.17E-12 -9604.608
0.25000 331.790356 4827.897 -5.86E-13
5.88E-15 1.32E-12 -10774.167
0.50000 331.790356 4887.311 -5.93E-13
5.88E-15 1.46E-12 -11958.208
0.75000 331.790356 4946.726 -6.00E-13
5.88E-15 1.60E-12 -13156.732
1.00000 331.790356 5006.140 -6.07E-13
5.88E-15 1.75E-12 -14369.737
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FRAME ELEMENT INTERNAL
FORCES

COMB ULO06 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 369.749099 5152.798 -6.25E-13
6.70E-15 1.38E-12 -11250.781
0.25000 369.749099 5212.212 -6.32E-13
6.70E-15 1.53E-12 -12514.016
0.50000 369.749099 5271.626 -6.40E-13
6.70E-15 1.68E-12 -13791.734
0.75000 369.749099 5331.040 -6.47E-13
6.70E-15 1.84E-12 -15083.934
1.00000 369.749099 5390.454 -6.54E-13
6.70E-15 2.00E-12 -16390.616

COMB ULO06 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 369.749099 5152.798 -6.25E-13
6.70E-15 1.38E-12 -11250.781
0.25000 369.749099 5212.212 -6.32E-13
6.70E-15 1.53E-12 -12514.016
0.50000 369.749099 5271.626 -6.40E-13
6.70E-15 1.68E-12 -13791.734
0.75000 369.749099 5331.040 -6.47E-13
6.70E-15 1.84E-12 -15083.934
1.00000 369.749099 5390.454 -6.54E-13
6.70E-15 2.00E-12 -16390.616

COMB ULO07 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 538.004936 5154.920 -6.25E-13
6.23E-15 1.26E-12 -10306.334
0.25000 538.004936 5214.335 -6.33E-13
6.23E-15 1.41E-12 -11570.087
0.50000 538.004936 5273.749 -6.40E-13
6.23E-15 1.57E-12 -12848.322
0.75000 538.004936 5333.163 -6.47E-13
6.23E-15 1.72E-12 -14141.039
1.00000 538.004936 5392.577 -6.54E-13
6.23E-15 1.88E-12 -15448.239

COMB ULO07 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 538.004936 5154.920 -6.25E-13
6.23E-15 1.26E-12 -10306.334
0.25000 538.004936 5214.335 -6.33E-13
6.23E-15 1.41E-12 -11570.087
0.50000 538.004936 5273.749 -6.40E-13
6.23E-15 1.57E-12 -12848.322
0.75000 538.004936 5333.163 -6.47E-13
6.23E-15 1.72E-12 -14141.039
1.00000 538.004936 5392.577 -6.54E-13
6.23E-15 1.88E-12 -15448.239

COMB ULO08 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 250.197667 4094.170 -4.97E-13
5.36E-15 1.10E-12 -9005.778
0.25000 250.197667 4153.584 -5.04E-13
5.36E-15 1.22E-12 -10010.973
0.50000 250.197667 4212.998 -5.11E-13
5.36E-15 1.35E-12 -11030.650
0.75000 250.197667 4272.412 -5.18E-13
5.36E-15 1.47E-12 -12064.809
1.00000 250.197667 4331.826 -5.26E-13
5.36E-15 1.60E-12 -13113.451

COMB ULO08 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 250.197667 4094.170 -4.97E-13
5.36E-15 1.10E-12 -9005.778
0.25000 250.197667 4153.584 -5.04E-13
5.36E-15 1.22E-12 -10010.973
0.50000 250.197667 4212.998 -5.11E-13
5.36E-15 1.35E-12 -11030.650
0.75000 250.197667 4272.412 -5.18E-13
5.36E-15 1.47E-12 -12064.809
1.00000 250.197667 4331.826 -5.26E-13
5.36E-15 1.60E-12 -13113.451
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FRAME ELEMENT INTERNAL
FORCES

COMB ULO09 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 418.453504 4096.292 -4.97E-13
4.89E-15 9.85E-13 -8061.331
0.25000 418.453504 4155.706 -5.04E-13
4.89E-15 1.11E-12 -9067.043
0.50000 418.453504 4215.120 -5.11E-13
4.89E-15 1.23E-12 -10087.238
0.75000 418.453504 4274.534 -5.19E-13
4.89E-15 1.36E-12 -11213.914
1.00000 418.453504 4333.948 -5.26E-13
4.89E-15 1.48E-12 -12171.073

COMB ULO09 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 418.453504 4096.292 -4.97E-13
4.89E-15 9.85E-13 -8061.331
0.25000 418.453504 4155.706 -5.04E-13
4.89E-15 1.11E-12 -9067.043
0.50000 418.453504 4215.120 -5.11E-13
4.89E-15 1.23E-12 -10087.238
0.75000 418.453504 4274.534 -5.19E-13
4.89E-15 1.36E-12 -11213.914
1.00000 418.453504 4333.948 -5.26E-13
4.89E-15 1.48E-12 -12171.073

COMB ULO10 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 102.251124 4942.345 -6.00E-13
6.67E-15 1.35E-12 -11008.570
0.25000 102.251124 4999.474 -6.07E-13
6.67E-15 1.49E-12 -12220.229
0.50000 102.251124 5056.603 -6.14E-13
6.67E-15 1.64E-12 -13445.813
0.75000 102.251124 5113.732 -6.21E-13
6.67E-15 1.79E-12 -14688.323
1.00000 102.251124 5170.861 -6.27E-13
6.67E-15 1.94E-12 -15938.757

COMB ULO10 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 102.251124 4942.345 -6.00E-13
6.67E-15 1.35E-12 -11008.570
0.25000 102.251124 4999.474 -6.07E-13
6.67E-15 1.49E-12 -12220.229
0.50000 102.251124 5056.603 -6.14E-13
6.67E-15 1.64E-12 -13445.813
0.75000 102.251124 5113.732 -6.21E-13
6.67E-15 1.79E-12 -14688.323
1.00000 102.251124 5170.861 -6.27E-13
6.67E-15 1.94E-12 -15938.757

COMB ULO11 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 264.035583 4944.386 -6.00E-13
6.22E-15 1.23E-12 -10100.447
0.25000 264.035583 5001.515 -6.07E-13
6.22E-15 1.38E-12 -11312.604
0.50000 264.035583 5058.644 -6.14E-13
6.22E-15 1.53E-12 -12538.686
0.75000 264.035583 5115.773 -6.21E-13
6.22E-15 1.68E-12 -13778.693
1.00000 264.035583 5172.901 -6.28E-13
6.22E-15 1.83E-12 -15032.625

COMB ULO11 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 264.035583 4944.386 -6.00E-13
6.22E-15 1.23E-12 -10100.447
0.25000 264.035583 5001.515 -6.07E-13

6.22E-15 1.38E-12 -11312.604
0.50000 264.035583 5058.644 -6.14E-13
6.22E-15 1.53E-12 -12538.686
0.75000 264.035583 5115.773 -6.21E-13
6.22E-15 1.68E-12 -13778.693
1.00000 264.035583 5172.901 -6.28E-13
6.22E-15 1.83E-12 -15032.625
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FRAME ELEMENT INTERNAL
FORCES

COMB ULO12 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 272.198029 5600.951 -6.80E-13
7.39E-15 1.50E-12 -12301.979
0.25000 272.198029 5658.080 -6.87E-13
7.39E-15 1.67E-12 -13674.174
0.50000 272.198029 5715.209 -6.93E-13
7.39E-15 1.84E-12 -15060.293
0.75000 272.198029 5772.338 -7.00E-13
7.39E-15 2.01E-12 -16460.338
1.00000 272.198029 5829.467 -7.07E-13
7.39E-15 2.18E-12 -17874.308

COMB ULO12 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 272.198029 5600.951 -6.80E-13
7.39E-15 1.50E-12 -12301.979
0.25000 272.198029 5658.080 -6.87E-13
7.39E-15 1.67E-12 -13674.174
0.50000 272.198029 5715.209 -6.93E-13
7.39E-15 1.84E-12 -15060.293
0.75000 272.198029 5772.338 -7.00E-13
7.39E-15 2.01E-12 -16460.338
1.00000 272.198029 5829.467 -7.07E-13
7.39E-15 2.18E-12 -17874.308

COMB ULO13 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 433.982489 5602.992 -6.80E-13
6.94E-15 1.39E-12 -11393.857
0.25000 433.982489 5660.121 -6.87E-13
6.94E-15 1.56E-12 -12766.549
0.50000 433.982489 5717.250 -6.94E-13
6.94E-15 1.73E-12 -14153.166
0.75000 433.982489 5774.379 -7.01E-13
6.94E-15 1.90E-12 -15553.708
1.00000 433.982489 5831.508 -7.07E-13
6.94E-15 2.07E-12 -16968.175

COMB ULO13 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 433.982489 5602.992 -6.80E-13
6.94E-15 1.39E-12 -11393.857
0.25000 433.982489 5660.121 -6.87E-13
6.94E-15 1.56E-12 -12766.549
0.50000 433.982489 5717.250 -6.94E-13
6.94E-15 1.73E-12 -14153.166
0.75000 433.982489 5774.379 -7.01E-13
6.94E-15 1.90E-12 -15553.708
1.00000 433.982489 5831.508 -7.07E-13
6.94E-15 2.07E-12 -16968.175

COMB ULO14 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 157.244730 4583.040 -5.56E-13
6.11E-15 1.24E-12 -10143.323
0.25000 157.244730 4640.168 -5.63E-13
6.11E-15 1.38E-12 -11267.401
0.50000 157.244730 4697.297 -5.70E-13
6.11E-15 1.52E-12 -12405.405
0.75000 157.244730 4754.426 -5.77E-13
6.11E-15 1.66E-12 -13557.333
1.00000 157.244730 4811.555 -5.84E-13
6.11E-15 1.80E-12 -14723.187

COMB ULO14 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 157.244730 4583.040 -5.56E-13
6.11E-15 1.24E-12 -10143.323
0.25000 157.244730 4640.168 -5.63E-13
6.11E-15 1.38E-12 -11267.401
0.50000 157.244730 4697.297 -5.70E-13
6.11E-15 1.52E-12 -12405.405
0.75000 157.244730 4754.426 -5.77E-13
6.11E-15 1.66E-12 -13557.333
1.00000 157.244730 4811.555 -5.84E-13
6.11E-15 1.80E-12 -14723.187
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FRAME ELEMENT INTERNAL
FORCES

COMB ULO15 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 319.029189 4585.080 -5.56E-13
5.65E-15 1.13E-12 -9235.200
0.25000 319.029189 4642.209 -5.63E-13
5.65E-15 1.26E-12 -10359.776
0.50000 319.029189 4699.338 -5.70E-13
5.65E-15 1.40E-12 -11498.277
0.75000 319.029189 4756.467 -5.77E-13
5.65E-15 1.54E-12 -12650.703
1.00000 319.029189 4813.596 -5.84E-13
5.65E-15 1.68E-12 -13817.055

COMB ULO15 ----- MIN

REL DIST P V2 V3
T M2 M3
0.00000 319.029189 4585.080 -5.56E-13
5.65E-15 1.13E-12 -9235.200
0.25000 319.029189 4642.209 -5.63E-13
5.65E-15 1.26E-12 -10359.776
0.50000 319.029189 4699.338 -5.70E-13
5.65E-15 1.40E-12 -11498.277
0.75000 319.029189 4756.467 -5.77E-13
5.65E-15 1.54E-12 -12650.703
1.00000 319.029189 4813.596 -5.84E-13
5.65E-15 1.68E-12 -13817.055

COMB ULO16 ----- MAX

REL DIST P V2 V3
T M2 M3
0.00000 321.887311 3150.994 -3.82E-13

3.76E-15 7.58E-13 -6201.024
0.25000 321.887311 3196.697 -3.88E-13
3.76E-15 8.52E-13 -6974.649
0.50000 321.887311 3242.400 -3.93E-13
3.76E-15 9.47E-13 -7759.414
0.75000 321.887311

1.00000 321.894688 3334.214 -4.04E-13
3.77E-15 1.14E-12 -9363.897
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L F O R C E S

COMB UEO03 ----- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	178.038190	4197.270	-5.09E-13
5.34E-15	1.06E-12	-8645.294	-5.15E-13
0.25000	178.038190	4242.973	-5.15E-13
5.34E-15	1.18E-12	-9673.949	-5.20E-13
0.50000	178.038190	4288.676	-5.20E-13
5.34E-15	1.31E-12	-10713.744	-5.26E-13
0.75000	178.038190	4334.380	-5.31E-13
5.34E-15	1.43E-12	-11764.679	-5.31E-13
1.00000	178.038190	4380.083	-5.31E-13
5.34E-15	1.56E-12	-12826.754	

COMB UEO03 ----- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	178.038190	4197.270	-5.09E-13
5.34E-15	1.06E-12	-8645.294	-5.15E-13
0.25000	178.038190	4242.973	-5.15E-13
5.34E-15	1.18E-12	-9673.949	-5.20E-13
0.50000	178.038190	4288.676	-5.20E-13
5.34E-15	1.31E-12	-10713.744	-5.26E-13
0.75000	178.038190	4334.380	-5.31E-13
5.34E-15	1.43E-12	-11764.679	-5.31E-13
1.00000	178.038190	4380.083	-5.31E-13
5.34E-15	1.56E-12	-12826.754	

COMB UEO04 ----- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	354.782972	4882.221	-5.92E-13
6.09E-15	1.22E-12	-9990.440	-5.98E-13
0.25000	354.782972	4927.924	-5.98E-13
6.09E-15	1.37E-12	-11186.052	-6.03E-13
0.50000	354.782972	4973.627	-6.03E-13
6.09E-15	1.51E-12	-12392.803	-6.09E-13
0.75000	354.782972	5019.330	-6.09E-13
6.09E-15	1.66E-12	-13610.695	-6.15E-13
1.00000	354.782972	5065.033	-6.15E-13
6.09E-15	1.81E-12	-14839.726	

COMB UEO04 ----- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	354.782972	4882.221	-5.92E-13
6.09E-15	1.22E-12	-9990.440	-5.98E-13
0.25000	354.782972	4927.924	-5.98E-13
6.09E-15	1.37E-12	-11186.052	-6.03E-13
0.50000	354.782972	4973.627	-6.03E-13
6.09E-15	1.51E-12	-12392.803	-6.09E-13
0.75000	354.782972	5019.330	-6.09E-13
6.09E-15	1.66E-12	-13610.695	-6.15E-13
1.00000	354.782972	5065.033	-6.15E-13
6.09E-15	1.81E-12	-14839.726	

COMB UEO05 ----- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	235.231540	3823.592	-4.64E-13
4.75E-15	9.46E-13	-7745.437	-4.69E-13
0.25000	235.231540	3869.295	-4.69E-13
4.75E-15	1.06E-12	-8683.008	-4.75E-13
0.50000	235.231540	3914.999	-4.81E-13
4.75E-15	1.18E-12	-9631.719	-4.81E-13
0.75000	235.231540	3960.702	-4.86E-13
4.75E-15	1.29E-12	-10591.570	-4.86E-13
1.00000	235.231540	4006.405	-4.86E-13
4.75E-15	1.41E-12	-11562.561	

COMB UEO05 ----- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	235.231540	3823.592	-4.64E-13
4.75E-15	9.46E-13	-7745.437	-4.69E-13
0.25000	235.231540	3869.295	-4.69E-13
4.75E-15	1.06E-12	-8683.008	-4.75E-13
0.50000	235.231540	3914.999	-4.81E-13
4.75E-15	1.18E-12	-9631.719	-4.81E-13
0.75000	235.231540	3960.702	-4.86E-13
4.75E-15	1.29E-12	-10591.570	-4.86E-13
1.00000	235.231540	4006.405	-4.86E-13
4.75E-15	1.41E-12	-11562.561	

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L F O R C E S

COMB UEO06 ----- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	273.190282	4207.907	-5.11E-13
5.57E-15	1.15E-12	-9391.610	-5.16E-13
0.25000	273.190282	4253.610	-5.16E-13
5.57E-15	1.27E-12	-10422.857	-5.22E-13
0.50000	273.190282	4299.313	-5.22E-13
5.57E-15	1.40E-12	-11465.245	-5.27E-13
0.75000	273.190282	4345.017	-5.33E-13
5.57E-15	1.53E-12	-12518.772	-5.33E-13
1.00000	273.190282	4390.720	-5.33E-13
5.57E-15	1.66E-12	-13583.440	

COMB UEO06 ----- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	273.190282	4207.907	-5.11E-13
5.57E-15	1.15E-12	-9391.610	-5.16E-13
0.25000	273.190282	4253.610	-5.16E-13
5.57E-15	1.27E-12	-10422.857	-5.22E-13
0.50000	273.190282	4299.313	-5.22E-13
5.57E-15	1.40E-12	-11465.245	-5.27E-13
0.75000	273.190282	4345.017	-5.33E-13
5.57E-15	1.53E-12	-12518.772	-5.33E-13
1.00000	273.190282	4390.720	-5.33E-13
5.57E-15	1.66E-12	-13583.440	

COMB UEO07 ----- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	441.446120	4210.029	-5.11E-13
5.10E-15	1.03E-12	-8447.163	-5.16E-13
0.25000	441.446120	4255.733	-5.16E-13
5.10E-15	1.16E-12	-9478.927	-5.22E-13
0.50000	441.446120	4301.436	-5.22E-13
5.10E-15	1.28E-12	-10521.832	

0.75000 441.446120 4347.139 -5.27E-13
5.10E-15 1.41E-12 -11575.877
1.00000 441.446120 4392.842 -5.33E-13
5.10E-15 1.54E-12 -12641.062

COMB UEO07 ----- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	441.446120	4210.029	-5.11E-13
5.10E-15	1.03E-12	-8447.163	-5.16E-13
0.25000	441.446120	4255.733	-5.16E-13
5.10E-15	1.16E-12	-9478.927	-5.22E-13
0.50000	441.446120	4301.436	-5.22E-13
5.10E-15	1.28E-12	-10521.832	-5.27E-13
0.75000	441.446120	4347.139	-5.33E-13
5.10E-15	1.41E-12	-11575.877	-5.33E-13
1.00000	441.446120	4392.842	-5.33E-13
5.10E-15	1.54E-12	-12641.062	

COMB UEO08 ----- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	153.638850	3149.279	-3.82E-13
4.24E-15	8.75E-13	-7146.607	-3.88E-13
0.25000	153.638850	3194.982	-3.88E-13
4.24E-15	9.69E-13	-7919.814	-3.93E-13
0.50000	153.638850	3240.685	-3.93E-13
4.24E-15	1.06E-12	-8704.161	-3.99E-13
0.75000	153.638850	3286.388	-3.99E-13
4.24E-15	1.16E-12	-9499.648	-4.04E-13
1.00000	153.638850	3332.091	-4.04E-13
4.24E-15	1.26E-12	-10306.275	

COMB UEO08 ----- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	153.638850	3149.279	-3.82E-13
4.24E-15	8.75E-13	-7146.607	-3.88E-13
0.25000	153.638850	3194.982	-3.88E-13
4.24E-15	9.69E-13	-7919.814	-3.93E-13
0.50000	153.638850	3240.685	-3.93E-13
4.24E-15	1.06E-12	-8704.161	-3.99E-13
0.75000	153.638850	3286.388	-3.99E-13
4.24E-15	1.16E-12	-9499.648	-4.04E-13
1.00000	153.638850	3332.091	-4.04E-13
4.24E-15	1.26E-12	-10306.275	

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L F O R C E S

COMB UEO09 ----- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	321.894688	3151.401	-3.82E-13
3.77E-15	7.58E-13	-6202.160	-3.88E-13
0.25000	321.894688	3197.104	-3.88E-13
3.77E-15	8.52E-13	-6975.884	-3.93E-13
0.50000	321.894688	3242.807	-3.93E-13
3.77E-15	9.47E-13	-7760.748	-3.99E-13
0.75000	321.894688	3288.511	-3.99E-13
3.77E-15	1.04E-12	-8556.752	-4.04E-13
1.00000	321.894688	3334.214	-4.04E-13
3.77E-15	1.14E-12	-9363.897	

COMB UEO09 ----- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	321.894688	3151.401	-3.82E-13
3.77E-15	7.58E-13	-6202.160	-3.88E-13
0.25000	321.894688	3197.104	-3.88E-13
3.77E-15	8.52E-13	-6975.884	-3.93E-13
0.50000	321.894688	3242.807	-3.93E-13
3.77E-15	9.47E-13	-7760.748	-3.99E-13
0.75000	321.894688	3288.511	-3.99E-13
3.77E-15	1.04E-12	-8556.752	-4.04E-13
1.00000	321.894688	3334.214	-4.04E-13
3.77E-15	1.14E-12	-9363.897	

COMB UEO10 ----- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	5.692307	3997.454	-4.85E-13
5.54E-15	1.12E-12	-9149.399	-4.90E-13
0.25000	5.692307	4040.872	-4.96E-13
5.54E-15	1.24E-12	-10129.070	-4.96E-13
0.50000	5.692307	4084.290	-4.96E-13
5.54E-15	1.36E-12	-11119.324	-5.01E-13
0.75000	5.692307	4127.708	-5.06E-13
5.54E-15	1.48E-12	-12120.161	-5.06E-13
1.00000	5.692307	4171.126	-5.06E-13
5.54E-15	1.60E-12	-13131.581	

COMB UEO10 ----- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	5.692307	3997.454	-4.85E-13
5.54E-15	1.12E-12	-9149.399	-4.90E-13
0.25000	5.692307	4040.872	-4.96E-13
5.54E-15	1.24E-12	-10129.070	-4.96E-13
0.50000	5.692307	4084.290	-4.96E-13
5.54E-15	1.36E-12	-11119.324	-5.01E-13
0.75000	5.692307	4127.708	-5.06E-13
5.54E-15	1.48E-12	-12120.161	-5.06E-13
1.00000	5.692307	4171.126	-5.06E-13
5.54E-15	1.60E-12	-13131.581	

COMB UEO11 ----- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	167.476766	3999.495	-4.85E-13
5.09E-15	1.01E-12	-8241.276	-4.91E-13
0.25000	167.476766	4042.913	-4.96E-13
5.09E-15	1.13E-12	-9221.445	-4.96E-13
0.50000	167.476766	4086.331	-4.96E-13
5.09E-15	1.25E-12	-10212.196	-5.01E-13
0.75000	167.476766	4129.749	-5.06E-13
5.09E-15	1.37E-12	-11213.531	-5.06E-13
1.00000	167.476766	4173.167	-5.06E-13
5.09E-15	1.49E-12	-12225.449	

COMB UEO11 ----- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	167.476766	3999.495	-4.85E-13
5.09E-15	1.01E-12	-8241.276	-4.91E-13
0.25000	167.476766	4042.913	-4.96E-13
5.09E-15	1.13E-12	-9221.445	-4.96E-13
0.50000	167.476766	4086.331	-4.96E-13
5.09E-15	1.25E-12	-10212.196	-5.01E-13
0.7500			

L F O R C E S

COMB ENVOULT ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	616.173180			5847.100		-7.09E-13
7.10E-15	1.44E-12		-11774.220			-7.17E-13
0.25000	616.173180			5906.514		-7.17E-13
7.10E-15	1.61E-12		-13206.892			-7.24E-13
0.50000	616.173180			5965.929		-7.24E-13
7.10E-15	1.79E-12		-14653.646			-7.31E-13
0.75000	616.173180			6025.343		-7.31E-13
7.10E-15	1.97E-12		-16115.082			-7.38E-13
1.00000	616.173180			6084.757		-7.38E-13
7.10E-15	2.14E-12		-17591.001			

COMB ENVOULT ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	616.173180			5847.100		-7.09E-13
7.10E-15	1.44E-12		-11774.220			-7.17E-13
0.25000	616.173180			5906.514		-7.17E-13
7.10E-15	1.61E-12		-13206.892			-7.24E-13
0.50000	616.173180			5965.929		-7.24E-13
7.10E-15	1.79E-12		-14653.646			-7.31E-13
0.75000	616.173180			6025.343		-7.31E-13
7.10E-15	1.97E-12		-16115.082			-7.38E-13
1.00000	616.173180			6084.757		-7.38E-13
7.10E-15	2.14E-12		-17591.001			

COMB ENVOECC ----- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	519.614363			4902.209		-3.82E-13
5.97E-15	1.21E-12		-6202.160			-3.88E-13
0.25000	519.614363			4947.913		-3.88E-13
5.97E-15	1.36E-12		-6975.584			-3.93E-13
0.50000	519.614363			4993.616		-3.93E-13
5.97E-15	1.50E-12		-7760.748			-3.99E-13
0.75000	519.614363			5039.319		-3.99E-13
5.97E-15	1.65E-12		-8556.722			-4.04E-13
1.00000	519.614363			5085.022		-4.04E-13
5.97E-15	1.80E-12		-9363.897			

COMB ENVOECC ----- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	321.894688			3151.401		-5.95E-13
3.77E-15	7.58E-13		-9915.049			-6.00E-13
0.25000	321.894688			3197.104		-6.06E-13
3.77E-15	8.52E-13		-11115.533			-6.11E-13
0.50000	321.894688			3242.807		-6.11E-13
3.77E-15	9.47E-13		-12327.157			-6.17E-13
0.75000	321.894688			3288.511		-6.17E-13
3.77E-15	1.04E-12		-13549.920			
1.00000	321.894688			3334.214		
3.77E-15	1.14E-12		-14783.824			

ELEM 15 ----- LENGTH =

LOAD D -----

REL DIST	T	P	M2	V2	M3	V3
0.00000	-7.28E-12		-5891.722			7.14E-13
-3.16E-30	1.43E-12		-11810.223			7.08E-13
0.25000	-7.28E-12		-5846.019			7.02E-13
-3.16E-30	1.26E-12		-10379.686			6.97E-13
0.50000	-7.28E-12		-5800.316			6.91E-13
-3.16E-30	1.09E-12		-8960.289			6.91E-13
0.75000	-7.28E-12		-5754.613			6.91E-13
-3.16E-30	9.15E-13		-7552.032			6.91E-13
1.00000	-7.28E-12		-5708.910			6.91E-13
-3.16E-30	7.45E-13		-6154.915			

LOAD L1 -----

REL DIST	T	P	M2	V2	M3	V3
0.00000	-1.82E-12		-1573.980			1.91E-13
7.10E-30	3.90E-13		-3217.215			1.91E-13
0.25000	-1.82E-12		-1573.980			1.91E-13
7.10E-30	3.43E-13		-2833.557			1.91E-13
0.50000	-1.82E-12		-1573.980			1.91E-13
7.10E-30	2.97E-13		-2449.900			

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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	V2	M3	V3
0.75000	-1.82E-12		-1573.980			1.91E-13
7.10E-30	2.50E-13		-2066.242			1.91E-13
1.00000	-1.82E-12		-1573.980			
7.10E-30	2.04E-13		-1682.585			

LOAD W-LO -----

REL DIST	T	P	M2	V2	M3	V3
0.00000	-4.73E-30		-2.82E-15			-23.248500
-1.27E-11	-38.221628		-4.63E-15			-21.420375
0.25000	-4.73E-30		-2.59E-15			-19.592250
-1.27E-11	-32.777609		-3.97E-15			-17.764125
0.50000	-4.73E-30		-2.37E-15			-17.764125
-1.27E-11	-27.779195		-3.36E-15			-17.764125
0.75000	-4.73E-30		-2.15E-15			-17.764125
-1.27E-11	-23.226387		-2.81E-15			-15.936000
1.00000	-4.73E-30		-1.93E-15			-15.936000
-1.27E-11	-19.119184		-2.32E-15			

LOAD G-LO2 -----

REL DIST	T	P	M2	V2	M3	V3
0.00000	-2.52E-29		-3.22E-14			-265.526000
-400.014000	-542.735144		-6.57E-14			-265.526000
0.25000	-2.52E-29		-3.22E-14			-265.526000
-400.014000	-478.013182		-5.79E-14			-265.526000
0.50000	-2.52E-29		-3.22E-14			-265.526000
-400.014000	-413.291219		-5.01E-14			-265.526000
0.75000	-2.52E-29		-3.22E-14			-265.526000
-400.014000	-348.569257		-4.22E-14			-265.526000
1.00000	-2.52E-29		-3.22E-14			-265.526000
-400.014000	-283.847294		-3.44E-14			

LOAD E-LO -----

REL DIST	T	P	M2	V2	M3	V3
0.00000	0.000000		0.000000			0.000000
0.00000	0.000000		0.000000			0.000000
0.25000	0.000000		0.000000			0.000000
0.00000	0.000000		0.000000			0.000000
0.50000	0.000000		0.000000			0.000000
0.00000	0.000000		0.000000			0.000000
0.75000	0.000000		0.000000			0.000000
0.00000	0.000000		0.000000			0.000000
1.00000	0.000000		0.000000			0.000000
0.00000	0.000000		0.000000			0.000000

LOAD W-TR -----

REL DIST	T	P	M2	V2	M3	V3
0.00000	217.592000			1.46E-11		-3.03E-27
7.89E-31	9.21E-14		-760.811000			-3.03E-27
0.25000	217.592000			1.46E-11		-3.03E-27
7.89E-31	9.21E-14		-760.811000			-3.03E-27
0.50000	217.592000			1.46E-11		-3.03E-27
7.89E-31	9.21E-14		-760.811000			-3.03E-27
0.75000	217.592000			1.46E-11		-3.03E-27
7.89E-31	9.21E-14		-760.811000			-3.03E-27
1.00000	217.592000			1.46E-11		-3.03E-27
7.89E-31	9.21E-14		-760.811000			

LOAD WL -----

REL DIST	T	P	M2	V2	M3	V3
0.00000	26.000000			2.05E-12		-4.29E-28
2.96E-31	1.84E-14		-151.957000			-4.29E-28
0.25000	26.000000			2.05E-12		-4.29E-28
2.96E-31	1.84E-14		-151.957000			-4.29E-28
0.50000	26.000000			2.05E-12		-4.29E-28
2.96E-31	1.84E-14		-151.957000			-4.29E-28
0.75000	26.000000			2.05E-12		-4.29E-28
2.96E-31	1.84E-14		-151.957000			-4.29E-28

LOAD G-TR -----

REL DIST	T	P	M2	V2	M3	V3
0.00000	-2.91E-11		2.73E-12			-6.18E-28
3.16E-30	-8.08E-28		1.82E-12			-6.18E-28
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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	V2	M3	V3
0.25000	-2.91E-11		2.73E-12			-6.18E-28
3.16E-30	-8.08E-28		1.82E-12			-6.18E-28
0.50000	-2.91E-11		2.73E-12			-6.18E-28
3.16E-30	-3.56E-28		-1.76E-13			-6.18E-28
1.00000	-2.91E-11		2.73E-12			-6.18E-28
3.16E-30	-2.05E-28		-8.41E-13			

LOAD E-TR -----

REL DIST	T	P	M2	V2	M3	V3
0.00000	0.000000		0.000000			0.000000
0.25000	0.000000		0.000000			0.000000
0.00000	0.000000		0.000000			0.000000
0.50000	0.000000		0.000000			0.000000
0.00000	0.000000		0.000000			0.000000
0.75000	0.000000		0.000000			0.000000
0.00000	0.000000		0.000000			0.000000
1.00000	0.000000		0.000000			0.000000
0.00000	0.000000		0.000000			0.000000

LOAD Q1-TR -----

REL DIST	T	P	M2	V2	M3	V3
0.00000	-6.82E-13		2.66E-14			-5.13E-30
3.08E-33	-5.92E-30		2.49E-14			-5.13E-30
0.25000	-6.82E-13		2.66E-14			-5.13E-30
3.08E-33	-4.67E-30		1.84E-14			-5.13E-30
0.50000	-6.82E-13		2.66E-14			-5.13E-30
3.08E-33	-3.42E-30		1.19E-14			-5.13E-30
0.75000	-6.82E-13		2.66E-14			-5.13E-30
3.08E-33	-2.17E-30		5.38E-15			-5.13E-30
1.00000	-6.82E-13		2.66E-14			-5.13E-30
3.08E-33	-9.17E-31		-1.11E-15			

LOAD COL-TR -----

REL DIST	T	P M2	V2 M3	V3
0.00000	-9.09E-13	5.68E-14	-1.10E-29	
1.54E-32	-1.34E-29	5.68E-14	-1.10E-29	
0.25000	-9.09E-13	5.68E-14	-1.10E-29	
1.54E-32	-1.07E-29	4.30E-14	-1.10E-29	
0.50000	-9.09E-13	5.68E-14	-1.10E-29	
1.54E-32	-8.03E-30	2.91E-14	-1.10E-29	
0.75000	-9.09E-13	5.68E-14	-1.10E-29	
1.54E-32	-5.33E-30	1.53E-14	-1.10E-29	
1.00000	-9.09E-13	5.68E-14	-1.10E-29	

COMB SVB11 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.28E-12	-5891.722	-23.248500	
-1.27E-11	-38.221628	-11810.223		
0.25000	-7.28E-12	-5846.019	-21.420375	
-1.27E-11	-32.777609	-10379.686		
0.50000	-7.28E-12	-5800.316	-19.592250	
-1.27E-11	-27.77195	-8960.289		
0.75000	-7.28E-12	-5754.613	-17.764125	
-1.27E-11	-23.226387	-7552.032		
1.00000	-7.28E-12	-5708.910	-15.936000	
-1.27E-11	-19.119184	-6154.915		

COMB SVB12 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-9.09E-12	-7465.702	-277.150250	
-400.014000	-561.845958	-15027.438		
0.25000	-9.09E-12	-7419.999	-276.236188	
-400.014000	-494.401986	-13213.243		
0.50000	-9.09E-12	-7374.296	-275.322125	
-400.014000	-427.180817	-11410.189		
0.75000	-9.09E-12	-7328.593	-274.408063	
-400.014000	-360.182450	-9618.274		
1.00000	-9.09E-12	-7282.890	-273.494000	
-400.014000	-293.406886	-7837.499		

COMB SVB12 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-9.09E-12	-7465.702	-277.150250	
-400.014000	-561.845958	-15027.438		
0.25000	-9.09E-12	-7419.999	-276.236188	
-400.014000	-494.401986	-13213.243		
0.50000	-9.09E-12	-7374.296	-275.322125	
-400.014000	-427.180817	-11410.189		
0.75000	-9.09E-12	-7328.593	-274.408063	
-400.014000	-360.182450	-9618.274		
1.00000	-9.09E-12	-7282.890	-273.494000	
-400.014000	-293.406886	-7837.499		

COMB SVB13 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-9.09E-12	-7465.702	-11.624250	
-6.37E-12	-19.110814	-15027.438		
0.25000	-9.09E-12	-7419.999	-10.710188	
-6.37E-12	-16.388804	-13213.243		
0.50000	-9.09E-12	-7374.296	-9.796125	
-6.37E-12	-13.889598	-11410.189		
0.75000	-9.09E-12	-7328.593	-8.882063	
-6.37E-12	-11.613193	-9618.274		
1.00000	-9.09E-12	-7282.890	-7.968000	
-6.37E-12	-9.559592	-7837.499		

COMB SVB13 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-9.09E-12	-7465.702	-11.624250	
-6.37E-12	-19.110814	-15027.438		
0.25000	-9.09E-12	-7419.999	-10.710188	
-6.37E-12	-16.388804	-13213.243		
0.50000	-9.09E-12	-7374.296	-9.796125	
-6.37E-12	-13.889598	-11410.189		
0.75000	-9.09E-12	-7328.593	-8.882063	
-6.37E-12	-11.613193	-9618.274		
1.00000	-9.09E-12	-7282.890	-7.968000	
-6.37E-12	-9.559592	-7837.499		
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FRAME ELEMENT INTERNAL FORCES				
COMB SVB14 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.28E-12	-5891.722	-277.150250	
-400.014000	-561.845958	-11810.223		
0.25000	-7.28E-12	-5846.019	-276.236188	
-400.014000	-494.401986	-10379.686		
0.50000	-7.28E-12	-5800.316	-275.322125	
-400.014000	-427.180817	-8960.289		
0.75000	-7.28E-12	-5754.613	-274.408063	
-400.014000	-360.182450	-7552.032		
1.00000	-7.28E-12	-5708.910	-273.494000	
-400.014000	-293.406886	-6154.915		

COMB SVB14 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.28E-12	-5891.722	-277.150250	
-400.014000	-561.845958	-11810.223		
0.25000	-7.28E-12	-5846.019	-276.236188	
-400.014000	-494.401986	-10379.686		
0.50000	-7.28E-12	-5800.316	-275.322125	
-400.014000	-427.180817	-8960.289		
0.75000	-7.28E-12	-5754.613	-274.408063	
-400.014000	-360.182450	-7552.032		
1.00000	-7.28E-12	-5708.910	-273.494000	
-400.014000	-293.406886	-6154.915		

COMB SVB15 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.28E-12	-5891.722	-11.624250	
-6.37E-12	-19.110814	-11810.223		
0.25000	-7.28E-12	-5846.019	-10.710188	
-6.37E-12	-16.388804	-10379.686		
0.50000	-7.28E-12	-5800.316	-9.796125	
-6.37E-12	-13.889598	-8960.289		
0.75000	-7.28E-12	-5754.613	-8.882063	
-6.37E-12	-11.613193	-7552.032		
1.00000	-7.28E-12	-5708.910	-7.968000	
-6.37E-12	-9.559592	-6154.915		

COMB SVB15 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-7.28E-12	-5891.722	-11.624250	
-6.37E-12	-19.110814	-11810.223		
0.25000	-7.28E-12	-5846.019	-10.710188	
-6.37E-12	-16.388804	-10379.686		
0.50000	-7.28E-12	-5800.316	-9.796125	
-6.37E-12	-13.889598	-8960.289		
0.75000	-7.28E-12	-5754.613	-8.882063	
-6.37E-12	-11.613193	-7552.032		
1.00000	-7.28E-12	-5708.910	-7.968000	
-6.37E-12	-9.559592	-6154.915		

COMB ULB01 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-1.34E-11	-11043.296	1.34E-12	
1.12E-29	2.70E-12	-22270.303		

0.25000	-1.34E-11	-10983.882	1.33E-12	
1.12E-29	2.37E-12	-19585.740		
0.50000	-1.34E-11	-10924.468	1.32E-12	
1.12E-29	2.05E-12	-16915.660		
0.75000	-1.34E-11	-10865.054	1.32E-12	
1.12E-29	1.73E-12	-14260.062		
1.00000	-1.34E-11	-10805.640	1.31E-12	
1.12E-29	1.41E-12	-11618.946		

COMB ULB01 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-1.34E-11	-11043.296	1.34E-12	
1.12E-29	2.70E-12	-22270.303		
0.25000	-1.34E-11	-10983.882	1.33E-12	
1.12E-29	2.37E-12	-19585.740		
0.50000	-1.34E-11	-10924.468	1.32E-12	
1.12E-29	2.05E-12	-16915.660		
0.75000	-1.34E-11	-10865.054	1.32E-12	
1.12E-29	1.73E-12	-14260.062		
1.00000	-1.34E-11	-10805.640	1.31E-12	
1.12E-29	1.41E-12	-11618.946		
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FRAME ELEMENT INTERNAL FORCES				
COMB ULB02 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-9.46E-12	-7659.239	9.28E-13	
-4.10E-30	1.86E-12	-15353.290		
0.25000	-9.46E-12	-7599.825	9.20E-13	
-4.10E-30	1.63E-12	-13493.592		
0.50000	-9.46E-12	-7540.411	9.13E-13	
-4.10E-30	1.41E-12	-11648.375		
0.75000	-9.46E-12	-7480.997	9.06E-13	
1.12E-29	1.19E-12	-9817.641		
1.00000	-9.46E-12	-7421.583	8.99E-13	
-4.10E-30	9.69E-13	-8001.389		

COMB ULB02 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-9.46E-12	-7659.239	9.28E-13	
-4.10E-30	1.86E-12	-15353.290		
0.25000	-9.46E-12	-7599.825	9.20E-13	
-4.10E-30	1.63E-12	-13493.592		
0.50000	-9.46E-12	-7540.411	9.13E-13	
-4.10E-30	1.41E-12	-11648.375		
0.75000	-9.46E-12	-7480.997	9.06E-13	
-4.10E-30	1.19E-12	-9817.641		
1.00000	-9.46E-12	-7421.583	8.99E-13	
-4.10E-30	9.69E-13	-8001.389		

COMB ULB03 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-9.46E-12	-7659.239	-30.223050	
-1.66E-11	-49.688116	-15353.290		
0.25000	-9.46E-12	-7599.825	-27.846488	
-1.66E-11	-42.610892	-13493.592		
0.50000	-9.46E-12	-7540.411	-25.469925	
-1.66E-11	-36.112954	-11648.375		
0.75000	-9.46E-12	-7480.997	-23.093363	
1.12E-29	-30.194303	-9817.641		
1.00000	-9.46E-12	-7421.583	-20.716800	
-1.66E-11	-24.854940	-8001.389		

COMB ULB03 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-9.46E-12	-7659.239	-30.223050	
-1.66E-11	-49.688116	-15353.290		
0.25000	-9.46E-12	-7599.825	-27.846488	
-1.66E-11	-42.610892	-13493.592		
0.50000	-9.46E-12	-7540.411	-25.469925	
-1.66E-11	-36.112954	-11648.375		
0.75000	-9.46E-12	-7480.997	-23.093363	
-1.66E-11	-30.194303	-9817.641		
1.00000	-9.46E-12	-7421.583	-20.716800	
-1.66E-11	-24.854940	-8001.389		

COMB ULB04 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-1.18E-11	-9705.413	-15.111525	
-8.28E-12	-24.844058	-19535.670		
0.25000	-1.18E-11	-9645.999	-13.923244	
-8.28E-12	-21.305446	-17177.216		
0.50000	-1.18E-11	-9586.585	-12.734963	
-8.28E-12	-18.056477	-14833.245		
0.75000	-1.18E-11	-9527.171	-11.546681	
-8.28E-12	-15.097152	-12503.756		
1.00000	-1.18E-11	-9467.757	-10.358400	
-8.28E-12	-12.427470	-10188.749		

COMB ULB04 ----- MIN				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	-1.18E-11	-9705.413	-15.111525	
-8.28E-12	-24.844058	-19535.670		
0.25000	-1.18E-11	-9645.999	-13.923244	
-8.28E-12	-21.305446	-17177.216		
0.50000	-1.18E-11	-9586.585	-12.734963	
-8.28E-12	-18.056477	-14833.245		
0.75000	-1.18E-11	-9527.171	-11.546681	
-8.28E-12	-15.097152	-12503.756		
1.00000	-1.18E-11	-9467.757	-10.358400	
-8.28E-12	-12.427470	-10188.749		
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-500.017500 -533.976021 -11200.361
0.75000 -9.09E-12 -7193.266 -343.010078
-500.017500 -450.228062 -9440.040
1.00000 -8.73E-12 -7016.917 -341.867500
-500.017500 -366.758608 -7693.643

COMB ULB15 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -9.09E-12 -7364.653 -14.530313
-7.96E-12 -23.888518 -14762.779
0.25000 -9.09E-12 -7307.524 -13.387734
-7.96E-12 -20.486006 -12974.607
0.50000 -9.09E-12 -7250.395 -12.245156
-7.96E-12 -17.361997 -11200.361
0.75000 -9.09E-12 -7193.266 -11.102578
-7.96E-12 -14.516492 -9440.040
1.00000 -9.09E-12 -7136.137 -9.960000
-7.96E-12 -11.949490 -7693.643

COMB ULB15 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -9.09E-12 -7364.653 -14.530313
-7.96E-12 -23.888518 -14762.779
0.25000 -9.09E-12 -7307.524 -13.387734
-7.96E-12 -20.486006 -12974.607
0.50000 -9.09E-12 -7250.395 -12.245156
-7.96E-12 -17.361997 -11200.361
0.75000 -9.09E-12 -7193.266 -11.102578
-7.96E-12 -14.516492 -9440.040
1.00000 -9.09E-12 -7136.137 -9.960000
-7.96E-12 -11.949490 -7693.643

COMB ULB16 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -7.28E-12 -5891.722 7.14E-13
-3.16E-30 1.43E-12 -11810.223 7.08E-13
0.25000 -7.28E-12 -5846.019 7.08E-13
-3.16E-30 1.26E-12 -10379.686 7.02E-13
0.50000 -7.28E-12 -5800.316 6.97E-13
-3.16E-30 1.09E-12 -8960.289 6.91E-13
0.75000 -7.28E-12 -5754.613 6.91E-13
-3.16E-30 9.15E-13 -7552.032 6.91E-13
1.00000 -7.28E-12 -5708.910 6.91E-13
-3.16E-30 7.45E-13 -6154.915

COMB ULB16 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -7.28E-12 -5891.722 7.14E-13
-3.16E-30 1.43E-12 -11810.223 7.08E-13
0.25000 -7.28E-12 -5846.019 7.08E-13
-3.16E-30 1.26E-12 -10379.686 7.02E-13
0.50000 -7.28E-12 -5800.316 6.97E-13
-3.16E-30 1.09E-12 -8960.289 6.91E-13
0.75000 -7.28E-12 -5754.613 6.91E-13
-3.16E-30 9.15E-13 -7552.032 6.91E-13
1.00000 -7.28E-12 -5708.910 6.91E-13
-3.16E-30 7.45E-13 -6154.915
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FRAME ELEMENT INTERNAL FORCES

COMB ULB17 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -1.18E-11 -9705.413 1.18E-12
-1.53E-11 -45.865954 -14172.268
0.25000 -1.18E-11 -9645.999 1.17E-12
-1.53E-11 -45.865954 -14172.268
0.50000 -1.18E-11 -9586.585 1.16E-12
-1.53E-11 -45.865954 -14172.268
0.75000 -1.18E-11 -9527.171 1.15E-12
-1.53E-11 -45.865954 -14172.268
1.00000 -1.18E-11 -9467.757 1.15E-12
-1.53E-11 -45.865954 -14172.268

COMB ULB17 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -1.18E-11 -9705.413 1.18E-12
-1.53E-11 -45.865954 -14172.268
0.25000 -1.18E-11 -9645.999 1.17E-12
-1.53E-11 -45.865954 -14172.268
0.50000 -1.18E-11 -9586.585 1.16E-12
-1.53E-11 -45.865954 -14172.268
0.75000 -1.18E-11 -9527.171 1.15E-12
-1.53E-11 -45.865954 -14172.268
1.00000 -1.18E-11 -9467.757 1.15E-12
-1.53E-11 -45.865954 -14172.268

COMB ULB18 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -8.73E-12 -7070.067 -27.898200
-1.53E-11 -45.865954 -14172.268
0.25000 -8.73E-12 -7015.223 -25.704450
-1.53E-11 -45.865954 -14172.268
0.50000 -8.73E-12 -6960.379 -23.510700
-1.53E-11 -45.865954 -14172.268
0.75000 -8.73E-12 -6905.536 -21.316950
-1.53E-11 -45.865954 -14172.268
1.00000 -8.73E-12 -6850.692 -19.123200
-1.53E-11 -45.865954 -14172.268

COMB ULB18 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -8.73E-12 -7070.067 -27.898200
-1.53E-11 -45.865954 -14172.268
0.25000 -8.73E-12 -7015.223 -25.704450
-1.53E-11 -45.865954 -14172.268
0.50000 -8.73E-12 -6960.379 -23.510700
-1.53E-11 -45.865954 -14172.268
0.75000 -8.73E-12 -6905.536 -21.316950
-1.53E-11 -45.865954 -14172.268
1.00000 -8.73E-12 -6850.692 -19.123200
-1.53E-11 -45.865954 -14172.268

COMB UEB01 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -1.12E-12 -9275.779 1.12E-12
0.25000 -1.12E-12 -9230.076 1.12E-12
1.21E-29 1.99E-12 -16471.834 1.11E-12
0.50000 -1.12E-12 -9184.373 1.11E-12
1.21E-29 1.72E-12 -14227.573 1.11E-12
0.75000 -1.12E-12 -9138.670 1.11E-12
1.21E-29 1.45E-12 -11994.453 1.10E-12
1.00000 -1.12E-12 -9092.967 1.10E-12
1.21E-29 1.18E-12 -9772.472

COMB UEB01 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -1.12E-12 -9275.779 1.12E-12
1.21E-29 2.27E-12 -18727.236 1.12E-12
0.25000 -1.12E-12 -9230.076 1.12E-12
1.21E-29 1.99E-12 -16471.834 1.11E-12
0.50000 -1.12E-12 -9184.373 1.11E-12
1.21E-29 1.72E-12 -14227.573 1.11E-12
0.75000 -1.12E-12 -9138.670 1.11E-12
1.21E-29 1.45E-12 -11994.453 1.10E-12
1.00000 -1.12E-12 -9092.967 1.10E-12
1.21E-29 1.18E-12 -9772.472
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FRAME ELEMENT INTERNAL FORCES

COMB UEB02 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -7.28E-12 -5891.722 7.14E-13
-3.16E-30 1.43E-12 -11810.223 7.08E-13
0.25000 -7.28E-12 -5846.019 7.08E-13
-3.16E-30 1.26E-12 -10379.686 7.02E-13
0.50000 -7.28E-12 -5800.316 6.97E-13
-3.16E-30 1.09E-12 -8960.289 6.91E-13
0.75000 -7.28E-12 -5754.613 6.91E-13
-3.16E-30 9.15E-13 -7552.032 6.91E-13
1.00000 -7.28E-12 -5708.910 6.91E-13
-3.16E-30 7.45E-13 -6154.915

COMB UEB02 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -7.28E-12 -5891.722 7.14E-13
-3.16E-30 1.43E-12 -11810.223 7.08E-13
0.25000 -7.28E-12 -5846.019 7.08E-13
-3.16E-30 1.26E-12 -10379.686 7.02E-13
0.50000 -7.28E-12 -5800.316 6.97E-13
-3.16E-30 1.09E-12 -8960.289 6.91E-13
0.75000 -7.28E-12 -5754.613 6.91E-13
-3.16E-30 9.15E-13 -7552.032 6.91E-13
1.00000 -7.28E-12 -5708.910 6.91E-13
-3.16E-30 7.45E-13 -6154.915

COMB UEB03 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -7.28E-12 -5891.722 -30.223050
-1.66E-11 -49.688116 -11810.223 -27.846488
0.25000 -7.28E-12 -5846.019 -27.846488
-1.66E-11 -42.610892 -10379.686 -25.469925
0.50000 -7.28E-12 -5800.316 -25.469925
-1.66E-11 -36.112954 -8960.289 -20.716800
0.75000 -7.28E-12 -5754.613 -23.093363
-1.66E-11 -30.194303 -7552.032 -20.716800
1.00000 -7.28E-12 -5708.910 -20.716800
-1.66E-11 -24.854940 -6154.915

COMB UEB03 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -7.28E-12 -5891.722 -30.223050
-1.66E-11 -49.688116 -11810.223 -27.846488
0.25000 -7.28E-12 -5846.019 -27.846488
-1.66E-11 -42.610892 -10379.686 -25.469925
0.50000 -7.28E-12 -5800.316 -25.469925
-1.66E-11 -36.112954 -8960.289 -20.716800
0.75000 -7.28E-12 -5754.613 -23.093363
-1.66E-11 -30.194303 -7552.032 -20.716800
1.00000 -7.28E-12 -5708.910 -20.716800
-1.66E-11 -24.854940 -6154.915

COMB UEB04 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -9.64E-12 -7937.896 -15.111525
-8.28E-12 -24.844058 -15992.603 -13.923244
0.25000 -9.64E-12 -7892.193 -13.923244
-8.28E-12 -21.305446 -14063.311 -12.734963
0.50000 -9.64E-12 -7846.490 -12.734963
-8.28E-12 -18.056477 -12145.159 -11.546681
0.75000 -9.64E-12 -7800.787 -11.546681
-8.28E-12 -15.097152 -10238.147 -10.358400
1.00000 -9.64E-12 -7755.084 -10.358400
-8.28E-12 -12.427470 -8342.275

COMB UEB04 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -9.64E-12 -7937.896 -15.111525
-8.28E-12 -24.844058 -15992.603 -13.923244
0.25000 -9.64E-12 -7892.193 -13.923244
-8.28E-12 -21.305446 -14063.311 -12.734963
0.50000 -9.64E-12 -7846.490 -12.734963
-8.28E-12 -18.056477 -12145.159 -11.546681
0.75000 -9.64E-12 -7800.787 -11.546681
-8.28E-12 -15.097152 -10238.147 -10.358400
1.00000 -9.64E-12 -7755.084 -10.358400
-8.28E-12 -12.427470 -8342.275
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FRAME ELEMENT INTERNAL FORCES

COMB UEB05 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -7.28E-12 -5891.722 -15.111525
-8.28E-12 -24.844058 -11810.223 -13.923244
0.25000 -7.28E-12 -5846.019 -13.923244
-8.28E-12 -21.305446 -10379.686 -12.734963
0.50000 -7.28E-12 -5800.316 -12.734963
-8.28E-12 -18.056477 -8960.289 -11.546681
0.75000 -7.28E-12 -5754.613 -11.546681
-8.28E-12 -15.097152 -7552.032 -10.358400
1.00000 -7.28E-12 -5708.910 -10.358400
-8.28E-12 -12.427470 -6154.915

COMB UEB05 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -7.28E-12 -5891.722 -15.111525
-8.28E-12 -24.844058 -11810.223 -13.923244
0.25000 -7.28E-12 -5846.019 -13.923244
-8.28E-12 -21.305446 -10379.686 -12.734963
0.50000 -7.28E-12 -5800.316 -12.734963
-8.28E-12 -18.056477 -8960.289 -11.546681
0.75000 -7.28E-12 -5754.613 -11.546681
-8.28E-12 -15.097152 -7552.032 -10.358400
1.00000 -7.28E-12 -5708.910 -10.358400
-8.28E-12 -12.427470 -6154.915

COMB UEB06 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -9.64E-12 -7937.896 -345.183800
-520.018200 -705.555687 -15992.603
0.25000 -9.64E-12 -7892.193 -345.183800
-520.018200 -621.417136 -14063.311
0.50000 -9.64E-12 -7846.490 -345.183800
-520.018200 -537.278585 -12145.159
0.75000 -9.64E-12 -7800.787 -345.183800
-520.018200 -453.140033 -10238.147
1.00000 -9.64E-12 -7755.084 -345.183800
-520.018200 -369.001482 -8342.275

COMB UEB06 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -9.64E-12 -7937.896 -345.183800
-520.018200 -705.555687 -15992.603
0.25000 -9.64E-12 -7892.193 -345.183800
-520.018200 -621.417136 -14063.311
0.50000 -9.64E-12 -7846.490 -345.183800
-520.018200 -537.278585 -12145.159
0.75000 -9.64E-12 -7800.787 -345.183800
-520.018200 -453.140033 -10238.147
1.00000 -9.64E-12 -7755.084 -345.183800
-520.018200 -369.001482 -8342.275

COMB UEB07 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -9.64E-12 -7937.896 9.61E-13
6.07E-30 1.94E-12 -15992.603 9.56E-13
0.25000 -9.64E-12 -7892.193 9.56E-13
6.07E-30 1.70E-12 -14063.311 9.50E-13
0.50000 -9.64E-12 -7846.490 9.45E-13
6.07E-30 1.47E-12 -12145.159 9.39E-13
0.75000 -9.64E-12 -7800.787 9.39E-13
6.07E-30 1.24E-12 -10238.147
1.00000 -9.64E-12 -7755.084
6.07E-30 1.01E-12 -8342.275

COMB UEB07 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -9.64E-12 -7937.896 9.61E-13
6.07E-30 1.94E-12 -15992.603 9.56E-13
0.25000 -9.64E-12 -7892.193 9.56E-13
6.07E-30 1.70E-12 -14063.311 9.50E-13
0.50000 -9.64E-12 -7846.490 9.45E-13
6.07E-30 1.47E-12 -12145.159 9.39E-13
0.75000 -9.64E-12 -7800.787 9.39E-13
6.07E-30 1.24E-12 -10238.147
1.00000 -9.64E-12 -7755.084 9.39E-13
6.07E-30 1.01E-12 -8342.275
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FRAME ELEMENT INTERNAL FORCES

COMB UEB08 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -7.28E-12 -5891.722 -345.183800
-520.018200 -705.555687 -11810.223
0.25000 -7.28E-12 -5846.019 -345.183800
-520.018200 -621.417136 -10379.686
0.50000 -7.28E-12 -5800.316 -345.183800
-520.018200 -537.278585 -8960.289
0.75000 -7.28E-12 -5754.613 -345.183800
-520.018200 -453.140033 -7552.032
1.00000 -7.28E-12 -5708.910 -345.183800
-520.018200 -369.001482 -6154.915

COMB UEB08 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -7.28E-12 -5891.722 -345.183800
-520.018200 -705.555687 -11810.223
0.25000 -7.28E-12 -5846.019 -345.183800
-520.018200 -621.417136 -10379.686
0.50000 -7.28E-12 -5800.316 -345.183800
-520.018200 -537.278585 -8960.289
0.75000 -7.28E-12 -5754.613 -345.183800
-520.018200 -453.140033 -7552.032
1.00000 -7.28E-12 -5708.910 -345.183800
-520.018200 -369.001482 -6154.915

COMB UEB09 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -7.28E-12 -5891.722 7.14E-13
-3.16E-30 1.43E-12 -11810.223 7.08E-13
0.25000 -7.28E-12 -5846.019 7.08E-13
-3.16E-30 1.26E-12 -10379.686 7.02E-13
0.50000 -7.28E-12 -5800.316 6.97E-13
-3.16E-30 1.09E-12 -8960.289 6.91E-13
0.75000 -7.28E-12 -5754.613 6.91E-13
-3.16E-30 9.15E-13 -7552.032 6.91E-13
1.00000 -7.28E-12 -5708.910 6.91E-13
-3.16E-30 7.45E-13 -6154.915

COMB UEB09 ----- MIN

REL DIST T P M2 V2 M3 V3
0.00000 -7.28E-12 -5891.722 7.14E-13
-3.16E-30 1.43E-12 -11810.223 7.08E-13
0.25000 -7.28E-12 -5846.019 7.08E-13
-3.16E-30 1.26E-12 -10379.686 7.02E-13
0.50000 -7.28E-12 -5800.316 6.97E-13
-3.16E-30 1.09E-12 -8960.289 6.91E-13
0.75000 -7.28E-12 -5754.613 6.91E-13
-3.16E-30 9.15E-13 -7552.032 6.91E-13
1.00000 -7.28E-12 -5708.910 6.91E-13
-3.16E-30 7.45E-13 -6154.915

COMB UEB10 ----- MAX

REL DIST T P M2 V2 M3 V3
0.00000 -6.91E-12 -5597.136 -360.968125
-500.017500 -726.195965 -11219.712
0.25000 -6.91E-1

0.00000 -6.91E-12 -5597.136 -14.530313
-7.96E-12 -23.888518 -11219.712
0.25000 -6.91E-12 -5553.718 -13.387734
-7.96E-12 -23.888518 -9860.202
0.50000 -6.91E-12 -5510.300 -12.245156
-7.96E-12 -17.361997 -8512.274
0.75000 -6.91E-12 -5466.882 -11.102578
-7.96E-12 -14.516492 -7174.430
1.00000 -6.91E-12 -5423.464 -9.960000
-7.96E-12 -11.949490 -5847.169

COMB UEB15 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -6.91E-12 -5597.136 -14.530313
-7.96E-12 -23.888518 -11219.712
0.25000 -6.91E-12 -5553.718 -13.387734
-7.96E-12 -20.486006 -9860.702
0.50000 -6.91E-12 -5510.300 -12.245156
-7.96E-12 -17.361997 -8512.274
0.75000 -6.91E-12 -5466.882 -11.102578
-7.96E-12 -14.516492 -7174.430
1.00000 -6.91E-12 -5423.464 -9.960000
-7.96E-12 -11.949490 -5847.169

COMB UEB16 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -7.28E-12 -5891.722 7.14E-13
-3.16E-30 1.43E-12 -11810.223 7.08E-13
-3.16E-30 1.26E-12 -10379.686 7.02E-13
0.50000 -7.28E-12 -5800.316 7.02E-13
-3.16E-30 1.09E-12 -8960.289 6.97E-13
0.75000 -7.28E-12 -5754.613 6.97E-13
-3.16E-30 9.15E-13 -7552.032 6.91E-13
1.00000 -7.28E-12 -5708.910 6.91E-13
-3.16E-30 7.45E-13 -6154.915

COMB UEB16 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -7.28E-12 -5891.722 7.14E-13
-3.16E-30 1.43E-12 -11810.223 7.08E-13
-3.16E-30 1.26E-12 -10379.686 7.02E-13
0.50000 -7.28E-12 -5800.316 7.02E-13
-3.16E-30 1.09E-12 -8960.289 6.97E-13
0.75000 -7.28E-12 -5754.613 6.97E-13
-3.16E-30 9.15E-13 -7552.032 6.91E-13
1.00000 -7.28E-12 -5708.910 6.91E-13
-3.16E-30 7.45E-13 -6154.915
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FRAME ELEMENT INTERNAL FORCES

COMB UEB17 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -9.64E-12 -7937.896 9.61E-13
6.07E-30 1.94E-12 -15992.603 9.56E-13
0.25000 -9.64E-12 -7892.193 9.56E-13
6.07E-30 1.70E-12 -14063.311 9.50E-13
0.50000 -9.64E-12 -7846.490 9.50E-13
6.07E-30 1.47E-12 -12145.159 9.45E-13
0.75000 -9.64E-12 -7800.787 9.45E-13
6.07E-30 1.24E-12 -10238.147 9.39E-13
1.00000 -9.64E-12 -7755.084 9.39E-13
6.07E-30 1.01E-12 -8342.275

COMB UEB17 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -9.64E-12 -7937.896 9.61E-13
6.07E-30 1.94E-12 -15992.603 9.56E-13
0.25000 -9.64E-12 -7892.193 9.56E-13
6.07E-30 1.70E-12 -14063.311 9.50E-13
0.50000 -9.64E-12 -7846.490 9.50E-13
6.07E-30 1.47E-12 -12145.159 9.45E-13
0.75000 -9.64E-12 -7800.787 9.45E-13
6.07E-30 1.24E-12 -10238.147 9.39E-13
1.00000 -9.64E-12 -7755.084 9.39E-13
6.07E-30 1.01E-12 -8342.275

COMB UEB18 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -6.55E-12 -5302.550 -27.898200
-1.53E-11 -45.865954 -10629.201
0.25000 -6.55E-12 -5261.417 -25.704450
-1.53E-11 -39.333131 -9341.717
0.50000 -6.55E-12 -5220.285 -23.510700
-1.53E-11 -33.335034 -8064.260
0.75000 -6.55E-12 -5179.152 -21.316950
-1.53E-11 -27.871664 -6796.829
1.00000 -6.55E-12 -5138.019 -19.123200
-1.53E-11 -22.943021 -5539.423

COMB UEB18 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -6.55E-12 -5302.550 -27.898200
-1.53E-11 -45.865954 -10629.201
0.25000 -6.55E-12 -5261.417 -25.704450
-1.53E-11 -39.333131 -9341.717
0.50000 -6.55E-12 -5220.285 -23.510700
-1.53E-11 -33.335034 -8064.260
0.75000 -6.55E-12 -5179.152 -21.316950
-1.53E-11 -27.871664 -6796.829
1.00000 -6.55E-12 -5138.019 -19.123200
-1.53E-11 -22.943021 -5539.423

COMB SVO01 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -9.78E-12 -7465.702 9.04E-13
3.95E-30 1.82E-12 -15027.438 8.99E-13
0.25000 -9.78E-12 -7419.999 8.99E-13
3.95E-30 1.60E-12 -13213.243 8.93E-13
0.50000 -9.78E-12 -7374.296 8.88E-13
3.95E-30 1.38E-12 -11410.189 8.88E-13
0.75000 -9.78E-12 -7328.593 8.82E-13
1.00000 -9.78E-12 -7282.890 8.82E-13
3.95E-30 9.49E-13 -7837.499

COMB SVO01 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -9.78E-12 -7465.702 9.04E-13
3.95E-30 1.82E-12 -15027.438 8.99E-13
0.25000 -9.78E-12 -7419.999 8.99E-13
3.95E-30 1.60E-12 -13213.243 8.93E-13
0.50000 -9.78E-12 -7374.296 8.88E-13
3.95E-30 1.38E-12 -11410.189 8.88E-13
0.75000 -9.78E-12 -7328.593 8.88E-13
1.00000 -9.78E-12 -7282.890 8.88E-13
3.95E-30 9.49E-12 -7837.499

3.95E-30 1.16E-12 -9618.274
1.00000 -9.78E-12 -7282.890 8.82E-13
3.95E-30 9.49E-13 -7837.499
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FRAME ELEMENT INTERNAL FORCES

COMB SVO02 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -7.96E-12 -5891.722 7.14E-13
-3.15E-30 1.43E-12 -11810.223 7.08E-13
0.25000 -7.96E-12 -5846.019 7.08E-13
-3.15E-30 1.26E-12 -10379.686 7.02E-13
0.50000 -7.96E-12 -5800.316 7.02E-13
-3.15E-30 1.09E-12 -8960.289 6.97E-13
0.75000 -7.96E-12 -5754.613 6.97E-13
-3.15E-30 9.15E-13 -7552.032 6.91E-13
1.00000 -7.96E-12 -5708.910 6.91E-13
-3.15E-30 7.45E-13 -6154.915

COMB SVO02 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -7.96E-12 -5891.722 7.14E-13
-3.15E-30 1.43E-12 -11810.223 7.08E-13
0.25000 -7.96E-12 -5846.019 7.08E-13
-3.15E-30 1.26E-12 -10379.686 7.02E-13
0.50000 -7.96E-12 -5800.316 7.02E-13
-3.15E-30 1.09E-12 -8960.289 6.97E-13
0.75000 -7.96E-12 -5754.613 6.97E-13
-3.15E-30 9.15E-13 -7552.032 6.91E-13
1.00000 -7.96E-12 -5708.910 6.91E-13
-3.15E-30 7.45E-13 -6154.915

COMB SVO03 ----- MAX

REL DIST T P M2 V2 V3
0.00000 217.592000 -5891.722 7.14E-13
-2.36E-30 1.52E-12 -12571.034 7.08E-13
0.25000 217.592000 -5846.019 7.08E-13
-2.36E-30 1.35E-12 -11140.497 7.02E-13
0.50000 217.592000 -5754.613 6.97E-13
-2.36E-30 1.18E-12 -9721.100 6.97E-13
0.75000 217.592000 -5754.613 6.97E-13
-2.36E-30 1.01E-12 -8312.843 6.91E-13
1.00000 217.592000 -5708.910 6.91E-13
-2.36E-30 8.38E-13 -6915.726

COMB SVO03 ----- MIN

REL DIST T P M2 V2 V3
0.00000 217.592000 -5891.722 7.14E-13
-2.36E-30 1.52E-12 -12571.034 7.08E-13
0.25000 217.592000 -5846.019 7.08E-13
-2.36E-30 1.35E-12 -11140.497 7.02E-13
0.50000 217.592000 -5754.613 6.97E-13
-2.36E-30 1.18E-12 -9721.100 6.97E-13
0.75000 217.592000 -5754.613 6.97E-13
-2.36E-30 1.01E-12 -8312.843 6.91E-13
1.00000 217.592000 -5708.910 6.91E-13
-2.36E-30 8.38E-13 -6915.726

COMB SVO04 ----- MAX

REL DIST T P M2 V2 V3
0.00000 134.796000 -7465.702 9.04E-13
4.64E-30 1.88E-12 -15559.801 8.99E-13
0.25000 134.796000 -7419.999 8.99E-13
4.64E-30 1.66E-12 -13745.606 8.93E-13
0.50000 134.796000 -7374.296 8.93E-13
4.64E-30 1.45E-12 -11942.551 8.88E-13
0.75000 134.796000 -7328.593 8.88E-13
4.64E-30 1.23E-12 -10150.636 8.82E-13
1.00000 134.796000 -7282.890 8.82E-13
4.64E-30 1.01E-12 -8369.862

COMB SVO04 ----- MIN

REL DIST T P M2 V2 V3
0.00000 134.796000 -7465.702 9.04E-13
4.64E-30 1.88E-12 -15559.801 8.99E-13
0.25000 134.796000 -7419.999 8.99E-13
4.64E-30 1.66E-12 -13745.606 8.93E-13
0.50000 134.796000 -7374.296 8.93E-13
4.64E-30 1.45E-12 -11942.551 8.88E-13
0.75000 134.796000 -7328.593 8.88E-13
4.64E-30 1.23E-12 -10150.636 8.82E-13
1.00000 134.796000 -7282.890 8.82E-13
4.64E-30 1.01E-12 -8369.862
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FRAME ELEMENT INTERNAL FORCES

COMB SVO05 ----- MAX

REL DIST T P M2 V2 V3
0.00000 134.796000 -5891.722 7.14E-13
-2.46E-30 1.49E-12 -12342.586 7.08E-13
0.25000 134.796000 -5846.019 7.08E-13
-2.46E-30 1.32E-12 -10912.048 7.02E-13
0.50000 134.796000 -5800.316 7.02E-13
-2.46E-30 1.15E-12 -9492.651 6.97E-13
0.75000 134.796000 -5754.613 6.97E-13
-2.46E-30 9.79E-13 -8084.394 6.91E-13
1.00000 134.796000 -5708.910 6.91E-13
-2.46E-30 8.10E-13 -6687.277

COMB SVO05 ----- MIN

REL DIST T P M2 V2 V3
0.00000 134.796000 -5891.722 7.14E-13
-2.46E-30 1.49E-12 -12342.586 7.08E-13
0.25000 134.796000 -5846.019 7.08E-13
-2.46E-30 1.32E-12 -10912.048 7.02E-13
0.50000 134.796000 -5800.316 7.02E-13
-2.46E-30 1.15E-12 -9492.651 6.97E-13
0.75000 134.796000 -5754.613 6.97E-13
-2.46E-30 9.79E-13 -8084.394 6.91E-13
1.00000 134.796000 -5708.910 6.91E-13
-2.46E-30 8.10E-13 -6687.277

COMB SVO06 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -3.89E-11 -7465.702 9.04E-13
7.01E-30 1.82E-12 -15027.438 8.99E-13
0.25000 -3.89E-11 -7419.999 8.99E-13
7.01E-30 1.60E-12 -13213.243 8.93E-13
0.50000 -3.89E-11 -7374.296 8.88E-13
7.01E-30 1.38E-12 -11410.189 8.88E-13
0.75000 -3.89E-11 -7328.593 8.88E-13
1.00000 -3.89E-11 -7282.890 8.88E-13
7.01E-30 9.49E-13 -7837.499

7.01E-30 1.38E-12 -11410.189
0.75000 -3.89E-11 -7328.593 8.88E-13
7.01E-30 1.16E-12 -9618.274 8.82E-13
-3.89E-11 -7282.890
7.01E-30 9.49E-13 -7837.499

COMB SVO06 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -3.89E-11 -7465.702 9.04E-13
7.01E-30 1.82E-12 -15027.438 8.99E-13
0.25000 -3.89E-11 -7419.999 8.99E-13
7.01E-30 1.60E-12 -13213.243 8.93E-13
0.50000 -3.89E-11 -7374.296 8.88E-13
7.01E-30 1.38E-12 -11410.189 8.88E-13
0.75000 -3.89E-11 -7328.593 8.82E-13
7.01E-30 1.16E-12 -9618.274 8.82E-13
1.00000 -3.89E-11 -7282.890 8.82E-13
7.01E-30 9.49E-13 -7837.499

COMB SVO07 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -9.78E-12 -7465.702 9.04E-13
3.95E-30 1.82E-12 -15027.438 8.99E-13
0.25000 -9.78E-12 -7419.999 8.99E-13
3.95E-30 1.60E-12 -13213.243 8.93E-13
0.50000 -9.78E-12 -7374.296 8.93E-13
3.95E-30 1.38E-12 -11410.189 8.88E-13
0.75000 -9.78E-12 -7328.593 8.88E-13
3.95E-30 1.16E-12 -9618.274 8.82E-13
1.00000 -9.78E-12 -7282.890 8.82E-13
3.95E-30 9.49E-13 -7837.499

COMB SVO07 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -9.78E-12 -7465.702 9.04E-13
3.95E-30 1.82E-12 -15027.438 8.99E-13
0.25000 -9.78E-12 -7419.999 8.99E-13
3.95E-30 1.60E-12 -13213.243 8.93E-13
0.50000 -9.78E-12 -7374.296 8.93E-13
3.95E-30 1.38E-12 -11410.189 8.88E-13
0.75000 -9.78E-12 -7328.593 8.88E-13
3.95E-30 1.16E-12 -9618.274 8.82E-13
1.00000 -9.78E-12 -7282.890 8.82E-13
3.95E-30 9.49E-13 -7837.499

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FRAME ELEMENT INTERNAL FORCES

COMB SVO08 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -3.71E-11 -5891.722 7.14E-13
3.08E-33 1.43E-12 -11810.223 7.08E-13
0.25000 -3.71E-11 -5846.019 7.08E-13
3.08E-33 1.26E-12 -10379.686 7.02E-13
0.50000 -3.71E-11 -5800.316 7.02E-13
3.08E-33 1.09E-12 -8960.289 6.97E-13
0.75000 -3.71E-11 -5754.613 6.97E-13
3.08E-33 9.15E-13 -7552.032 6.91E-13
1.00000 -3.71E-11 -5708.910 6.91E-13
3.08E-33 7.45E-13 -6154.915

COMB SVO08 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -3.71E-11 -5891.722 7.14E-13
3.08E-33 1.43E-12 -11810.223 7.08E-13
0.25000 -3.71E-11 -5846.019 7.08E-13
3.08E-33 1.26E-12 -10379.686 7.02E-13
0.50000 -3.71E-11 -5800.316 7.02E-13
3.08E-33 1.09E-12 -8960.289 6.97E-13
0.75000 -3.71E-11 -5754.613 6.97E-13
3.08E-33 9.15E-13 -7552.032 6.91E-13
1.00000 -3.71E-11 -5708.910 6.91E-13
3.08E-33 7.45E-13 -6154.915

COMB SVO09 ----- MAX

REL DIST T P M2 V2 V3
0.00000 -7.96E-12 -5891.722 7.14E-13
-3.15E-30 1.43E-12 -11810.223 7.08E-13
0.25000 -7.96E-12 -5846.019 7.08E-13
-3.15E-30 1.26E-12 -10379.686 7.02E-13
0.50000 -7.96E-12 -5800.316 7.02E-13
-3.15E-30 1.09E-12 -8960.289 6.97E-13
0.75000 -7.96E-12 -5754.613 6.97E-13
-3.15E-30 9.15E-13 -7552.032 6.91E-13
1.00000 -7.96E-12 -5708.910 6.91E-13
-3.15E-30 7.45E-13 -6154.915

COMB SVO09 ----- MIN

REL DIST T P M2 V2 V3
0.00000 -7.96E-12 -5891.722 7.14E-13
-3.15E-30 1.43E-12 -11810.223 7.08E-13
0.25000 -7.96E-12 -5846.019 7.08E-13
-3.15E-30 1.26E-12 -10379.686 7.02E-13
0.50000 -7.96E-12 -5800.316 7.02E-13
-3.15E-30 1.09E-12 -8960.289 6.97E-13
0.75000 -7.96E-12 -5754.613 6.97E-13
-3.15E-30 9.15E-13 -7552.032 6.91E-13
1.00000 -7.96E-12 -5708.910 6.91E-13
-3.15E-30 7.45E-13 -6154.915

COMB SVO10 ----- MAX

REL DIST T P M2 V2 V3
0.00000 217.592000 -5891.722 7.14E-13
7.92E-31 1.52E-12 -12571.034 7.08E-13
0.25000 217.592000 -5846.019 7.08E-13
7.92E-31 1.35E-12 -11140.497 7.02E-13
0.50000 217.592000 -5754.613

										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 -1.03E-11 -7659.239 9.28E-13										REL DIST T P M2 V2 V3									
COMB SVO15 ----- MIN										COMB ULO05 ----- MAX										-4.10E-30 1.86E-12 -15353.290 9.28E-13										0.00000 168.495000 -7364.653 8.92E-13									
REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3										0.25000 -1.03E-11 -7599.825 9.20E-13										0.00000 168.495000 -7364.653 8.92E-13									
0.00000 134.796000 -5891.722 7.14E-13										0.00000 175.234800 -7659.239 9.28E-13										-4.10E-30 1.86E-12 -15353.290 9.28E-13										0.25000 168.495000 -7364.653 8.92E-13									
-2.46E-30 1.32E-12 -10910.048 7.08E-13										-3.20E-30 1.94E-12 -16045.361 9.20E-13										-4.10E-30 1.63E-12 -13493.592 9.06E-13										0.00000 168.495000 -7364.653 8.92E-13									
0.50000 134.796000 -5800.316 7.02E-13										0.25000 175.234800 -7599.825 9.20E-13										0.50000 -1.03E-11 -7540.411 9.13E-13										0.25000 168.495000 -7307.524 8.85E-13									
-2.46E-30 1.15E-12 -9492.651 6.97E-13										-3.20E-30 1.72E-12 -14185.663 9.13E-13										0.50000 -1.03E-11 -7540.411 9.13E-13										0.25000 168.495000 -7307.524 8.85E-13									
0.75000 134.796000 -5754.613 6.91E-13										0.50000 175.234800 -7540.997 9.06E-13										0.50000 -1.03E-11 -7540.411 9.13E-13										0.25000 168.495000 -7307.524 8.85E-13									
-2.46E-30 9.79E-13 -8084.394 6.91E-13										0.75000 175.234800 -7480.997 9.06E-13										0.50000 -1.03E-11 -7540.411 9.13E-13										0.25000 168.495000 -7307.524 8.85E-13									
1.00000 134.796000 -5708.910 6.91E-13										-3.20E-30 1.27E-12 -10509.712 9.06E-13										-4.10E-30 9.69E-13 -8001.389 8.99E-13										0.50000 -1.03E-11 -7540.411 9.13E-13									
-2.46E-30 8.10E-13 -6687.277 6.91E-13										1.00000 175.234800 -7421.583 8.99E-13										-4.10E-30 9.69E-13 -8001.389 8.99E-13										0.50000 -1.03E-11 -7540.411 9.13E-13									
COMB ULO01 ----- MAX										COMB ULO05 ----- MIN										COMB ULO10 ----- MAX										COMB ULO14 ----- MIN									
REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3									
0.00000 -1.43E-11 -11043.296 1.34E-12										0.00000 175.234800 -7659.239 9.28E-13										0.00000 271.990000 -7364.653 8.92E-13										0.00000 168.495000 -7364.653 8.92E-13									
1.12E-29 2.70E-12 -22270.382 1.34E-12										-3.20E-30 1.94E-12 -16045.361 9.20E-13										9.90E-31 1.90E-12 -15713.793 8.85E-13										0.00000 168.495000 -7364.653 8.92E-13									
0.25000 -1.43E-11 -10983.803 1.33E-12										0.25000 175.234800 -7599.825 9.20E-13										9.90E-31 1.69E-12 -13925.621 8.78E-13										0.25000 168.495000 -7307.524 8.85E-13									
1.12E-29 2.37E-12 -19585.740 1.32E-12										-3.20E-30 1.72E-12 -14185.663 9.20E-13										9.90E-31 1.47E-12 -12151.375 8.71E-13										0.25000 168.495000 -7307.524 8.85E-13									
0.50000 -1.43E-11 -10924.468 1.32E-12										0.50000 175.234800 -7599.825 9.20E-13										9.90E-31 1.26E-12 -10391.053 8.64E-13										0.25000 168.495000 -7307.524 8.85E-13									
1.12E-29 2.05E-12 -16915.660 1.32E-12										-3.20E-30 1.27E-12 -10509.712 9.06E-13										9.90E-31 1.05E-12 -8644.657 8.64E-13										0.25000 168.495000 -7307.524 8.85E-13									
0.75000 -1.43E-11 -10865.054 1.32E-12										0.75000 175.234800 -7540.997 9.06E-13										COMB ULO10 ----- MIN										COMB ULO14 ----- MIN									
1.12E-29 1.73E-12 -14260.062 1.31E-12										-3.20E-30 1.27E-12 -10509.712 9.06E-13										REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3									
1.00000 -1.43E-11 -10805.640 1.31E-12										0.75000 175.234800 -7421.583 8.99E-13										0.00000 271.990000 -7364.653 8.92E-13										0.00000 168.495000 -7364.653 8.92E-13									
1.12E-29 1.41E-12 -11618.946 1.31E-12										-3.20E-30 1.05E-12 -8693.460 8.99E-13										9.90E-31 1.90E-12 -15713.793 8.85E-13										0.00000 168.495000 -7364.653 8.92E-13									
COMB ULO01 ----- MIN										COMB ULO06 ----- MAX										COMB ULO10 ----- MIN										COMB ULO15 ----- MAX									
REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3									
0.00000 -1.43E-11 -11043.296 1.34E-12										0.00000 -5.05E-11 -9705.413 1.18E-12										9.90E-31 1.90E-12 -15713.793 8.85E-13										0.00000 168.495000 -7364.653 8.92E-13									
1.12E-29 2.70E-12 -22270.382 1.34E-12										9.23E-30 2.37E-12 -19535.670 1.17E-12										9.90E-31 1.69E-12 -13925.621 8.78E-13										-3.08E-30 1.87E-12 -15428.232 8.85E-13									
0.25000 -1.43E-11 -10983.803 1.33E-12										0.25000 -5.05E-11 -9645.999 1.17E-12										0.50000 271.990000 -7250.395 8.78E-13										0.25000 168.495000 -7307.524 8.85E-13									
1.12E-29 2.37E-12 -19585.740 1.32E-12										9.23E-30 2.08E-12 -17177.216 1.16E-12										9.90E-31 1.47E-12 -12151.375 8.71E-13										-3.08E-30 1.65E-12 -13640.060 8.78E-13									
0.50000 -1.43E-11 -10924.468 1.32E-12										0.50000 -5.05E-11 -9586.585 1.16E-12										0.75000 271.990000 -7193.266 8.71E-13										0.50000 168.495000 -7250.395 8.78E-13									
1.12E-29 2.05E-12 -16915.660 1.32E-12										9.23E-30 2.08E-12 -17177.216 1.16E-12										0.75000 271.990000 -7193.266 8.71E-13										-3.08E-30 1.44E-12 -11865.814 8.78E-13									
0.75000 -1.43E-11 -10865.054 1.32E-12										0.50000 -5.05E-11 -9586.585 1.16E-12										1.00000 271.990000 -7136.137 8.64E-13										0.75000 168.495000 -7193.266 8.71E-13									
1.12E-29 1.73E-12 -14260.062 1.31E-12										0.75000 -5.05E-11 -9527.171 1.15E-12										9.90E-31 1.05E-12 -8644.657 8.64E-13										-3.08E-30 1.22E-12 -10105.493 8.71E-13									
1.00000 -1.43E-11 -10805.640 1.31E-12										9.23E-30 1.51E-12 -12503.756 1.15E-12										Program SAP2000 Nonlinear Version 7.42										1.00000 168.495000 -7136.137 8.64E-13									
1.12E-29 1.41E-12 -11618.946 1.31E-12										1.00000 -5.05E-11 -9467.757 1.15E-12										File:청도1교하행_P9_본체.OUT										-3.08E-30 1.01E-12 -8359.097 8.64E-13									
COMB ULO01 ----- MIN										COMB ULO06 ----- MIN										COMB ULO10 ----- MIN										COMB ULO15 ----- MIN									
REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3									
0.00000 -1.43E-11 -11043.296 1.34E-12										0.00000 -5.05E-11 -9705.413 1.18E-12										9.90E-31 1.90E-12 -15713.793 8.85E-13										0.00000 168.495000 -7364.653 8.92E-13									
1.12E-29 2.70E-12 -22270.382 1.34E-12										9.23E-30 2.37E-12 -19535.670 1.17E-12										9.90E-31 1.69E-12 -13925.621 8.78E-13										-3.08E-30 1.87E-12 -15428.232 8.85E-13									
0.25000 -1.43E-11 -10983.803 1.33E-12										0.25000 -5.05E-11 -9645.999 1.17E-12										0.50000 271.990000 -7250.395 8.78E-13										0.25000 168.495000 -7307.524 8.85E-13									
1.12E-29 2.37E-12 -19585.740 1.32E-12										9.23E-30 2.08E-12 -17177.216 1.16E-12										9.90E-31 1.47E-12 -12151.375 8.71E-13										-3.08E-30 1.65E-12 -13640.060 8.78E-13									
0.50000 -1.43E-11 -10924.468 1.32E-12										0.50000 -5.05E-11 -9586.585 1.16E-12										0.75000 271.990000 -7193.266 8.71E-13										0.50000 168.495000 -7250.395 8.78E-13									
1.12E-29 2.05E-12 -16915.660 1.32E-12										9.23E-30 2.08E-12 -17177.216 1.16E-12										0.75000 271.990000 -7193.266 8.71E-13										-3.08E-30 1.44E-12 -11865.814 8.78E-13									
0.75000 -1.43E-11 -10865.054 1.32E-12										0.50000 -5.05E-11 -9586.585 1.16E-12										1.00000 271.990000 -7136.137 8.64E-13										0.75000 168.495000 -7193.266 8.71E-13									
1.12E-29 1.73E-12 -14260.062 1.31E-12										0.75000 -5.05E-11 -9527.171 1.15E-12										9.90E-31 1.05E-12 -8644.657 8.64E-13										-3.08E-30 1.22E-12 -10105.493 8.71E-13									
1.00000 -1.43E-11 -10805.640 1.31E-12										9.23E-30 1.51E-12 -12503.756 1.15E-12										Program SAP2000 Nonlinear Version 7.42										1.00000 168.495000 -7136.137 8.64E-13									
1.12E-29 1.41E-12 -11618.946 1.31E-12										1.00000 -5.05E-11 -9467.757 1.15E-12										File:청도1교하행_P9_본체.OUT										-3.08E-30 1.01E-12 -8359.097 8.64E-13									
COMB ULO01 ----- MIN										COMB ULO06 ----- MIN										COMB ULO10 ----- MIN										COMB ULO15 ----- MIN									
REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3									
0.00000 -1.43E-11 -11043.296 1.34E-12										0.00000 -5.05E-11 -9705.413 1.18E-12										9.90E-31 1.90E-12 -15713.793 8.85E-13										0.00000 168.495000 -7364.653 8.92E-13									
1.12E-29 2.70E-12 -22270.382 1.34E-12										9.23E-30 2.37E-12 -19535.670 1.17E-12										9.90E-31 1.69E-12 -13925.621 8.78E-13										-3.08E-30 1.87E-12 -15428.232 8.85E-13									
0.25000 -1.43E-11 -10983.803 1.33E-12										0.25000 -5.05E-11 -9645.999 1.17E-12										0.50000 271.990000 -7250.395 8.78E-13										0.25000 168.495000 -7307.524 8.85E-13									
1.12E-29 2.37E-12 -19585.740 1.32E-12										9.23E-30 2.08E-12 -17177.216 1.16E-12										9.90E-31 1.47E-12 -12151.375 8.71E-13										-3.08E-30 1.65E-12 -13640.060 8.78E-13									
0.50000 -1.43E-11 -10924.468 1.32E-12										0.50000 -5.05E-11 -9586.585 1.16E-12										0.75000 271.990000 -7193.266 8.71E-13										0.50000 168.495000 -7250.395 8.78E-13									
1.12E-29 2.05E-12 -16915.660 1.32E-12										9.23E-30 2.08E-12 -17177.216 1.16E-12										0.75000 271.990000 -7193.266 8.71E-13										-3.08E-30 1.44E-12 -11865.814 8.78E-13									
0.75000 -1.43E-11 -10865.054 1.32E-12										0.50000 -5.05E-11 -9586.585 1.16E-12										1.00000 271.990000 -7136.137 8.64E-13										0.75000 168.495000 -7193.266 8.71E-13									
1.12E-29 1.73E-12 -14260.062 1.31E-12										0.75000 -5.05E-11 -9527.171 1.15E-12										9.90E-31 1.05E-12 -8644.657 8.64E-13										-3.08E-30 1.22E-12 -10105.493 8.71E-13									
1.00000 -1.43E-11 -10805.640 1.31E-12										9.23E-30 1.51E-12 -12503.756 1.15E-12										Program SAP2000 Nonlinear Version 7.42										1.00000 168.495000 -7136.137 8.64E-13									
1.12E-29 1.41E-12 -11618.946 1.31E-12										1.00000 -5.05E-11 -9467.757 1.15E-12										File:청도1교하행_P9_본체.OUT										-3.08E-30 1.01E-12 -8359.097 8.64E-13									
COMB ULO01 ----- MIN										COMB ULO06 ----- MIN										COMB ULO10 ----- MIN										COMB ULO15 ----- MIN									
REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3									
0.00000 -1.43E-11 -11043.296 1.34E-12										0.00000 -5.05E-11 -9705.413 1.18E-12										9.90E-31 1.90E-12 -15713.793 8.85E-13										0.00000 168.495000 -7364.653 8.92E-13									
1.12E-29 2.70E-12 -22270.382 1.34E-12										9.23E-30 2.37E-12 -19535.670 1.17E-12										9.90E-31 1.69E-12 -13925.621 8.78E-13										-3.08E-30 1.87E-12 -15428.232 8.85E-13									
0.25000 -1.43E-11 -10983.803 1.33E-12										0.25000 -5.05E-11 -9645.999 1.17E-12										0.50000 271.990000 -7250.395 8.78E-13										0.25000 168.495000 -7307.524 8.85E-13									
1.12E-29 2.37E-12 -19585.740 1.32E-12										9.23E-30 2.08E-12 -17177.216 1.16E-12										9.90E-31 1.47E-12 -12151.375 8.71E-13										-3.08E-30 1.65E-12 -13640.060 8.78E-13									
0.50000 -1.43E-11 -10924.468 1.32E-12										0.50000 -5.05E-11 -9586.585 1.16E-12										0.75000 271.990000 -7193.266 8.71E-13										0.50000 168.495000 -7250.395 8.78E-13									
1.12E-29 2.05E-12 -16915.660 1.32E-12										9.23E-30 2.08E-12 -17177.216 1.16E-12										0.75000 271.990000 -7193.266 8.71E-13										-3.08E-30 1.44E-12 -11865.814 8.78E-13									
0.75000 -1.43E-11 -10865.054 1.32E-12										0.50000 -5.05E-11 -9586.585 1.16E-12										1.00000 271.990000 -7136.137 8.64E-13										0.75000 168.495000 -7193.266 8.71E-13									
1.12E-29 1.73E-12 -14260.062 1.31E-12										0.75000 -5.05E-11 -9527.171 1.15E-12										9.90E-31 1.05E-12 -8644.657 8.64E-13										-3.08E-30 1.22E-12 -10105.493 8.71E-13									
1.00000 -1.43E-11 -10805.640 1.31E-12										9.23E-30 1.51E-12 -12503.756 1.15E-12										Program SAP2000 Nonlinear Version 7.42										1.00000 168.495000 -7136.137 8.64E-13									
1.12E-29 1.41E-12 -11618.946 1.31E-12										1.00000 -5.05E-11 -9467.757 1.15E-12										File:청도1교하행_P9_본체.OUT										-3.08E-30 1.01E-12 -8359.097 8.64E-13									
COMB ULO01 ----- MIN										COMB ULO06 ----- MIN										COMB ULO10 ----- MIN										COMB ULO15 ----- MIN									
REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3										REL DIST T P M2 V2 V3									
0.00000 -1.43E-11 -11043.296 1.34E-12										0.00000 -5.05E-11 -9705.413 1.18E-12										9.90E-31 1.90E-12 -15713.793 8.85E-13										0.00000 168.495000 -7364.653 8.92E-13									
1.12E-29 2.70E-12 -22270.382 1.34E-12										9.23E-30 2.37E-12 -19535.670 1.17E-12										9.90E-31 1.69E-12 -13925.621 8.78E-13										-3.08E-30 1.87E-12 -15428.232 8.85E-13									
0.25000 -1.43E-11 -10983.803 1.33E-12										0.25000 -5.05E-11 -9645.999 1.17E-12										0.50000 271.990000 -7250.395 8.78E-13										0.25000 168.495000 -7307.524 8.85E-13									
1.12E-29 2.37E-12 -19585.740 1.32E-12										9.23E-30 2.08E-12 -17177.216 1.16E-12										9.90E-31 1.47E-12 -12151.375 8.71E-13										-3.08E-30 1.65E-12 -13640.060 8.78E-13									
0.50000 -1.43E-11 -10924.468 1.32E-12																																							

-2.84E-30	1.41E-12	-11665.320		-2.25E-30	1.34E-12	-11071.757		7.02E-13	COMB	UEO10	-----	MAX	1.00000	168.495000	-5423.464	6.57E-13	
0.75000	261.110400	-6995.536	8.36E-13	0.50000	175.234800	-5800.316			REL DIST				1.81E-30	7.89E-13	-6512.622		
-2.84E-30	1.21E-12	-6905.411	8.30E-13	-2.25E-30	1.17E-12	-9652.360		6.97E-13	T	P	V2	V3					
1.00000	261.110400	-6850.682		0.75000	175.234800	-5754.613			M2	M3			COMB	UEO14	-----	MIN	
-2.84E-30	1.01E-12	-8298.871		-2.25E-30	9.98E-13	-8244.103		6.91E-13	0.00000	271.990000	-5597.136	6.78E-13	REL DIST		P	V2	
COMB	UEO01	-----	MAX	1.00000	175.234800	-5708.910			1.94E-30	1.47E-12	-12170.726		T	M2	M3	V3	
REL DIST				-2.25E-30	8.29E-13	-6846.986			0.25000	271.990000	-5553.718	6.73E-13	0.00000	168.495000	-5597.136	6.78E-13	
0.00000	-1.21E-11	-9275.779	1.12E-12	REL DIST		P	V2	V3	1.94E-30	1.31E-12	-10811.715	6.67E-13	1.81E-30	1.44E-12	-11885.165	6.73E-13	
1.21E-29	2.27E-12	-18727.236	1.12E-12	T	M2	M3			0.75000	271.990000	-5510.300	6.62E-13	0.25000	168.495000	-5553.718		
0.25000	-1.21E-11	-9230.076		0.00000	175.234800	-5891.722	7.14E-13		1.94E-30	1.15E-12	-9463.288	6.57E-13	1.81E-30	1.27E-12	-10526.155	6.67E-13	
1.21E-29	1.99E-12	-16471.834	1.11E-12	-2.25E-30	1.51E-12	-12502.294	7.08E-13		0.75000	271.990000	-5466.882	6.57E-13	0.50000	168.495000	-5510.300	6.67E-13	
0.50000	-1.21E-11	-9184.373		0.25000	175.234800	-5846.019			1.94E-30	9.84E-13	-8125.444	6.57E-13	1.81E-30	1.11E-12	-9177.727		
1.21E-29	1.72E-12	-14227.573	1.11E-12	-2.25E-30	1.34E-12	-10771.757	7.02E-13		1.00000	271.990000	-5423.464	6.57E-13	0.75000	168.495000	-5466.882	6.62E-13	
0.75000	-1.21E-11	-9138.670		0.50000	175.234800	-5800.316			1.94E-30	8.23E-13	-6798.183		1.81E-30	9.49E-13	-7839.883	6.57E-13	
1.21E-29	1.45E-12	-11994.453	1.10E-12	-2.25E-30	1.17E-12	-9652.360	6.97E-13		COMB	UEO10	-----	MIN	1.00000	168.495000	-5423.464		
1.00000	-1.21E-11	-9092.967		0.75000	175.234800	-5754.613			REL DIST		P	V2	1.81E-30	7.89E-13	-6512.622		
1.21E-29	1.18E-12	-9772.472		-2.25E-30	9.98E-13	-8244.103	6.91E-13		T	M2	M3	V3	COMB	UEO15	-----	MAX	
COMB	UEO01	-----	MIN	1.00000	175.234800	-5708.910			0.00000	271.990000	-5597.136	6.78E-13	REL DIST		P	V2	
REL DIST				-2.25E-30	8.29E-13	-6846.986			1.94E-30	1.47E-12	-12170.726		T	M2	M3	V3	
0.00000	-1.21E-11	-9275.779	1.12E-12	COMB	UEO06	-----	MAX		0.25000	271.990000	-5553.718	6.73E-13	0.00000	168.495000	-5597.136	6.78E-13	
1.21E-29	2.27E-12	-18727.236	1.12E-12	REL DIST		P	V2	V3	1.94E-30	1.31E-12	-10811.715	6.67E-13	-2.13E-30	1.44E-12	-11885.165		
0.25000	-1.21E-11	-9230.076		0.00000	-4.84E-11	-7937.896	9.61E-13		0.50000	271.990000	-5510.300	6.62E-13	0.25000	168.495000	-5553.718	6.73E-13	
1.21E-29	1.99E-12	-16471.834	1.11E-12	1.02E-29	1.94E-12	-15992.603	9.56E-13		1.94E-30	1.15E-12	-9463.288	6.57E-13	-2.13E-30	1.27E-12	-10526.155		
0.50000	-1.21E-11	-9184.373		0.25000	-4.84E-11	-7892.193	9.56E-13		0.75000	271.990000	-5466.882	6.57E-13	0.50000	168.495000	-5510.300	6.67E-13	
1.21E-29	1.72E-12	-14227.573	1.11E-12	1.02E-29	1.94E-12	-15992.603	9.56E-13		1.94E-30	9.84E-13	-8125.444	6.57E-13	0.75000	168.495000	-5466.882	6.62E-13	
0.75000	-1.21E-11	-9138.670		0.50000	-4.84E-11	-7846.490	9.50E-13		1.94E-30	8.23E-13	-6798.183	6.57E-13	-2.13E-30	9.49E-13	-7839.883		
1.21E-29	1.45E-12	-11994.453	1.10E-12	1.02E-29	1.70E-12	-14063.311	9.45E-13		Program	SAP2000	Nonlinear	Version 7.42	1.00000	168.495000	-5423.464	6.57E-13	
1.00000	-1.21E-11	-9092.967		0.50000	1.47E-12	-12145.159	9.45E-13		File:청도1교하행_P9_본체.OUT				-2.13E-30	7.89E-13	-6512.622		
1.21E-29	1.18E-12	-9772.472		0.75000	1.01E-12	-8342.275	9.39E-13						COMB	UEO15	-----	MIN	
Program	SAP2000	Nonlinear	Version 7.42	1.00000	-4.84E-11	-7755.084	9.39E-13		Page	737			REL DIST		P	V2	
File:청도1교하행_P9_본체.OUT				1.02E-29	1.01E-12	-8342.275			: AAButPier	SAP2000	6-7	데이타파일 : 교각 본체	T	M2	M3	V3	
				COMB	UEO06	-----	MIN		L	F	R	A	0.00000	168.495000	-5597.136	6.78E-13	
				REL DIST		P	V2	V3					2.13E-30	1.44E-12	-11885.165		
				T	M2	M3			COMB	UEO11	-----	MAX	0.25000	168.495000	-5553.718	6.73E-13	
				0.00000	-4.84E-11	-7937.896	9.61E-13		REL DIST		P	V2	V3	2.13E-30	1.27E-12	-10526.155	
				1.02E-29	1.94E-12	-15992.603	9.56E-13		T	M2	M3		0.50000	168.495000	-5510.300	6.67E-13	
				0.25000	-4.84E-11	-7892.193	9.56E-13		0.00000	271.990000	-5597.136	6.78E-13	-2.13E-30	1.44E-12	-11885.165		
				1.02E-29	1.70E-12	-14063.311	9.50E-13		-2.01E-30	1.47E-12	-12170.726	6.73E-13	0.25000	168.495000	-5553.718	6.73E-13	
				0.50000	-4.84E-11	-7846.490	9.50E-13		0.25000	271.990000	-5553.718	6.73E-13	0.50000	168.495000	-5510.300	6.67E-13	
				1.02E-29	1.47E-12	-12145.159	9.45E-13		-2.01E-30	1.31E-12	-10811.715	6.67E-13	-2.13E-30	1.11E-12	-9177.727		
				0.75000	-4.84E-11	-7800.787	9.45E-13		0.50000	271.990000	-5510.300	6.67E-13	0.75000	168.495000	-5466.882	6.62E-13	
				1.02E-29	1.24E-12	-10238.147	9.39E-13		-2.01E-30	1.15E-12	-9463.288	6.62E-13	-2.13E-30	9.49E-13	-7839.883		
				0.00000	-4.84E-11	-7755.084	9.39E-13		0.75000	271.990000	-5466.882	6.57E-13	1.00000	168.495000	-5423.464	6.57E-13	
				1.02E-29	1.01E-12	-8342.275			-2.01E-30	9.84E-13	-8125.444	6.57E-13	-2.13E-30	7.89E-13	-6512.622		
				COMB	UEO07	-----	MAX		1.00000	271.990000	-5423.464	6.57E-13	REL DIST		P	V2	
				REL DIST		P	V2	V3	COMB	UEO11	-----	MIN	T	M2	M3	V3	
				T	M2	M3			REL DIST		P	V2	0.00000	-7.96E-12	-5891.722	7.14E-13	
				0.00000	-1.05E-11	-7937.896	9.61E-13		T	M2	M3		-3.15E-30	1.43E-12	-11810.223		
				6.08E-30	1.94E-12	-15992.603	9.56E-13		0.00000	271.990000	-5597.136	6.78E-13	0.25000	-7.96E-12	-5846.019	7.08E-13	
				0.25000	-1.05E-11	-7892.193	9.56E-13		-2.01E-30	1.47E-12	-12170.726	6.73E-13	-3.15E-30	1.26E-12	-10379.686	7.02E-13	
				6.08E-30	1.70E-12	-14063.311	9.50E-13		0.25000	271.990000	-5553.718	6.73E-13	0.50000	-7.96E-12	-5800.316	7.02E-13	
				0.50000	-1.05E-11	-7846.490	9.50E-13		-2.01E-30	1.15E-12	-9463.288	6.62E-13	0.75000	-7.96E-12	-5754.613	6.97E-13	
				1.02E-29	1.47E-12	-12145.159	9.45E-13		0.50000	271.990000	-5510.300	6.67E-13	1.00000	-7.96E-12	-5708.910	6.91E-13	
				0.75000	-1.05E-11	-7800.787	9.45E-13		1.00000	271.990000	-5423.464	6.57E-13	REL DIST		P	V2	
				1.02E-29	1.24E-12	-10238.147	9.39E-13		-2.01E-30	9.84E-13	-8125.444	6.57E-13	T	M2	M3	V3	
				0.00000	-1.05E-11	-7755.084	9.39E-13		0.75000	271.990000	-5466.882	6.57E-13	0.00000	-7.96E-12	-5891.722	7.14E-13	
				6.08E-30	1.01E-12	-8342.275			1.00000	271.990000	-5423.464	6.57E-13	-2.13E-30	1.43E-12	-11810.223		
				COMB	UEO07	-----	MIN		-2.01E-30	8.23E-13	-6798.183		0.25000	-7.96E-12	-5846.019	7.08E-13	
				REL DIST		P	V2	V3	COMB	UEO12	-----	MAX	REL DIST		P	V2	
				T	M2	M3			REL DIST		P	V2	T	M2	M3	V3	
				0.00000	-1.05E-11	-7937.896	9.61E-13		0.00000	168.495000	-7564.611	9.16E-13	0.00000	-1.05E-11	-7937.896	9.61E-13	
				6.08E-30	1.94E-12	-15992.603	9.56E-13		1.07E-29	1.93E-12	-15906.684	9.11E-13	0.00000	1.94E-12	-15992.603		
				0.25000	-1.05E-11	-7892.193	9.56E-13		0.50000	168.495000	-7521.193	9.06E-13	0.25000	-1.05E-11	-7892.193	9.56E-13	
				6.08E-30	1.70E-12	-14063.311	9.50E-13		1.07E-29	1.48E-12	-12240.102	9.00E-13	6.08E-30	1.70E-12	-14063.311	9.50E-13	
				0.50000	-1.05E-11	-7846.490	9.50E-13		0.75000	168.495000	-7434.357	8.95E-13	0.50000	-1.05E-11	-7846.490	9.50E-13	
				1.02E-29	1.47E-12	-12145.159	9.45E-13		1.07E-29	1.26E-12	-10422.686	8.95E-13	6.08E-30	1.47E-12	-12145.159	9.45E-13	
				0.75000	-1.05E-11	-7800.787	9.45E-13		1.00000	168.495000	-7390.939	8.95E-13	0.75000	-1.05E-11	-7800.787	9.45E-13	
				1.02E-29	1.24E-12	-10238.147	9.39E-13		1.07E-29	1.04E-12	-8615.853		1.00000	-1.05E-11	-7755.084	9.39E-13	
				0.00000	-1.05E-11	-7755.084	9.39E-13		COMB	UEO13	-----	MAX	COMB	UEO17	-----	MIN	
				6.08E-30	1.01E-12	-8342.275			REL DIST		P	V2	REL DIST		P	V2	
				1.02E-29	1.24E-12	-10238.147	9.39E-13		T	M2	M3	V3	T	M2	M3	V3	
				0.00000	-1.05E-11	-7755.084	9.39E-13		0.00000	168.495000	-7564.611	9.16E-13	0.00000	-1.05E-11	-7937.896	9.61E-13	
				6.08E-30	1.94E-12	-15992.603	9.56E-13		6.74E-30	1.93E-12	-15906.684	9.11E-13	0.00000	1.94E-12	-15992.603		
				0.25000	-1.05E-11	-7892.193	9.56E-13		0.25000								

0.00000 -1.34E-11 -11043.296 1.34E-12
1.12E-29 2.70E-12 -22270.303
0.25000 -1.34E-11 -10983.882 1.33E-12
1.12E-29 2.70E-12 -22270.303
0.50000 -1.34E-11 -10924.468 1.32E-12
1.12E-29 2.05E-12 -16915.660
0.75000 -1.34E-11 -10865.054 1.32E-12
1.12E-29 1.73E-12 -14260.062
1.00000 -1.34E-11 -10805.640 1.31E-12
1.12E-29 1.41E-12 -11618.946

COMB ENVBULT ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.34E-11 -11043.296 1.34E-12
1.12E-29 2.70E-12 -22270.303
0.25000 -1.34E-11 -10983.882 1.33E-12
1.12E-29 2.37E-12 -19585.740
0.50000 -1.34E-11 -10924.468 1.32E-12
1.12E-29 2.05E-12 -16915.660
0.75000 -1.34E-11 -10865.054 1.32E-12
1.12E-29 1.73E-12 -14260.062
1.00000 -1.34E-11 -10805.640 1.31E-12
1.12E-29 1.41E-12 -11618.946

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FRAME ELEMENT INTERNAL FORCES

COMB ENVBECCE ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -7.28E-12 -5891.722 1.12E-12
1.21E-29 2.27E-12 -11810.223
0.25000 -7.28E-12 -5846.019 1.12E-12
1.21E-29 1.99E-12 -10379.686
0.50000 -7.28E-12 -5800.316 1.11E-12
1.21E-29 1.72E-12 -9960.289
0.75000 -7.28E-12 -5754.613 1.11E-12
1.21E-29 1.45E-12 -7552.032
1.00000 -7.28E-12 -5708.910 1.10E-12
1.21E-29 1.18E-12 -6154.915

COMB ENVBECCE ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.12E-11 -9275.779 7.14E-13
-3.16E-30 1.43E-12 -18727.236
0.25000 -1.12E-11 -9230.076 7.08E-13
-3.16E-30 1.26E-12 -16471.834
0.50000 -1.12E-11 -9184.373 7.02E-13
-3.16E-30 1.09E-12 -14227.573
0.75000 -1.12E-11 -9138.670 6.97E-13
-3.16E-30 9.15E-13 -11994.453
1.00000 -1.12E-11 -9092.967 6.91E-13
-3.16E-30 7.45E-13 -9772.472

COMB ENVOULT ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -1.43E-11 -11043.296 1.34E-12
1.12E-29 2.70E-12 -22270.303
0.25000 -1.43E-11 -10983.882 1.33E-12
1.12E-29 2.37E-12 -19585.740
0.50000 -1.43E-11 -10924.468 1.32E-12
1.12E-29 2.05E-12 -16915.660
0.75000 -1.43E-11 -10865.054 1.32E-12
1.12E-29 1.73E-12 -14260.062
1.00000 -1.43E-11 -10805.640 1.31E-12
1.12E-29 1.41E-12 -11618.946

COMB ENVOULT ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.43E-11 -11043.296 1.34E-12
1.12E-29 2.70E-12 -22270.303
0.25000 -1.43E-11 -10983.882 1.33E-12
1.12E-29 2.37E-12 -19585.740
0.50000 -1.43E-11 -10924.468 1.32E-12
1.12E-29 2.05E-12 -16915.660
0.75000 -1.43E-11 -10865.054 1.32E-12
1.12E-29 1.73E-12 -14260.062
1.00000 -1.43E-11 -10805.640 1.31E-12
1.12E-29 1.41E-12 -11618.946

COMB ENVOECCE ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -8.16E-12 -5891.722 1.12E-12
1.21E-29 2.27E-12 -11810.223
0.25000 -8.16E-12 -5846.019 1.12E-12
1.21E-29 1.99E-12 -10379.686
0.50000 -8.16E-12 -5800.316 1.11E-12
1.21E-29 1.72E-12 -9960.289
0.75000 -8.16E-12 -5754.613 1.11E-12
1.21E-29 1.45E-12 -7552.032
1.00000 -8.16E-12 -5708.910 1.10E-12
1.21E-29 1.18E-12 -6154.915

COMB ENVOECCE ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -1.21E-11 -9275.779 7.14E-13
-3.15E-30 1.43E-12 -18727.236
0.25000 -1.21E-11 -9230.076 7.08E-13
-3.15E-30 1.26E-12 -16471.834
0.50000 -1.21E-11 -9184.373 7.02E-13
-3.15E-30 1.09E-12 -14227.573
0.75000 -1.21E-11 -9138.670 6.97E-13
-3.15E-30 9.15E-13 -11994.453
1.00000 -1.21E-11 -9092.967 6.91E-13
-3.15E-30 7.45E-13 -9772.472

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FRAME ELEMENT INTERNAL FORCES

ELEM 16 ----- LENGTH =

LOAD D -----

REL DIST T P M2 M3 V2 V3
0.00000 -7.45E-13 -6154.915 6.91E-13
0.25000 -7.45E-13 -6154.915 6.91E-13
0.50000 -7.45E-13 -6154.915 6.91E-13
0.75000 -7.45E-13 -6154.915 6.91E-13
1.00000 -7.45E-13 -6154.915 6.91E-13
1.21E-29 2.27E-12 -11810.223
0.25000 -7.45E-13 -6154.915 6.91E-13
1.21E-29 1.99E-12 -10379.686
0.50000 -7.45E-13 -6154.915 6.91E-13
1.21E-29 1.72E-12 -9960.289
0.75000 -7.45E-13 -6154.915 6.91E-13
1.21E-29 1.45E-12 -7552.032
1.00000 -7.45E-13 -6154.915 6.91E-13
1.21E-29 1.18E-12 -6154.915 6.91E-13

LOAD L1 -----
REL DIST T P M2 M3 V2 V3
0.00000 -6.31E-30 2.04E-13 -1682.585 1.91E-13
0.25000 -6.31E-30 2.04E-13 -1682.585 1.91E-13
0.50000 -6.31E-30 1.98E-13 -1633.398 1.91E-13
0.75000 -6.31E-30 1.92E-13 -1584.211 1.91E-13
1.00000 -6.31E-30 1.86E-13 -1535.024 1.91E-13
1.21E-29 -6.31E-30 1.80E-13 -1485.837 1.91E-13

LOAD W-LO -----
REL DIST T P M2 M3 V2 V3
0.00000 -1.46E-11 -19.119184 -2.32E-15 -15.936000
0.25000 -1.46E-11 -19.119184 -2.32E-15 -15.936000
0.50000 -1.46E-11 -18.624846 -2.26E-15 -15.701625
0.75000 -1.46E-11 -18.137833 -2.20E-15 -15.232875
1.00000 -1.46E-11 -17.658143 -2.14E-15 -14.998500
1.21E-29 -1.46E-11 -17.185778 -2.08E-15 -14.998500

LOAD G-LO2 -----
REL DIST T P M2 M3 V2 V3
0.00000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.25000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.50000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.75000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
1.00000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
1.21E-29 -4.00.014000 -283.847294 -3.22E-14 -265.526000

LOAD E-LO -----
REL DIST T P M2 M3 V2 V3
0.00000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.25000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.50000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.75000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
1.00000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
1.21E-29 -4.00.014000 -283.847294 -3.22E-14 -265.526000

LOAD W-TR -----
REL DIST T P M2 M3 V2 V3
0.00000 -6.31E-30 9.21E-14 -760.811000 -3.23E-27
0.25000 -6.31E-30 9.21E-14 -760.811000 -3.23E-27
0.50000 -6.31E-30 9.21E-14 -760.811000 -3.23E-27
0.75000 -6.31E-30 9.21E-14 -760.811000 -3.23E-27
1.00000 -6.31E-30 9.21E-14 -760.811000 -3.23E-27
1.21E-29 -6.31E-30 9.21E-14 -760.811000 -3.23E-27

FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.00000 -6.31E-30 9.21E-14 -760.811000 -3.23E-27
0.25000 -6.31E-30 9.21E-14 -760.811000 -3.23E-27
0.50000 -6.31E-30 9.21E-14 -760.811000 -3.23E-27
0.75000 -6.31E-30 9.21E-14 -760.811000 -3.23E-27
1.00000 -6.31E-30 9.21E-14 -760.811000 -3.23E-27
1.21E-29 -6.31E-30 9.21E-14 -760.811000 -3.23E-27

LOAD WL -----
REL DIST T P M2 M3 V2 V3
0.00000 -1.46E-11 -19.119184 -2.32E-15 -15.936000
0.25000 -1.46E-11 -19.119184 -2.32E-15 -15.936000
0.50000 -1.46E-11 -18.624846 -2.26E-15 -15.467250
0.75000 -1.46E-11 -18.137833 -2.20E-15 -15.232875
1.00000 -1.46E-11 -17.658143 -2.14E-15 -14.998500
1.21E-29 -1.46E-11 -17.185778 -2.08E-15 -14.998500

LOAD G-TR -----
REL DIST T P M2 M3 V2 V3
0.00000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.25000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.50000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.75000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
1.00000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
1.21E-29 -4.00.014000 -283.847294 -3.22E-14 -265.526000

LOAD E-TR -----
REL DIST T P M2 M3 V2 V3
0.00000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.25000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.50000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.75000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
1.00000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
1.21E-29 -4.00.014000 -283.847294 -3.22E-14 -265.526000

LOAD Q1-TR -----
REL DIST T P M2 M3 V2 V3
0.00000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.25000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.50000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.75000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
1.00000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
1.21E-29 -4.00.014000 -283.847294 -3.22E-14 -265.526000

LOAD COL-TR -----
REL DIST T P M2 M3 V2 V3
0.00000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.25000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.50000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
0.75000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
1.00000 -4.00.014000 -283.847294 -3.22E-14 -265.526000
1.21E-29 -4.00.014000 -283.847294 -3.22E-14 -265.526000

T M2 M3
2.47E-32 -3.64E-12 1.14E-13
0.25000 -3.64E-12 1.14E-13
2.47E-32 3.94E-31 -3.55E-15
0.50000 -3.64E-12 1.14E-13
2.47E-32 7.89E-31 -7.11E-15
0.75000 -3.64E-12 1.14E-13
2.47E-32 1.18E-30 -1.07E-14
1.00000 -3.64E-12 1.14E-13
2.47E-32 1.58E-30 -1.42E-14

COMB SVB01 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -6.31E-30 9.49E-13 -7837.499 8.82E-13
-6.31E-30 9.49E-13 -7837.499 8.82E-13
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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3
0.25000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.50000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.75000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.00000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.21E-29 -6.31E-30 9.22E-13 -7610.001 8.81E-13

COMB SVB01 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
-6.31E-30 9.22E-13 -7610.001 8.81E-13
0.25000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.50000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.75000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.00000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.21E-29 -6.31E-30 9.22E-13 -7610.001 8.81E-13

COMB SVB02 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
-6.31E-30 9.22E-13 -7610.001 8.81E-13
0.25000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.50000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.75000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.00000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.21E-29 -6.31E-30 9.22E-13 -7610.001 8.81E-13

COMB SVB02 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
-6.31E-30 9.22E-13 -7610.001 8.81E-13
0.25000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.50000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.75000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.00000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.21E-29 -6.31E-30 9.22E-13 -7610.001 8.81E-13

COMB SVB03 ----- MAX

REL DIST T P M2 M3 V2 V3
0.00000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
-6.31E-30 9.22E-13 -7610.001 8.81E-13
0.25000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.50000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.75000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.00000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.21E-29 -6.31E-30 9.22E-13 -7610.001 8.81E-13

COMB SVB03 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
-6.31E-30 9.22E-13 -7610.001 8.81E-13
0.25000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.50000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.75000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.00000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.21E-29 -6.31E-30 9.22E-13 -7610.001 8.81E-13

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FRAME ELEMENT INTERNAL FORCES

COMB SVB04 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
-6.31E-30 9.22E-13 -7610.001 8.81E-13
0.25000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.50000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.75000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.00000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.21E-29 -6.31E-30 9.22E-13 -7610.001 8.81E-13

COMB SVB04 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
-6.31E-30 9.22E-13 -7610.001 8.81E-13
0.25000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.50000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
0.75000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.00000 -6.31E-30 9.22E-13 -7610.001 8.81E-13
1.21E-29 -6.31E-30 9.22E-13 -7610.001 8.81E-13

-7.28E-12 -8.592889 -6928.603
COMB SVB05 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 -6.31E-30 -5708.910 -7.968000
-7.28E-12 -9.559592 -6154.915
0.25000 -6.31E-30 -5703.051 -7.850813
-7.28E-12 -9.312423 -5976.603
0.50000 -6.31E-30 -5697.191 -7.733625
-7.28E-12 -9.068916 -5798.474
0.75000 -6.31E-30 -5691.332 -7.616438
-7.28E-12 -8.829072 -5620.528
1.00000 -6.31E-30 -5685.472 -7.499250
-7.28E-12 -8.592889 -5442.766

COMB SVB05 ----- MIN

REL DIST T P M2 M3 V2 V3
0.00000 -6.31E-30 -5708.910 -7.968000
-7.28E-12 -9.559592 -6154.915
0.25000 -6.31E-30 -5703.051 -7.850813
-7.28E-12 -9.312423 -5976.603
0

.000000 7.45E-13 -6154.915 6.91E-13
0.250000 .000000 -5703.051
0.000000 7.24E-13 -5976.603
0.500000 .000000 -5697.191 6.90E-13
0.000000 7.02E-13 -5798.474
0.750000 .000000 -5691.332 6.89E-13
0.000000 6.81E-13 -5620.528
1.000000 .000000 -5685.472 6.89E-13
0.000000 6.59E-13 -5442.766
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COMB SVB10 ----- MAX

REL DIST T P M2 M3 V3
0.000000 -1.14E-28 -5708.910 -281.462000
-400.014000 -302.966478 -6154.915
0.250000 -1.14E-28 -5703.051 -281.227625
-400.014000 -294.174453 -5976.603
0.500000 -1.14E-28 -5697.191 -280.993250
-400.014000 -285.389752 -5798.474
0.750000 -1.14E-28 -5691.332 -280.758875
-400.014000 -276.612375 -5620.528
1.000000 -1.14E-28 -5685.472 -280.524500
-400.014000 -267.842322 -5442.766

COMB SVB10 ----- MIN

REL DIST T P M2 M3 V3
0.000000 -1.14E-28 -5708.910 -281.462000
-400.014000 -302.966478 -6154.915
0.250000 -1.14E-28 -5703.051 -281.227625
-400.014000 -294.174453 -5976.603
0.500000 -1.14E-28 -5697.191 -280.993250
-400.014000 -285.389752 -5798.474
0.750000 -1.14E-28 -5691.332 -280.758875
-400.014000 -276.612375 -5620.528
1.000000 -1.14E-28 -5685.472 -280.524500
-400.014000 -267.842322 -5442.766

COMB SVB11 ----- MAX

REL DIST T P M2 M3 V3
0.000000 -1.26E-29 -5708.910 -15.936000
-1.46E-11 -19.119184 -6154.915 -15.701625
0.250000 -1.26E-29 -5703.051 -15.701625
-1.46E-11 -18.624846 -5976.603 -15.467250
0.500000 -1.26E-29 -5697.191 -15.467250
-1.46E-11 -18.137833 -5798.474 -15.232875
0.750000 -1.26E-29 -5691.332 -15.232875
-1.46E-11 -17.658143 -5620.528 -14.998500
1.000000 -1.26E-29 -5685.472 -14.998500
-1.46E-11 -17.185778 -5442.766

COMB SVB11 ----- MIN

REL DIST T P M2 M3 V3
0.000000 -1.26E-29 -5708.910 -15.936000
-1.46E-11 -19.119184 -6154.915 -15.701625
0.250000 -1.26E-29 -5703.051 -15.701625
-1.46E-11 -18.624846 -5976.603 -15.467250
0.500000 -1.26E-29 -5697.191 -15.467250
-1.46E-11 -18.137833 -5798.474 -15.232875
0.750000 -1.26E-29 -5691.332 -15.232875
-1.46E-11 -17.658143 -5620.528 -14.998500
1.000000 -1.26E-29 -5685.472 -14.998500
-1.46E-11 -17.185778 -5442.766

COMB SVB12 ----- MAX

REL DIST T P M2 M3 V3
0.000000 -1.07E-28 -7282.890 -273.494000
-400.014000 -293.406886 -7837.499
0.250000 -1.07E-28 -7277.031 -273.376813
-400.014000 -284.862030 -7610.001
0.500000 -1.07E-28 -7271.171 -273.259625
-400.014000 -276.320835 -7382.685
0.750000 -1.07E-28 -7265.312 -273.142438
-400.014000 -267.783303 -7155.552
1.000000 -1.07E-28 -7259.452 -273.025250
-400.014000 -259.249433 -6928.603

COMB SVB12 ----- MIN

REL DIST T P M2 M3 V3
0.000000 -1.07E-28 -7282.890 -273.494000
-400.014000 -293.406886 -7837.499
0.250000 -1.07E-28 -7277.031 -273.376813
-400.014000 -284.862030 -7610.001
0.500000 -1.07E-28 -7271.171 -273.259625
-400.014000 -276.320835 -7382.685
0.750000 -1.07E-28 -7265.312 -273.142438
-400.014000 -267.783303 -7155.552
1.000000 -1.07E-28 -7259.452 -273.025250
-400.014000 -259.249433 -6928.603
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COMB SVB13 ----- MAX

REL DIST T P M2 M3 V3
0.000000 -6.31E-30 -7282.890 -7.968000
-7.28E-12 -9.559592 -7837.499 -7.850813
0.250000 -6.31E-30 -7277.031 -7.850813
-7.28E-12 -9.312423 -7610.001 -7.733625
0.500000 -6.31E-30 -7271.171 -7.733625
-7.28E-12 -9.068916 -7382.685 -7.616438
0.750000 -6.31E-30 -7265.312 -7.616438
-7.28E-12 -8.829072 -7155.552 -7.499250
1.000000 -6.31E-30 -7259.452 -7.499250
-7.28E-12 -8.592889 -6928.603

COMB SVB13 ----- MIN

REL DIST T P M2 M3 V3
0.000000 -6.31E-30 -7282.890 -7.968000
-7.28E-12 -9.559592 -7837.499 -7.850813
0.250000 -6.31E-30 -7277.031 -7.850813
-7.28E-12 -9.312423 -7610.001 -7.733625
0.500000 -6.31E-30 -7271.171 -7.733625
-7.28E-12 -9.068916 -7382.685 -7.616438
0.750000 -6.31E-30 -7265.312 -7.616438
-7.28E-12 -8.829072 -7155.552 -7.499250
1.000000 -6.31E-30 -7259.452 -7.499250
-7.28E-12 -8.592889 -6928.603

COMB SVB14 ----- MAX

REL DIST T P M2 M3 V3

T M2 M3
0.000000 -1.07E-28 -5708.910 -273.494000
-400.014000 -293.406886 -6154.915
0.250000 -1.07E-28 -5703.051 -273.376813
-400.014000 -284.862030 -5976.603
0.500000 -1.07E-28 -5697.191 -273.259625
-400.014000 -276.320835 -5798.474
0.750000 -1.07E-28 -5691.332 -273.142438
-400.014000 -267.783303 -5620.528
1.000000 -1.07E-28 -5685.472 -273.025250
-400.014000 -259.249433 -5442.766

COMB SVB14 ----- MIN

REL DIST T P M2 M3 V3
0.000000 -1.07E-28 -5708.910 -273.494000
-400.014000 -293.406886 -6154.915
0.250000 -1.07E-28 -5703.051 -273.376813
-400.014000 -284.862030 -5976.603
0.500000 -1.07E-28 -5697.191 -273.259625
-400.014000 -276.320835 -5798.474
0.750000 -1.07E-28 -5691.332 -273.142438
-400.014000 -267.783303 -5620.528
1.000000 -1.07E-28 -5685.472 -273.025250
-400.014000 -259.249433 -5442.766

COMB SVB15 ----- MAX

REL DIST T P M2 M3 V3
0.000000 -6.31E-30 -5708.910 -7.968000
-7.28E-12 -9.559592 -6154.915 -7.850813
0.250000 -6.31E-30 -5703.051 -7.850813
-7.28E-12 -9.312423 -5976.603 -7.733625
0.500000 -6.31E-30 -5697.191 -7.733625
-7.28E-12 -9.068916 -5798.474 -7.616438
0.750000 -6.31E-30 -5691.332 -7.616438
-7.28E-12 -8.829072 -5620.528 -7.499250
1.000000 -6.31E-30 -5685.472 -7.499250
-7.28E-12 -8.592889 -5442.766

COMB SVB15 ----- MIN

REL DIST T P M2 M3 V3
0.000000 -6.31E-30 -5708.910 -7.968000
-7.28E-12 -9.559592 -6154.915 -7.850813
0.250000 -6.31E-30 -5703.051 -7.850813
-7.28E-12 -9.312423 -5976.603 -7.733625
0.500000 -6.31E-30 -5697.191 -7.733625
-7.28E-12 -9.068916 -5798.474 -7.616438
0.750000 -6.31E-30 -5691.332 -7.616438
-7.28E-12 -8.829072 -5620.528 -7.499250
1.000000 -6.31E-30 -5685.472 -7.499250
-7.28E-12 -8.592889 -5442.766
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FRAME ELEMENT INTERNAL FORCES

COMB ULB01 ----- MAX

REL DIST T P M2 M3 V3
0.000000 .000000 -10805.640 1.31E-12
-1.36E-29 1.41E-12 -11618.946 1.31E-12
0.250000 .000000 -10798.023 1.31E-12
-1.36E-29 1.37E-12 -11281.389 1.31E-12
0.500000 .000000 -10790.400 1.31E-12
-1.36E-29 1.33E-12 -10944.070 1.31E-12
0.750000 .000000 -10782.788 1.31E-12
-1.36E-29 1.28E-12 -10606.989 1.31E-12
1.000000 .000000 -10775.171 1.30E-12
-1.36E-29 1.24E-12 -10270.145

COMB ULB01 ----- MIN

REL DIST T P M2 M3 V3
0.000000 .000000 -10805.640 1.31E-12
-1.36E-29 1.41E-12 -11618.946 1.31E-12
0.250000 .000000 -10798.023 1.31E-12
-1.36E-29 1.37E-12 -11281.389 1.31E-12
0.500000 .000000 -10790.400 1.31E-12
-1.36E-29 1.33E-12 -10944.070 1.31E-12
0.750000 .000000 -10782.788 1.31E-12
-1.36E-29 1.28E-12 -10606.989 1.31E-12
1.000000 .000000 -10775.171 1.30E-12
-1.36E-29 1.24E-12 -10270.145

COMB ULB02 ----- MAX

REL DIST T P M2 M3 V3
0.000000 .000000 -10805.640 1.31E-12
-1.36E-29 1.41E-12 -11618.946 1.31E-12
0.250000 .000000 -10798.023 1.31E-12
-1.36E-29 1.37E-12 -11281.389 1.31E-12
0.500000 .000000 -10790.400 1.31E-12
-1.36E-29 1.33E-12 -10944.070 1.31E-12
0.750000 .000000 -10782.788 1.31E-12
-1.36E-29 1.28E-12 -10606.989 1.31E-12
1.000000 .000000 -10775.171 1.30E-12
-1.36E-29 1.24E-12 -10270.145

COMB ULB02 ----- MIN

REL DIST T P M2 M3 V3
0.000000 .000000 -10805.640 1.31E-12
-1.36E-29 1.41E-12 -11618.946 1.31E-12
0.250000 .000000 -10798.023 1.31E-12
-1.36E-29 1.37E-12 -11281.389 1.31E-12
0.500000 .000000 -10790.400 1.31E-12
-1.36E-29 1.33E-12 -10944.070 1.31E-12
0.750000 .000000 -10782.788 1.31E-12
-1.36E-29 1.28E-12 -10606.989 1.31E-12
1.000000 .000000 -10775.171 1.30E-12
-1.36E-29 1.24E-12 -10270.145

COMB ULB03 ----- MAX

REL DIST T P M2 M3 V3
0.000000 -1.64E-29 -7421.583 -20.716800
-1.89E-11 -24.854940 -8001.389 -20.412113
0.250000 -1.64E-29 -7413.966 -20.412113
-1.89E-11 -24.212300 -7769.584 -20.107425
0.500000 -1.64E-29 -7406.349 -20.107425
-1.89E-11 -23.579182 -7382.016 -19.802738
0.750000 -1.64E-29 -7398.731 -19.802738
-1.89E-11 -22.955586 -7306.687 -19.498050
1.000000 -1.64E-29 -7391.114 -19.498050
-1.89E-11 -22.341511 -7075.596

COMB ULB03 ----- MIN

REL DIST T P M2 M3 V3
0.000000 -1.64E-29 -7421.583 -20.716800
-1.89E-11 -24.854940 -8001.389 -20.412113
0.250000 -1.64E-29 -7413.966 -20.412113
-1.89E-11 -24.212300 -7769.584 -20.107425
0.500000 -1.64E-29 -7406.349 -20.107425
-1.89E-11 -23.579182 -7382.016 -19.802738
0.750000 -1.64E-29 -7398.731 -19.802738
-1.89E-11 -22.955586 -7306.687 -19.498050
1.000000 -1.64E-29 -7391.114 -19.498050
-1.89E-11 -22.341511 -7075.596

0.750000 -1.64E-29 -7398.731 -19.802738
-1.89E-11 -22.955586 -7306.687
1.000000 -1.64E-29 -7391.114 -19.498050
-1.89E-11 -22.341511 -7075.596
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COMB ULB04 ----- MAX

REL DIST T P M2 M3 V3
0.000000 -8.20E-30 -9467.757 -10.358400
-9.46E-12 -12.427470 -10188.749 -10.206056
0.250000 -8.20E-30 -9460.140 -10.206056
-9.46E-12 -12.106150 -9893.001 -10.053713
0.500000 -8.20E-30 -9452.523 -9957.491 -9.901369
-9.46E-12 -11.789591 -9444.905 -9.749025
0.750000 -8.20E-30 -9437.288 -9907.184
-9.46E-12 -11.707756 -9907.184

COMB ULB04 ----- MIN

REL DIST T P M2 M3 V3
0.000000 -8.20E-30 -9467.757 -10.358400
-9.46E-12 -12.427470 -10188.749 -10.206056
0.250000 -8.20E-30 -9460.140 -10.206056
-9.46E-12 -12.106150 -9893.001 -10.053713
0.500000 -8.20E-30 -9452.523 -9957.491 -9.901369
-9.46E-12 -11.789591 -9444.905 -9.749025
0.750000 -8.20E-30 -9437.288 -9907.184
-9.46E-12 -11.707756 -9907.184

COMB ULB05 ----- MAX

REL DIST T P M2 M3 V3
0.000000 -8.20E-30 -7421.583 -10.358400
-9.46E-12 -12.427470 -8001.389 -10.206056
0.250000 -8.20E-30 -7413.966 -10.206056
-9.46E-12 -12.106150 -7769.584 -10.053713
0.500000 -8.20E-30 -7406.349 -10.053713
-9.46E-12 -11.789591 -7538.016 -9.901369
0.750000 -8.20E-30 -7398.731 -9.901369
-9.46E-12 -11.777793 -7306.687 -9.749025
1.000000 -8.20E-30 -7391.114 -9.749025
-9.46E-12 -11.707756 -7075.596

COMB ULB05 ----- MIN

REL DIST T P M2 M3 V3
0.000000 -8.20E-30 -7421.583 -10.358400
-9.46E-12 -12.427470 -8001.389 -10.206056
0.250000 -8.20E-30 -7413.966 -10.206056
-9.46E-12 -12.106150 -7769.584 -10.053713
0.500000 -8.20E-30 -7406.349 -10.053713
-9.46E-12 -11.789591 -7538.016 -9.901369
0.750000 -8.20E-30 -7398.731 -9.901369
-9.46E-12 -11.777793 -7306.687 -9.749025
1.000000 -8.20E-30 -7391.114 -9.749025
-9.46E-12 -11.707756 -7075.596

COMB ULB06 ----- MAX

REL DIST T P M2 M3 V3
0.000000 -1.31E-28 -9467.757 -345.183800
-520.018200 -369.001482 -10188.749 -345.183800
0.250000 -1.31E-28 -9460.140 -345.183800
-520.018200 -358.214488 -9893.001 -345.183800
0.500000 -1.31E-28 -9452.523 -345.183800
-520.018200 -347.427495 -9957.491 -345.183800
0.750000 -1.31E-28 -9444.905 -345.183800
-520.018200 -336.640501 -9302.218 -345.183800
-520.018200 -325.853507 -9007.184

COMB ULB06 ----- MIN

REL DIST T P M2 M3 V3
0.000000 -1.31E-28 -9467.757 -345.183800
-520.018200 -369.001482 -10188.749 -345.183800
0.250000 -1.31E-28 -9460.140 -345.183800
-520.018200 -358.214488 -9893.001 -345.183800
0.500000 -1.31E-28 -9452.523 -345.183800
-520.018200 -347.427495 -9957.491 -345.183800
0.750000 -1.31E-28 -9444.905 -345.183800
-520.018200 -336.640501 -9302.218 -345.183800
-520.018200 -325.853507 -9007.184
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FRAME ELEMENT INTERNAL FORCES

COMB ULB07 ----- MAX

REL DIST T P M2 M3 V3
0.000000 .000000 -9467.757 1.15E-12
-8.20E-30 1.23E-12 -10188.749 1.15E-12
0.250000 .000000 -9460.140 1.15E-12
-8.20E-30 1.20E-12 -9893.001 1.14E-12
0.500000 .000000 -9452.523 1.14E-12
-8.20E-30 1.16E-12 -9597.491 1.14E-12
0.750000 .000000 -9444.905 1.14E-12
-8.20E-30 1.13E-12 -9302.218 1.14E-12
1.000000 .000000 -9437.288 1.14E-12
-8.20E-30 1.09E-12 -9007.184

COMB ULB07 ----- MIN

REL DIST T

[illegible]

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-7390.939	-9.960000
-9.09E-12	-11.949490	-7950.400	-9.813516
0.25000	-7.89E-30	-7385.373	
-9.09E-12	-11.640529	-7719.520	
0.50000	-7.89E-30	-7379.807	-9.667031
-9.09E-12	-11.336145	-7488.814	
0.75000	-7.89E-30	-7374.240	-9.520547
-9.09E-12	-11.036340	-7258.282	
1.00000	-7.89E-30	-7368.674	-9.374063
-9.09E-12	-10.741111	-7027.924	

COMB UEB13 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-7390.939	-9.960000
-9.09E-12	-11.949490	-7950.400	
0.25000	-7.89E-30	-7385.373	-9.813516
-9.09E-12	-11.640529	-7719.520	
0.50000	-7.89E-30	-7379.807	-9.667031
-9.09E-12	-11.336145	-7488.814	
0.75000	-7.89E-30	-7374.240	-9.520547
-9.09E-12	-11.036340	-7258.282	
1.00000	-7.89E-30	-7368.674	-9.374063
-9.09E-12	-10.741111	-7027.924	

COMB UEB14 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.34E-28	-5423.464	-341.867500
-500.017500	-366.758608	-5847.169	
0.25000	-1.34E-28	-5417.898	-341.721016
-500.017500	-356.077537	-5677.773	
0.50000	-1.34E-28	-5412.332	-341.574531
-500.017500	-345.401044	-5508.550	
0.75000	-1.34E-28	-5406.765	-341.428047
-500.017500	-334.729129	-5339.502	
1.00000	-1.34E-28	-5401.199	-341.281563
-500.017500	-324.061791	-5170.628	

COMB UEB14 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.34E-28	-5423.464	-341.867500
-500.017500	-366.758608	-5847.169	
0.25000	-1.34E-28	-5417.898	-341.721016
-500.017500	-356.077537	-5677.773	
0.50000	-1.34E-28	-5412.332	-341.574531
-500.017500	-345.401044	-5508.550	
0.75000	-1.34E-28	-5406.765	-341.428047
-500.017500	-334.729129	-5339.502	
1.00000	-1.34E-28	-5401.199	-341.281563
-500.017500	-324.061791	-5170.628	

COMB UEB15 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-5423.464	-9.960000
-9.09E-12	-11.949490	-5847.169	
0.25000	-7.89E-30	-5417.898	-9.813516
-9.09E-12	-11.640529	-5677.773	
0.50000	-7.89E-30	-5412.332	-9.667031
-9.09E-12	-11.336145	-5508.550	
0.75000	-7.89E-30	-5406.765	-9.520547
-9.09E-12	-11.036340	-5339.502	
1.00000	-7.89E-30	-5401.199	-9.374063
-9.09E-12	-10.741111	-5170.628	

COMB UEB15 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-5423.464	-9.960000
-9.09E-12	-11.949490	-5847.169	
0.25000	-7.89E-30	-5417.898	-9.813516
-9.09E-12	-11.640529	-5677.773	
0.50000	-7.89E-30	-5412.332	-9.667031
-9.09E-12	-11.336145	-5508.550	
0.75000	-7.89E-30	-5406.765	-9.520547
-9.09E-12	-11.036340	-5339.502	
1.00000	-7.89E-30	-5401.199	-9.374063
-9.09E-12	-10.741111	-5170.628	

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FRAME ELEMENT INTERNAL FORCES

COMB UEB16 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-5423.464	-9.960000
-9.09E-12	-11.949490	-5847.169	
0.25000	-7.89E-30	-5417.898	-9.813516
-9.09E-12	-11.640529	-5677.773	
0.50000	-7.89E-30	-5412.332	-9.667031
-9.09E-12	-11.336145	-5508.550	
0.75000	-7.89E-30	-5406.765	-9.520547
-9.09E-12	-11.036340	-5339.502	
1.00000	-7.89E-30	-5401.199	-9.374063
-9.09E-12	-10.741111	-5170.628	

COMB UEB16 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-5423.464	-9.960000
-9.09E-12	-11.949490	-5847.169	
0.25000	-7.89E-30	-5417.898	-9.813516
-9.09E-12	-11.640529	-5677.773	
0.50000	-7.89E-30	-5412.332	-9.667031
-9.09E-12	-11.336145	-5508.550	
0.75000	-7.89E-30	-5406.765	-9.520547
-9.09E-12	-11.036340	-5339.502	
1.00000	-7.89E-30	-5401.199	-9.374063
-9.09E-12	-10.741111	-5170.628	

COMB UEB16 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-5423.464	-9.960000
-9.09E-12	-11.949490	-5847.169	
0.25000	-7.89E-30	-5417.898	-9.813516
-9.09E-12	-11.640529	-5677.773	
0.50000	-7.89E-30	-5412.332	-9.667031
-9.09E-12	-11.336145	-5508.550	
0.75000	-7.89E-30	-5406.765	-9.520547
-9.09E-12	-11.036340	-5339.502	
1.00000	-7.89E-30	-5401.199	-9.374063
-9.09E-12	-10.741111	-5170.628	

COMB UEB17 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-5423.464	-9.960000
-9.09E-12	-11.949490	-5847.169	
0.25000	-7.89E-30	-5417.898	-9.813516
-9.09E-12	-11.640529	-5677.773	
0.50000	-7.89E-30	-5412.332	-9.667031
-9.09E-12	-11.336145	-5508.550	
0.75000	-7.89E-30	-5406.765	-9.520547
-9.09E-12	-11.036340	-5339.502	
1.00000	-7.89E-30	-5401.199	-9.374063
-9.09E-12	-10.741111	-5170.628	

COMB UEB17 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.89E-30	-5423.464	-9.960000
-9.09E-12	-11.949490	-5847.169	
0.25000	-7.89E-30	-5417.898	-9.813516
-9.09E-12	-11.640529	-5677.773	
0.50000	-7.89E-30	-5412.332	-9.667031
-9.09E-12	-11.336145	-5508.550	
0.75000	-7.89E-30	-5406.765	-9.520547
-9.09E-12	-11.036340	-5339.502	
1.00000	-7.89E-30	-5401.199	-9.374063
-9.09E-12	-10.741111	-5170.628	

0.50000	.000000	-7743.365	9.38E-13
-8.20E-30	9.52E-13	-7857.948	
0.75000	.000000	-7737.506	9.37E-13
-8.20E-30	9.22E-13	-7616.043	
1.00000	.000000	-7731.646	9.36E-13
-8.20E-30	8.93E-13	-7374.354	

COMB UEB18 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.51E-29	-5138.019	-19.123200
-1.75E-11	-22.943021	-5539.423	
0.25000	-1.51E-29	-5132.746	-18.841950
-1.75E-11	-22.349816	-5378.943	
0.50000	-1.51E-29	-5127.472	-18.560700
-1.75E-11	-21.765399	-5218.627	
0.75000	-1.51E-29	-5122.199	-18.279450
-1.75E-11	-21.189772	-5058.476	
1.00000	-1.51E-29	-5116.925	-17.998200
-1.75E-11	-20.622934	-4898.489	

COMB UEB18 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.51E-29	-5138.019	-19.123200
-1.75E-11	-22.943021	-5539.423	
0.25000	-1.51E-29	-5132.746	-18.841950
-1.75E-11	-22.349816	-5378.943	
0.50000	-1.51E-29	-5127.472	-18.560700
-1.75E-11	-21.765399	-5218.627	
0.75000	-1.51E-29	-5122.199	-18.279450
-1.75E-11	-21.189772	-5058.476	
1.00000	-1.51E-29	-5116.925	-17.998200
-1.75E-11	-20.622934	-4898.489	

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FRAME ELEMENT INTERNAL FORCES

COMB SVO01 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.82E-12	-7282.890	8.82E-13
6.31E-30	9.49E-13	-7837.499	
0.25000	-1.82E-12	-7277.031	8.81E-13
-6.31E-30	9.22E-13	-7610.001	
0.50000	-1.82E-12	-7271.171	8.81E-13
-6.31E-30	8.94E-13	-7382.685	
0.75000	-1.82E-12	-7265.312	8.80E-13
0.00000	-1.82E-12	-7259.452	8.80E-13
6.31E-30	8.67E-13	-7155.552	
1.00000	-1.82E-12	-7259.452	8.79E-13
-6.31E-30	8.39E-13	-6928.603	

COMB SVO01 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.82E-12	-7282.890	8.82E-13
-6.31E-30	9.49E-13	-7837.499	
0.25000	-1.82E-12	-7277.031	8.81E-13
6.31E-30	9.22E-13	-7610.001	
0.50000	-1.82E-12	-7271.171	8.81E-13
-6.31E-30	8.94E-13	-7382.685	
0.75000	-1.82E-12	-7265.312	8.80E-13
0.00000	-1.82E-12	-7259.452	8.80E-13
-6.31E-30	8.67E-13	-7155.552	
1.00000	-1.82E-12	-7259.452	8.79E-13
-6.31E-30	8.39E-13	-6928.603	

COMB SVO02 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.82E-12	-7282.890	8.82E-13
-6.31E-30	9.49E-13	-7837.499	
0.25000	-1.82E-12	-7277.031	8.81E-13
6.31E-30	9.22E-13	-7610.001	
0.50000	-1.82E-12	-7271.171	8.81E-13
-6.31E-30	8.94E-13	-7382.685	
0.75000	-1.82E-12	-7265.312	8.80E-13
0.00000	-1.82E-12	-7259.452	8.80E-13
-6.31E-30	8.67E-13	-7155.552	
1.00000	-1.82E-12	-7259.452	8.79E-13
-6.31E-30	8.39E-13	-6928.603	

COMB SVO02 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.82E-12	-7282.890	8.82E-13
-6.31E-30	9.49E-13	-7837.499	
0.25000	-1.82E-12	-7277.031	8.81E-13
6.31E-30	9.22E-13	-7610.001	
0.50000	-1.82E-12	-7271.171	8.81E-13
-6.31E-30	8.94E-13	-7382.685	
0.75000	-1.82E-12	-7265.312	8.80E-13
0.00000	-1.82E-12	-7259.452	8.80E-13
-6.31E-30	8.67E-13	-7155.552	
1.00000	-1.82E-12	-7259.452	8.79E-13
-6.31E-30	8.39E-13	-6928.603	

COMB SVO03 ----- MAX

.000000	8.81E-13	-3628.328		
1.00000	-1.82E-12	-5685.472	6.89E-13	
.000000	6.59E-13	-5442.766		
COMB SVO03 ----- MAX				
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	217.592000	-5708.910	6.91E-13	
0.31E-30	8.36E-13	-6915.726		
0.25000	217.592000	-5703.051	6.91E-13	

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0.25000	-1.82E-12	-5703.051	6.91E-13
0.00000	-7.82E-13	-5976.603	
0.50000	1.24E-12	-5697.191	6.90E-13
0.00000	7.02E-12	-5798.474	
0.75000	-1.82E-12	-5691.332	6.89E-13
0.00000	6.81E-13	-5620.528	
1.00000	-1.82E-12	-5685.472	6.89E-13
0.00000	6.59E-13	-5442.766	

COMB ULO17 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.36E-12	-9467.757	
8.20E-30	1.23E-12	-10188.749	1.15E-12
0.25000	-2.36E-12	-9460.140	1.15E-12
8.20E-30	1.20E-12	-9893.001	
0.50000	-2.36E-12	-9452.523	1.14E-12
0.75000	-2.36E-12	-9452.523	
8.20E-30	1.16E-12	-9597.491	1.14E-12
0.75000	-2.36E-12	-9444.905	1.14E-12
8.20E-30	1.13E-12	-9302.218	
1.00000	-2.36E-12	-9437.288	1.14E-12
8.20E-30	1.09E-12	-9007.184	

COMB ULO17 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.36E-12	-9467.757	
8.20E-30	1.23E-12	-10188.749	1.15E-12
0.25000	-2.36E-12	-9460.140	1.15E-12
8.20E-30	1.20E-12	-9893.001	
0.50000	-2.36E-12	-9452.523	1.14E-12
8.20E-30	1.16E-12	-9597.491	1.14E-12
0.75000	-2.36E-12	-9444.905	1.14E-12
8.20E-30	1.13E-12	-9302.218	
1.00000	-2.36E-12	-9437.288	1.14E-12
8.20E-30	1.09E-12	-9007.184	

COMB ULO18 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	261.110400	-6850.692	8.30E-13
7.57E-30	1.01E-12	-8298.871	
0.25000	261.110400	-6843.661	8.29E-13
7.57E-30	9.79E-13	-8084.897	
0.50000	261.110400	-6836.629	8.28E-13
7.57E-30	9.53E-13	-7871.142	
0.75000	261.110400	-6829.598	8.27E-13
7.57E-30	9.27E-13	-7657.607	
1.00000	261.110400	-6822.567	8.26E-13
7.57E-30	9.02E-13	-7444.292	

COMB ULO18 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	261.110400	-6850.692	8.30E-13
7.57E-30	1.01E-12	-8298.871	
0.25000	261.110400	-6843.661	8.29E-13
7.57E-30	9.79E-13	-8084.897	
0.50000	261.110400	-6836.629	8.28E-13
7.57E-30	9.53E-13	-7871.142	
0.75000	261.110400	-6829.598	8.27E-13
7.57E-30	9.27E-13	-7657.607	
1.00000	261.110400	-6822.567	8.26E-13
7.57E-30	9.02E-13	-7444.292	

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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 UEO01 ----- MAX			

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.36E-12	-9092.967	1.10E-12
1.36E-29	1.18E-12	-9772.472	
0.25000	-2.36E-12	-9087.108	1.10E-12
1.36E-29	1.15E-12	-9488.408	
0.50000	-2.36E-12	-9081.248	1.10E-12
1.36E-29	1.11E-12	-9204.528	
0.75000	-2.36E-12	-9075.389	1.10E-12
1.36E-29	1.08E-12	-8920.830	
1.00000	-2.36E-12	-9069.529	1.10E-12
1.36E-29	1.05E-12	-8637.316	

COMB UEO01 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.36E-12	-9092.967	1.10E-12
1.36E-29	1.18E-12	-9772.472	
0.25000	-2.36E-12	-9087.108	1.10E-12
1.36E-29	1.15E-12	-9488.408	
0.50000	-2.36E-12	-9081.248	1.10E-12
1.36E-29	1.11E-12	-9204.528	
0.75000	-2.36E-12	-9075.389	1.10E-12
1.36E-29	1.08E-12	-8920.830	
1.00000	-2.36E-12	-9069.529	1.10E-12
1.36E-29	1.05E-12	-8637.316	

COMB UEO02 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.36E-12	-5708.910	6.91E-13
0.00000	7.45E-13	-6154.915	
0.25000	-2.36E-12	-5703.051	6.91E-13
0.00000	7.24E-13	-5976.603	
0.50000	-2.36E-12	-5697.191	6.90E-13
0.00000	7.02E-13	-5798.474	
0.75000	-2.36E-12	-5691.332	6.89E-13
0.00000	6.81E-13	-5620.528	
1.00000	-2.36E-12	-5685.472	6.89E-13
0.00000	6.59E-13	-5442.766	

COMB UEO03 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	282.869600	-5708.910	6.91E-13
8.20E-30	8.65E-13	-7143.969	
0.25000	282.869600	-5703.051	6.91E-13
8.20E-30	8.44E-13	-6945.191	
0.50000	282.869600	-5697.191	6.90E-13
8.20E-30	8.22E-13	-6787.528	
0.75000	282.869600	-5691.332	6.89E-13
8.20E-30	8.00E-13	-6609.583	
1.00000	282.869600	-5685.472	6.89E-13
0.00000	6.59E-13	-5442.766	

COMB UEO03 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	282.869600	-5708.910	6.91E-13
8.20E-30	8.65E-13	-7143.969	
0.25000	282.869600	-5703.051	6.91E-13
8.20E-30	8.44E-13	-6945.191	
0.50000	282.869600	-5697.191	6.90E-13
8.20E-30	8.22E-13	-6787.528	
0.75000	282.869600	-5691.332	6.89E-13
8.20E-30	8.00E-13	-6609.583	
1.00000	282.869600	-5685.472	6.89E-13
0.00000	6.59E-13	-5442.766	

8.20E-30	7.79E-13	-6431.820	
COMB UEO03 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	282.869600	-5708.910	6.91E-13
8.20E-30	8.65E-13	-7143.969	
0.25000	282.869600	-5703.051	6.91E-13
8.20E-30	8.44E-13	-6945.191	
0.50000	282.869600	-5697.191	6.90E-13
8.20E-30	8.22E-13	-6787.528	
0.75000	282.869600	-5691.332	6.89E-13
8.20E-30	8.00E-13	-6609.583	
1.00000	282.869600	-5685.472	6.89E-13
8.20E-30	7.79E-13	-6431.820	
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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 UEO04 ----- MAX			

REL DIST	P	V2	V3
T	M2	M3	
0.00000	175.234800	-7755.084	9.39E-13
4.10E-30	1.09E-12	-9034.346	
0.25000	175.234800	-7749.225	9.38E-13
4.10E-30	1.06E-12	-8792.091	
0.50000	175.234800	-7743.365	9.38E-13
4.10E-30	1.04E-12	-8550.020	
0.75000	175.234800	-7737.506	9.37E-13
4.10E-30	1.01E-12	-8308.131	
1.00000	175.234800	-7731.646	9.36E-13
4.10E-30	9.77E-13	-8066.425	

COMB UEO04 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	175.234800	-7755.084	9.39E-13
4.10E-30	1.09E-12	-9034.346	
0.25000	175.234800	-7749.225	9.38E-13
4.10E-30	1.06E-12	-8792.091	
0.50000	175.234800	-7743.365	9.38E-13
4.10E-30	1.04E-12	-8550.020	
0.75000	175.234800	-7737.506	9.37E-13
4.10E-30	1.01E-12	-8308.131	
1.00000	175.234800	-7731.646	9.36E-13
4.10E-30	9.77E-13	-8066.425	

COMB UEO05 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	175.234800	-5708.910	6.91E-13
4.10E-30	8.29E-13	-6846.986	
0.25000	175.234800	-5703.051	6.91E-13
4.10E-30	8.08E-13	-6668.674	
0.50000	175.234800	-5697.191	6.90E-13
4.10E-30	7.86E-13	-6490.545	
0.75000	175.234800	-5691.332	6.89E-13
4.10E-30	7.64E-13	-6312.600	
1.00000	175.234800	-5685.472	6.89E-13
4.10E-30	7.43E-13	-6134.837	

COMB UEO05 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	175.234800	-5708.910	6.91E-13
4.10E-30	8.29E-13	-6846.986	
0.25000	175.234800	-5703.051	6.91E-13
4.10E-30	8.08E-13	-6668.674	
0.50000	175.234800	-5697.191	6.90E-13
4.10E-30	7.86E-13	-6490.545	
0.75000	175.234800	-5691.332	6.89E-13
4.10E-30	7.64E-13	-6312.600	
1.00000	175.234800	-5685.472	6.89E-13
4.10E-30	7.43E-13	-6134.837	

COMB UEO06 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.05E-10	-7755.084	9.39E-13
2.05E-30	1.01E-12	-8342.275	
0.25000	-3.05E-10	-7749.225	9.38E-13
2.05E-30	9.81E-13	-8100.020	
0.50000	-3.05E-10	-7743.365	9.38E-13
2.05E-30	9.52E-13	-7857.949	
0.75000	-3.05E-10	-7737.506	9.37E-13
2.05E-30	9.22E-13	-7616.060	
1.00000	-3.05E-10	-7731.646	9.36E-13
2.05E-30	8.93E-13	-7374.354	

COMB UEO06 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.05E-10	-7755.084	9.39E-13
2.05E-30	1.01E-12	-8342.275	
0.25000	-3.05E-10	-7749.225	9.38E-13
2.05E-30	9.81E-13	-8100.020	
0.50000	-3.05E-10	-7743.365	9.38E-13
2.05E-30	9.52E-13	-7857.949	
0.75000	-3.05E-10	-7737.506	9.37E-13
2.05E-30	9.22E-13	-7616.060	
1.00000	-3.05E-10	-7731.646	9.36E-13
2.05E-30	8.93E-13	-7374.354	

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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 UEO07 ----- MAX			

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.36E-12	-7755.084	9.39E-13
8.20E-30	1.01E-12	-8342.275	
0.25000	-2.36E-12	-7749.225	9.38E-13
8.20E-30	9.81E-13	-8100.020	
0.50000	-2.36E-12	-7743.365	9.38E-13
8.20E-30	9.52E-13	-7857.949	
0.75000	-2.36E-12	-7737.506	9.37E-13
8.20E-30	9.22E-13	-7616.060	
1.00000	-2.36E-12	-7731.646	9.36E-13
8.20E-30	8.93E-13	-7374.354	

-8.20E-30	9.22E-13	-7616.060	
1.00000	-2.36E-12	-7731.646	9.3

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.36E-12	-7755.084	9.39E-13
-8.20E-30	1.01E-12	-8342.275	
0.25000	-2.36E-12	-7749.225	9.38E-13
-8.20E-30	9.81E-13	-8100.020	
0.50000	-2.36E-12	-7743.365	9.38E-13
-8.20E-30	9.52E-13	-7857.948	
0.75000	-2.36E-12	-7737.506	9.37E-13
-8.20E-30	9.22E-13	-7616.060	
1.00000	-2.36E-12	-7731.646	9.36E-13
-8.20E-30	8.93E-13	-7374.354	

COMB UEO17 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.36E-12	-7755.084	9.39E-13
-8.20E-30	1.01E-12	-8342.275	
0.25000	-2.36E-12	-7749.225	9.38E-13
-8.20E-30	9.81E-13	-8100.020	
0.50000	-2.36E-12	-7743.365	9.38E-13
-8.20E-30	9.52E-13	-7857.948	
0.75000	-2.36E-12	-7737.506	9.37E-13
-8.20E-30	9.22E-13	-7616.060	
1.00000	-2.36E-12	-7731.646	9.36E-13
-8.20E-30	8.93E-13	-7374.354	

COMB UEO18 ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	261.110400	-5138.019	6.22E-13
7.57E-30	7.81E-13	-6452.397	
0.25000	261.110400	-5132.746	6.22E-13
7.57E-30	7.62E-13	-6291.916	
0.50000	261.110400	-5127.472	6.21E-13
7.57E-30	7.43E-13	-6131.600	
0.75000	261.110400	-5122.199	6.20E-13
7.57E-30	7.23E-13	-5971.449	
1.00000	261.110400	-5116.925	6.20E-13
7.57E-30	7.04E-13	-5811.463	

COMB UEO18 ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	261.110400	-5138.019	6.22E-13
7.57E-30	7.81E-13	-6452.397	
0.25000	261.110400	-5132.746	6.22E-13
7.57E-30	7.62E-13	-6291.916	
0.50000	261.110400	-5127.472	6.21E-13
7.57E-30	7.43E-13	-6131.600	
0.75000	261.110400	-5122.199	6.20E-13
7.57E-30	7.23E-13	-5971.449	
1.00000	261.110400	-5116.925	6.20E-13
7.57E-30	7.04E-13	-5811.463	

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FRAME ELEMENT INTERNAL FORCES

COMB ENVBULT ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10805.640		1.31E-12
-1.36E-29	1.41E-12	-11618.946	
0.25000	-10798.023		1.31E-12
-1.36E-29	1.37E-12	-11281.389	
0.50000	-10790.406		1.31E-12
-1.36E-29	1.33E-12	-10944.070	
0.75000	-10782.788		1.31E-12
-1.36E-29	1.28E-12	-10606.989	
1.00000	-10775.171		1.30E-12
-1.36E-29	1.24E-12	-10270.145	

COMB ENVBULT ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10805.640		1.31E-12
-1.36E-29	1.41E-12	-11618.946	
0.25000	-10798.023		1.31E-12
-1.36E-29	1.37E-12	-11281.389	
0.50000	-10790.406		1.31E-12
-1.36E-29	1.33E-12	-10944.070	
0.75000	-10782.788		1.31E-12
-1.36E-29	1.28E-12	-10606.989	
1.00000	-10775.171		1.30E-12
-1.36E-29	1.24E-12	-10270.145	

COMB ENVBECC ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5708.910		1.10E-12
0.00000	1.18E-12	-6154.915	
0.25000	-5703.051		1.10E-12
0.00000	1.15E-12	-5976.803	
0.50000	-5697.191		1.10E-12
0.00000	1.11E-12	-5798.474	
0.75000	-5691.332		1.10E-12
0.00000	1.08E-12	-5620.528	
0.00000	1.05E-12	-5442.766	

COMB ENVBECC ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9092.967		6.91E-13
-1.36E-29	7.45E-13	-9772.472	
0.25000	-9087.108		6.90E-13
-1.36E-29	7.24E-13	-9488.408	
0.50000	-9081.248		6.89E-13
-1.36E-29	7.02E-13	-9204.528	
0.75000	-9075.389		6.89E-13
-1.36E-29	6.81E-13	-8920.830	
1.00000	-9069.529		6.89E-13
-1.36E-29	6.59E-13	-8637.316	

COMB ENVOULT ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10805.640		1.31E-12
-1.36E-29	1.41E-12	-11618.946	
0.25000	-10798.023		1.31E-12
-1.36E-29	1.37E-12	-11281.389	
0.50000	-10790.406		1.31E-12
-1.36E-29	1.33E-12	-10944.070	
0.75000	-10782.788		1.31E-12
-1.36E-29	1.28E-12	-10606.989	
1.00000	-10775.171		1.30E-12
-1.36E-29	1.24E-12	-10270.145	

COMB ENVOULT ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10805.640		1.31E-12
-1.36E-29	1.41E-12	-11618.946	
0.25000	-10798.023		1.31E-12
-1.36E-29	1.37E-12	-11281.389	

0.50000	-2.36E-12	-10790.406	1.31E-12
-1.36E-29	1.33E-12	-10944.070	
0.75000	-2.36E-12	-10782.788	1.31E-12
-1.36E-29	1.28E-12	-10606.989	
1.00000	-2.36E-12	-10775.171	1.30E-12
-1.36E-29	1.24E-12	-10270.145	

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FRAME ELEMENT INTERNAL FORCES

COMB ENVOECC ----- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5708.910		1.10E-12
0.00000	1.18E-12	-6154.915	
0.25000	-5703.051		1.10E-12
0.00000	1.15E-12	-5976.803	
0.50000	-5697.191		1.10E-12
0.00000	1.11E-12	-5798.474	
0.75000	-5691.332		1.10E-12
0.00000	1.08E-12	-5620.528	
1.00000	-5685.472		1.10E-12
0.00000	1.05E-12	-5442.766	

COMB ENVOECC ----- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9092.967		6.91E-13
-1.36E-29	7.45E-13	-9772.472	
0.25000	-9087.108		6.91E-13
-1.36E-29	7.24E-13	-9488.408	
0.50000	-9081.248		6.90E-13
-1.36E-29	7.02E-13	-9204.528	
0.75000	-9075.389		6.89E-13
-1.36E-29	6.81E-13	-8920.830	
1.00000	-9069.529		6.89E-13
-1.36E-29	6.59E-13	-8637.316	

ELEM 17 ----- LENGTH =

0.944000

LOAD D1 -----

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.64E-12	-5685.472	6.89E-13
-2.05E-29	6.59E-13	-5442.766	
0.25000	-3.64E-12	-5642.059	6.83E-13
-2.05E-29	4.97E-13	-4106.150	
0.50000	-3.64E-12	-5600.318	6.78E-13
-2.05E-29	3.37E-13	-2779.583	
0.75000	-3.64E-12	-5560.249	6.73E-13
-2.05E-29	1.77E-13	-1462.669	
1.00000	-3.64E-12	-5521.854	6.69E-13
-2.05E-29	1.88E-14	-155.013232	

LOAD L1 -----

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.09E-13	-1573.980	1.91E-13
-1.97E-30	1.80E-13	-1485.837	
0.25000	-9.09E-13	-1573.980	1.91E-13
-1.97E-30	1.35E-13	-1114.378	
0.50000	-9.09E-13	-1573.980	1.91E-13
-1.97E-30	9.00E-14	-742.918560	
0.75000	-9.09E-13	-1573.980	1.91E-13
-1.97E-30	4.50E-14	-371.459280	
1.00000	-9.09E-13	-1573.980	1.91E-13
-1.97E-30	1.00E-28	-1.82E-12	

LOAD W-LO -----

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.16E-30	-1.82E-15	-14.998500
0.00000	-17.185778	-2.08E-15	-13.261953
0.25000	-3.16E-30	-1.82E-15	-11.592312
0.00000	-13.852360	-1.68E-15	-9.989577
0.50000	-3.16E-30	-1.40E-15	-8.453748
0.00000	-10.920873	-1.32E-15	
0.75000	-3.16E-30	-1.21E-15	
0.00000	-8.375526	-1.01E-15	
1.00000	-3.16E-30	-1.02E-15	
0.00000	-6.200529	-7.51E-16	

LOAD G-LO2 -----

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.26E-29	-3.04E-14	-265.526000
-400.014000	-250.656544	-3.22E-14	-265.526000
0.25000	-1.26E-29	-3.22E-14	-265.526000
-400.014000	-187.992408	-2.28E-14	-265.526000
0.50000	-1.26E-29	-3.22E-14	-265.526000
-400.014000	-125.328272	-1.52E-14	-265.526000

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FRAME ELEMENT INTERNAL FORCES

REL DIST T P M2 M3 V2 V3

0.75000	-1.26E-29	-3.22E-14	-265.526000	
-400.014000	-62.664136	-7.59E-15	-265.526000	
1.00000	-1.26E-29	-3.22E-14	-265.526000	
-400.014000	-1.51E-11	-3.62E-27		

LOAD E-LO -----

REL DIST	P	V2	V3
T	M2	M3	
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
0.00000	0.00000	0.00000	0.00000
0.75000	0.00000	0.00000	0.00000
0.00000	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	
0.00000	217.592000	0.00000	-2.02E-28
-3.16E-30	9.21E-14	-760.811000	
0.25000	217.592000	0.00000	-2.02E-28
-3.16E-30	9.21E-14	-760.811000	
0.50000	217.592000	0.00000	-2.02E-28
-3.16E-30	9.21E-14	-760.811000	
0.75000	217.592000	0.00000	-2.02E-28
-3.16E-30	9.21E-14	-760.811000	
1.00000	217.592000	0.00000	-2.02E-28
-3.16E-30	9.21E-14	-760.811000	

LOAD	WL -----			
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	26.000000	0.00000	0.00000	
-5.92E-31	1.84E-14	-151.957000		
0.25000	26.000000	0.00000	0.00000	
-5.92E-31	1.84E-14	-151.957000		
0.50000	26.000000	0.00000	0.00000	
-5.92E-31	1.84E-14	-151.957000		
0.75000	26.000000	0.00000	0.00000	
-5.92E-31	1.84E-14	-151.957000		
1.00000	26.000000	0.00000	0.00000	
-5.92E-31	1.84E-14	-151.957000		

REL DIST	P	V2	V3	COMB	SVB12	-----	MAX	-3.09E-29	9.37E-13	-7733.907		-520.018200	-325.853507	-9007.184	
T	M2	M3		REL DIST	P	V2	V3	0.00000	-6.68E-12	-10664.702	1.29E-12	0.25000	-5.91E-12	-9380.850	
0.00000	-4.55E-12	-7259.452	8.79E-13	0.00000	M2	M3		-3.09E-29	6.31E-13	-5210.732		-520.018200	-244.390130	-6786.686	
2.25E-29	3.39E-12	-6928.603		-400.014000	-259.249433	-6928.603	-273.025250	0.75000	-6.68E-12	-10612.381	1.29E-12	0.50000	5.91E-12	-9326.587	
0.25000	-4.55E-12	-7216.039	8.74E-13	0.25000	-4.55E-12	-7216.039	-272.156977	-3.09E-29	3.27E-13	-2700.107		-520.018200	-162.926754	-4579.251	
-2.25E-29	6.32E-13	-5220.528		-400.014000	-194.918588	-5220.528		1.00000	-6.68E-12	-10562.467	1.28E-12	0.75000	-5.91E-12	-9274.498	
0.50000	-4.55E-12	-7174.298	8.69E-13	0.50000	-4.55E-12	-7174.298	-271.322156	-3.09E-29	2.44E-14	-201.517202		-520.018200	-81.463377	-2384.366	
-2.25E-29	4.27E-13	-3522.501		-400.014000	-130.788708	-3522.501		COMB	ULB02	-----	MAX	1.00000	-5.91E-12	-9224.584	
0.75000	-4.55E-12	-7134.229	8.64E-13	0.75000	-4.55E-12	-7134.229	-270.520789	REL DIST	P	V2	V3	COMB	ULB06	-----	MIN
-2.25E-29	2.22E-13	-1834.229		-400.014000	-66.851899	-1834.128		T	M2	M3		REL DIST	P	V2	V3
1.00000	-4.55E-12	-7095.834	8.59E-13	1.00000	-4.55E-12	-7095.834	-269.752874	0.00000	-4.73E-12	-7391.114	8.95E-13	0.00000	-5.91E-12	-9437.288	
-2.25E-29	1.88E-14	-155.013232		-400.014000	-3.100265	-155.013232		-2.67E-29	8.57E-13	-7075.596		-520.018200	-325.853507	-9007.184	
COMB	SVB08	-----	MAX	COMB	SVB12	-----	MIN	-2.67E-29	4.73E-12	-7334.676	8.88E-13	0.25000	-5.91E-12	-9380.850	
REL DIST	P	V2	V3	REL DIST	P	V2	V3	0.50000	-4.73E-12	-7280.413	8.82E-13	0.25000	-5.91E-12	-9380.850	
T	M2	M3		T	M2	M3		-2.67E-29	4.38E-13	-3613.457		-520.018200	-244.390130	-6786.686	
0.00000	-3.64E-12	-5685.472	-265.526000	0.00000	-4.55E-12	-7259.452	-273.025250	0.75000	-4.73E-12	-7228.324	8.75E-13	0.50000	-5.91E-12	-9326.587	
-400.014000	-250.656544	-5442.766		-400.014000	-259.249433	-6928.603		-2.67E-29	2.30E-13	-1901.469	8.69E-13	-520.018200	-162.926754	-4579.251	
0.25000	-3.64E-12	-5642.059	-265.526000	0.25000	-4.55E-12	-7216.039	-272.156977	1.00000	-4.73E-12	-7178.410		0.75000	5.91E-12	-9274.498	
-400.014000	-187.992408	-4106.150		-400.014000	-194.918588	-5220.528		COMB	ULB02	-----	MIN	-520.018200	-81.463377	-2384.366	
0.50000	-3.64E-12	-5600.318	-265.526000	-400.014000	-130.788708	-3522.501		REL DIST	P	V2	V3	COMB	ULB07	-----	MAX
-400.014000	-125.328272	-2779.583		0.50000	-4.55E-12	-7174.298	-271.322156	T	M2	M3		REL DIST	P	V2	V3
0.75000	-3.64E-12	-5560.249	-265.526000	-400.014000	-66.851899	-1834.128		0.00000	-4.73E-12	-7391.114	8.95E-13	0.00000	-5.91E-12	-9437.288	
-400.014000	-62.664136	-1462.669		0.25000	-4.55E-12	-7174.298	-270.520789	-2.67E-29	4.38E-13	-3613.457		-2.92E-29	1.09E-12	-9007.184	
1.00000	-3.64E-12	-5521.854	-265.526000	-400.014000	-3.100265	-155.013232		0.25000	-4.73E-12	-7334.676	8.88E-13	0.25000	-5.91E-12	-9380.850	
-400.014000	-1.51E-11	-155.013232		COMB	SVB08	-----	MIN	-2.67E-29	4.38E-13	-3613.457		0.25000	-5.91E-12	-9380.850	
REL DIST	P	V2	V3	REL DIST	P	V2	V3	0.50000	-4.73E-12	-7280.413	8.82E-13	0.25000	-5.91E-12	-9380.850	
T	M2	M3		T	M2	M3		-2.67E-29	4.38E-13	-3613.457		-2.92E-29	1.09E-12	-9007.184	
0.00000	-3.64E-12	-5685.472	-265.526000	0.00000	-4.55E-12	-7259.452	-7.499250	-2.67E-29	2.30E-13	-1901.469	8.75E-13	0.50000	-5.91E-12	-9326.587	
-400.014000	-250.656544	-5442.766		-2.25E-29	-8.592889	-6928.603	-6.630976	1.00000	-4.73E-12	-7178.410	8.69E-13	0.75000	-5.91E-12	-9274.498	
0.25000	-3.64E-12	-5642.059	-265.526000	0.25000	-4.55E-12	-7216.039	-6.630976	-2.67E-29	2.44E-14	-201.517202		-2.92E-29	2.89E-13	-2384.366	
-400.014000	-187.992408	-4106.150		-2.25E-29	-6.926180	-5220.528	-5.796156	Program	SAP2000	Nonlinear	Version 7.42	1.00000	-5.91E-12	-9224.584	
0.50000	-3.64E-12	-5600.318	-265.526000	0.50000	-4.55E-12	-7174.298	-5.796156	File:청도1교하행_P9_본세.OUT				-2.92E-29	2.44E-14	-201.517202	
-400.014000	-125.328272	-2779.583		0.75000	-4.55E-12	-7174.298	-269.752874	Page				COMB	ULB07	-----	MIN
0.75000	-3.64E-12	-5560.249	-265.526000	-2.25E-29	-5.460436	-3522.501	-4.994788	: AAbutPier	SAP2000	6-7	데이타파일 : 교각 본세	REL DIST	P	V2	V3
-400.014000	-62.664136	-1462.669		0.75000	-4.55E-12	-7134.229	-4.994788	786				T	M2	M3	
1.00000	-3.64E-12	-5521.854	-265.526000	-2.25E-29	-4.187763	-1834.128	-4.226874	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			
-400.014000	-1.51E-11	-155.013232		1.00000	-4.55E-12	-7095.834	-4.226874	COMB	ULB03	-----	MAX	0.00000	-5.91E-12	-9437.288	
Program	SAP2000	Nonlinear	Version 7.42	-2.25E-29	-3.100265	-155.013232		REL DIST	P	V2	V3	-2.92E-29	1.09E-12	-9007.184	
File:청도1교하행_P9_본세.OUT				COMB	SVB13	-----	MIN	T	M2	M3		0.25000	-5.91E-12	-9380.850	
REL DIST	P	V2	V3	REL DIST	P	V2	V3	0.00000	-4.73E-12	-7391.114	-19.498050	-2.92E-29	8.22E-13	-6786.686	
T	M2	M3		T	M2	M3		-2.67E-29	4.38E-13	-3613.457		0.50000	-5.91E-12	-9326.587	
0.00000	-3.64E-12	-5685.472	-265.526000	0.00000	-4.55E-12	-7259.452	-7.499250	-2.67E-29	2.30E-13	-1901.469	8.75E-13	-2.92E-29	5.55E-13	-4579.251	
-400.014000	-250.656544	-5442.766		-2.25E-29	-8.592889	-6928.603	-6.630976	1.00000	-4.73E-12	-7178.410	8.69E-13	0.75000	-5.91E-12	-9274.498	
0.25000	-3.64E-12	-5642.059	-265.526000	0.25000	-4.55E-12	-7216.039	-6.630976	COMB	ULB03	-----	MAX	-2.92E-29	2.89E-13	-2384.366	
-400.014000	-187.992408	-4106.150		-2.25E-29	-6.926180	-5220.528	-5.796156	REL DIST	P	V2	V3	1.00000	-5.91E-12	-9224.584	
0.50000	-3.64E-12	-5600.318	-265.526000	0.50000	-4.55E-12	-7174.298	-5.796156	T	M2	M3		-2.92E-29	2.44E-14	-201.517202	
-400.014000	-125.328272	-2779.583		-2.25E-29	-5.460436	-3522.501	-4.994788	0.00000	-4.73E-12	-7391.114	8.95E-13	0.00000	-5.91E-12	-9437.288	
0.75000	-3.64E-12	-5560.249	-265.526000	0.75000	-4.55E-12	-7134.229	-4.994788	-2.67E-29	4.38E-13	-3613.457		-2.92E-29	1.09E-12	-9007.184	
-400.014000	-62.664136	-1462.669		-2.25E-29	-4.187763	-1834.128	-4.226874	0.25000	-4.73E-12	-7334.676	8.88E-13	0.25000	-5.91E-12	-9380.850	
1.00000	-3.64E-12	-5521.854	-265.526000	-2.25E-29	-3.100265	-155.013232		-2.67E-29	4.38E-13	-3613.457		0.25000	-5.91E-12	-9380.850	
-400.014000	-1.51E-11	-155.013232		COMB	SVB14	-----	MIN	-2.67E-29	4.38E-13	-3613.457		-2.92E-29	1.09E-12	-9007.184	
REL DIST	P	V2	V3	REL DIST	P	V2	V3	-2.67E-29	2.30E-13	-1901.469	8.75E-13	0.50000	-5.91E-12	-9326.587	
T	M2	M3		T	M2	M3		1.00000	-4.73E-12	-7178.410	8.69E-13	0.75000	-5.91E-12	-9274.498	
0.00000	-3.64E-12	-5685.472	6.89E-13	0.00000	-3.64E-12	-5685.472	-273.025250	COMB	ULB03	-----	MIN	-520.018200	-81.463377	-2384.366	
-2.05E-29	6.59E-13	-5442.766	6.89E-13	-400.014000	-259.249433	-5442.766		REL DIST	P	V2	V3	0.50000	-5.91E-12	-9326.587	
0.25000	-3.64E-12	-5642.059	6.83E-13	0.25000	-3.64E-12	-5642.059	-272.156977	T	M2	M3		-2.92E-29	5.55E-13	-4579.251	
-2.05E-29	4.97E-13	-4106.150	6.78E-13	-400.014000	-194.918588	-5220.528		0.00000	-4.73E-12	-7391.114	-19.498050	0.75000	-5.91E-12	-9274.498	
0.50000	-3.64E-12	-5600.318	6.78E-13	-400.014000	-130.788708	-2779.583		-2.67E-29	2.30E-13	-1901.469	8.75E-13	-2.92E-29	2.89E-13	-2384.366	
-2.05E-29	3.37E-13	-2779.583	6.73E-13	0.75000	-3.64E-12	-5560.249	-270.520789	-2.67E-29	4.38E-13	-3613.457		1.00000	-5.91E-12	-9224.584	
0.75000	-3.64E-12	-5560.249	6.73E-13	-400.014000	-66.851899	-1834.128		COMB	ULB04	-----	MAX	-2.92E-29	2.44E-14	-201.517202	
-2.05E-29	1.77E-13	-1462.669	6.69E-13	-400.014000	-3.64E-12	-5521.854	-269.752874	REL DIST	P	V2	V3	REL DIST	P	V2	V3
1.00000	-3.64E-12	-5521.854	6.69E-13	-400.014000	-3.100265	-155.013232		T	M2	M3		T	M2	M3	
-2.05E-29	1.88E-14	-155.013232		COMB	SVB14	-----	MIN	0.00000	-4.73E-12	-7391.114	8.95E-13	-520.018200	-325.853507	-9007.184	
REL DIST	P	V2	V3	REL DIST	P	V2	V3	-2.67E-29	4.38E-13	-3613.457		-520.018200	-244.390130	-6786.686	
T	M2	M3		T	M2	M3		0.25000	-4.73E-12	-7334.676	8.88E-13	0.25000	-5.91E-12	-9380.850	
0.00000	-3.64E-12	-5685.472	6.89E-13	0.00000	-3.64E-12	-5685.472	-273.025250	-2.67E-29	4.38E-13	-3613.457		0.25000	-5.91E-12	-9380.850	
-2.05E-29	6.59E-13	-5442.766	6.89E-13	-400.014000	-259.249433	-5442.766		0.50000	-4.73E-12	-7280.413	8.82E-13	-2.92E-29	1.09E-12	-9007.184	
0.25000	-3.64E-12	-5642.059	6.83E-13	0.25000	-3.64E-12	-5642.059	-272.156977	-2.67E-29	2.30E-13	-1901.469	8.75E-13	0.50000	-5.91E-12	-9326.587	
-2.05E-29	4.97E-13	-4106.150	6.78E-13	-400.014000	-194.918588	-5220.528		1.00000	-4.73E-12	-7178.410	8.69E-13	0.75000	-5.91E-12	-9274.498	
0.50000	-3.64E-12	-5600.318	6.78E-13	-400.014000	-130.788708	-2779.583		COMB	ULB04	-----	MAX	-520.018200	-81.463377	-2384.366	
-2.05E-29	3.37E-13	-2779.583	6.73E-13	0.75000	-3.64E-12	-5560.249	-270.520789	REL DIST	P	V2	V3	0.50000	-5.91E-12	-9326.587	
0.75000	-3.64E-12	-5560.249	6.73E-13	-400.014000	-66.851899	-1834.128		T	M2	M3		-2.92E-29	5.55E-13	-4579.251	
-2.05E-29	1.77E-13														

-1.95E-29 -17.315450 -3900.843 -14.490390
0.50000 -3.46E-12 -5320.302
-1.95E-29 -13.651091 -2640.603 -12.486971
0.75000 -3.46E-12 -5282.237
-1.95E-29 -10.469407 -1389.535
1.00000 -3.46E-12 -5245.761 -10.567185
-1.95E-29 -17.750662 -147.262571

COMB UEB11 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -3.46E-12 -5401.199 -18.748125
-1.95E-29 -21.482222 -5170.628
0.25000 -3.46E-12 -5359.956 -16.577441
-1.95E-29 -17.315450 -3900.843
0.50000 -3.46E-12 -5320.302 -14.490390
-1.95E-29 -13.651091 -2640.603
0.75000 -3.46E-12 -5282.237 -12.486971
-1.95E-29 -10.469407 -1389.535
1.00000 -3.46E-12 -5245.761 -10.567185
-1.95E-29 -17.750662 -147.262571
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FRAME ELEMENT INTERNAL FORCES

COMB UEB12 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 -4.59E-12 -7368.674 -341.281563
-500.017500 -324.061791 -7027.924
0.25000 -4.59E-12 -7327.431 -340.196221
-500.017500 -243.648235 -5293.815
0.50000 -4.59E-12 -7287.777 -339.152695
-500.017500 -163.485886 -3569.252
0.75000 -4.59E-12 -7249.712 -338.150986
-500.017500 -83.564874 -1853.859
1.00000 -4.59E-12 -7213.236 -337.191093
-500.017500 -3.875331 -147.262571

COMB UEB12 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -4.59E-12 -7368.674 -341.281563
-500.017500 -324.061791 -7027.924
0.25000 -4.59E-12 -7327.431 -340.196221
-500.017500 -243.648235 -5293.815
0.50000 -4.59E-12 -7287.777 -339.152695
-500.017500 -163.485886 -3569.252
0.75000 -4.59E-12 -7249.712 -338.150986
-500.017500 -83.564874 -1853.859
1.00000 -4.59E-12 -7213.236 -337.191093
-500.017500 -3.875331 -147.262571

COMB UEB13 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 -4.59E-12 -7368.674 -9.374062
-2.20E-29 -10.741111 -7027.924
0.25000 -4.59E-12 -7327.431 -8.288721
-2.20E-29 -8.657725 -5293.815
0.50000 -4.59E-12 -7287.777 -8.245195
-2.20E-29 -6.825546 -3569.252
0.75000 -4.59E-12 -7249.712 -6.243486
-2.20E-29 -5.234704 -1853.859
1.00000 -4.59E-12 -7213.236 -5.283592
-2.20E-29 -3.875331 -147.262571

COMB UEB13 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -4.59E-12 -7368.674 -9.374062
-2.20E-29 -10.741111 -7027.924
0.25000 -4.59E-12 -7327.431 -8.288721
-2.20E-29 -8.657725 -5293.815
0.50000 -4.59E-12 -7287.777 -8.245195
-2.20E-29 -6.825546 -3569.252
0.75000 -4.59E-12 -7249.712 -6.243486
-2.20E-29 -5.234704 -1853.859
1.00000 -4.59E-12 -7213.236 -5.283592
-2.20E-29 -3.875331 -147.262571

COMB UEB14 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 -3.46E-12 -5401.199 -341.281563
-500.017500 -324.061791 -5170.628
0.25000 -3.46E-12 -5359.956 -340.196221
-500.017500 -243.648235 -3900.843
0.50000 -3.46E-12 -5320.302 -339.152695
-500.017500 -163.485886 -2640.603
0.75000 -3.46E-12 -5282.237 -338.150986
-500.017500 -83.564874 -1389.535
1.00000 -3.46E-12 -5245.761 -337.191093
-500.017500 -3.875331 -147.262571

COMB UEB14 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -3.46E-12 -5401.199 -341.281563
-500.017500 -324.061791 -5170.628
0.25000 -3.46E-12 -5359.956 -340.196221
-500.017500 -243.648235 -3900.843
0.50000 -3.46E-12 -5320.302 -339.152695
-500.017500 -163.485886 -2640.603
0.75000 -3.46E-12 -5282.237 -338.150986
-500.017500 -83.564874 -1389.535
1.00000 -3.46E-12 -5245.761 -337.191093
-500.017500 -3.875331 -147.262571
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FRAME ELEMENT INTERNAL FORCES

COMB UEB15 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 -3.46E-12 -5401.199 -9.374062
-1.95E-29 -10.741111 -5170.628
0.25000 -3.46E-12 -5359.956 -8.288721
-1.95E-29 -8.657725 -3900.843
0.50000 -3.46E-12 -5320.302 -7.245195
-1.95E-29 -6.825546 -2640.603
0.75000 -3.46E-12 -5282.237 -6.243486
-1.95E-29 -5.234704 -1389.535
1.00000 -3.46E-12 -5245.761 -5.283592
-1.95E-29 -3.875331 -147.262571

COMB UEB15 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -3.46E-12 -5401.199 -9.374062

-1.95E-29 -10.741111 -5170.628
0.25000 -3.46E-12 -5359.956 -8.288721
-1.95E-29 -8.657725 -3900.843 -7.245195
-1.95E-29 -6.825546 -2640.603
0.75000 -3.46E-12 -5282.237 -6.243486
-1.95E-29 -5.234704 -1389.535
1.00000 -3.46E-12 -5245.761 -5.283592
-1.95E-29 -3.875331 -147.262571

COMB UEB16 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 -3.46E-12 -5685.472 6.89E-13
-2.05E-29 6.59E-13 -5442.766 6.83E-13
0.25000 6.59E-13 -5442.766 6.89E-13
0.50000 -3.46E-12 -5642.059 6.83E-13
-2.05E-29 4.97E-13 -4106.150 6.78E-13
0.50000 -3.46E-12 -5600.318 6.78E-13
-2.05E-29 3.37E-13 -2779.583 6.73E-13
0.75000 -3.46E-12 -5560.249 6.73E-13
-2.05E-29 1.77E-13 -1462.669 6.69E-13
1.00000 -3.46E-12 -5521.854
-2.05E-29 1.88E-14 -155.013232

COMB UEB16 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -3.46E-12 -5685.472 6.89E-13
-2.05E-29 6.59E-13 -5442.766 6.83E-13
0.25000 -3.46E-12 -5642.059 6.89E-13
-2.05E-29 4.97E-13 -4106.150 6.78E-13
0.50000 -3.46E-12 -5600.318 6.78E-13
-2.05E-29 3.37E-13 -2779.583 6.73E-13
0.75000 -3.46E-12 -5560.249 6.73E-13
-2.05E-29 1.77E-13 -1462.669 6.69E-13
1.00000 -3.46E-12 -5521.854
-2.05E-29 1.88E-14 -155.013232

COMB UEB17 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 -4.82E-12 -7731.646 9.36E-13
-2.31E-29 8.93E-13 -7374.354 9.31E-13
0.25000 -4.82E-12 -7688.233 9.26E-13
-2.31E-29 6.73E-13 -5554.841 9.26E-13
0.50000 -4.82E-12 -7646.492 9.26E-13
-2.31E-29 4.54E-13 -3745.377 9.21E-13
0.75000 -4.82E-12 -7606.423 9.21E-13
-2.31E-29 2.36E-13 -1945.566 9.17E-13
1.00000 -4.82E-12 -7568.028 9.17E-13
-2.31E-29 1.88E-14 -155.013232

COMB UEB17 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -4.82E-12 -7731.646 9.36E-13
-2.31E-29 8.93E-13 -7374.354 9.31E-13
0.25000 -4.82E-12 -7688.233 9.26E-13
-2.31E-29 6.73E-13 -5554.841 9.26E-13
0.50000 -4.82E-12 -7646.492 9.26E-13
-2.31E-29 4.54E-13 -3745.377 9.21E-13
0.75000 -4.82E-12 -7606.423 9.21E-13
-2.31E-29 2.36E-13 -1945.566 9.17E-13
1.00000 -4.82E-12 -7568.028 9.17E-13
-2.31E-29 1.88E-14 -155.013232
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FRAME ELEMENT INTERNAL FORCES

COMB UEB18 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 -3.27E-12 -5116.925 -17.998200
-1.85E-29 -20.622934 -4898.489 -15.914344
0.25000 -3.27E-12 -5077.853 -15.914344
-1.85E-29 -16.62832 -3695.535 -13.910774
0.50000 -3.27E-12 -5040.286 -13.910774
-1.85E-29 -13.105047 -2501.624 -11.987492
0.75000 -3.27E-12 -5004.224 -11.987492
-1.85E-29 -10.050631 -1316.402 -10.144498
1.00000 -3.27E-12 -4969.668 -10.144498
-1.85E-29 -7.440635 -139.511909

COMB UEB18 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -3.27E-12 -5116.925 -17.998200
-1.85E-29 -20.622934 -4898.489 -15.914344
0.25000 -3.27E-12 -5077.853 -15.914344
-1.85E-29 -16.62832 -3695.535 -13.910774
0.50000 -3.27E-12 -5040.286 -13.910774
-1.85E-29 -13.105047 -2501.624 -11.987492
0.75000 -3.27E-12 -5004.224 -11.987492
-1.85E-29 -10.050631 -1316.402 -10.144498
1.00000 -3.27E-12 -4969.668 -10.144498
-1.85E-29 -7.440635 -139.511909

COMB SVO01 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 -5.00E-12 -7259.452 8.79E-13
-2.25E-29 8.39E-13 -6928.603 8.74E-13
0.25000 -5.00E-12 -7216.039 8.69E-13
-2.25E-29 6.32E-13 -5220.528 8.64E-13
0.50000 -5.00E-12 -7174.298 8.69E-13
-2.25E-29 4.29E-13 -3540.394 8.64E-13
0.75000 -5.00E-12 -7134.229 8.64E-13
-2.25E-29 2.22E-13 -1834.128 8.59E-13
1.00000 -5.00E-12 -7095.834 8.59E-13
-2.25E-29 1.88E-14 -155.013232

COMB SVO01 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -5.00E-12 -7259.452 8.79E-13
-2.25E-29 8.39E-13 -6928.603 8.74E-13
0.25000 -5.00E-12 -7216.039 8.69E-13
-2.25E-29 6.32E-13 -5220.528 8.64E-13
0.50000 -5.00E-12 -7174.298 8.69E-13
-2.25E-29 4.29E-13 -3540.394 8.64E-13
0.75000 -5.00E-12 -7134.229 8.64E-13
-2.25E-29 2.22E-13 -1834.128 8.59E-13
1.00000 -5.00E-12 -7095.834 8.59E-13
-2.25E-29 1.88E-14 -155.013232

COMB SVO02 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 -4.09E-12 -5685.472 6.89E-13
-2.05E-29 6.59E-13 -5442.766 6.83E-13
0.25000 -4.09E-12 -5642.059 6.89E-13
-2.05E-29 4.97E-13 -4106.150 6.78E-13
0.50000 -4.09E-12 -5600.318 6.78E-13
-2.05E-29 3.37E-13 -2779.583 6.73E-13
0.75000 -4.09E-12 -5560.249 6.73E-13
-2.05E-29 1.77E-13 -1462.669 6.69E-13
1.00000 -4.09E-12 -5521.854
-2.05E-29 1.88E-14 -155.013232

COMB SVO02 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -4.09E-12 -5685.472 6.89E-13
-2.05E-29 6.59E-13 -5442.766 6.83E-13
0.25000 -4.09E-12 -5642.059 6.89E-13
-2.05E-29 4.97E-13 -4106.150 6.78E-13
0.50000 -4.09E-12 -5600.318 6.78E-13
-2.05E-29 3.37E-13 -2779.583 6.73E-13
0.75000 -4.09E-12 -5560.249 6.73E-13
-2.05E-29 1.77E-13 -1462.669 6.69E-13
1.00000 -4.09E-12 -5521.854
-2.05E-29 1.88E-14 -155.013232

1.00000 -4.09E-12 -5521.854 6.69E-13
-2.05E-29 1.88E-14 -155.013232
COMB SVO02 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -4.09E-12 -5685.472 6.89E-13
-2.05E-29 6.59E-13 -5442.766 6.83E-13
0.25000 -4.09E-12 -5642.059 6.89E-13
-2.05E-29 4.97E-13 -4106.150 6.78E-13
0.50000 -4.09E-12 -5600.318 6.78E-13
-2.05E-29 3.37E-13 -2779.583 6.73E-13
0.75000 -4.09E-12 -5560.249 6.73E-13
-2.05E-29 1.77E-13 -1462.669 6.69E-13
1.00000 -4.09E-12 -5521.854
-2.05E-29 1.88E-14 -155.013232
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FRAME ELEMENT INTERNAL FORCES

COMB SVO03 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 217.592000 -5685.472 6.89E-13
-2.37E-29 7.51E-13 -6203.577 6.83E-13
0.25000 217.592000 -5642.059 6.83E-13
-2.37E-29 5.89E-13 -4866.961 6.78E-13
0.50000 217.592000 -5600.318 6.78E-13
-2.37E-29 4.29E-13 -3540.394 6.73E-13
0.75000 217.592000 -5560.249 6.73E-13
-2.37E-29 2.69E-13 -2223.480 6.69E-13
1.00000 217.592000 -5521.854
-2.37E-29 1.11E-13 -915.824232

COMB SVO03 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 217.592000 -5685.472 6.89E-13
-2.37E-29 7.51E-13 -6203.577 6.83E-13
0.25000 217.592000 -5642.059 6.83E-13
-2.37E-29 5.89E-13 -4866.961 6.78E-13
0.50000 217.592000 -5600.318 6.78E-13
-2.37E-29 4.29E-13 -3540.394 6.73E-13
0.75000 217.592000 -5560.249 6.73E-13
-2.37E-29 2.69E-13 -2223.480 6.69E-13
1.00000 217.592000 -5521.854
-2.37E-29 1.11E-13 -915.824232

COMB SVO04 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 134.796000 -7259.452 8.79E-13
-2.47E-29 9.04E-13 -7460.966 8.69E-13
0.25000 134.796000 -7216.039 8.74E-13
-2.47E-29 6.97E-13 -5752.890 8.64E-13
0.50000 134.796000 -7174.298 8.64E-13
-2.47E-29 4.91E-13 -4054.864 8.59E-13
0.75000 134.796000 -7134.229 8.59E-13
-2.47E-29 2.87E-13 -2366.490 8.59E-13
1.00000 134.796000 -7095.834
-2.47E-29 8.32E-14 -687.375732

COMB SVO04 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 134.796000 -7259.452 8.79E-13
-2.47E-29 9.04E-13 -7460.966 8.74E-13
0.25000 134.796000 -7216.039 8.69E-13
-2.47E-29 6.97E-13 -5752.890 8.64E-13
0.50000 134.796000 -7174.298 8.64E-13
-2.47E-29 4.91E-13 -4054.864 8.59E-13
0.75000 134.796000 -7134.229 8.59E-13
-2.47E-29 2.87E-13 -2366.490 8.59E-13
1.00000 134.796000 -7095.834
-2.47E-29 8.32E-14 -687.375732

COMB SVO05 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 134.796000 -5685.472 6.89E-13
-2.27E-29 7.24E-13 -5975.128 6.83E-13
0.25000 134.796000 -5642.059 6.83E-13
-2.27E-29 5.62E-13 -4638.513 6.78E-13
0.50000 134.796000 -5600.318 6.78E-13
-2.27E-29 4.01E-13 -3311.945 6.73E-13
0.75000 134.796000 -5560.249 6.69E-13
-2.27E-29 2.42E-13 -1995.031 6.69E-13
1.00000 134.796000 -5521.854
-2.27E-29 8.32E-14 -687.375732

COMB SVO05 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 134.796000 -5685.472 6.89E-13
-2.27E-29 7.24E-13 -5975.128 6.83E-13
0.25000 134.796000 -5642.059 6.83E-13
-2.27E-29 5.62E-13 -4638.513 6.78E-13
0.50000 134.796000 -5600.318 6.78E-13
-2.27E-29 4.01E-13 -3311.945 6.73E-13
0.75000 134.796000 -5560.249 6.73E-13
-2.27E-29 2.42E-13 -1995.031 6.69E-13
1.00000 134.796000 -5521.854
-2.27E-29 8.32E-14 -687.375732
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FRAME ELEMENT INTERNAL FORCES

COMB SVO06 ----- MAX
REL DIST T P M2 M3 V2 V3
0.00000 -5.00E-12 -7259.452 8.79E-13
-2.01E-29 8.39E-13 -6928.603 8.74E-13
0.25000 -5.00E-12 -7216.039 8.69E-13
-2.01E-29 6.32E-13 -5220.528 8.64E-13
0.50000 -5.00E-12 -7174.298 8.69E-13
-2.01E-29 4.29E-13 -3540.394 8.64E-13
0.75000 -5.00E-12 -7134.229 8.64E-13
-2.01E-29 2.22E-13 -1834.128 8.59E-13
1.00000 -5.00E-12 -7095.834 8.59E-13
-2.01E-29 1.88E-14 -155.013232

COMB SVO06 ----- MIN
REL DIST T P M2 M3 V2 V3
0.00000 -5.00E-12 -7259.452 8.79E-13
-2.01E-29 8.39E-13 -6928.603 8.74E-13
0.25000 -5.00E-12 -7216.039 8.69E-13
-2.01E-29 6.32E-13 -5220.528 8.64E-13
0.50000 -5.00E-12 -7174.298 8.69E-13
-2.01E-29 4.29E-13 -3540.394 8.64E-13
0.75000 -5.00E-12 -7134.229 8.64E-13

REL DIST				P	V2	V3	COMB	ULO01	MAX				-2.95E-29				7.30E-13	-6030.066	-2.66E-29	9.39E-13	-7754.471	
T				M2	M3		REL DIST	P	V2	V3	0.50000	175.234800	-7280.413	8.82E-13	0.25000	271.990000	-7052.574	8.54E-13				
0.00000				217.592000	-5685.472	6.89E-13	REL DIST	P	V2	V3	-2.95E-29	5.21E-13	-4305.529	-2.66E-29	7.37E-13	-6083.701						
-2.37E-29				7.51E-13	-6203.577		0.00000	-7.28E-12	-10775.171	1.30E-12	0.75000	175.234800	-7228.324	8.75E-13	0.50000	271.990000	-7000.397	8.48E-13				
0.25000				217.592000	-5642.059	6.83E-13	-3.09E-29	1.24E-12	-10270.145		-2.95E-29	3.14E-13	-2593.540	-2.66E-29	5.36E-13	-4425.492						
-2.37E-29				5.89E-13	-4866.961		0.25000	-7.28E-12	-10718.733	1.30E-12	1.00000	175.234800	-7178.410	8.69E-13	0.75000	271.990000	-6950.312	8.42E-13				
0.50000				217.592000	-5600.318	6.78E-13	-3.09E-29	9.37E-13	-7733.907		-2.95E-29	1.08E-13	-893.588452	-2.66E-29	3.37E-13	-2779.349						
-2.37E-29				4.29E-13	-3540.394		0.50000	-7.28E-12	-10664.470	1.29E-12	Program SAP2000 Nonlinear Version 7.42											
0.75000				217.592000	-5560.249	6.73E-13	0.00000	-7.28E-12	-10664.470		File:청도1교하행_P9_본세.OUT											
-2.37E-29				2.69E-13	-2223.490		-3.09E-29	6.31E-13	-5210.732	1.29E-12	: AAbutPier SAP2000 6-7 데이터파일 : 교각 본세											
1.00000				217.592000	-5521.854	6.69E-13	0.75000	-7.28E-12	-10612.381	1.29E-12	Page											
-2.37E-29				1.11E-13	-915.824232		-3.09E-29	3.27E-13	-2700.107		804											
Program SAP2000 Nonlinear Version 7.42							1.00000	-7.28E-12	-10562.467	1.28E-12	F R A M E E L E M E N T I N T E R N A											
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							COMB	ULO01	MIN				COMB				ULO06	MAX				
REL DIST				P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3				
T				M2	M3		T	M2	M3		T	M2	M3		T	M2	M3					
0.00000				-7.28E-12	-10775.171	1.30E-12	0.00000	-7.28E-12	-10775.171	1.30E-12	0.00000	-6.50E-12	-9437.288	1.14E-12	0.00000	271.990000	-7106.841	8.61E-13				
-3.09E-29				1.24E-12	-10270.145		-3.09E-29	1.24E-12	-10270.145		REL DIST	P	V2	V3	-2.66E-29	9.39E-13	-7754.471					
0.25000				-7.28E-12	-10718.733	1.30E-12	0.25000	-7.28E-12	-10718.733	1.30E-12	-2.62E-29	1.09E-12	-9007.184		0.25000	271.990000	-7052.574	8.54E-13				
-3.09E-29				9.37E-13	-7733.907		-3.09E-29	9.37E-13	-7733.907		0.25000	-6.50E-12	-9380.850	1.14E-12	-2.66E-29	7.37E-13	-6083.701					
0.50000				-7.28E-12	-10664.470	1.29E-12	0.50000	-7.28E-12	-10664.470	1.29E-12	-2.62E-29	8.22E-13	-6786.686		0.50000	271.990000	-7000.397	8.48E-13				
-3.09E-29				6.31E-13	-5210.732		-3.09E-29	6.31E-13	-5210.732		0.50000	-6.50E-12	-9326.587	1.13E-12	-2.66E-29	5.36E-13	-4425.492					
0.75000				-7.28E-12	-10612.381	1.29E-12	0.75000	-7.28E-12	-10612.381	1.29E-12	-2.62E-29	5.55E-13	-4579.251		0.75000	271.990000	-6950.312	8.42E-13				
-3.09E-29				3.27E-13	-2700.107		-3.09E-29	3.27E-13	-2700.107		0.75000	-6.50E-12	-9274.498	1.12E-12	-2.66E-29	3.37E-13	-2779.349					
1.00000				-7.28E-12	-10562.467	1.28E-12	1.00000	-7.28E-12	-10562.467	1.28E-12	-2.62E-29	2.89E-13	-2384.366		1.00000	271.990000	-6902.317	8.36E-13				
-3.09E-29				2.44E-14	-201.517202		-3.09E-29	2.44E-14	-201.517202		1.00000	-6.50E-12	-9224.584	1.12E-12	-2.66E-29	1.39E-13	-1144.780					
							COMB	ULO02	MAX				COMB				ULO10	MIN				
REL DIST				P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3				
T				M2	M3		T	M2	M3		T	M2	M3		T	M2	M3					
0.00000				-5.32E-12	-7391.114	8.95E-13	0.00000	-5.32E-12	-7391.114	8.95E-13	0.00000	-6.50E-12	-9437.288	1.14E-12	0.00000	271.990000	-7106.841	8.61E-13				
-2.67E-29				8.57E-13	-7075.596		-2.67E-29	8.57E-13	-7075.596		REL DIST	P	V2	V3	-2.96E-29	9.39E-13	-7754.471					
0.25000				-5.32E-12	-7334.676	8.88E-13	0.25000	-5.32E-12	-7334.676	8.88E-13	-2.62E-29	1.09E-12	-9007.184		0.25000	271.990000	-7052.574	8.54E-13				
-2.67E-29				6.46E-13	-5337.995		-2.67E-29	6.46E-13	-5337.995		0.25000	-6.50E-12	-9380.850	1.14E-12	-2.96E-29	7.37E-13	-6083.701					
0.50000				-5.32E-12	-7280.413	8.82E-13	0.50000	-5.32E-12	-7280.413	8.82E-13	-2.62E-29	8.22E-13	-6786.686		0.50000	271.990000	-7000.397	8.48E-13				
-2.67E-29				4.38E-13	-3613.457		-2.67E-29	4.38E-13	-3613.457		0.50000	-6.50E-12	-9326.587	1.13E-12	-2.96E-29	5.36E-13	-4425.492					
0.75000				-5.32E-12	-7228.324	8.75E-13	0.75000	-5.32E-12	-7228.324	8.75E-13	-2.62E-29	5.55E-13	-4579.251		0.75000	271.990000	-6950.312	8.42E-13				
-2.67E-29				2.30E-13	-1901.469		-2.67E-29	2.30E-13	-1901.469		-2.62E-29	5.55E-13	-4579.251	1.12E-12	-2.96E-29	3.37E-13	-2779.349					
1.00000				-5.32E-12	-7178.410	8.69E-13	1.00000	-5.32E-12	-7178.410	8.69E-13	-2.62E-29	2.89E-13	-2384.366		1.00000	271.990000	-6902.317	8.36E-13				
-2.67E-29				2.44E-14	-201.517202		-2.67E-29	2.44E-14	-201.517202		1.00000	-6.50E-12	-9224.584	1.12E-12	-2.96E-29	1.39E-13	-1144.780					
							COMB	ULO02	MIN				COMB				ULO11	MIN				
REL DIST				P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3				
T				M2	M3		T	M2	M3		T	M2	M3		T	M2	M3					
0.00000				-5.32E-12	-7391.114	8.95E-13	0.00000	-5.32E-12	-7391.114	8.95E-13	0.00000	-6.50E-12	-9437.288	1.14E-12	0.00000	271.990000	-7106.841	8.61E-13				
-2.67E-29				8.57E-13	-7075.596		-2.67E-29	8.57E-13	-7075.596		-2.96E-29	9.39E-13	-7754.471		-2.96E-29	9.39E-13	-7754.471					
0.25000				-5.32E-12	-7334.676	8.88E-13	0.25000	-5.32E-12	-7334.676	8.88E-13	-2.62E-29	1.09E-12	-9007.184		0.25000	271.990000	-7052.574	8.54E-13				
-2.67E-29				6.46E-13	-5337.995		-2.67E-29	6.46E-13	-5337.995		0.25000	-6.50E-12	-9380.850	1.14E-12	-2.96E-29	7.37E-13	-6083.701					
0.50000				-5.32E-12	-7280.413	8.82E-13	0.50000	-5.32E-12	-7280.413	8.82E-13	-2.62E-29	8.22E-13	-6786.686		0.50000	271.990000	-7000.397	8.48E-13				
-2.67E-29				4.38E-13	-3613.457		-2.67E-29	4.38E-13	-3613.457		0.50000	-6.50E-12	-9326.587	1.13E-12	-2.96E-29	5.36E-13	-4425.492					
0.75000				-5.32E-12	-7228.324	8.75E-13	0.75000	-5.32E-12	-7228.324	8.75E-13	-2.62E-29	5.55E-13	-4579.251		0.75000	271.990000	-6950.312	8.42E-13				
-2.67E-29				2.30E-13	-1901.469		-2.67E-29	2.30E-13	-1901.469		-2.62E-29	5.55E-13	-4579.251	1.12E-12	-2.96E-29	3.37E-13	-2779.349					
1.00000				-5.32E-12	-7178.410	8.69E-13	1.00000	-5.32E-12	-7178.410	8.69E-13	-2.62E-29	2.89E-13	-2384.366		1.00000	271.990000	-6902.317	8.36E-13				
-2.67E-29				2.44E-14	-201.517202		-2.67E-29	2.44E-14	-201.517202		1.00000	-6.50E-12	-9224.584	1.12E-12	-2.96E-29	1.39E-13	-1144.780					
							COMB	ULO07	MIN				Program SAP2000 Nonlinear Version 7.42				File:청도1교하행_P9_본세.OUT					
REL DIST				P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3	REL DIST	P	V2	V3				
T				M2	M3		T	M2	M3		T	M2	M3		T	M2	M3					
0.00000				-6.50E-12	-9437.288	1.14E-12	0.00000	-6.50E-12	-9437.288	1.14E-12	0.00000	-6.50E-12	-9437.288	1.14E-12	0.00000	271.990000	-7106.841	8.61E-13				
-2.92E-29				1.09E-12	-9007.184		-2.92E-29	1.09E-12	-9007.184		-2.96E-29	9.39E-13	-7754.471		-2.96E-29	9.39E-13	-7754.471					
0.25000				-6.50E-12	-9380.850	1.14E-12	0.25000	-6.50E-12	-9380.850	1.14E-12	-2.96E-29	7.37E-13	-6083.701		0.25000	271.990000	-7052.574	8.54E-13				
-2.92E-29				8.22E-13	-6786.686		-2.92E-29	8.22E-13	-6786.686		0.25000	-6.50E-12	-9380.850	1.14E-12	-2.96E-29	7.37E-13	-6083.701					
0.50000				-6.50E-12	-9326.587	1.13E-12	0.50000	-6.50E-12	-9326.587	1.13E-12	-2.96E-29	5.36E-13	-4425.492		0.50000	271.990000	-7000.397	8.48E-13				
-2.92E-29				5.55E-13	-4579.251		-2.92E-29	5.55E-13	-4579.251		-2.96E-29	5.36E-13	-4425.492		-2.96E-29	5.36E-13	-4425.492					
0.75000				-6.50E-12	-9274.498	1.12E-12																

[illegible]

L F O R C E S

COMB	UEO15	-----	MAX		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	168.495000	-5401.199		6.54E-13	
-2.22E-29	7.07E-13	-5836.081			
0.25000	168.495000	-5359.956		6.49E-13	
-2.22E-29	4.97E-13	-4566.296			
0.50000	168.495000	-5320.302		6.44E-13	
-2.22E-29	4.00E-13	-3306.057			
0.75000	168.495000	-5282.237		6.40E-13	
-2.22E-29	2.49E-13	-2054.988			
1.00000	168.495000	-5245.761		6.35E-13	
-2.22E-29	9.84E-14	-812.715696			

COMB	UEO15	-----	MIN		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	168.495000	-5401.199		6.54E-13	
-2.22E-29	7.07E-13	-5836.081			
0.25000	168.495000	-5359.956		6.49E-13	
-2.22E-29	5.53E-13	-4566.296			
0.50000	168.495000	-5320.302		6.44E-13	
-2.22E-29	4.00E-13	-3306.057			
0.75000	168.495000	-5282.237		6.40E-13	
-2.22E-29	2.49E-13	-2054.988			
1.00000	168.495000	-5245.761		6.35E-13	
-2.22E-29	9.84E-14	-812.715696			

COMB	UEO16	-----	MAX		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	-4.09E-12	-5685.472		6.89E-13	
-2.05E-29	6.59E-13	-5442.766			
0.25000	-4.09E-12	-5642.059		6.83E-13	
-2.05E-29	4.97E-13	-4106.150			
0.50000	-4.09E-12	-5600.318		6.78E-13	
-2.05E-29	3.37E-13	-2779.583			
0.75000	-4.09E-12	-5560.249		6.73E-13	
-2.05E-29	1.77E-13	-1462.669			
1.00000	-4.09E-12	-5521.854		6.69E-13	
-2.05E-29	1.88E-14	-155.013232			

COMB	UEO16	-----	MIN		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	-4.09E-12	-5685.472		6.89E-13	
-2.05E-29	6.59E-13	-5442.766			
0.25000	-4.09E-12	-5642.059		6.83E-13	
-2.05E-29	4.97E-13	-4106.150			
0.50000	-4.09E-12	-5600.318		6.78E-13	
-2.05E-29	3.37E-13	-2779.583			
0.75000	-4.09E-12	-5560.249		6.73E-13	
-2.05E-29	1.77E-13	-1462.669			
1.00000	-4.09E-12	-5521.854		6.69E-13	
-2.05E-29	1.88E-14	-155.013232			

COMB	UEO17	-----	MAX		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	-5.41E-12	-7731.646		9.36E-13	
-2.31E-29	8.93E-13	-7374.354			
0.25000	-5.41E-12	-7688.233		9.31E-13	
-2.31E-29	6.73E-13	-5554.841			
0.50000	-5.41E-12	-7646.492		9.26E-13	
-2.31E-29	4.54E-13	-3745.377			
0.75000	-5.41E-12	-7606.423		9.21E-13	
-2.31E-29	2.36E-13	-1945.566			
1.00000	-5.41E-12	-7568.028		9.17E-13	
-2.31E-29	1.88E-14	-155.013232			

COMB	UEO17	-----	MIN		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	-5.41E-12	-7731.646		9.36E-13	
-2.31E-29	8.93E-13	-7374.354			
0.25000	-5.41E-12	-7688.233		9.31E-13	
-2.31E-29	6.73E-13	-5554.841			
0.50000	-5.41E-12	-7646.492		9.26E-13	
-2.31E-29	4.54E-13	-3745.377			
0.75000	-5.41E-12	-7606.423		9.21E-13	
-2.31E-29	2.36E-13	-1945.566			
1.00000	-5.41E-12	-7568.028		9.17E-13	
-2.31E-29	1.88E-14	-155.013232			

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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	UEO18	-----	MAX		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	261.110400	-5116.925		6.20E-13	
-2.23E-29	7.04E-13	-5811.463			
0.25000	261.110400	-5077.853		6.15E-13	
-2.23E-29	5.58E-13	-4608.508			
0.50000	261.110400	-5040.226		6.10E-13	
-2.23E-29	4.14E-13	-3414.597			
0.75000	261.110400	-5004.224		6.06E-13	
-2.23E-29	2.70E-13	-2229.375			
1.00000	261.110400	-4969.668		6.02E-13	
-2.23E-29	1.27E-13	-1052.485			

COMB	UEO18	-----	MIN		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	261.110400	-5116.925		6.20E-13	
-2.23E-29	7.04E-13	-5811.463			
0.25000	261.110400	-5077.853		6.15E-13	
-2.23E-29	5.58E-13	-4608.508			
0.50000	261.110400	-5040.226		6.10E-13	
-2.23E-29	4.14E-13	-3414.597			
0.75000	261.110400	-5004.224		6.06E-13	
-2.23E-29	2.70E-13	-2229.375			
1.00000	261.110400	-4969.668		6.02E-13	
-2.23E-29	1.27E-13	-1052.485			

COMB	ENVBULT	-----	MAX		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	-6.68E-12	-10775.171		1.30E-12	
-3.09E-29	1.24E-12	-10270.145			
0.25000	-6.68E-12	-10718.733		1.30E-12	
-3.09E-29	9.37E-13	-7733.907			
0.50000	-6.68E-12	-10664.470		1.29E-12	
-3.09E-29	6.31E-13	-5210.732			
0.75000	-6.68E-12	-10612.381		1.29E-12	
-3.09E-29	3.27E-13	-2700.107			
1.00000	-6.68E-12	-10562.467		1.28E-12	
-3.09E-29	2.44E-14	-201.517202			

COMB	ENVBULT	-----	MIN		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	-6.68E-12	-10775.171		1.30E-12	

-3.09E-29	1.24E-12	-10270.145			
0.25000	-6.68E-12	-10718.733		1.30E-12	
-3.09E-29	9.37E-13	-7733.907			
0.50000	-6.68E-12	-10664.470		1.29E-12	
-3.09E-29	6.31E-13	-5210.732			
0.75000	-6.68E-12	-10612.381		1.29E-12	
-3.09E-29	3.27E-13	-2700.107			
1.00000	-6.68E-12	-10562.467		1.28E-12	
-3.09E-29	2.44E-14	-201.517202			

COMB	ENVBECC	-----	MAX		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	-3.64E-12	-5685.472		1.10E-12	
-2.05E-29	1.05E-12	-5442.766			
0.25000	-3.64E-12	-5642.059		1.09E-12	
-2.05E-29	7.87E-13	-4106.150			
0.50000	-3.64E-12	-5600.318		1.09E-12	
-2.05E-29	5.30E-13	-2779.583			
0.75000	-3.64E-12	-5560.249		1.08E-12	
-2.05E-29	2.74E-13	-1462.669			
1.00000	-3.64E-12	-5521.854		1.08E-12	
-2.05E-29	1.88E-14	-155.013232			

COMB	ENVBECC	-----	MIN		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	-5.59E-12	-9069.529		6.89E-13	
-2.48E-29	6.59E-13	-8637.316			
0.25000	-5.59E-12	-9026.116		6.83E-13	
-2.48E-29	4.97E-13	-6502.062			
0.50000	-5.59E-12	-8984.375		6.78E-13	
-2.48E-29	3.37E-13	-4376.857			
0.75000	-5.59E-12	-8944.306		6.73E-13	
-2.48E-29	1.77E-13	-2261.306			
1.00000	-5.59E-12	-8905.911		6.69E-13	
-2.48E-29	1.88E-14	-155.013232			

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File:청도1교하행_P9_본체.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

COMB	ENVOULT	-----	MAX		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	-7.28E-12	-10775.171		1.30E-12	
-3.09E-29	1.24E-12	-10270.145			
0.25000	-7.28E-12	-10718.733		1.30E-12	
-3.09E-29	9.37E-13	-7733.907			
0.50000	-7.28E-12	-10664.470		1.29E-12	
-3.09E-29	6.31E-13	-5210.732			
0.75000	-7.28E-12	-10612.381		1.29E-12	
-3.09E-29	3.27E-13	-2700.107			
1.00000	-7.28E-12	-10562.467		1.28E-12	
-3.09E-29	2.44E-14	-201.517202			

COMB	ENVOULT	-----	MIN		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	-7.28E-12	-10775.171		1.30E-12	
-3.09E-29	1.24E-12	-10270.145			
0.25000	-7.28E-12	-10718.733		1.30E-12	
-3.09E-29	9.37E-13	-7733.907			
0.50000	-7.28E-12	-10664.470		1.29E-12	
-3.09E-29	6.31E-13	-5210.732			
0.75000	-7.28E-12	-10612.381		1.29E-12	
-3.09E-29	3.27E-13	-2700.107			
1.00000	-7.28E-12	-10562.467		1.28E-12	
-3.09E-29	2.44E-14	-201.517202			

COMB	ENVOECC	-----	MAX		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	-4.23E-12	-5685.472		1.10E-12	
-2.05E-29	1.05E-12	-5442.766			
0.25000	-4.23E-12	-5642.059		1.09E-12	
-2.05E-29	7.87E-13	-4106.150			
0.50000	-4.23E-12	-5600.318		1.09E-12	
-2.05E-29	5.30E-13	-2779.583			
0.75000	-4.23E-12	-5560.249		1.08E-12	
-2.05E-29	2.74E-13	-1462.669			
1.00000	-4.23E-12	-5521.854		1.08E-12	
-2.05E-29	1.88E-14	-155.013232			

COMB	ENVOECC	-----	MIN		
REL DIST	T	P	V2	V3	
	M2	M3			
0.00000	-6.18E-12	-9069.529		6.89E-13	
-2.48E-29	6.59E-13	-8637.316			
0.25000	-6.18E-12	-9026.116		6.83E-13	
-2.48E-29	4.97E-13	-6502.062			
0.50000	-6.18E-12	-8984.375		6.78E-13	
-2.48E-29	3.37E-13	-4376.857			
0.75000	-6.18E-12	-8944.306		6.73E-13	
-2.48E-29	1.77E-13	-2261.306			
1.00000	-6.18E-12	-8905.911		6.69E-13	
-2.48E-29	1.88E-14	-155.013232			

ELEM 18 ----- LENGTH =
1.556000

LOAD	D			
REL DIST	T	P	V2	V3
	M2	M3		
0.00000	0.00000	-211.343700		2.56E-14
-4.10E-29	1.88E-14	-155.013232		
0.25000	0.00000	-151.702706		1.84E-14
-4.10E-29	1.02E-14	-84.547771		
0.50000	0.00000	-96.598425		1.17E-14
-4.10E-29	4.41E-15	-36.400267		
0.75000	0.00000	-46.030856		5.57E-15
-4.10E-29	1.07E-15	-8.805936		
1.00000	0.00000	-4.78E-12		6.10E-28
-4.10E-29	-2.04E-28	7.06E-12		

[illegible]

-5.33E-29	5.73E-15	-47.320347	
0.75000	1.64E-29	-59.840113	7.25E-15
-5.33E-29	1.39E-15	-11.447717	
1.00000	1.25E-12	-10.000000	7.93E-28
-5.33E-29	-2.65E-28	9.18E-12	
COMB ULB09 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.00000	-274.746810	3.33E-14
-5.33E-29	2.44E-14	-201.517202	
0.25000	0.00000	-197.213518	2.39E-14
-5.33E-29	1.33E-14	-109.912103	
0.50000	0.00000	-125.577953	1.52E-14
-5.33E-29	5.73E-15	-47.320347	
0.75000	0.00000	-59.840113	7.25E-15
-5.33E-29	1.39E-15	-11.447717	
1.00000	0.00000	-6.22E-12	7.93E-28
-5.33E-29	-2.65E-28	9.18E-12	

COMB ULB09 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.00000	-274.746810	3.33E-14
-5.33E-29	2.44E-14	-201.517202	
0.25000	0.00000	-197.213518	2.39E-14
-5.33E-29	1.33E-14	-109.912103	
0.50000	0.00000	-125.577953	1.52E-14
-5.33E-29	5.73E-15	-47.320347	
0.75000	0.00000	-59.840113	7.25E-15
-5.33E-29	1.39E-15	-11.447717	
1.00000	0.00000	-6.22E-12	7.93E-28
-5.33E-29	-2.65E-28	9.18E-12	
COMB ULB10 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.58E-29	-264.179625	-10.567185
-5.13E-29	-7.750662	-193.766541	
0.25000	1.58E-29	-189.628383	-7.585135
-5.13E-29	-4.227389	-105.684714	
0.50000	1.58E-29	-120.748031	-4.829921
-5.13E-29	-1.820013	-45.500333	
0.75000	1.58E-29	-57.538570	-2.301543
-5.13E-29	-0.440297	-11.007421	
1.00000	1.58E-29	-5.98E-12	4.67E-12
-5.13E-29	-5.29E-12	8.83E-12	

COMB ULB10 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.58E-29	-264.179625	-10.567185
-5.13E-29	-7.750662	-193.766541	
0.25000	1.58E-29	-189.628383	-7.585135
-5.13E-29	-4.227389	-105.684714	
0.50000	1.58E-29	-120.748031	-4.829921
-5.13E-29	-1.820013	-45.500333	
0.75000	1.58E-29	-57.538570	-2.301543
-5.13E-29	-0.440297	-11.007421	
1.00000	1.58E-29	-5.98E-12	4.67E-12
-5.13E-29	-5.29E-12	8.83E-12	
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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 ULB11 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.00000	-264.179625	-10.567185
-5.13E-29	-7.750662	-193.766541	
0.25000	0.00000	-189.628383	-7.585135
-5.13E-29	-4.227389	-105.684714	
0.50000	0.00000	-120.748031	-4.829921
-5.13E-29	-1.820013	-45.500333	
0.75000	0.00000	-57.538570	-2.301543
-5.13E-29	-0.440297	-11.007421	
1.00000	0.00000	-5.98E-12	4.67E-12
-5.13E-29	-5.29E-12	8.83E-12	

COMB ULB11 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.00000	-264.179625	-10.567185
-5.13E-29	-7.750662	-193.766541	
0.25000	0.00000	-189.628383	-7.585135
-5.13E-29	-4.227389	-105.684714	
0.50000	0.00000	-120.748031	-4.829921
-5.13E-29	-1.820013	-45.500333	
0.75000	0.00000	-57.538570	-2.301543
-5.13E-29	-0.440297	-11.007421	
1.00000	0.00000	-5.98E-12	4.67E-12
-5.13E-29	-5.29E-12	8.83E-12	

COMB ULB12 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.68E-13	-264.179625	-5.283592
-5.55E-29	-3.875331	-193.766541	
0.25000	5.68E-13	-189.628383	-3.792568
-5.55E-29	-2.113694	-105.684714	
0.50000	5.68E-13	-120.748031	-2.414961
-5.55E-29	-0.910007	-45.500333	
0.75000	5.68E-13	-57.538570	-1.150771
-5.55E-29	-0.220148	-11.007421	
1.00000	5.68E-13	-5.98E-12	2.34E-12
-5.55E-29	-2.64E-12	8.83E-12	

COMB ULB12 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.68E-13	-264.179625	-5.283592
-5.55E-29	-3.875331	-193.766541	
0.25000	5.68E-13	-189.628383	-3.792568
-5.55E-29	-2.113694	-105.684714	
0.50000	5.68E-13	-120.748031	-2.414961
-5.55E-29	-0.910007	-45.500333	
0.75000	5.68E-13	-57.538570	-1.150771
-5.55E-29	-0.220148	-11.007421	
1.00000	5.68E-13	-5.98E-12	2.34E-12
-5.55E-29	-2.64E-12	8.83E-12	

COMB ULB13 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.68E-13	-264.179625	-5.283592
-5.55E-29	-3.875331	-193.766541	
0.25000	5.68E-13	-189.628383	-3.792568
-5.55E-29	-2.113694	-105.684714	
0.50000	5.68E-13	-120.748031	-2.414961
-5.55E-29	-0.910007	-45.500333	
0.75000	5.68E-13	-57.538570	-1.150771
-5.55E-29	-0.220148	-11.007421	
1.00000	5.68E-13	-5.98E-12	2.34E-12
-5.55E-29	-2.64E-12	8.83E-12	

COMB ULB13 ----- MIN			
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REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.68E-13	-264.179625	-5.283592
-5.55E-29	-3.875331	-193.766541	
0.25000	5.68E-13	-189.628383	-3.792568
-5.55E-29	-2.113694	-105.684714	
0.50000	5.68E-13	-120.748031	-2.414961
-5.55E-29	-0.910007	-45.500333	
0.75000	5.68E-13	-57.538570	-1.150771
-5.55E-29	-0.220148	-11.007421	
1.00000	5.68E-13	-5.98E-12	2.34E-12
-5.55E-29	-2.64E-12	8.83E-12	
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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 ULB14 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.58E-29	-264.179625	-5.283592
-5.13E-29	-3.875331	-193.766541	
0.25000	1.58E-29	-189.628383	-3.792568
-5.13E-29	-2.113694	-105.684714	
0.50000	1.58E-29	-120.748031	-2.414961
-5.13E-29	-0.910007	-45.500333	
0.75000	1.58E-29	-57.538570	-1.150771
-5.13E-29	-0.220148	-11.007421	
1.00000	1.58E-29	-5.98E-12	2.34E-12
-5.13E-29	-2.64E-12	8.83E-12	

COMB ULB14 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.58E-29	-264.179625	-5.283592
-5.13E-29	-3.875331	-193.766541	
0.25000	1.58E-29	-189.628383	-3.792568
-5.13E-29	-2.113694	-105.684714	
0.50000	1.58E-29	-120.748031	-2.414961
-5.13E-29	-0.910007	-45.500333	
0.75000	1.58E-29	-57.538570	-1.150771
-5.13E-29	-0.220148	-11.007421	
1.00000	1.58E-29	-5.98E-12	2.34E-12
-5.13E-29	-2.64E-12	8.83E-12	

COMB ULB15 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.00000	-264.179625	-5.283592
-5.13E-29	-3.875331	-193.766541	
0.25000	0.00000	-189.628383	-3.792568
-5.13E-29	-2.113694	-105.684714	
0.50000	0.00000	-120.748031	-2.414961
-5.13E-29	-0.910007	-45.500333	
0.75000	0.00000	-57.538570	-1.150771
-5.13E-29	-0.220148	-11.007421	
1.00000	0.00000	-5.98E-12	2.34E-12
-5.13E-29	-2.64E-12	8.83E-12	

COMB ULB15 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.00000	-264.179625	-5.283592
-5.13E-29	-3.875331	-193.766541	
0.25000	0.00000	-189.628383	-3.792568
-5.13E-29	-2.113694	-105.684714	
0.50000	0.00000	-120.748031	-2.414961
-5.13E-29	-0.910007	-45.500333	
0.75000	0.00000	-57.538570	-1.150771
-5.13E-29	-0.220148	-11.007421	
1.00000	0.00000	-5.98E-12	2.34E-12
-5.13E-29	-2.64E-12	8.83E-12	

COMB ULB16 ----- MAX			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.00000	-211.343700	2.56E-14
-4.10E-29	1.88E-14	-155.013232	
0.25000	0.00000	-151.702706	1.84E-14
-4.10E-29	1.02E-14	-84.547771	
0.50000	0.00000	-96.598425	1.17E-14
-4.10E-29	4.41E-15	-36.400267	
0.75000	0.00000	-46.030856	5.57E-15
-4.10E-29	1.07E-15	-8.805936	
1.00000	0.00000	-4.78E-12	6.10E-28
-4.10E-29	-2.04E-28	7.06E-12	

COMB ULB16 ----- MIN			
REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.00000	-211.343700	2.56E-14
-4.10E-29	1.88E-14	-155.013232	
0.25000	0.00000	-151.702706	1.84E-14
-4.10E-29	1.02E-14	-84.547771	
0.50000	0.00000	-96.598425	1.17E-14
-4.10E-29	4.41E-15	-36.400267	
0.75000	0.00000	-46.030856	5.57E-15
-4.10E-29	1.07E-15	-8.805936	
1.00000	0.00000	-4.78E-12	6.10E-28
-4.10E-29	-2.04E-28	7.06E-12	
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COMB		ULB17 ----- MAX		
REL DIST	P	V2	V3	
T	M2	M3		
0.00000	5.91E-13	-274.746810	3.33E-14	
-5.77E-29	2.44E-14	-201.517202		
0.25000	5.91E-13	-197.213518	2.39E-14	
-7.77E-29	1.33E-14	-109.912103		
0.50000	5.91E-13	-125.577953	1.52E-14	
-5.77E-29	5.73E-15	-47.320347		
0.75000	5.91E-13	-59.841013	7.25E-15	
-5.77E-29	1.39E-15	-11.447717		
1.00000	5.91E-13	-72.932717	7.93E-28	

0.00000 .000000 -211.343700 2.56E-14
-4.10E-29 1.88E-14 -155.013232
0.25000 .000000 -151.702706 1.84E-14
-4.10E-29 1.88E-14 -155.013232
0.50000 .000000 -96.598425 1.17E-14
-4.10E-29 4.41E-15 -36.400267 5.57E-15
0.75000 .000000 -46.030856 5.57E-15
-4.10E-29 1.07E-15 -8.805936 6.10E-28
1.00000 .000000 -4.78E-12
-4.10E-29 -2.04E-28 7.06E-12

COMB UEB09 ----- MIN

REL DIST T P M2 V2 V3
0.00000 .000000 -211.343700 2.56E-14
-4.10E-29 1.88E-14 -155.013232
0.25000 .000000 -151.702706 1.84E-14
-4.10E-29 1.02E-14 -84.547771 1.17E-14
0.50000 .000000 -96.598425 1.17E-14
-4.10E-29 4.41E-15 -36.400267 5.57E-15
0.75000 .000000 -46.030856 5.57E-15
-4.10E-29 1.07E-15 -8.805936 6.10E-28
1.00000 .000000 -4.78E-12
-4.10E-29 -2.04E-28 7.06E-12

COMB UEB10 ----- MAX

REL DIST T P M2 V2 V3
0.00000 1.58E-29 -200.776515 -10.567185
-3.90E-29 -7.750662 -147.262571 -7.585135
0.25000 1.58E-29 -144.117571 -7.585135
-3.90E-29 -4.227389 -80.320383 -4.829921
0.50000 1.58E-29 -91.768504 -2.414961
-3.90E-29 -1.820013 -34.580253 -2.301543
0.75000 1.58E-29 -43.729313 -2.301543
-3.90E-29 -0.440297 -8.365640 4.67E-12
1.00000 1.58E-29 -4.54E-12
-3.90E-29 -5.29E-12 6.71E-12

COMB UEB10 ----- MAX

REL DIST T P M2 V2 V3
0.00000 1.58E-29 -200.776515 -10.567185
-3.90E-29 -7.750662 -147.262571 -7.585135
0.25000 1.58E-29 -144.117571 -7.585135
-3.90E-29 -4.227389 -80.320383 -4.829921
0.50000 1.58E-29 -91.768504 -2.414961
-3.90E-29 -1.820013 -34.580253 -2.301543
0.75000 1.58E-29 -43.729313 -2.301543
-3.90E-29 -0.440297 -8.365640 4.67E-12
1.00000 1.58E-29 -4.54E-12
-3.90E-29 -5.29E-12 6.71E-12

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COMB UEB11 ----- MAX

REL DIST T P M2 V2 V3
0.00000 .000000 -200.776515 -10.567185
-3.90E-29 -7.750662 -147.262571 -7.585135
0.25000 .000000 -144.117571 -7.585135
-3.90E-29 -4.227389 -80.320383 -4.829921
0.50000 .000000 -91.768504 -2.414961
-3.90E-29 -1.820013 -34.580253 -2.301543
0.75000 .000000 -43.729313 -2.301543
-3.90E-29 -0.440297 -8.365640 4.67E-12
1.00000 .000000 -4.54E-12
-3.90E-29 -5.29E-12 6.71E-12

COMB UEB11 ----- MIN

REL DIST T P M2 V2 V3
0.00000 .000000 -200.776515 -10.567185
-3.90E-29 -7.750662 -147.262571 -7.585135
0.25000 .000000 -144.117571 -7.585135
-3.90E-29 -4.227389 -80.320383 -4.829921
0.50000 .000000 -91.768504 -2.414961
-3.90E-29 -1.820013 -34.580253 -2.301543
0.75000 .000000 -43.729313 -2.301543
-3.90E-29 -0.440297 -8.365640 4.67E-12
1.00000 .000000 -4.54E-12
-3.90E-29 -5.29E-12 6.71E-12

COMB UEB12 ----- MAX

REL DIST T P M2 V2 V3
0.00000 5.68E-13 -200.776515 -5.283592
-4.32E-29 -3.875331 -147.262571 -3.792568
0.25000 5.68E-13 -144.117571 -3.792568
-4.32E-29 -2.113694 -80.320383 -2.414961
0.50000 5.68E-13 -91.768504 -2.414961
-4.32E-29 -0.910007 -34.580253 -1.150771
0.75000 5.68E-13 -43.729313 -1.150771
-4.32E-29 -0.220148 -8.365640 2.34E-12
1.00000 5.68E-13 -4.54E-12
-4.32E-29 -2.64E-12 6.71E-12

COMB UEB12 ----- MIN

REL DIST T P M2 V2 V3
0.00000 5.68E-13 -200.776515 -5.283592
-4.32E-29 -3.875331 -147.262571 -3.792568
0.25000 5.68E-13 -144.117571 -3.792568
-4.32E-29 -2.113694 -80.320383 -2.414961
0.50000 5.68E-13 -91.768504 -2.414961
-4.32E-29 -0.910007 -34.580253 -1.150771
0.75000 5.68E-13 -43.729313 -1.150771
-4.32E-29 -0.220148 -8.365640 2.34E-12
1.00000 5.68E-13 -4.54E-12
-4.32E-29 -2.64E-12 6.71E-12

COMB UEB13 ----- MAX

REL DIST T P M2 V2 V3
0.00000 5.68E-13 -200.776515 -5.283592
-4.32E-29 -3.875331 -147.262571 -3.792568
0.25000 5.68E-13 -144.117571 -3.792568
-4.32E-29 -2.113694 -80.320383 -2.414961
0.50000 5.68E-13 -91.768504 -2.414961
-4.32E-29 -0.910007 -34.580253 -1.150771
0.75000 5.68E-13 -43.729313 -1.150771
-4.32E-29 -0.220148 -8.365640 2.34E-12
1.00000 5.68E-13 -4.54E-12
-4.32E-29 -2.64E-12 6.71E-12

COMB UEB13 ----- MIN

REL DIST T P M2 V2 V3
0.00000 5.68E-13 -200.776515 -5.283592
-4.32E-29 -3.875331 -147.262571 -3.792568
0.25000 5.68E-13 -144.117571 -3.792568
-4.32E-29 -2.113694 -80.320383 -2.414961
0.50000 5.68E-13 -91.768504 -2.414961
-4.32E-29 -0.910007 -34.580253 -1.150771
0.75000 5.68E-13 -43.729313 -1.150771

-4.32E-29 -0.220148 -8.365640 2.34E-12
1.00000 5.68E-13 -4.54E-12
-4.32E-29 -2.64E-12 6.71E-12
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COMB UEB14 ----- MAX

REL DIST T P M2 V2 V3
0.00000 1.58E-29 -200.776515 -5.283592
-3.90E-29 -3.875331 -147.262571 -3.792568
0.25000 1.58E-29 -144.117571 -3.792568
-3.90E-29 -2.113694 -80.320383 -2.414961
0.50000 1.58E-29 -91.768504 -2.414961
-3.90E-29 -0.910007 -34.580253 -1.150771
0.75000 1.58E-29 -43.729313 -1.150771
-3.90E-29 -0.220148 -8.365640 2.34E-12
1.00000 1.58E-29 -4.54E-12
-3.90E-29 -2.64E-12 6.71E-12

COMB UEB14 ----- MIN

REL DIST T P M2 V2 V3
0.00000 1.58E-29 -200.776515 -5.283592
-3.90E-29 -3.875331 -147.262571 -3.792568
0.25000 1.58E-29 -144.117571 -3.792568
-3.90E-29 -2.113694 -80.320383 -2.414961
0.50000 1.58E-29 -91.768504 -2.414961
-3.90E-29 -0.910007 -34.580253 -1.150771
0.75000 1.58E-29 -43.729313 -1.150771
-3.90E-29 -0.220148 -8.365640 2.34E-12
1.00000 1.58E-29 -4.54E-12
-3.90E-29 -2.64E-12 6.71E-12

COMB UEB15 ----- MAX

REL DIST T P M2 V2 V3
0.00000 .000000 -200.776515 -5.283592
-3.90E-29 -3.875331 -147.262571 -3.792568
0.25000 .000000 -144.117571 -3.792568
-3.90E-29 -2.113694 -80.320383 -2.414961
0.50000 .000000 -91.768504 -2.414961
-3.90E-29 -0.910007 -34.580253 -1.150771
0.75000 .000000 -43.729313 -1.150771
-3.90E-29 -0.220148 -8.365640 2.34E-12
1.00000 .000000 -4.54E-12
-3.90E-29 -2.64E-12 6.71E-12

COMB UEB15 ----- MIN

REL DIST T P M2 V2 V3
0.00000 .000000 -200.776515 -5.283592
-3.90E-29 -3.875331 -147.262571 -3.792568
0.25000 .000000 -144.117571 -3.792568
-3.90E-29 -2.113694 -80.320383 -2.414961
0.50000 .000000 -91.768504 -2.414961
-3.90E-29 -0.910007 -34.580253 -1.150771
0.75000 .000000 -43.729313 -1.150771
-3.90E-29 -0.220148 -8.365640 2.34E-12
1.00000 .000000 -4.54E-12
-3.90E-29 -2.64E-12 6.71E-12

COMB UEB16 ----- MAX

REL DIST T P M2 V2 V3
0.00000 .000000 -211.343700 2.56E-14
-4.10E-29 1.88E-14 -155.013232 1.84E-14
0.25000 .000000 -151.702706 1.84E-14
-4.10E-29 1.02E-14 -84.547771 1.17E-14
0.50000 .000000 -96.598425 1.17E-14
-4.10E-29 4.41E-15 -36.400267 5.57E-15
0.75000 .000000 -46.030856 5.57E-15
-4.10E-29 1.07E-15 -8.805936 6.10E-28
1.00000 .000000 -4.78E-12
-4.10E-29 -2.04E-28 7.06E-12

COMB UEB16 ----- MIN

REL DIST T P M2 V2 V3
0.00000 .000000 -211.343700 2.56E-14
-4.10E-29 1.88E-14 -155.013232 1.84E-14
0.25000 .000000 -151.702706 1.84E-14
-4.10E-29 1.02E-14 -84.547771 1.17E-14
0.50000 .000000 -96.598425 1.17E-14
-4.10E-29 4.41E-15 -36.400267 5.57E-15
0.75000 .000000 -46.030856 5.57E-15
-4.10E-29 1.07E-15 -8.805936 6.10E-28
1.00000 .000000 -4.78E-12
-4.10E-29 -2.04E-28 7.06E-12

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FRAME ELEMENT INTERNAL FORCES

COMB UEB17 ----- MAX

REL DIST T P M2 V2 V3
0.00000 5.91E-13 -211.343700 2.56E-14
-4.54E-29 1.88E-14 -155.013232 1.84E-14
0.25000 5.91E-13 -151.702706 1.84E-14
-4.54E-29 1.02E-14 -84.547771 1.17E-14
0.50000 5.91E-13 -96.598425 1.17E-14
-4.54E-29 4.41E-15 -36.400267 5.57E-15
0.75000 5.91E-13 -46.030856 5.57E-15
-4.54E-29 1.07E-15 -8.805936 6.10E-28
1.00000 5.91E-13 -4.78E-12
-4.54E-29 5.86E-29 7.06E-12

COMB UEB17 ----- MIN

REL DIST T P M2 V2 V3
0.00000 5.91E-13 -211.343700 2.56E-14
-4.54E-29 1.88E-14 -155.013232 1.84E-14
0.25000 5.91E-13 -151.702706 1.84E-14
-4.54E-29 1.02E-14 -84.547771 1.17E-14
0.50000 5.91E-13 -96.598425 1.17E-14
-4.54E-29 4.41E-15 -36.400267 5.57E-15
0.75000 5.91E-13 -46.030856 5.57E-15
-4.54E-29 1.07E-15 -8.805936 6.10E-28
1.00000 5.91E-13 -4.78E-12
-4.54E-29 5.86E-29 7.06E-12

COMB UEB18 ----- MAX

REL DIST T P M2 V2 V3
0.00000 .000000 -190.209330 -10.144498
-3.69E-29 -7.440635 -139.511909 -7.281730
0.25000 .000000 -136.532436 -7.281730
-3.69E-29 -4.058293 -76.092994 -4.636724
0.50000 .000000 -86.938583

-3.69E-29 -1.747213 -32.760240
0.75000 .000000 -41.427771
-3.69E-29 -0.422685 -7.925343
-3.69E-29 -5.08E-12 6.36E-12

COMB UEB18 ----- MIN

REL DIST T P M2 V2 V3
0.00000 .000000 -190.209330 -10.144498
-3.69E-29 -7.440635 -139.511909 -7.281730
0.25000 4.55E-13 -151.702706 1.84E-14
-3.69E-29 -4.058293 -76.092994 -4.636724
0.50000 .000000 -86.938583
-3.69E-29 -1.747213 -32.760240
0.75000 .000000 -41.427771
-3.69E-29 -0.422685 -7.925343
1.00000 .000000 -4.30E-12
-3.69E-29 -5.08E-12 6.36E-12

COMB SVO01 ----- MAX

REL DIST T P M2 V2 V3
0.00000 4.55E-13 -211.343700 2.56E-14
-4.44E-29 1.88E-14 -155.013232 1.84E-14
0.25000 4.55E-13 -151.702706 1.84E-14
-4.44E-29 1.02E-14 -84.547771 1.17E-14
0.50000 4.55E-13 -96.598425 1.17E-14
-4.44E-29 4.41E-15 -36.400267 5.57E-15
0.75000 4.55E-13 -46.030856 5.57E-15
-4.44E-29 1.07E-15 -8.805936 6.10E-28
1.00000 4.55E-13 -4.78E-12
-4.44E-29 -1.97E-30 7.06E-12

COMB SVO01 ----- MIN

REL DIST T P M2 V2 V3
0.00000 4.55E-13 -211.343700 2.56E-14
-4.44E-29 1.88E-14 -155.013232 1.84E-14
0.25000 4.55E-13 -151.702706 1.84E-14
-4.44E-29 1.02E-14 -84.547771 1.17E-14
0.50000 4.55E-13 -96.598425 1.17E-14
-4.44E-29 4.41E-15 -36.400267 5.57E-15
0.75000 4.55E-13 -46.030856 5.57E-15
-4.44E-29 1.07E-15 -8.805936 6.10E-28
1.00000 4.55E-13 -4.78E-12
-4.44E-29 -1.97E-30 7.06E-12

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COMB SVO02 ----- MAX

REL DIST T P M2 V2 V3
0.00000 .000000 -211.343700 2.56E-14
-4.10E-29 1.88E-14 -155.013232 1.84E-14
0.25000 .000000 -151.702706 1.84E-14
-4.10E-29 1.02E-14 -84.547771 1.17E-14
0.50000 .000000 -96.598425 1.17E-14
-4.10E-29 4.41E-15 -36.40026

0.7500-2.551E-15-45.500333	5.77E-291.33E-14-109.912103	1.52E-14	COMB	UE004	-----	MAX	1.00000-4.17E-29-1.89E-28-4.78E-126.43E-28
-0.66E-291.33E-15-11.007421	0.500005.91E-13-125.577953						
1.000002.84E-12-5.98E-12	-5.77E-295.73E-15-47.320347						
-0.66E-29-6.00E-308.83E-12	0.750005.91E-13-59.840113	7.25E-15	REL	DIST	-----	MIN	
COMB	ULO13	-----	MAX				
REL	DIST	-----	MAX				
0.000002.84E-12-264.179625	3.20E-14						
-5.99E-292.35E-14-193.766541	2.30E-14						
0.250002.84E-12-189.628383	1.46E-14						
-5.99E-291.28E-14-105.684714	6.97E-15						
0.500002.84E-12-120.748031	7.94E-28						
-5.99E-295.51E-15-45.500333							
0.750002.84E-12-57.538570							
-5.99E-291.33E-15-11.007421							
1.000002.84E-12-5.98E-12							
-5.99E-29-2.00E-298.83E-12							
COMB	ULO13	-----	MIN				
REL	DIST	-----	MIN				
0.000002.84E-12-264.179625	3.20E-14						
-5.99E-292.35E-14-193.766541	2.30E-14						
0.250002.84E-12-189.628383	1.46E-14						
-5.99E-291.28E-14-105.684714	6.97E-15						
0.500002.84E-12-120.748031	7.94E-28						
-5.99E-295.51E-15-45.500333							
0.750002.84E-12-57.538570							
-5.99E-291.33E-15-11.007421							
1.000002.84E-12-5.98E-12							
-5.99E-29-2.00E-298.83E-12							
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FR	AME	E	L	E	M	E	N
L	F	O	R	C	E	S	
COMB	ULO14	-----	MAX				
REL	DIST	-----	MAX				
0.000002.27E-12-264.179625	3.20E-14						
-5.64E-292.35E-14-193.766541	2.30E-14						
0.250002.27E-12-189.628383	1.46E-14						
-5.64E-291.28E-14-105.684714	6.97E-15						
0.500002.27E-12-120.748031	7.94E-28						
-5.64E-295.51E-15-45.500333							
0.750002.27E-12-57.538570							
-5.64E-291.33E-15-11.007421							
1.000002.27E-12-5.98E-12							
-5.64E-29-2.58E-288.83E-12							
COMB	ULO14	-----	MIN				
REL	DIST	-----	MIN				
0.000002.27E-12-264.179625	3.20E-14						
-5.64E-292.35E-14-193.766541	2.30E-14						
0.250002.27E-12-189.628383	1.46E-14						
-5.64E-291.28E-14-105.684714	6.97E-15						
0.500002.27E-12-120.748031	7.94E-28						
-5.64E-295.51E-15-45.500333							
0.750002.27E-12-57.538570							
-5.64E-291.33E-15-11.007421							
1.000002.27E-12-5.98E-12							
-5.64E-29-2.58E-288.83E-12							
COMB	ULO15	-----	MAX				
REL	DIST	-----	MAX				
0.000002.27E-12-264.179625	3.20E-14						
-5.57E-292.35E-14-193.766541	2.30E-14						
0.250002.27E-12-189.628383	1.46E-14						
-5.57E-291.28E-14-105.684714	6.97E-15						
0.500002.27E-12-120.748031	7.94E-28						
-5.57E-295.51E-15-45.500333							
0.750002.27E-12-57.538570							
-5.57E-291.33E-15-11.007421							
1.000002.27E-12-5.98E-12							
-5.57E-29-2.72E-288.83E-12							
COMB	ULO15	-----	MIN				
REL	DIST	-----	MIN				
0.000002.27E-12-264.179625	3.20E-14						
-5.57E-292.35E-14-193.766541	2.30E-14						
0.250002.27E-12-189.628383	1.46E-14						
-5.57E-291.28E-14-105.684714	6.97E-15						
0.500002.27E-12-120.748031	7.94E-28						
-5.57E-295.51E-15-45.500333							
0.750002.27E-12-57.538570							
-5.57E-291.33E-15-11.007421							
1.000002.27E-12-5.98E-12							
-5.57E-29-2.72E-288.83E-12							
COMB	ULO16	-----	MAX				
REL	DIST	-----	MAX				
0.000002.27E-12-264.179625	3.20E-14						
-5.57E-292.35E-14-193.766541	2.30E-14						
0.250002.27E-12-189.628383	1.46E-14						
-5.57E-291.28E-14-105.684714	6.97E-15						
0.500002.27E-12-120.748031	7.94E-28						
-5.57E-295.51E-15-45.500333							
0.750002.27E-12-57.538570							
-5.57E-291.33E-15-11.007421							
1.000002.27E-12-5.98E-12							
-5.57E-29-2.72E-288.83E-12							
COMB	ULO16	-----	MIN				
REL	DIST	-----	MIN				
0.000002.27E-12-264.179625	3.20E-14						
-5.57E-292.35E-14-193.766541	2.30E-14						
0.250002.27E-12-189.628383	1.46E-14						
-5.57E-291.28E-14-105.684714	6.97E-15						
0.500002.27E-12-120.748031	7.94E-28						
-5.57E-295.51E-15-45.500333							
0.750002.27E-12-57.538570							
-5.57E-291.33E-15-11.007421							
1.000002.27E-12-5.98E-12							
-5.57E-29-2.72E-288.83E-12							
COMB	ULO17	-----	MIN				
REL	DIST	-----	MIN				
0.000002.27E-12-264.179625	3.20E-14						
-5.57E-292.35E-14-193.766541	2.30E-14						
0.250002.27E-12-189.628383	1.46E-14						
-5.57E-291.28E-14-105.684714	6.97E-15						
0.500002.27E-12-120.748031	7.94E-28						
-5.57E-295.51E-15-45.500333							
0.750002.27E-12-57.538570							
-5.57E-291.33E-15-11.007421							
1.000002.27E-12-5.98E-12							
-5.57E-29-2.72E-288.83E-12							
COMB	ULO18	-----	MAX				
REL	DIST	-----	MAX				
0.000002.27E-12-264.179625	3.20E-14						
-5.57E-292.35E-14-193.766541	2.30E-14						
0.250002.27E-12-189.628383	1.46E-14						
-5.57E-291.28E-14-105.684714	6.97E-15						
0.500002.27E-12-120.748031	7.94E-28						
-5.57E-295.51E-15-45.500333							
0.750002.27E-12-57.538570							
-5.57E-291.33E-15-11.007421							
1.000002.27E-12-5.98E-12							
-5.57E-29-2.72E-288.83E-12							
COMB	ULO19	-----	MIN				
REL	DIST	-----	MIN				
0.000002.27E-12-264.179625	3.20E-14						
-5.57E-292.35E-14-193.766541	2.30E-14						
0.250002.27E-12-189.628383	1.46E-14						
-5.57E-291.28E-14-105.684714	6.97E-15						
0.500002.27E-12-120.748031	7.94E-28						
-5.57E-295.51E-15-45.500333							
0.750002.27E-12-57.538570							
-5.57E-291.33E-15-11.007421							
1.000002.27E-12-5.98E-12							
-5.57E-29-2.72E-288.83E-12							
COMB	ULO20	-----	MAX				
REL	DIST	-----	MAX				
0.000002.27E-12-264.179625	3.20E-14						
-5.57E-292.35E-14-193.766541	2.30E-14						
0.250002.27E-12-189.628383	1.46E-14						
-5.57E-291.28E-14-105.684714	6.97E-15						
0.500002.27E-12-120.748031	7.94E-28						
-5.57E-295.51E-15-45.500333							
0.750002.27E-12-57.538570							
-5.57E-291.33E-15-11.007421							
1.000002.27E-12-5.98E-12							
-5.57E-29-2.72E-288.83E-12							
COMB	ULO21	-----	MIN				
REL	DIST	-----	MIN				
0.000002.27E-12-264.179625	3.20E-14						
-5.57E-292.35E-14-193.766541	2.30E-14						
0.250002.27E-12-189.628383	1.46E-14						
-5.57E-291.28E-14-105.684714	6.97E-15						
0.500002.27E-12-120.748031	7.94E-28						
-5.57E-295.51E-15-45.500333							
0.750002.27E-12-57.538570							
-5.57E-291.33E-15-11.007421							
1.000002.27E-12-5.98E-12							
-5.57E-29-2.72E-288.83E-12							
COMB	ULO22	-----	MAX				
REL	DIST	-----	MAX				
0.000002.27E-12-264.179625	3.20E-14						
-5.57E-292.35E-14-193.766541	2.30E-14						
0.250002.27E-12-189.628383	1.46E-14						
-5.57E-291.28E-14-105.684714	6.97E-15						
0.500002.27E-12-120.748031	7.94E-28						
-5.57E-295.51E-15-45.500333							
0.750002.27E-12-57.538570							
-5.57E-291.33E-15-11.007421							
1.000002.27E-12-5.98E-12							
-5.57E-29-2.72E-288.83E-12							
COMB	ULO23	-----	MIN				
REL	DIST	-----	MIN				
0.000002.27E-12-264.179625	3.20E-14						
-5.57E-292.35E-14-193.766541	2.30E-14						
0.250002.27E-12-189.628383	1.46E-14						
-5.57E-291.28E-14-105.684714	6.97E-15						
0.500002.27E-12-120.748031	7.94E-28						
-5.57E-295.51E-15-45.500333							
0.750002.27E-12-57.538570							
-5.57E-291.33E-15-11.007421							
1.000002.27E-12-5.98E-12							
-5.57E-29-2.72E-288.83E-12							
COMB	ULO24	-----	MAX				
REL	DIST	-----	MAX				
0.000002.27E-12-264.179625	3.20E-14						
-5.57E-292.35E-14-193.7							

0.00000	2.84E-12	-200.776515	2.43E-14	REL DIST				V2	V3	-4.10E-29	4.41E-15	-36.400267		5.57E-15	REL DIST			P	V2	V3
-4.76E-29	1.78E-14	-147.262571		T	M2	M3				0.75000	9.78E-13	-46.030856			T	M2	M3			
0.25000	2.84E-12	-144.117571	1.75E-14	0.00000	5.91E-13	-211.343700	2.56E-14	1.40E-29	1.07E-15	-8.805936				0.19860	-1.632503	129.427567			6.52E-17	
-4.76E-29	9.73E-15	-80.320383		-4.54E-29	1.88E-14	-155.013232		1.00000	9.78E-13	-4.78E-12				0.39895	-1.74E-15	2.24E-16	465.000419			
0.50000	2.84E-12	-91.768504	1.11E-14	0.25000	5.91E-13	-151.702706	1.84E-14	-4.10E-29	2.30E-28	7.06E-12				0.59930	-1.632503	129.427567			6.52E-17	
-4.76E-29	4.19E-15	-34.580253		-4.54E-29	1.02E-14	-84.547771		COMB ENVOECC			MIN			0.39895	-1.74E-15	2.24E-16	465.000419			
0.75000	2.84E-12	-43.729313	5.30E-15	0.50000	5.91E-13	-96.598425	1.17E-14	REL DIST						0.59930	-1.632503	129.427567			6.52E-17	
-4.76E-29	1.01E-15	-8.365640		-4.54E-29	4.41E-15	-36.400267		P	M2	V2				-1.74E-15	-5.33E-17	-85.066743			6.52E-17	
1.00000	2.84E-12	-4.54E-12	6.11E-28	0.75000	5.91E-13	-46.030856	5.57E-15	V3						0.79965	-1.632503	129.427567			6.52E-17	
-4.76E-29	4.12E-29	6.71E-12		-4.54E-29	1.07E-15	-8.805936		0.00000	0.00000	-211.343700				-1.74E-15	-1.92E-16	-360.100323			6.52E-17	
COMB UEO13			MIN	1.00000	5.91E-13	-4.78E-12	6.10E-28	-4.82E-29	1.88E-14	-155.013232				1.00000	-1.632503	129.427567			6.52E-17	
REL DIST				-4.54E-29	5.86E-29	7.06E-12		P	M2	M3				-1.74E-15	-3.30E-16	-635.133904				
T	M2	M3		COMB UEO18			MAX							LOAD	E-TR					
0.00000	2.84E-12	-200.776515	2.43E-14	REL DIST				P	V2	V3										
-4.76E-29	1.78E-14	-147.262571		T	M2	M3								REL DIST			P	V2	V3	
0.25000	2.84E-12	-144.117571	1.75E-14	0.00000	0.00000	-190.209330	2.30E-14	1.69E-14	1.69E-14	-139.511909				0.19860	0.00000	0.00000	0.00000	0.00000	0.00000	
0.50000	9.73E-15	-80.320383		-4.28E-29	1.69E-14	-139.511909	1.65E-14	0.25000	0.00000	-136.532436				0.39895	0.00000	0.00000	0.00000	0.00000	0.00000	
-4.76E-29	2.84E-12	-91.768504	1.11E-14	0.25000	0.00000	-136.532436	1.65E-14	-4.28E-29	9.22E-15	-76.092994				0.59930	0.00000	0.00000	0.00000	0.00000	0.00000	
-4.76E-29	4.19E-15	-34.580253		-4.28E-29	9.22E-15	-76.092994	1.65E-14	0.75000	0.00000	-86.935853				0.39895	0.00000	0.00000	0.00000	0.00000	0.00000	
0.75000	2.84E-12	-43.729313	5.30E-15	0.50000	0.00000	-86.935853	1.05E-14	-4.28E-29	3.97E-15	-7.925343				0.59930	0.00000	0.00000	0.00000	0.00000	0.00000	
-4.76E-29	1.01E-15	-8.365640		-4.28E-29	3.97E-15	-7.925343	5.02E-15	0.75000	0.00000	-41.427771				0.79965	0.00000	0.00000	0.00000	0.00000	0.00000	
1.00000	2.84E-12	-4.54E-12	6.11E-28	-4.28E-29	9.60E-16	-4.78E-12	5.49E-28	1.00000	0.00000	-4.30E-12				0.79965	0.00000	0.00000	0.00000	0.00000	0.00000	
-4.76E-29	4.12E-29	6.71E-12		-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
Program SAP2000 Nonlinear Version 7.42				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
File:청도1교하행_P9_본세.OUT				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
				-4.28E-29	9.60E-16	-4.78E-12		1.00000	0.00000	-4.30E-12				0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	

-9.515903 -106.487238 -1655.775
0.39895 -9853.731 -321.862722 69.016127
-9.515903 -245.695757 -971.817147
0.59930 -10055.677 -321.862722 76.028627
-9.515903 -399.805809 -287.858863
0.79965 -10257.622 -321.862722 76.228055
-9.515903 -561.784399 396.099421
1.00000 -10459.568 -321.862722 76.228055
-9.515903 -723.769015 1080.058
Program SAP2000 Nonlinear Version 7.42
File:청도1교하행_P9_본세.OUT

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

COMB SVB04 ----- MAX

REL DIST T P M2 M3 V3
0.19860 -12144.786 -413.825362 31.008733
-4.757952 -53.243619 -2133.408
0.39895 -12346.732 -413.825362 34.508064
-4.757952 -122.847878 -1254.029
0.59930 -12548.677 -413.825362 38.014314
-4.757952 -199.902904 -374.649857
0.79965 -12750.623 -413.825362 38.114027
-4.757952 -280.892199 504.729036
1.00000 -12952.569 -413.825362 38.114027
-4.757952 -361.884507 1384.108

COMB SVB04 ----- MIN

REL DIST T P M2 M3 V3
0.19860 -12144.786 -413.825362 31.008733
-4.757952 -53.243619 -2133.408
0.39895 -12346.732 -413.825362 34.508064
-4.757952 -122.847878 -1254.029
0.59930 -12548.677 -413.825362 38.014314
-4.757952 -199.902904 -374.649857
0.79965 -12750.623 -413.825362 38.114027
-4.757952 -280.892199 504.729036
1.00000 -12952.569 -413.825362 38.114027
-4.757952 -361.884507 1384.108

COMB SVB05 ----- MAX

REL DIST T P M2 M3 V3
0.19860 -9651.785 -321.862722 31.008733
-4.757952 -53.243619 -1655.775
0.39895 -9853.731 -321.862722 34.508064
-4.757952 -122.847878 -971.817147
0.59930 -10055.677 -321.862722 38.014314
-4.757952 -199.902904 -287.858863
0.79965 -10257.622 -321.862722 38.114027
-4.757952 -280.892199 396.099421
1.00000 -10459.568 -321.862722 38.114027
-4.757952 -361.884507 1080.058

COMB SVB05 ----- MIN

REL DIST T P M2 M3 V3
0.19860 -9651.785 -321.862722 31.008733
-4.757952 -53.243619 -1655.775
0.39895 -9853.731 -321.862722 34.508064
-4.757952 -122.847878 -971.817147
0.59930 -10055.677 -321.862722 38.014314
-4.757952 -199.902904 -287.858863
0.79965 -10257.622 -321.862722 38.114027
-4.757952 -280.892199 396.099421
1.00000 -10459.568 -321.862722 38.114027
-4.757952 -361.884507 1080.058

COMB SVB06 ----- MAX

REL DIST T P M2 M3 V3
0.19860 -12144.786 -413.825362 392.515858
-11.606629 -1435.658 -2133.408
0.39895 -12346.732 -413.825362 392.515858
-11.606629 -1254.029 -1254.029
0.59930 -12548.677 -413.825362 392.515858
-11.606629 -3103.850 -374.649857
0.79965 -12750.623 -413.825362 392.515858
-11.606629 -3937.946 504.729036 392.515858
1.00000 -12952.569 -413.825362 392.515858
-11.606629 -4772.043 1384.108

COMB SVB06 ----- MIN

REL DIST T P M2 M3 V3
0.19860 -12144.786 -413.825362 392.515858
-11.606629 -1435.658 -2133.408
0.39895 -12346.732 -413.825362 392.515858
-11.606629 -2269.754 -1254.029
0.59930 -12548.677 -413.825362 392.515858
-11.606629 -3103.850 -374.649857
0.79965 -12750.623 -413.825362 392.515858
-11.606629 -3937.946 504.729036 392.515858
1.00000 -12952.569 -413.825362 392.515858
-11.606629 -4772.043 1384.108
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FR A M E L E M E N T I N T E R N A L F O R C E S

COMB SVB07 ----- MAX

REL DIST T P M2 M3 V3
0.19860 -12144.786 -413.825362 8.65E-16
-2.97E-15 2.97E-15 -2133.408
0.39895 -12346.732 -413.825362 8.65E-16
-2.70E-15 1.13E-15 -1254.029
0.59930 -12548.677 -413.825362 8.65E-16
-2.70E-15 -7.06E-16 -374.649857
0.79965 -12750.623 -413.825362 8.65E-16
-2.70E-15 -2.54E-15 504.729036
1.00000 -12952.569 -413.825362 8.65E-16
-2.70E-15 -4.38E-15 1384.108

COMB SVB07 ----- MIN

REL DIST T P M2 M3 V3
0.19860 -12144.786 -413.825362 8.65E-16
-2.97E-15 2.97E-15 -2133.408
0.39895 -12346.732 -413.825362 8.65E-16
-2.70E-15 1.13E-15 -1254.029
0.59930 -12548.677 -413.825362 8.65E-16
-2.70E-15 -7.06E-16 -374.649857
0.79965 -12750.623 -413.825362 8.65E-16
-2.70E-15 -2.54E-15 504.729036
1.00000 -12952.569 -413.825362 8.65E-16
-2.70E-15 -4.38E-15 1384.108

COMB SVB08 ----- MAX

REL DIST T P M2 M3 V3

0.19860 -9651.785 -321.862722 392.515858
-11.606629 -1435.658 -1655.775
0.39895 -9853.731 -321.862722 392.515858
-11.606629 -2269.754 -971.817147
0.59930 -10055.677 -321.862722 392.515858
-11.606629 -3103.850 -287.858863
0.79965 -10257.622 -321.862722 392.515858
-11.606629 -3937.946 396.099421
1.00000 -10459.568 -321.862722 392.515858
-11.606629 -4772.043 1080.058

COMB SVB08 ----- MIN

REL DIST T P M2 M3 V3
0.19860 -9651.785 -321.862722 392.515858
-11.606629 -1435.658 -1655.775
0.39895 -9853.731 -321.862722 392.515858
-11.606629 -2269.754 -971.817147
0.59930 -10055.677 -321.862722 392.515858
-11.606629 -3103.850 -287.858863
0.79965 -10257.622 -321.862722 392.515858
-11.606629 -3937.946 396.099421
1.00000 -10459.568 -321.862722 392.515858
-11.606629 -4772.043 1080.058

COMB SVB09 ----- MAX

REL DIST T P M2 M3 V3
0.19860 -9651.785 -321.862722 6.79E-16
-2.07E-15 2.33E-15 -1655.775
0.39895 -9853.731 -321.862722 6.79E-16
-2.07E-15 8.88E-16 -971.817147
0.59930 -10055.677 -321.862722 6.79E-16
-2.07E-15 -5.55E-16 -287.858863
0.79965 -10257.622 -321.862722 6.79E-16
-2.07E-15 -2.00E-15 396.099421
1.00000 -10459.568 -321.862722 6.79E-16
-2.07E-15 -3.44E-15 1080.058

COMB SVB09 ----- MIN

REL DIST T P M2 M3 V3
0.19860 -9651.785 -321.862722 6.79E-16
-2.07E-15 2.33E-15 -1655.775
0.39895 -9853.731 -321.862722 6.79E-16
-2.07E-15 8.88E-16 -971.817147
0.59930 -10055.677 -321.862722 6.79E-16
-2.07E-15 -5.55E-16 -287.858863
0.79965 -10257.622 -321.862722 6.79E-16
-2.07E-15 -2.00E-15 396.099421
1.00000 -10459.568 -321.862722 6.79E-16
-2.07E-15 -3.44E-15 1080.058
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FR A M E L E M E N T I N T E R N A L F O R C E S

COMB SVB10 ----- MAX

REL DIST T P M2 M3 V3
0.19860 -9651.785 -321.862722 454.533324
-21.122532 -1542.145 -1655.775
0.39895 -9853.731 -321.862722 461.531985
-21.122532 -2515.450 -971.817147
0.59930 -10055.677 -321.862722 468.544485
-21.122532 -3503.656 -287.858863
0.79965 -10257.622 -321.862722 468.743913
-21.122532 -4499.731 396.099421
1.00000 -10459.568 -321.862722 468.743913
-21.122532 -5495.812 1080.058

COMB SVB10 ----- MIN

REL DIST T P M2 M3 V3
0.19860 -9651.785 -321.862722 454.533324
-21.122532 -1542.145 -1655.775
0.39895 -9853.731 -321.862722 461.531985
-21.122532 -2515.450 -971.817147
0.59930 -10055.677 -321.862722 468.544485
-21.122532 -3503.656 -287.858863
0.79965 -10257.622 -321.862722 468.743913
-21.122532 -4499.731 396.099421
1.00000 -10459.568 -321.862722 468.743913
-21.122532 -5495.812 1080.058

COMB SVB11 ----- MAX

REL DIST T P M2 M3 V3
0.19860 -9651.785 -321.862722 62.017466
-9.515903 -106.487238 -1655.775
0.39895 -9853.731 -321.862722 69.016127
-9.515903 -245.695757 -971.817147
0.59930 -10055.677 -321.862722 76.028627
-9.515903 -399.805809 -287.858863
0.79965 -10257.622 -321.862722 76.228055
-9.515903 -561.784399 396.099421
1.00000 -10459.568 -321.862722 76.228055
-9.515903 -723.769015 1080.058

COMB SVB11 ----- MIN

REL DIST T P M2 M3 V3
0.19860 -9651.785 -321.862722 62.017466
-9.515903 -106.487238 -1655.775
0.39895 -9853.731 -321.862722 69.016127
-9.515903 -245.695757 -971.817147
0.59930 -10055.677 -321.862722 76.028627
-9.515903 -399.805809 -287.858863
0.79965 -10257.622 -321.862722 76.228055
-9.515903 -561.784399 396.099421
1.00000 -10459.568 -321.862722 76.228055
-9.515903 -723.769015 1080.058

COMB SVB12 ----- MAX

REL DIST T P M2 M3 V3
0.19860 -12144.786 -413.825362 423.524591
-16.364581 -1488.901 -2133.408
0.39895 -12346.732 -413.825362 427.023922
-16.364581 -2392.602 -971.817147
0.59930 -12548.677 -413.825362 430.530172
-16.364581 -3303.753 -374.649857
0.79965 -12750.623 -413.825362 430.629885
-16.364581 -4218.839 504.729036
1.00000 -12952.569 -413.825362 430.629885
-16.364581 -5133.927 1384.108

COMB SVB12 ----- MIN

REL DIST T P M2 M3 V3
0.19860 -12144.786 -413.825362 423.524591
-16.364581 -1488.901 -2133.408
0.39895 -12346.732 -413.825362 427.023922
-16.364581 -2392.602 -971.817147
0.59930 -12548.677 -413.825362 430.530172
-16.364581 -3303.753 -374.649857

0.79965 -12750.623 -413.825362 430.629885
-16.364581 -4218.839 504.729036
1.00000 -12952.569 -413.825362 430.629885
-16.364581 -5133.927 1384.108
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FR A M E L E M E N T I N T E R N A L F O R C E S

COMB SVB13 ----- MAX

REL DIST T P M2 M3 V3
0.19860 -12144.786 -413.825362 31.008733
-4.757952 -53.243619 -2133.408
0.39895 -12346.732 -413.825362 34.508064
-4.757952 -122.847878 -1254.029
0.59930 -12548.677 -413.825362 38.014314
-4.757952 -199.902904 -374.649857
0.79965 -12750.623 -413.825362 38.114027
-4.757952 -280.892199 504.729036
1.00000 -12952.569 -413.825362 38.114027
-4.757952 -361.884507 1384.108

COMB SVB13 ----- MIN

REL DIST T P M2 M3 V3
0.19860 -12144.786 -413.825362 31.008733
-4.757952 -53.243619 -2133.408
0.39895 -12346.732 -413.825362 34.508064
-4.757952 -122.847878 -1254.029
0.59930 -12548.677 -413.825362 38.014314
-4.757952 -199.902904 -374.649857
0.79965 -12750.623 -413.825362 38.114027
-4.757952 -280.892199 504.729036
1.00000 -12952.569 -413.825362 38.114027
-4.757952 -361.884507 1384.108

COMB SVB14 ----- MAX

REL DIST T P M2 M3 V3
0.19860 -9651.785 -321.862722 423.524591
-16.364581 -1488.901 -1655.775
0.39895 -9853.731 -321.862722 427.023922
-16.364581 -2392.602 -971.817147
0.59930 -10055.677 -321.862722 430.530172
-16.364581 -3303.753 -374.649857
0.79965 -10257.622 -321.862722 430.629885
-16.364581 -4218.839 396.099421
1.00000 -10459.568 -321.862722 430.629885
-16.364581 -5133.927 1080.058

COMB SVB14 ----- MIN

REL DIST T P M2 M3 V3
0.19860 -9651.785 -321.862722 423.524591
-16.364581 -1488.901 -1655.775
0.39895 -9853.731 -321.862722 427.023922
-16.364581 -2392.602 -971.817147
0.59930 -10055.677 -321.862722 430.530172
-16.364581 -3303.753 -374.649857
0.79965 -10257.622 -321.862722 430.629885
-16.364581 -4218.839 396.099421
1.00000 -10459.568 -321.862722 430.629885
-16.364581 -5133.927 1080.058

COMB SVB15 ----- MAX

REL DIST T P M2 M3 V3
0.19860 -9651.785 -321.862722 31.008733
-4.757952 -53.243619 -1655.775
0.39895 -9853.731 -321.862722 34.508064
-4.757952 -122.847878 -971.817147
0.59930 -10055.677 -321.862722 38.014314
-4.757952 -199.902904 -374.649857
0.79965 -12750.623 -413.825362 38.114027
-4.757952 -280.892199 396.099421
1.00000 -10459.568 -321.862722 38.114027
-4.757952 -361.884507 1080.058

COMB SVB15 ----- MIN

REL DIST T P M2 M3 V3
0.19860 -9651.785 -321.862722 31.008733
-4.757952 -53.243619 -1655.775
0.39895 -9853.731 -321.862722 34.508064
-4.757952 -122.847878 -971.817147
0.59930 -10055.677 -321.862722 38.014314
-4.757952 -199.902904 -374.649857
0.79965 -12750.623 -413.825362 38.114027
-4.757952 -280.892199 396.099421
1.00000 -10459.568 -321.862722 38.114027
-4.757952 -361.884507 1080.058
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FR A M E L E M E N T I N T E R N A L F O R C E S

COMB ULB01 ----- MAX

REL DIST T P M2 M3 V3
0.19860 -12547.321 -418.21538 1.28E-15
-2.69E-15 3.03E-15 -2152.508
0.39895 -12809.850 -418.21538 1.28E-15
-2.69E-15 3.03E-15 -2152.508
0.59930 -13072.380 -418.21538 1.28E-15
-2.69E-15 3.03E-15 -2152.508
0.79965 -13334.909 -418.21538 1.28E-15
-2.69E-15 3.03E-15 -2152.508
1.00000 -13597.438 -418.21538 1.28E-15
-2.69E-15 3.03E-15 -2152.508

COMB ULB01 ----- MIN

REL DIST T P M2 M3 V3
0.19860 -12547.321 -418.21538 1.28E-15
-2.69E-15 3.03E-15 -2152.508
0.39895 -12809.850 -418.21538 1.28E-15
-2.69E-15 3.03E-15 -2152.508
0.59930 -13072.

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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	ULB07	-----	MAX	
REL DIST	T	P	V2	V3
	M2	M3		
0.19860	-15788.222	-537.972970		
-3.51E-15	3.86E-15	-2773.430		
0.39895	-16050.751	-537.972970		
-3.51E-15	1.47E-15	-1630.237		
0.59930	-16313.280	-537.972970		
-3.51E-15	-9.18E-16	-487.044815		
0.79965	-16575.810	-537.972970		
-3.51E-15	-3.31E-15	656.147747		
1.00000	-16838.339	-537.972970		
-3.51E-15	-5.70E-15	1799.340		

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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	ULB08	-----	MAX	
REL DIST	T	P	V2	V3
	M2	M3		
0.19860	-12547.321	-418.421538		510.270616
-15.088618	-1066.355	-2152.508		
0.39895	-12809.850	-418.421538		510.270616
-15.088618	-2950.680	-1263.362		
0.59930	-13072.380	-418.421538		510.270616
-15.088618	-4035.005	-374.216522		
0.79965	-13334.909	-418.421538		510.270616
-15.088618	-5119.330	514.929247		
1.00000	-13597.438	-418.421538		510.270616
-15.088618	-6203.655	1404.075		

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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	ULB09	-----	MAX	
REL DIST	T	P	V2	V3
	M2	M3		
0.19860	-12547.321	-418.421538		8.83E-16
-2.69E-15	1.52E-15	506.719		
0.39895	-12809.850	-418.421538		8.83E-16
-2.69E-15	1.15E-15	-1263.362		
0.59930	-13072.380	-418.421538		8.83E-16
-2.69E-15	-7.21E-16	-374.216522		
0.79965	-13334.909	-418.421538		8.83E-16
-2.69E-15	-2.69E-15	514.929247		
1.00000	-13597.438	-418.421538		8.83E-16
-2.69E-15	-4.47E-15	1404.075		

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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	ULB10	-----	MAX	
REL DIST	T	P	V2	V3
	M2	M3		
0.19860	-12064.732	-402.328402		568.166655
-26.403165	-1927.681	-2069.719		
0.39895	-12317.164	-402.328402		576.914982
-26.403165	-3144.312	-1214.771		
0.59930	-12569.596	-402.328402		585.680607
-26.403165	-4379.570	-359.823579		
0.79965	-12822.028	-402.328402		585.929891
-26.403165	-5624.664	495.124276		
1.00000	-13074.460	-402.328402		585.929891
-26.403165	-6869.765	1350.072		

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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	ULB11	-----	MAX	
REL DIST	T	P	V2	V3
	M2	M3		
0.19860	-12064.732	-402.328402		77.521832
-11.894879	-1331.09048	-2069.719		
0.39895	-12317.164	-402.328402		86.270159
-11.894879	-307.139696	-1214.771		
0.59930	-12569.596	-402.328402		95.035784
-11.894879	-499.757261	-359.823579		
0.79965	-12822.028	-402.328402		95.285068
-11.894879	-702.230498	495.124276		
1.00000	-13074.460	-402.328402		95.285068

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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	ULB11	-----	MAX	
REL DIST	T	P	V2	V3
	M2	M3		
0.19860	-12064.732	-402.328402		77.521832
-11.894879	-1331.09048	-2069.719		
0.39895	-12317.164	-402.328402		86.270159
-11.894879	-307.139696	-1214.771		
0.59930	-12569.596	-402.328402		95.035784
-11.894879	-499.757261	-359.823579		
0.79965	-12822.028	-402.328402		95.285068
-11.894879	-702.230498	495.124276		
1.00000	-13074.460	-402.328402		95.285068

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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	ULB12	-----	MAX	
REL DIST	T	P	V2	V3
	M2	M3		
0.19860	-15180.982	-517.281702		529.405739
-20.455726	-1861.127	-2666.760		
0.39895	-15433.415	-517.281702		533.779902
-20.455726	-2990.752	-1567.536		
0.59930	-15685.847	-517.281702		538.162715
-20.455726	-4129.691	-468.312322		
0.79965	-15938.279	-517.281702		538.287357
-20.455726	-5273.548	630.911295		
1.00000	-16190.711	-517.281702		538.287357
-20.455726	-6417.409	1730.135		

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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	ULB13	-----	MAX	
REL DIST	T	P	V2	V3
	M2	M3		
0.19860	-15180.982	-517.281702		38.760916
-5.947439	-66.554524	-2666.760		
0.39895	-15433.415	-517.281702		43.135080
-5.947439	-153.559848	-1567.536		
0.59930	-15685.847	-517.281702		47.517892
-5.947439	-249.878630	-468.312322		
0.79965	-15938.279	-517.281702		47.642534
-5.947439	-351.115249	630.911295		
1.00000	-16190.711	-517.281702		47.642534
-5.947439	-452.355634	1730.135		

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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	ULB13	-----	MIN	
REL DIST	T	P	V2	V3
	M2	M3		
0.19860	-15180.982	-517.281702		38.760916
-5.947439	-66.554524	-2666.760		
0.39895	-15433.415	-517.281702		43.135080
-5.947439	-153.559848	-1567.536		
0.59930	-15685.847	-517.281702		47.517892
-5.947439	-249.878630	-468.312322		
0.79965	-15938.279	-517.281702		47.642534
-5.947439	-351.115249	630.911295		
1.00000	-16190.711	-517.281702		47.642534
-5.947439	-452.355634	1730.135		

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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	ULB14	-----	MAX	
REL DIST	T	P	V2	V3
	M2	M3		
0.19860	-12064.732	-402.328402		529.405739
-20.455726	-1861.127	-2069.719		
0.39895	-12317.164	-402.328402		533.779902
-20.455726	-2990.752	-1214.771		
0.59930	-12569.596	-402.328402		538.162715
-20.455726	-4129.691	-359.823579		
0.79965	-12822.028	-402.328402		538.287357
-20.455726	-5273.548	495.124276		
1.00000	-13074.460	-402.328402		538.287357
-20.455726	-6417.409	1350.072		

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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	ULB15	-----	MAX	
REL DIST	T	P	V2	V3
	M2	M3		
0.19860	-12064.732	-402.328402		38.760916
-5.947439	-66.554524	-2069.719		
0.39895	-12317.164	-402.328402		43.135080
-5.947439	-153.559848	-1214.771		
0.59930	-12569.596	-402.328402		47.517892
-5.947439	-249.878630	-359.823579		
0.79965	-12822.028	-402.328402		47.642534
-5.947439	-351.115249	495.124276		
1.00000	-13074.460	-402.328402		47.642534
-5.947439	-452.355634	1350.072		

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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	ULB15	-----	MIN	
REL DIST	T	P	V2	V3
	M2	M3		
0.19860	-12064.732	-402.328402		38.760916
-5.947439	-66.554524	-2069.719		
0.39895	-12317.164	-402.328402		43.135080
-5.947439	-153.559848	-1214.771		
0.59930	-12569.596	-402.328402		47.517892
-5.947439	-249.878630	-359.823579		
0.79965	-12822.028	-402.328402		47.642534
-5.947439	-351.115249	495.124276		
1.00000	-13074.460	-402.328402		47.642534
-5.947439	-452.355634	1350.072		

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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	ULB15	-----	MIN	
REL DIST	T	P	V2	V3
	M2	M3		
0.19860	-12064.732	-402.328402		38.760916
-5.947439	-66.554524	-2069.719		
0.39895	-12317.164	-402.328402		43.135080
-5.947439	-153.559848	-1214.771		
0.59930	-12569.596	-402.328402		47.517892
-5.947439	-249.878630	-359.823579		
0.79965	-12822.028	-402.328402		47.642534
-5.947439	-351.115249	495.124276		
1.00000	-13074.460	-402.328402		47.642534
-5.947439	-452.355634	1350.072		

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	T	P	V2	V3	
		M2	M3		
0.19860		-9651.785	-321.862722		6.79E-16
-2.07E-15		2.33E-15	-1655.775		
0.39895		-9853.731	-321.862722		6.79E-16
-2.07E-15		8.88E-16	-971.817147		
0.59930		-10055.677	-321.862722		6.79E-16
-2.07E-15		-5.55E-16	-287.858863		
0.79965		-10257.622	-321.862722		6.79E-16
-2.07E-15		-2.00E-15	396.099421		
1.00000		-10459.568	-321.862722		6.79E-16
-2.07E-15		-3.44E-15	1080.058		
COMB	ULB16	----- MIN			
REL DIST	T	P	V2	V3	
		M2	M3		
0.19860		-9651.785	-321.862722		6.79E-16
-2.07E-15		2.33E-15	-1655.775		
0.39895		-9853.731	-321.862722		6.79E-16
-2.07E-15		8.88E-16	-971.817147		
0.59930		-10055.677	-321.862722		6.79E-16
-2.07E-15		-5.55E-16	-287.858863		
0.79965		-10257.622	-321.862722		6.79E-16
-2.07E-15		-2.00E-15	396.099421		
1.00000		-10459.568	-321.862722		6.79E-16
-2.07E-15		-3.44E-15	1080.058		

REL DIST				0.59930				-9552.893				-305.769586				95.035784				0.39895				-9853.731				-321.862722				6.79E-16				-2.07E-15				-3.44E-15				1101.130											
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				COMB				SVO03				MAX											
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321.862722				6.79E-16				REL DIST				P				M				V2				V3			
REL DIST				0.19860				-12892.686				-441.414154				9.20E-16				0.39895				-10055.677				-321																											

-2.70E-15 -2.55E-15 510.527480
1.00000 -12951.211 -421.012951
-2.70E-15 -4.38E-15 1405.180

COMB SVO07 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -12143.429 -413.849951
-2.70E-15 2.97E-15 2130.182
0.39895 -12345.374 -413.849951
-2.70E-15 1.13E-15 -1259.401
0.59930 -12547.320 -413.849951
-2.70E-15 -7.07E-16 -379.969419
0.79965 -12749.266 -421.012951
-2.70E-15 2.55E-15 510.527480
1.00000 -12951.211 -421.012951
-2.70E-15 -4.38E-15 1405.180

COMB SVO08 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -9652.061 -192.459744
-3.81E-15 2.56E-15 -1196.199
0.39895 -9854.006 -192.459744
-3.81E-15 9.74E-16 -787.222123
0.59930 -10055.952 -192.459744
-3.81E-15 -6.09E-16 -378.245168
0.79965 -10257.898 -199.622744
-3.81E-15 -2.19E-15 41.797541
1.00000 -10459.843 -199.622744
-3.81E-15 -3.77E-15 465.995871

COMB SVO08 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -9652.061 -192.459744
-3.81E-15 2.56E-15 -1196.199
0.39895 -9854.006 -192.459744
-3.81E-15 9.74E-16 -787.222123
0.59930 -10055.952 -192.459744
-3.81E-15 -6.09E-16 -378.245168
0.79965 -10257.898 -199.622744
-3.81E-15 -2.19E-15 41.797541
1.00000 -10459.843 -199.622744
-3.81E-15 -3.77E-15 465.995871

COMB SVO09 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -9650.428 -321.887311
-2.07E-15 2.33E-15 -1661.199
0.39895 -9852.374 -321.887311
-2.07E-15 8.89E-16 -977.188961
0.59930 -10054.320 -321.887311
-2.07E-15 -5.55E-16 -293.178425
0.79965 -10256.265 -329.050311
-2.07E-15 -2.00E-15 401.897864
1.00000 -10458.211 -329.050311
-2.07E-15 -3.44E-15 1101.130

COMB SVO09 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -9650.428 -321.887311
-2.07E-15 2.33E-15 -1661.199
0.39895 -9852.374 -321.887311
-2.07E-15 8.89E-16 -977.188961
0.59930 -10054.320 -321.887311
-2.07E-15 -5.55E-16 -293.178425
0.79965 -10256.265 -329.050311
-2.07E-15 -2.00E-15 401.897864
1.00000 -10458.211 -329.050311
-2.07E-15 -3.44E-15 1101.130
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L F O R C E S

COMB SVO10 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -8847.546 -545.901889
-4.12E-15 3.31E-15 -2541.529
0.39895 -9049.492 -552.900560
-4.12E-15 1.26E-15 -1374.066
0.59930 -9251.437 -559.913060
-4.12E-15 -7.87E-16 -191.701756
0.79965 -9453.383 -567.275488
-4.12E-15 -2.83E-15 1009.597
1.00000 -9655.329 -567.275488
-4.12E-15 -4.88E-15 2215.057

COMB SVO10 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -8847.546 -545.901889
-4.12E-15 3.31E-15 -2541.529
0.39895 -9049.492 -552.900560
-4.12E-15 1.27E-15 -1374.066
0.59930 -9251.437 -559.913060
-4.12E-15 -7.87E-16 -191.701756
0.79965 -9453.383 -567.275488
-4.12E-15 -2.83E-15 1009.597
1.00000 -9655.329 -567.275488
-4.12E-15 -4.88E-15 2215.057

COMB SVO11 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -8845.914 -675.329466
-2.38E-15 3.08E-15 -3006.530
0.39895 -9047.859 -682.328128
-2.38E-15 1.17E-15 -1564.033
0.59930 -9249.805 -689.340628
-2.38E-15 -7.34E-16 -106.635013
0.79965 -9451.751 -696.703055
-2.38E-15 -2.64E-15 1369.697
1.00000 -9653.696 -696.703055
-2.38E-15 -4.55E-15 2850.191

COMB SVO11 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -8845.914 -675.329466
-2.38E-15 3.08E-15 -3006.530
0.39895 -9047.859 -682.328128
-2.38E-15 1.17E-15 -1564.033
0.59930 -9249.805 -689.340628
-2.38E-15 -7.34E-16 -106.635013
0.79965 -9451.751 -696.703055
-2.38E-15 -2.64E-15 1369.697
1.00000 -9653.696 -696.703055
-2.38E-15 -4.55E-15 2850.191

COMB SVO12 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -8845.914 -675.329466
-2.38E-15 3.08E-15 -3006.530
0.39895 -9047.859 -682.328128
-2.38E-15 1.17E-15 -1564.033
0.59930 -9249.805 -689.340628
-2.38E-15 -7.34E-16 -106.635013
0.79965 -9451.751 -696.703055
-2.38E-15 -2.64E-15 1369.697
1.00000 -9653.696 -696.703055
-2.38E-15 -4.55E-15 2850.191

COMB SVO12 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -8845.914 -675.329466
-2.38E-15 3.08E-15 -3006.530
0.39895 -9047.859 -682.328128
-2.38E-15 1.17E-15 -1564.033
0.59930 -9249.805 -689.340628
-2.38E-15 -7.34E-16 -106.635013
0.79965 -9451.751 -696.703055
-2.38E-15 -2.64E-15 1369.697
1.00000 -9653.696 -696.703055
-2.38E-15 -4.55E-15 2850.191

T M2 M3
0.19860 -11627.991 -501.808924
-4.64E-15 3.66E-15 -2493.048
0.39895 -11829.937 -505.308254
-4.64E-15 1.40E-15 -1422.994
0.59930 -12031.883 -508.814504
-4.64E-15 -8.72E-16 -345.488329
0.79965 -12233.828 -516.077218
-4.64E-15 -3.14E-15 747.017124
1.00000 -12435.774 516.077218
-4.64E-15 -5.41E-15 1843.681

COMB SVO12 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -11627.991 -501.808924
-4.64E-15 3.66E-15 -2493.048
0.39895 -11829.937 -505.308254
-4.64E-15 1.40E-15 -1422.994
0.59930 -12031.883 -508.814504
-4.64E-15 -8.72E-16 -345.488329
0.79965 -12233.828 -516.077218
-4.64E-15 -3.14E-15 747.017124
1.00000 -12435.774 516.077218
-4.64E-15 -5.41E-15 1843.681
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L F O R C E S

COMB SVO13 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -11626.359 -631.236491
-2.90E-15 3.44E-15 -2958.049
0.39895 -11828.304 -634.735822
-2.90E-15 1.31E-15 -1612.961
0.59930 -12030.250 -638.242072
-2.90E-15 -8.19E-16 -260.421586
0.79965 -12232.196 -645.504785
-2.90E-15 -2.95E-15 1107.117
1.00000 -12434.141 -645.504785
-2.90E-15 -5.08E-15 2478.815

COMB SVO13 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -11626.359 -631.236491
-2.90E-15 3.44E-15 -2958.049
0.39895 -11828.304 -634.735822
-2.90E-15 1.31E-15 -1612.961
0.59930 -12030.250 -638.242072
-2.90E-15 -8.19E-16 -260.421586
0.79965 -12232.196 -645.504785
-2.90E-15 -2.95E-15 1107.117
1.00000 -12434.141 -645.504785
-2.90E-15 -5.08E-15 2478.815

COMB SVO14 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -9134.991 -409.846284
-4.01E-15 3.03E-15 -2015.416
0.39895 -9336.936 -413.345614
-4.01E-15 1.15E-15 -1140.782
0.59930 -9538.882 -416.851864
-4.01E-15 -7.20E-16 -258.697335
0.79965 -9740.828 -424.114578
-4.01E-15 -2.59E-15 638.387509
1.00000 -9942.773 -424.114578
-4.01E-15 -4.47E-15 1539.631

COMB SVO14 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -9134.991 -409.846284
-4.01E-15 3.03E-15 -2015.416
0.39895 -9336.936 -413.345614
-4.01E-15 1.15E-15 -1140.782
0.59930 -9538.882 -416.851864
-4.01E-15 -7.20E-16 -258.697335
0.79965 -9740.828 -424.114578
-4.01E-15 -2.59E-15 638.387509
1.00000 -9942.773 -424.114578
-4.01E-15 -4.47E-15 1539.631

COMB SVO15 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -9133.358 -539.273851
-2.27E-15 2.80E-15 -2480.417
0.39895 -9335.304 -542.773182
-2.27E-15 1.07E-15 -1330.749
0.59930 -9537.249 -545.743432
-2.27E-15 -6.67E-16 -173.630592
0.79965 -9739.195 -553.542145
-2.27E-15 -2.40E-15 998.487833
1.00000 -9941.141 -553.542145
-2.27E-15 -4.14E-15 2174.765

COMB SVO15 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -9133.358 -539.273851
-2.27E-15 2.80E-15 -2480.417
0.39895 -9335.304 -542.773182
-2.27E-15 1.07E-15 -1330.749
0.59930 -9537.249 -545.743432
-2.27E-15 -6.67E-16 -173.630592
0.79965 -9739.195 -553.542145
-2.27E-15 -2.40E-15 998.487833
1.00000 -9941.141 -553.542145
-2.27E-15 -4.14E-15 2174.765
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L F O R C E S

COMB SVO16 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -17905.557 -616.173180
-4.04E-15 4.40E-15 -3186.469
0.39895 -18168.037 -616.173180
-4.04E-15 1.68E-15 -1877.101
0.59930 -18430.567 -616.173180
-4.04E-15 -1.05E-15 -567.732590
0.79965 -18693.096 -625.485080
-4.04E-15 -3.77E-15 756.020897
1.00000 -18955.625 -625.485080
-4.04E-15 -6.50E-15 2085.177

COMB SVO16 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -17905.557 -616.173180
-4.04E-15 4.40E-15 -3186.469
0.39895 -18168.037 -616.173180
-4.04E-15 1.68E-15 -1877.101
0.59930 -18430.567 -616.173180
-4.04E-15 -1.05E-15 -567.732590
0.79965 -18693.096 -625.485080
-4.04E-15 -3.77E-15 756.020897
1.00000 -18955.625 -625.485080
-4.04E-15 -6.50E-15 2085.177

REL DIST P V2 V3
T M2 M3
0.19860 -17905.557 -616.173180
-4.04E-15 4.40E-15 -3186.469
0.39895 -18168.037 -616.173180
-4.04E-15 1.68E-15 -1877.101
0.59930 -18430.567 -616.173180
-4.04E-15 -1.05E-15 -567.732590
0.79965 -18693.096 -625.485080
-4.04E-15 -3.77E-15 756.020897
1.00000 -18955.625 -625.485080
-4.04E-15 -6.50E-15 2085.177

COMB ULO02 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -12545.557 -418.453504
-2.70E-15 3.03E-15 -2159.559
0.39895 -12808.086 -418.453504
-2.70E-15 1.16E-15 -1270.346
0.59930 -13070.615 -418.453504
-2.70E-15 -7.22E-16 -381.131952
0.79965 -13333.145 -427.765404
-2.70E-15 -2.60E-15 522.467224
1.00000 -13595.674 -427.765404
-2.70E-15 -4.48E-15 1431.469

COMB ULO02 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -12545.557 -418.453504
-2.70E-15 3.03E-15 -2159.559
0.39895 -12808.086 -418.453504
-2.70E-15 1.16E-15 -1270.346
0.59930 -13070.615 -418.453504
-2.70E-15 -7.22E-16 -381.131952
0.79965 -13333.145 -427.765404
-2.70E-15 -2.60E-15 522.467224
1.00000 -13595.674 -427.765404
-2.70E-15 -4.48E-15 1431.469

COMB ULO03 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -11499.688 -877.928306
-3.09E-15 4.01E-15 -3908.488
0.39895 -11762.217 -887.026566
-3.09E-15 1.53E-15 -2033.243
0.59930 -12024.746 -896.142816
-3.09E-15 -9.54E-16 -138.625517
0.79965 -12287.276 -905.713971
-3.09E-15 -3.44E-15 1780.607
1.00000 -12549.805 -905.713971
-3.09E-15 -5.92E-15 3705.249

COMB ULO03 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -11499.688 -877.928306
-3.09E-15 4.01E-15 -3908.488
0.39895 -11762.217 -887.026566
-3.09E-15 1.53E-15 -2033.243
0.59930 -12024.746 -896.142816
-3.09E-15 -9.54E-16 -138.625517
0.79965 -12287.276 -905.713971
-3.09E-15 -3.44E-15 1780.607
1.00000 -12549.805 -905.713971
-3.09E-15 -5.92E-15 3705.249
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L F O R C E S

COMB ULO04 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -15114.266 -820.607438
-3.77E-15 4.47E-15 -3845.463
0.39895 -15376.796 -825.156568
-3.77E-15 1.70E-15 -2096.849
0.59930 -15639.325 -829.714693
-3.77E-15 1.06E-15 -338.548062
0.79965 -15901.854 -839.156221
-3.77E-15 -3.83E-15 1439.253
1.00000 -16164.384 -839.156221
-3.77E-15 -6.60E-15 3222.460

COMB ULO04 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -15114.266 -820.607438
-3.77E-15 4.47E-15 -3845.463
0.39895 -15376.796 -825.156568
-3.77E-15 1.70E-15 -2096.849
0.59930 -15639.325 -829.714693
-3.77E-15 1.06E-15 -338.548062
0.79965 -15901.854 -839.156221
-3.77E-15 -3.83E-15 1439.253
1.00000 -16164.384 -839.156221
-3.77E-15 -6.60E-15 3222.460

COMB ULO05 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -11873.366 -701.056006
-2.95E-15 3.64E-15 -3224.542
0.39895 -12135.895 -705.605136
-2.95E-15 1.39E-15 -1729.974
0.59930 -12398.424 -710.163261
-2.95E-15 -8.67E-16 -225.719770
0.79965 -12660.954 -719.604789
-2.95E-15 -3.12E-15 1298.034
1

REL DIST	T	P	M2	M3	V2	V3
0.19860	-8161.856	-747.603016				9.19E-16
-2.35E-15	3.15E-15	-3261.429				9.19E-16
0.39895	-8353.705	-756.351343				9.19E-16
-2.35E-15	1.20E-15	-1663.496				9.19E-16
0.59930	-8545.553	-765.116968				9.19E-16
-2.35E-15	-7.51E-16	-46.936108				9.19E-16
0.79965	-8737.991	-774.320002				9.19E-16
-2.35E-15	-2.70E-15	1593.292				9.19E-16
1.00000	-8929.250	-774.320002				9.19E-16
-2.35E-15	-4.66E-15	3238.722				9.19E-16

COMB UEO11 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.19860	-8161.856	-747.603016				9.19E-16
-2.35E-15	3.15E-15	-3261.429				9.19E-16
0.39895	-8353.705	-756.351343				9.19E-16
-2.35E-15	1.20E-15	-1663.496				9.19E-16
0.59930	-8545.553	-765.116968				9.19E-16
-2.35E-15	-7.51E-16	-46.936108				9.19E-16
0.79965	-8737.401	-774.320002				9.19E-16
-2.35E-15	-2.70E-15	1593.292				9.19E-16
1.00000	-8929.250	-774.320002				9.19E-16
-2.35E-15	-4.66E-15	3238.722				9.19E-16

COMB UEO12 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.19860	-11639.453	-530.702338				1.13E-15
-5.18E-15	3.88E-15	-2619.578				1.13E-15
0.39895	-11831.302	-535.076501				1.13E-15
-5.18E-15	1.48E-15	-1487.197				1.13E-15
0.59930	-12023.150	-539.459314				1.13E-15
-5.18E-15	-9.23E-16	-345.502752				1.13E-15
0.79965	-12214.999	-548.537706				1.13E-15
-5.18E-15	-3.33E-15	814.941579				1.13E-15
1.00000	-12406.847	-548.537706				1.13E-15
-5.18E-15	-5.73E-15	1980.584				1.13E-15

COMB UEO12 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.19860	-11639.453	-530.702338				1.13E-15
-5.18E-15	3.88E-15	-2619.578				1.13E-15
0.39895	-11831.302	-535.076501				1.13E-15
-5.18E-15	1.48E-15	-1487.197				1.13E-15
0.59930	-12023.150	-539.459314				1.13E-15
-5.18E-15	-9.23E-16	-345.502752				1.13E-15
0.79965	-12214.999	-548.537706				1.13E-15
-5.18E-15	-3.33E-15	814.941579				1.13E-15
1.00000	-12406.847	-548.537706				1.13E-15
-5.18E-15	-5.73E-15	1980.584				1.13E-15

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FRAME ELEMENT INTERNAL FORCES

COMB UEO13 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.19860	-11637.413	-692.486797				1.05E-15
-3.00E-15	3.60E-15	-3200.828				1.05E-15
0.39895	-11829.261	-696.860961				1.05E-15
-3.00E-15	1.37E-15	-1724.656				1.05E-15
0.59930	-12021.110	-701.243773				1.05E-15
-3.00E-15	-8.57E-16	-239.169324				1.05E-15
0.79965	-12212.958	-710.322165				1.05E-15
-3.00E-15	-3.09E-15	1265.067				1.05E-15
1.00000	-12400.861	-710.322165				1.05E-15
-3.00E-15	-5.31E-15	2774.502				1.05E-15

COMB UEO13 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.19860	-11637.413	-692.486797				1.05E-15
-3.00E-15	3.60E-15	-3200.828				1.05E-15
0.39895	-11829.261	-696.860961				1.05E-15
-3.00E-15	1.37E-15	-1724.656				1.05E-15
0.59930	-12021.110	-701.243773				1.05E-15
-3.00E-15	-8.57E-16	-239.169324				1.05E-15
0.79965	-12212.958	-710.322165				1.05E-15
-3.00E-15	-3.09E-15	1265.067				1.05E-15
1.00000	-12404.806	-710.322165				1.05E-15
-3.00E-15	-5.31E-15	2774.502				1.05E-15

COMB UEO14 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.19860	-8523.203	-415.749038				8.98E-16
-4.39E-15	1.18E-15	-1134.433				8.98E-16
0.39895	-8715.051	-420.123202				8.98E-16
-4.39E-15	1.18E-15	-1134.433				8.98E-16
0.59930	-8906.899	-424.506014				8.98E-16
-4.39E-15	-7.34E-16	-237.014009				8.98E-16
0.79965	-9098.748	-433.584406				8.98E-16
-4.39E-15	-2.64E-15	679.154560				8.98E-16
1.00000	-9290.596	-433.584406				8.98E-16
-4.39E-15	-4.55E-15	1600.521				8.98E-16

COMB UEO14 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.19860	-8523.203	-415.749038				8.98E-16
-4.39E-15	3.08E-15	-2022.538				8.98E-16
0.39895	-8715.051	-420.123202				8.98E-16
-4.39E-15	1.18E-15	-1134.433				8.98E-16
0.59930	-8906.899	-424.506014				8.98E-16
-4.39E-15	-7.34E-16	-237.014009				8.98E-16
0.79965	-9098.748	-433.584406				8.98E-16
-4.39E-15	-2.64E-15	679.154560				8.98E-16
1.00000	-9290.596	-433.584406				8.98E-16
-4.39E-15	-4.55E-15	1600.521				8.98E-16

COMB UEO15 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.19860	-8521.162	-577.533497				8.17E-16
-2.22E-15	2.80E-15	-2603.788				8.17E-16
0.39895	-8713.010	-581.907661				8.17E-16
-2.22E-15	1.07E-15	-1371.891				8.17E-16
0.59930	-8904.859	-586.290473				8.17E-16
-2.22E-15	-6.67E-16	-130.60581				8.17E-16
0.79965	-9098.707	-595.368865				8.17E-16
-2.22E-15	-2.40E-15	1129.290				8.17E-16
1.00000	-9286.556	-595.368865				8.17E-16
-2.22E-15	-4.14E-15	2394.439				8.17E-16

COMB UEO15 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.19860	-8521.162	-577.533497				8.17E-16
-2.22E-15	2.80E-15	-2603.788				8.17E-16
0.39895	-8713.010	-581.907661				8.17E-16
-2.22E-15	1.07E-15	-1371.891				8.17E-16

0.59930	-8904.859	-586.290473	8.17E-16
-2.22E-15	-6.67E-16	-130.680581	8.17E-16
0.79965	-9096.707	-595.368865	8.17E-16
-2.22E-15	-2.40E-15	1129.280	8.17E-16
1.00000	-9288.556	-595.368865	8.17E-16
-2.22E-15	-4.14E-15	2394.439	8.17E-16

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FRAME ELEMENT INTERNAL FORCES

COMB UEO16 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.19860	-9650.428	-321.887311				6.80E-16
-2.07E-15	2.33E-15	-1661.199				6.80E-16
0.39895	-9852.374	-321.887311				6.80E-16
-2.07E-15	8.89E-16	-977.188961				6.80E-16
0.59930	-10054.320	-321.887311				6.80E-16
-2.07E-15	-5.55E-16	-293.178425				6.80E-16
0.79965	-10256.265	-329.050311				6.80E-16
-2.07E-15	-2.00E-15	401.897884				6.80E-16
1.00000	-10458.211	-329.050311				6.80E-16
-2.07E-15	-3.44E-15	1101.130				6.80E-16

COMB UEO16 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.19860	-9650.428	-321.887311				6.80E-16
-2.07E-15	2.33E-15	-1661.199				6.80E-16
0.39895	-9852.374	-321.887311				6.80E-16
-2.07E-15	8.89E-16	-977.188961				6.80E-16
0.59930	-10054.320	-321.887311				6.80E-16
-2.07E-15	-5.55E-16	-293.178425				6.80E-16
0.79965	-10256.265	-329.050311				6.80E-16
-2.07E-15	-2.00E-15	401.897884				6.80E-16
1.00000	-10458.211	-329.050311				6.80E-16
-2.07E-15	-3.44E-15	1101.130				6.80E-16

COMB UEO17 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.19860	-12890.922	-441.446120				9.21E-16
-2.89E-15	3.16E-15	-2283.749				9.21E-16
0.39895	-13092.867	-441.446120				9.21E-16
-2.89E-15	1.20E-15	-1345.676				9.21E-16
0.59930	-13294.813	-441.446120				9.21E-16
-2.89E-15	-7.52E-16	-407.602586				9.21E-16
0.79965	-13496.759	-450.758020				9.21E-16
-2.89E-15	-1.03E-15	-1345.676				9.21E-16
1.00000	-13698.704	-450.758020				9.21E-16
-2.89E-15	-4.67E-15	1502.717				9.21E-16

COMB UEO17 ----- MIN

REL DIST	T	P	M2	M3	V2	V3
0.19860	-12890.922	-441.446120				9.21E-16
-2.89E-15	3.16E-15	-2283.749				9.21E-16
0.39895	-13092.867	-441.446120				9.21E-16
-2.89E-15	1.20E-15	-1345.676				9.21E-16
0.59930	-13294.813	-441.446120				9.21E-16
-2.89E-15	-7.52E-16	-407.602586				9.21E-16
0.79965	-13496.759	-450.758020				9.21E-16
-2.89E-15	-1.03E-15	-1345.676				9.21E-16
1.00000	-13698.704	-450.758020				9.21E-16
-2.89E-15	-4.67E-15	1502.717				9.21E-16

COMB UEO18 ----- MAX

REL DIST	T	P	M2	M3	V2	V3
0.19860	-7719.561	-713.836543				8.74E-16
-2.23E-15	3.00E-15	-3111.103				
0.39895	-7901.312	-722.234937				8.74E-16
-2.23E-15	1.14E-15	-1585.295				
0.59930	-8083.063	-730.649937				8.74E-16
-2.23E-15	7.14E-16	-41.604357				
0.79965	-8264.814	-739.484849				8.74E-16
-2.23E-15	-2.57E-15	1524.807				
1.00000	-8446.565	-739.484849				8.74E-16
-2.23E-15	-4.43E-15	3096.212				

REL DIST						P	V2	V3	COMB						SVB06	-----	MAX	11.840708						-2518.335	1091.007	-4.419595						-68.211681	1774.966	30.147992							
T						M2	M3		REL DIST						P	V2	V3	0.59930						-9828.251	321.862722	464.438625						0.39895	-9626.305	321.862722	33.654242						
9.44E-15						-2.97E-15	2277.565		0.19860						-11812.669	413.825362	397.130142	11.840708						-3497.816	407.048981	464.638052						-4.419595	-128.550787	1091.007	33.753955						
0.39895						-12014.614	413.825362		20.679898						-1417.331	2277.565		11.840708						-4485.166	-276.909303	464.638052						0.79965	-10030.196	321.862722	33.753955						
9.44E-15						-1.13E-15	1398.186		0.39895						-12014.614	413.825362	397.130142	11.840708						-5472.522	-960.867586	COMB						0.79965	-10030.196	321.862722	33.753955						
0.59930						-12216.560	413.825362		20.679898						-2261.233	1398.186		11.840708								SVB11						0.79965	-10030.196	321.862722	33.753955						
9.44E-15						7.06E-16	518.807106		0.59930						-12216.560	413.825362	397.130142	11.840708								MAX						0.79965	-10030.196	321.862722	33.753955						
0.79965						-12418.506	413.825362		20.679898						-3105.135	518.807106		11.840708								REL DIST						0.79965	-10030.196	321.862722	33.753955						
9.44E-15						2.54E-15	-360.571788		0.79965						-12418.506	413.825362	397.130142	11.840708								T						0.79965	-10030.196	321.862722	33.753955						
1.00000						-12620.451	413.825362		20.679898						-3949.036	-360.571788		11.840708								P						0.79965	-10030.196	321.862722	33.753955						
9.44E-15						4.38E-15	-1239.951		1.00000						-12620.451	413.825362	397.130142	11.840708								M2						0.79965	-10030.196	321.862722	33.753955						
									20.679898						-4792.938	-1239.951		11.840708								M3						0.79965	-10030.196	321.862722	33.753955						
COMB						SVB02	-----	MAX	COMB						SVB06	-----	MIN	REL DIST						P	V2	V3	REL DIST						P	V2	V3	REL DIST					
T						M2	M3		T						M2	M3		T						M2	M3		T						M2	M3		T					
0.19860						-9424.359	321.862722	-6.79E-16	0.19860						-11812.669	413.825362	397.130142	-8.839191						-136.423361	1774.966	-8.839191						-136.423361	1774.966	60.295983	-8.839191						
7.37E-15						-2.33E-15	1774.966		0.39895						-12014.614	413.825362	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
0.39895						-9626.305	321.862722	-6.79E-16	0.79965						-12418.506	413.825362	397.130142	0.79965						-10030.196	321.862722	0.79965						-10030.196	321.862722	67.507910	0.79965						
7.37E-15						-8.88E-16	1091.007		0.59930						-9828.251	321.862722	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
0.59930						-9828.251	321.862722	-6.79E-16	0.79965						-12418.506	413.825362	397.130142	0.79965						-10030.196	321.862722	0.79965						-10030.196	321.862722	67.507910	0.79965						
7.37E-15						5.55E-16	407.048981		0.59930						-9828.251	321.862722	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
0.79965						-10030.196	321.862722	-6.79E-16	0.79965						-12418.506	413.825362	397.130142	0.79965						-10030.196	321.862722	0.79965						-10030.196	321.862722	67.507910	0.79965						
7.37E-15						2.00E-15	-276.909303		0.59930						-9828.251	321.862722	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
1.00000						-10232.142	321.862722	-6.79E-16	0.59930						-9828.251	321.862722	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
7.37E-15						3.44E-15	-960.867586		0.59930						-9828.251	321.862722	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
COMB						SVB02	-----	MIN	COMB						SVB07	-----	MAX	REL DIST						P	V2	V3	REL DIST						P	V2	V3	REL DIST					
T						M2	M3		T						M2	M3		T						M2	M3		T						M2	M3		T					
0.19860						-9424.359	321.862722	-6.79E-16	0.19860						-11812.669	413.825362	-8.65E-16	0.19860						-11812.669	413.825362	0.19860						-11812.669	413.825362	423.778803	0.19860						
7.37E-15						-2.33E-15	1774.966		0.39895						-12014.614	413.825362	-8.65E-16	0.39895						-12014.614	413.825362	0.39895						-12014.614	413.825362	427.278133	0.39895						
0.39895						-9626.305	321.862722	-6.79E-16	0.59930						-9828.251	321.862722	-8.65E-16	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	430.784383	0.59930						
7.37E-15						-8.88E-16	1091.007		0.79965						-12418.506	413.825362	-8.65E-16	0.79965						-12418.506	413.825362	0.79965						-12418.506	413.825362	430.884097	0.79965						
0.59930						-9828.251	321.862722	-6.79E-16	0.59930						-9828.251	321.862722	-8.65E-16	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	430.884097	0.59930						
0.79965						-10030.196	321.862722	-6.79E-16	0.79965						-12418.506	413.825362	-8.65E-16	0.79965						-12418.506	413.825362	0.79965						-12418.506	413.825362	430.884097	0.79965						
7.37E-15						2.00E-15	-276.909303		0.59930						-9828.251	321.862722	-8.65E-16	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	430.884097	0.59930						
1.00000						-10232.142	321.862722	-6.79E-16	0.59930						-9828.251	321.862722	-8.65E-16	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	430.884097	0.59930						
7.37E-15						3.44E-15	-960.867586		0.59930						-9828.251	321.862722	-8.65E-16	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	430.884097	0.59930						
COMB						SVB04	-----	MAX	COMB						SVB08	-----	MIN	REL DIST						P	V2	V3	REL DIST						P	V2	V3	REL DIST					
T						M2	M3		T						M2	M3		T						M2	M3		T						M2	M3		T					
0.19860						-9424.359	321.862722	-6.79E-16	0.19860						-11812.669	413.825362	397.130142	-8.839191						-136.423361	1774.966	-8.839191						-136.423361	1774.966	60.295983	-8.839191						
7.37E-15						-2.33E-15	1774.966		0.39895						-12014.614	413.825362	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
0.39895						-9626.305	321.862722	-6.79E-16	0.79965						-12418.506	413.825362	397.130142	0.79965						-10030.196	321.862722	0.79965						-10030.196	321.862722	67.507910	0.79965						
7.37E-15						-8.88E-16	1091.007		0.59930						-9828.251	321.862722	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
0.59930						-9828.251	321.862722	-6.79E-16	0.79965						-12418.506	413.825362	397.130142	0.79965						-10030.196	321.862722	0.79965						-10030.196	321.862722	67.507910	0.79965						
7.37E-15						5.55E-16	407.048981		0.59930						-9828.251	321.862722	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
0.79965						-10030.196	321.862722	-6.79E-16	0.79965						-12418.506	413.825362	397.130142	0.79965						-10030.196	321.862722	0.79965						-10030.196	321.862722	67.507910	0.79965						
7.37E-15						2.00E-15	-276.909303		0.59930						-9828.251	321.862722	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
1.00000						-10232.142	321.862722	-6.79E-16	0.59930						-9828.251	321.862722	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
7.37E-15						3.44E-15	-960.867586		0.59930						-9828.251	321.862722	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
COMB						SVB05	-----	MAX	COMB						SVB09	-----	MIN	REL DIST						P	V2	V3	REL DIST						P	V2	V3	REL DIST					
T						M2	M3		T						M2	M3		T						M2	M3		T						M2	M3		T					
0.19860						-9424.359	321.862722	-6.79E-16	0.19860						-11812.669	413.825362	397.130142	-8.839191						-136.423361	1774.966	-8.839191						-136.423361	1774.966	60.295983	-8.839191						
7.37E-15						-2.33E-15	1774.966		0.39895						-12014.614	413.825362	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
0.39895						-9626.305	321.862722	-6.79E-16	0.79965						-12418.506	413.825362	397.130142	0.79965						-10030.196	321.862722	0.79965						-10030.196	321.862722	67.507910	0.79965						
7.37E-15						-8.88E-16	1091.007		0.59930						-9828.251	321.862722	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
0.59930						-9828.251	321.862722	-6.79E-16	0.79965						-12418.506	413.825362	397.130142	0.79965						-10030.196	321.862722	0.79965						-10030.196	321.862722	67.507910	0.79965						
7.37E-15						5.55E-16	407.048981		0.59930						-9828.251	321.862722	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
0.79965						-10030.196	321.862722	-6.79E-16	0.79965						-12418.506	413.825362	397.130142	0.79965						-10030.196	321.862722	0.79965						-10030.196	321.862722	67.507910	0.79965						
7.37E-15						2.00E-15	-276.909303		0.59930						-9828.251	321.862722	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
1.00000						-10232.142	321.862722	-6.79E-16	0.59930						-9828.251	321.862722	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
7.37E-15						3.44E-15	-960.867586		0.59930						-9828.251	321.862722	397.130142	0.59930						-9828.251	321.862722	0.59930						-9828.251	321.862722	67.308483	0.59930						
COMB						SVB10	-----	MAX	COMB						SVB11	-----	MIN																								

1.00000	-16406.587	537.972970	43.880142	0.79965	-13039.255	418.421538	-8.83E-16	REL DIST	T	P	M2	M3	V2	V3	COMB	ULB18	-----	MIN			
5.745474	-441.729542	-1611.936		9.58E-15	2.60E-15	-359.982093		REL DIST	T	P	M2	M3	V2	V3	REL DIST	T	P	M2	M3	V2	V3
COMB	ULB05	-----	MAX	1.00000	-13301.785	418.421538	-8.83E-16	20.325379	-11780.449	402.328402	529.723503				0.19860	-11309.231	386.235266	63.956786			
REL DIST	T	P	M2	M3	V2	V3		0.39895	-1856.929	2218.707					0.19860	-11309.231	386.235266	63.956786			
0.19860	-12251.667	418.421538	34.643259	0.39895	-12251.667	418.421538		20.325379	-12802.881	402.328402	534.097667				-10.607029	-163.708034	2129.959				
5.745474	-88.675185	2307.455		0.39895	-12251.667	418.421538		0.59930	-11285.313	402.328402	538.480479				0.39895	-11551.566	386.235266	72.355180			
0.39895	-12514.197	418.421538	39.192389	5.745474	-167.116023	1418.309		20.325379	-12837.230	1363.759					-10.607029	-308.521888	1309.209				
0.59930	-12776.726	418.421538	43.750514	0.39895	-12514.197	418.421538		0.79965	-12537.745	402.328402	538.605121				0.59930	-11793.901	386.235266	80.770180			
-5.745474	-255.242857	529.163676		5.745474	-167.116023	1418.309		20.325379	-5271.376	-346.136628					-10.607029	-471.217582	488.458778				
0.79965	-13039.255	418.421538		0.59930	-12776.726	418.421538		1.00000	-12790.178	402.328402	538.605121				0.79965	-12036.236	386.235266	81.009492			
-5.745474	-348.484241	-359.982093		5.745474	-167.116023	1418.309		20.325379	-6415.912	-1201.084					-10.607029	-643.355522	-332.291163				
1.00000	-13301.785	418.421538	43.880142	0.79965	-13039.255	418.421538		COMB	ULB14	-----	MIN				1.00000	-12278.570	386.235266	81.009492			
-5.745474	-441.729542	-1249.128		9.58E-15	2.60E-15	-359.982093		REL DIST	T	P	M2	M3	V2	V3	COMB	UEB01	-----	MAX			
COMB	ULB05	-----	MIN	1.00000	-13301.785	418.421538	-8.83E-16	0.19860	-11780.449	402.328402	529.723503				REL DIST	T	P	M2	M3	V2	V3
REL DIST	T	P	M2	M3	V2	V3		0.39895	-1856.929	2218.707					0.19860	-14559.225	519.582397				
0.19860	-12251.667	418.421538	34.643259	0.39895	-12032.881	402.328402		20.325379	-2987.230	1363.759					1.18E-14	-3.70E-15	2855.554				
5.745474	-88.675185	2307.455		0.59930	-12776.726	418.421538		0.59930	-12285.313	402.328402	538.480479				0.39895	-14761.170	519.582397	-1.08E-15			
0.39895	-12514.197	418.421538	39.192389	5.745474	-255.242857	529.163676		20.325379	-4126.844	508.811227					1.18E-14	-1.41E-15	1751.442				
0.59930	-12776.726	418.421538	43.750514	0.79965	-12537.745	402.328402		0.79965	-12537.745	402.328402	538.605121				0.59930	-14963.116	519.582397	-1.08E-15			
-5.745474	-255.242857	529.163676		5.745474	-167.116023	1418.309		20.325379	-5271.376	-346.136628					1.18E-14	8.81E-16	647.328949				
0.79965	-13039.255	418.421538		0.59930	-12776.726	418.421538		1.00000	-12790.178	402.328402	538.605121				0.79965	-15165.062	519.582397	-1.08E-15			
-5.745474	-348.484241	-359.982093		5.745474	-167.116023	1418.309		20.325379	-6415.912	-1201.084					1.18E-14	3.17E-15	-456.783646				
1.00000	-13301.785	418.421538	43.880142	0.79965	-13039.255	418.421538		Program	SAP2000	Nonlinear	Version 7.42				1.00000	-15367.007	519.582397	-1.08E-15			
-5.745474	-441.729542	-1249.128		9.58E-15	2.60E-15	-359.982093		File:청도1교하행_P9_본세.OUT							1.18E-14	5.46E-15	-1560.896				
COMB	ULB05	-----	MIN	1.00000	-13301.785	418.421538	-8.83E-16	REL DIST	T	P	M2	M3	V2	V3	COMB	UEB01	-----	MIN			
REL DIST	T	P	M2	M3	V2	V3		0.19860	-11780.449	402.328402	529.723503				REL DIST	T	P	M2	M3	V2	V3
0.19860	-12251.667	418.421538	34.643259	0.39895	-12032.881	402.328402		0.39895	-1856.929	2218.707					0.19860	-14559.225	519.582397	-1.08E-15			
5.745474	-88.675185	2307.455		0.59930	-12776.726	418.421538		20.325379	-2987.230	1363.759					1.18E-14	-3.70E-15	2855.554				
0.39895	-12514.197	418.421538	39.192389	5.745474	-255.242857	529.163676		0.59930	-12285.313	402.328402	538.480479				0.39895	-14761.170	519.582397	-1.08E-15			
0.59930	-12776.726	418.421538	43.750514	0.79965	-12537.745	402.328402		20.325379	-4126.844	508.811227					1.18E-14	-1.41E-15	1751.442				
-5.745474	-255.242857	529.163676		5.745474	-167.116023	1418.309		0.79965	-12537.745	402.328402	538.605121				0.59930	-14963.116	519.582397	-1.08E-15			
0.79965	-13039.255	418.421538		5.745474	-167.116023	1418.309		20.325379	-5271.376	-346.136628					1.18E-14	8.81E-16	647.328949				
-5.745474	-348.484241	-359.982093		0.59930	-12776.726	418.421538		1.00000	-12790.178	402.328402	538.605121				0.79965	-15165.062	519.582397	-1.08E-15			
1.00000	-13301.785	418.421538	43.880142	0.79965	-13039.255	418.421538		20.325379	-6415.912	-1201.084					1.18E-14	3.17E-15	-456.783646				
-5.745474	-441.729542	-1249.128		9.58E-15	2.60E-15	-359.982093		Program	SAP2000	Nonlinear	Version 7.42				1.00000	-15367.007	519.582397	-1.08E-15			
COMB	ULB05	-----	MIN	1.00000	-13301.785	418.421538	-8.83E-16	File:청도1교하행_P9_본세.OUT							1.18E-14	5.46E-15	-1560.896				
REL DIST	T	P	M2	M3	V2	V3		REL DIST	T	P	M2	M3	V2	V3	COMB	UEB01	-----	MIN			
0.19860	-12251.667	418.421538	34.643259	0.39895	-12032.881	402.328402		0.19860	-11780.449	402.328402	529.723503				REL DIST	T	P	M2	M3	V2	V3
5.745474	-88.675185	2307.455		0.59930	-12776.726	418.421538		0.39895	-1856.929	2218.707					0.19860	-14559.225	519.582397	-1.08E-15			
0.39895	-12514.197	418.421538	39.192389	5.745474	-255.242857	529.163676		20.325379	-2987.230	1363.759					1.18E-14	-3.70E-15	2855.554				
0.59930	-12776.726	418.421538	43.750514	0.79965	-12537.745	402.328402		0.59930	-12285.313	402.328402	538.480479				0.39895	-14761.170	519.582397	-1.08E-15			
-5.745474	-255.242857	529.163676		5.745474	-167.116023	1418.309		20.325379	-4126.844	508.811227					1.18E-14	-1.41E-15	1751.442				
0.79965	-13039.255	418.421538		0.59930	-12776.726	418.421538		0.79965	-12537.745	402.328402	538.605121				0.59930	-14963.116	519.582397	-1.08E-15			
-5.745474	-348.484241	-359.982093		5.745474	-167.116023	1418.309		20.325379	-5271.376	-346.136628					1.18E-14	8.81E-16	647.328949				
1.00000	-13301.785	418.421538	43.880142	0.79965	-13039.255	418.421538		1.00000	-12790.178	402.328402	538.605121				0.79965	-15165.062	519.582397	-1.08E-15			
-5.745474	-441.729542	-1249.128		9.58E-15	2.60E-15	-359.982093		20.325379	-6415.912	-1201.084					1.18E-14	3.17E-15	-456.783646				
COMB	ULB05	-----	MIN	1.00000	-13301.785	418.421538	-8.83E-16	Program	SAP2000	Nonlinear	Version 7.42				1.00000	-15367.007	519.582397	-1.08E-15			
REL DIST	T	P	M2	M3	V2	V3		File:청도1교하행_P9_본세.OUT							1.18E-14	5.46E-15	-1560.896				
0.19860	-12251.667	418.421538	34.643259	0.39895	-12032.881	402.328402		REL DIST	T	P	M2	M3	V2	V3	COMB	UEB01	-----	MIN			
5.745474	-88.675185	2307.455		0.59930	-12776.726	418.421538		0.19860	-11780.449	402.328402	529.723503				REL DIST	T	P	M2	M3	V2	V3
0.39895	-12514.197	418.421538	39.192389	5.745474	-255.242857	529.163676		0.39895	-1856.929	2218.707					0.19860	-14559.225	519.582397	-1.08E-15			
0.59930	-12776.726	418.421538	43.750514	0.79965	-12537.745	402.328402		20.325379	-2987.230	1363.759					1.18E-14	-3.70E-15	2855.554				
-5.745474	-255.242857	529.163676		5.745474	-167.116023	1418.309		0.59930	-12285.313	402.328402	538.480479				0.39895	-14761.170	519.582397	-1.08E-15			
0.79965	-13039.255	418.421538		0.59930	-12776.726	418.421538		20.325379	-4126.844	508.811227					1.18E-14	-1.41E-15	1751.442				
-5.745474	-348.484241	-359.982093		0.79965	-12537.745	402.328402		0.79965	-12537.745	402.328402	538.605121				0.59930	-14963.116	519.582397	-1.08E-15			
1.00000	-13301.785	418.421538	43.880142	5.745474	-167.116023	1418.309		20.325379	-5271.376	-346.136628					1.18E-14	8.81E-16	647.328949				
-5.745474	-441.729542	-1249.128		0.59930	-12776.726	418.421538		1.00000	-12790.178	402.328402	538.605121				0.79965	-15165.062	519.582397	-1.08E-15			
COMB	ULB05	-----	MIN	1.00000	-13301.785	418.421538	-8.83E-16	20.325379	-6415.912	-1201.084					1.18E-14	3.17E-15	-456.783646				
REL DIST	T	P	M2	M3	V2	V3		20.325379	-6415.912	-1201.084					1.00000	-15367.007	519.582397	-1.08E-15			
0.19860	-12251.667	418.421538	34.643259	0.39895	-12032.881	402.328402		REL DIST</													

REL DIST P V2 V3
T M2 M3
0.19860 -9942.787 120.427351 -8.17E-16
8.64E-15 -2.80E-15 1035.262
0.39895 -10144.732 116.928020 -8.17E-16
8.64E-15 -1.07E-15 783.064134
0.59930 -10346.678 113.421770 -8.17E-16
8.64E-15 6.67E-16 538.317481
0.79965 -10548.624 106.159057 -8.17E-16
8.64E-15 2.40E-15 308.570894
1.00000 -10750.569 106.159057 -8.17E-16
8.64E-15 4.14E-15 82.982855
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FRAME ELEMENT INTERNAL FORCES

COMB SVO06 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -11812.393 284.422384 -9.30E-16
1.17E-14 -3.19E-15 1820.136
0.39895 -12014.339 284.422384 -9.30E-16
1.17E-14 -1.22E-15 1215.738
0.59930 -12216.285 284.422384 -9.30E-16
1.17E-14 7.60E-16 611.340899 -9.30E-16
0.79965 -12418.230 277.259384 -9.30E-16
1.17E-14 2.74E-15 18.009087 -9.30E-16
1.00000 -12620.176 277.259384 -9.30E-16
1.17E-14 4.71E-15 -571.167103

COMB SVO06 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -11812.393 284.422384 -9.30E-16
1.17E-14 -3.19E-15 1820.136
0.39895 -12014.339 284.422384 -9.30E-16
1.17E-14 -1.22E-15 1215.738
0.59930 -12216.285 284.422384 -9.30E-16
1.17E-14 7.60E-16 611.340899 -9.30E-16
0.79965 -12418.230 277.259384 -9.30E-16
1.17E-14 2.74E-15 18.009087 -9.30E-16
1.00000 -12620.176 277.259384 -9.30E-16
1.17E-14 4.71E-15 -571.167103

COMB SVO07 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -11814.026 413.849951 -8.65E-16
9.45E-15 -2.97E-15 2272.403
0.39895 -12015.972 413.849951 -8.65E-16
9.45E-15 -1.13E-15 1392.972
0.59930 -12217.917 413.849951 -8.65E-16
9.45E-15 7.07E-16 513.540633
0.79965 -12419.863 406.686951 -8.65E-16
9.45E-15 5.55E-15 354.824760 -8.65E-16
1.00000 -12621.809 406.686951 -8.65E-16
9.45E-15 4.38E-15 -1219.035

COMB SVO07 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -11814.026 413.849951 -8.65E-16
9.45E-15 -2.97E-15 2272.403
0.39895 -12015.972 413.849951 -8.65E-16
9.45E-15 -1.13E-15 1392.972
0.59930 -12217.917 413.849951 -8.65E-16
9.45E-15 7.07E-16 513.540633
0.79965 -12419.863 406.686951 -8.65E-16
9.45E-15 5.55E-15 354.824760 -8.65E-16
1.00000 -12621.809 406.686951 -8.65E-16
9.45E-15 4.38E-15 -1219.035

COMB SVO08 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -9424.084 192.459744 -7.45E-16
9.62E-15 -2.56E-15 1317.537
0.39895 -9626.030 192.459744 -7.45E-16
9.62E-15 -9.74E-16 908.559730 -7.45E-16
0.59930 -9827.975 192.459744 -7.45E-16
9.62E-15 6.09E-16 499.582774 -7.45E-16
0.79965 -10029.921 185.296744 -7.45E-16
9.62E-15 2.19E-15 101.671572 -7.45E-16
1.00000 -10231.867 185.296744 -7.45E-16
9.62E-15 3.77E-15 -292.084008

COMB SVO08 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -9424.084 192.459744 -7.45E-16
9.62E-15 -2.56E-15 1317.537
0.39895 -9626.030 192.459744 -7.45E-16
9.62E-15 -9.74E-16 908.559730 -7.45E-16
0.59930 -9827.975 192.459744 -7.45E-16
9.62E-15 6.09E-16 499.582774 -7.45E-16
0.79965 -10029.921 185.296744 -7.45E-16
9.62E-15 2.19E-15 101.671572 -7.45E-16
1.00000 -10231.867 185.296744 -7.45E-16
9.62E-15 3.77E-15 -292.084008
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FRAME ELEMENT INTERNAL FORCES

COMB SVO09 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -9425.717 321.887311 -6.80E-16
7.37E-15 -2.33E-15 1769.804
0.39895 -9627.662 321.887311 -6.80E-16
7.37E-15 -8.89E-16 1085.793
0.59930 -9829.608 321.887311 -6.80E-16
7.37E-15 5.55E-16 401.782508 -6.80E-16
0.79965 -10031.554 314.724311 -6.80E-16
7.37E-15 2.00E-15 -271.162275 -6.80E-16
1.00000 -10233.499 314.724311 -6.80E-16
7.37E-15 3.44E-15 -939.951436

COMB SVO09 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -9425.717 321.887311 -6.80E-16
7.37E-15 -2.33E-15 1769.804
0.39895 -9627.662 321.887311 -6.80E-16
7.37E-15 -8.89E-16 1085.793
0.59930 -9829.608 321.887311 -6.80E-16
7.37E-15 5.55E-16 401.782508 -6.80E-16
0.79965 -10031.554 314.724311 -6.80E-16
7.37E-15 2.00E-15 -271.162275 -6.80E-16
1.00000 -10233.499 314.724311 -6.80E-16
7.37E-15 3.44E-15 -939.951436

COMB SVO10 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -10228.599 -135.791101 -9.63E-16
1.16E-14 -3.31E-15 106.072109 -9.63E-16
0.39895 -10430.544 -142.789763 -9.63E-16
0.59930 -10632.490 -149.802263 -9.63E-16
1.16E-14 -1.26E-15 402.049602 -9.63E-16
0.59930 -10632.490 -149.802263 -9.63E-16
1.16E-14 7.87E-16 712.928629 -9.63E-16
0.79965 -10834.436 -157.164690 -9.63E-16
1.16E-14 2.83E-15 1042.742 -9.63E-16
1.00000 -11036.381 -157.164690 -9.63E-16
1.16E-14 4.88E-15 1376.717

COMB SVO10 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -10228.599 -135.791101 -9.63E-16
1.16E-14 -3.31E-15 106.072109 -9.63E-16
0.39895 -10430.544 -142.789763 -9.63E-16
0.59930 -10632.490 -149.802263 -9.63E-16
1.16E-14 -1.26E-15 402.049602 -9.63E-16
0.59930 -10632.490 -149.802263 -9.63E-16
1.16E-14 7.87E-16 712.928629 -9.63E-16
0.79965 -10834.436 -157.164690 -9.63E-16
1.16E-14 2.83E-15 1042.742 -9.63E-16
1.00000 -11036.381 -157.164690 -9.63E-16
1.16E-14 4.88E-15 1376.717

COMB SVO11 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -10230.231 -6.363534 -8.98E-16
9.38E-15 -3.08E-15 558.339004 -8.98E-16
0.39895 -10432.177 -13.362195 -8.98E-16
9.38E-15 -1.17E-15 579.282917 -8.98E-16
0.59930 -10634.122 -20.374695 -8.98E-16
9.38E-15 7.34E-16 615.128363 -8.98E-16
0.79965 -10836.068 -27.737122 -8.98E-16
9.38E-15 2.64E-15 669.908101 -8.98E-16
1.00000 -11038.014 -27.737122 -8.98E-16
9.38E-15 4.55E-15 728.849486

COMB SVO11 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -10230.231 -6.363534 -8.98E-16
9.38E-15 -3.08E-15 558.339004 -8.98E-16
0.39895 -10432.177 -13.362195 -8.98E-16
9.38E-15 -1.17E-15 579.282917 -8.98E-16
0.59930 -10634.122 -20.374695 -8.98E-16
9.38E-15 7.34E-16 615.128363 -8.98E-16
0.79965 -10836.068 -27.737122 -8.98E-16
9.38E-15 2.64E-15 669.908101 -8.98E-16
1.00000 -11038.014 -27.737122 -8.98E-16
9.38E-15 4.55E-15 728.849486
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FRAME ELEMENT INTERNAL FORCES

COMB SVO12 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -12329.464 82.962424 -1.07E-15
1.30E-14 -3.60E-15 1085.594 -1.07E-15
0.39895 -12531.409 79.463093 -1.07E-15
1.30E-14 -1.40E-15 913.009554 -1.07E-15
0.59930 -12733.355 75.956843 -1.07E-15
1.30E-14 8.72E-16 747.875872 -1.07E-15
0.79965 -12935.301 68.694129 -1.07E-15
1.30E-14 3.14E-15 597.742213 -1.07E-15
1.00000 -13137.246 68.694129 -1.07E-15
1.30E-14 5.41E-15 451.767188

COMB SVO12 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -12329.464 82.962424 -1.07E-15
1.30E-14 -3.60E-15 1085.594 -1.07E-15
0.39895 -12531.409 79.463093 -1.07E-15
1.30E-14 -1.40E-15 913.009554 -1.07E-15
0.59930 -12733.355 75.956843 -1.07E-15
1.30E-14 8.72E-16 747.875872 -1.07E-15
0.79965 -12935.301 68.694129 -1.07E-15
1.30E-14 3.14E-15 597.742213 -1.07E-15
1.00000 -13137.246 68.694129 -1.07E-15
1.30E-14 5.41E-15 451.767188

COMB SVO13 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -12331.096 212.389991 -1.00E-15
1.07E-14 -3.44E-15 1537.861 -1.00E-15
0.39895 -12533.042 208.890660 -1.00E-15
1.07E-14 -1.31E-15 1090.243 -1.00E-15
0.59930 -12734.987 205.384410 -1.00E-15
0.79965 -12936.933 198.121697 -1.00E-15
1.07E-14 8.19E-16 650.075606 -1.00E-15
0.79965 -12936.933 198.121697 -1.00E-15
1.07E-14 2.95E-15 224.908364 -1.00E-15
1.00000 -13138.879 198.121697 -1.00E-15
1.07E-14 5.08E-15 -196.100239

COMB SVO13 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -12331.096 212.389991 -1.00E-15
1.07E-14 -3.44E-15 1537.861 -1.00E-15
0.39895 -12533.042 208.890660 -1.00E-15
1.07E-14 -1.31E-15 1090.243 -1.00E-15
0.59930 -12734.987 205.384410 -1.00E-15
0.79965 -12936.933 198.121697 -1.00E-15
1.07E-14 8.19E-16 650.075606 -1.00E-15
0.79965 -12936.933 198.121697 -1.00E-15
1.07E-14 2.95E-15 224.908364 -1.00E-15
1.00000 -13138.879 198.121697 -1.00E-15
1.07E-14 5.08E-15 -196.100239

COMB SVO14 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -9941.154 -9.000216 -8.82E-16
1.09E-14 -3.03E-15 582.994658 -8.82E-16
0.39895 -10143.100 -12.499547 -8.82E-16
1.09E-14 -1.15E-15 605.830820 -8.82E-16
0.59930 -10345.045 -16.005797 -8.82E-16
1.09E-14 7.20E-16 636.117748 -8.82E-16
0.79965 -10546.961 -17.370854 -8.82E-16
1.09E-14 2.59E-15 681.044698 -8.82E-16
1.00000 -10748.937 -23.268511 -8.82E-16
1.09E-14 4.47E-15 730.850283

COMB SVO14 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -9941.154 -9.000216 -8.82E-16
1.09E-14 -3.03E-15 582.994658 -8.82E-16
0.39895 -10143.100 -12.499547 -8.82E-16

1.09E-14 -1.15E-15 605.830820 -8.82E-16
0.59930 -10345.045 -16.005797 -8.82E-16
1.09E-14 7.20E-16 636.117748 -8.82E-16
0.79965 -10546.961 -17.370854 -8.82E-16
1.09E-14 2.59E-15 681.044698 -8.82E-16
1.00000 -10748.937 -23.268511 -8.82E-16
1.09E-14 4.47E-15 730.850283
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FRAME ELEMENT INTERNAL FORCES

COMB SVO15 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -9942.787 120.427351 -8.17E-16
8.64E-15 -2.80E-15 1035.262
0.39895 -10144.732 116.928020 -8.17E-16
8.64E-15 -1.07E-15 783.064134 -8.17E-16
0.59930 -10346.678 113.421770 -8.17E-16
8.64E-15 6.67E-16 538.317481 -8.17E-16
0.79965 -10548.624 106.159057 -8.17E-16
8.64E-15 2.40E-15 308.570894 -8.17E-16
1.00000 -10750.569 106.159057 -8.17E-16
8.64E-15 4.14E-15 82.982855

COMB SVO15 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -9942.787 120.427351 -8.17E-16
8.64E-15 -2.80E-15 1035.262
0.39895 -10144.732 116.928020 -8.17E-16
8.64E-15 -1.07E-15 783.064134 -8.17E-16
0.59930 -10346.678 113.421770 -8.17E-16
8.64E-15 6.67E-16 538.317481 -8.17E-16
0.79965 -10548.624 106.159057 -8.17E-16
8.64E-15 2.40E-15 308.570894 -8.17E-16
1.00000 -10750.569 106.159057 -8.17E-16
8.64E-15 4.14E-15 82.982855

COMB ULO01 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -17388.297 616.173180 -1.28E-15
1.40E-14 -4.40E-15 3381.333 -1.28E-15
0.39895 -17650.826 616.173180 -1.28E-15
1.40E-14 -1.68E-15 2071.965 -1.28E-15
0.59930 -17913.355 616.173180 -1.28E-15
1.40E-14 1.05E-15 762.597228 -1.28E-15
0.79965 -18175.885 606.861280 -1.28E-15
1.40E-14 3.77E-15 532.385300 -1.28E-15
1.00000 -18438.414 606.861280 -1.28E-15
1.40E-14 6.50E-15 -1821.966

COMB ULO01 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -17388.297 616.173180 -1.28E-15
1.40E-14 -4.40E-15 3381.333 -1.28E-15
0.39895 -17650.826 616.173180 -1.28E-15
1.40E-14 -1.68E-15 2071.965 -1.28E-15
0.59930 -17913.355 616.173180 -1.28E-15
1.40E-14 1.05E-15 762.597228 -1.28E-15
0.79965 -18175.885 606.861280 -1.28E-15
1.40E-14 3.77E-15 532.385300 -1.28E-15
1.00000 -18438.414 606.861280 -1.28E-15
1.40E-14 6.50E-15 -1821.966

COMB ULO02 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -12253.432 418.453504 -8.84E-16
9.59E-15 -3.03E-15 2300.745 -8.84E-16
0.39895 -12515.961 418.453504 -8.84E-16
9.59E-15 -1.16E-15 1411.531 -8.84E-16
0.59930 -12778.490 418.453504 -8.84E-16
9.59E-15 7.22E-16 522.317261 -8.84E-16
0.79965 -13041.020 409.141604 -8.84E-16
9.59E-15 2.60E-15 -352.510957 -8.84E-16
1.00000 -13303.549 409.141604 -8.84E-16
9.59E-15 4.48E-15 -1221.937

COMB ULO02 ----- MIN

REL DIST P V2 V3
T M2 M3
0.19860 -12253.432 418.453504 -8.84E-16
9.59E-15 -3.03E-15 2300.745 -8.84E-16
0.39895 -12515.961 418.453504 -8.84E-16
9.59E-15 -1.16E-15 1411.531 -8.84E-16
0.59930 -12778.490 418.453504 -8.84E-16
9.59E-15 7.22E-16 522.317261 -8.84E-16
0.79965 -13041.020 409.141604 -8.84E-16
9.59E-15 2.60E-15 -352.510957 -8.84E-16
1.00000 -13303.549 409.141604 -8.84E-16
9.59E-15 4.48E-15 -1221.937
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FRAME ELEMENT INTERNAL FORCES

COMB ULO03 ----- MAX

REL DIST P V2 V3
T M2 M3
0.19860 -13299.301 -8.272594 -1.17E-15
1.22E-14 -4.01E-15 725.840705 -1.17E-15
0.39895 -13561.830 -28.487104 -1.17E-15
1.22E-14 -1.

1.00000 -13301.427 240.885767 -9.68E-16
1.25E-14 4.91E-15 -379.709210
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L F O R C E S

COMB ULO09 ----- MAX

REL DIST T P M2 M3 V2 V3

0.19860 -12253.432 418.453504 -8.84E-16
9.59E-15 -3.03E-15 2300.745
0.39895 -12515.961 418.453504 -8.84E-16
9.59E-15 -1.16E-15 1411.531
0.59930 -12778.490 418.453504 -8.84E-16
9.59E-15 7.22E-16 522.317261
0.79965 -13041.020 409.141604 -8.84E-16
9.59E-15 2.60E-15 -352.510957
1.00000 -13303.549 409.141604 -8.84E-16
9.59E-15 4.48E-15 -1221.937

COMB ULO09 ----- MIN

REL DIST T P M2 M3 V2 V3

0.19860 -12253.432 418.453504 -8.84E-16
9.59E-15 -3.03E-15 2300.745
0.39895 -12515.961 418.453504 -8.84E-16
9.59E-15 -1.16E-15 1411.531
0.59930 -12778.490 418.453504 -8.84E-16
9.59E-15 7.22E-16 522.317261
0.79965 -13041.020 409.141604 -8.84E-16
9.59E-15 -3.60E-15 -352.510957
1.00000 -13303.549 409.141604 -8.84E-16
9.59E-15 4.48E-15 -1221.937

COMB ULO10 ----- MAX

REL DIST T P M2 M3 V2 V3

0.19860 -12785.748 -169.738876 -1.20E-15
1.45E-14 -4.13E-15 132.590136
0.39895 -13038.180 -178.487203 -1.20E-15
1.45E-14 -1.47E-15 502.562003
0.59930 -13290.612 -187.252828 -1.20E-15
1.45E-14 9.84E-16 891.160786
0.79965 -13543.045 -196.455862 -1.20E-15
1.45E-14 3.54E-15 1303.427
1.00000 -13795.477 -196.455862 -1.20E-15
1.45E-14 6.10E-15 1720.896

COMB ULO10 ----- MIN

REL DIST T P M2 M3 V2 V3

0.19860 -12785.748 -169.738876 -1.20E-15
1.45E-14 -4.13E-15 132.590136
0.39895 -13038.180 -178.487203 -1.20E-15
1.45E-14 -1.47E-15 502.562003
0.59930 -13290.612 -187.252828 -1.20E-15
1.45E-14 9.84E-16 891.160786
0.79965 -13543.045 -196.455862 -1.20E-15
1.45E-14 3.54E-15 1303.427
1.00000 -13795.477 -196.455862 -1.20E-15
1.45E-14 6.10E-15 1720.896

COMB ULO11 ----- MAX

REL DIST T P M2 M3 V2 V3

0.19860 -12787.789 -7.954417 -1.12E-15
1.17E-14 -3.85E-15 697.923755
0.39895 -13040.221 -16.702744 -1.12E-15
1.17E-14 4.72E-15 724.103846
0.59930 -13292.653 -25.468369 -1.12E-15
1.17E-14 9.17E-16 768.910454
0.79965 -13545.085 -34.671403 -1.12E-15
1.17E-14 3.30E-15 837.385126
1.00000 -13797.517 -34.671403 -1.12E-15
1.17E-14 5.69E-15 911.061857

COMB ULO11 ----- MIN

REL DIST T P M2 M3 V2 V3

0.19860 -12787.789 -7.954417 -1.12E-15
1.17E-14 -3.85E-15 697.923755
0.39895 -13040.221 -16.702744 -1.12E-15
1.17E-14 -1.47E-15 724.103846
0.59930 -13292.653 -25.468369 -1.12E-15
1.17E-14 9.17E-16 768.910454
0.79965 -13545.085 -34.671403 -1.12E-15
1.17E-14 3.30E-15 837.385126
1.00000 -13797.517 -34.671403 -1.12E-15
1.17E-14 5.69E-15 911.061857

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L F O R C E S

COMB ULO12 ----- MAX

REL DIST T P M2 M3 V2 V3

0.19860 -15411.829 103.703029 -1.33E-15
1.62E-14 -4.58E-15 1356.993
0.39895 -15664.262 99.328866 -1.33E-15
1.62E-14 -1.74E-15 1141.262
0.59930 -15916.694 94.946054 -1.33E-15
1.62E-14 1.09E-15 934.844840
0.79965 -16169.126 85.867662 -1.33E-15
1.62E-14 3.92E-15 747.177766
1.00000 -16421.558 85.867662 -1.33E-15
1.62E-14 6.76E-15 564.708985

COMB ULO12 ----- MIN

REL DIST T P M2 M3 V2 V3

0.19860 -15411.829 103.703029 -1.33E-15
1.62E-14 -4.58E-15 1356.993
0.39895 -15664.262 99.328866 -1.33E-15
1.62E-14 -1.74E-15 1141.262
0.59930 -15916.694 94.946054 -1.33E-15
1.62E-14 1.09E-15 934.844840
0.79965 -16169.126 85.867662 -1.33E-15
1.62E-14 3.92E-15 747.177766
1.00000 -16421.558 85.867662 -1.33E-15
1.62E-14 6.76E-15 564.708985

COMB ULO13 ----- MAX

REL DIST T P M2 M3 V2 V3

0.19860 -15413.870 265.487489 -1.25E-15
1.34E-14 -4.30E-15 1922.326
0.39895 -15666.302 261.113325 -1.25E-15
1.34E-14 -1.64E-15 1362.804
0.59930 -15918.734 256.730513 -1.25E-15
1.34E-14 1.02E-15 812.594507

0.79965 -16171.166 247.652121 -1.25E-15
1.34E-14 3.68E-15 281.135457
1.00000 -16423.598 247.652121 -1.25E-15
1.34E-14 6.35E-15 -245.125299

COMB ULO13 ----- MIN

REL DIST T P M2 M3 V2 V3

0.19860 -15413.870 265.487489 -1.25E-15
1.34E-14 -4.30E-15 1922.326
0.39895 -15666.302 261.113325 -1.25E-15
1.34E-14 -1.64E-15 1362.804
0.59930 -15918.734 256.730513 -1.25E-15
1.34E-14 1.02E-15 812.594507
0.79965 -16171.166 247.652121 -1.25E-15
1.34E-14 3.68E-15 281.135457
1.00000 -16423.598 247.652121 -1.25E-15
1.34E-14 6.35E-15 -245.125299

COMB ULO14 ----- MAX

REL DIST T P M2 M3 V2 V3

0.19860 -12426.443 -11.250270 -1.10E-15
1.36E-14 -3.78E-15 728.743323
0.39895 -12678.875 15.624434 -1.10E-15
1.36E-14 -1.44E-15 757.288524
0.59930 -12931.307 -20.007246 -1.10E-15
1.36E-14 9.00E-16 795.147184
0.79965 -13183.739 -29.085638 -1.10E-15
1.36E-14 3.24E-15 851.755873 -1.10E-15
1.00000 -13436.171 -29.085638 -1.10E-15
1.36E-14 5.58E-15 913.562854

COMB ULO14 ----- MIN

REL DIST T P M2 M3 V2 V3

0.19860 -12426.443 -11.250270 -1.10E-15
1.36E-14 -3.78E-15 728.743323
0.39895 -12678.875 15.624434 -1.10E-15
1.36E-14 -1.44E-15 757.288524
0.59930 -12931.307 -20.007246 -1.10E-15
1.36E-14 9.00E-16 795.147184
0.79965 -13183.739 -29.085638 -1.10E-15
1.36E-14 3.24E-15 851.755873 -1.10E-15
1.00000 -13436.171 -29.085638 -1.10E-15
1.36E-14 5.58E-15 913.562854

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L F O R C E S

COMB ULO15 ----- MAX

REL DIST T P M2 M3 V2 V3

0.19860 -12428.483 150.534189 -1.02E-15
1.08E-14 -3.50E-15 1294.077
0.39895 -12680.915 146.160026 -1.02E-15
1.08E-14 -1.34E-15 978.830168
0.59930 -12933.347 141.777213 -1.02E-15
1.08E-14 8.34E-16 672.896852
0.79965 -13185.780 135.698821 -1.02E-15
1.08E-14 3.00E-15 385.713564
1.00000 -13438.212 132.698821 -1.02E-15
1.08E-14 5.17E-15 103.728569

COMB ULO15 ----- MIN

REL DIST T P M2 M3 V2 V3

0.19860 -12428.483 150.534189 -1.02E-15
1.08E-14 -3.50E-15 1294.077
0.39895 -12680.915 146.160026 -1.02E-15
1.08E-14 -1.34E-15 978.830168
0.59930 -12933.347 141.777213 -1.02E-15
1.08E-14 8.34E-16 672.896852
0.79965 -13185.780 135.698821 -1.02E-15
1.08E-14 3.00E-15 385.713564
1.00000 -13438.212 132.698821 -1.02E-15
1.08E-14 5.17E-15 103.728569

COMB ULO16 ----- MAX

REL DIST T P M2 M3 V2 V3

0.19860 -9425.717 321.887311 -6.80E-16
7.37E-15 -2.33E-15 1769.804
0.39895 -9627.662 321.887311 -6.80E-16
7.37E-15 -8.89E-16 1085.793
0.59930 -9829.608 321.887311 -6.80E-16
7.37E-15 5.55E-16 401.782508
0.79965 -10031.554 314.724311 -6.80E-16
7.37E-15 2.00E-15 -271.162275
1.00000 -10233.499 314.724311 -6.80E-16
7.37E-15 3.44E-15 -939.951436

COMB ULO16 ----- MIN

REL DIST T P M2 M3 V2 V3

0.19860 -9425.717 321.887311 -6.80E-16
7.37E-15 -2.33E-15 1769.804
0.39895 -9627.662 321.887311 -6.80E-16
7.37E-15 -8.89E-16 1085.793
0.59930 -9829.608 321.887311 -6.80E-16
7.37E-15 5.55E-16 401.782508
0.79965 -10031.554 314.724311 -6.80E-16
7.37E-15 2.00E-15 -271.162275
1.00000 -10233.499 314.724311 -6.80E-16
7.37E-15 3.44E-15 -939.951436

COMB ULO17 ----- MAX

REL DIST T P M2 M3 V2 V3

0.19860 -15358.234 538.004936 -1.12E-15
1.23E-14 -3.86E-15 2954.124
0.39895 -15620.763 538.004936 -1.12E-15
1.23E-14 -1.47E-15 1810.863
0.59930 -15883.292 538.004936 -1.12E-15
1.23E-14 1.93E-16 667.602822
0.79965 -16145.822 528.693036 -1.12E-15
1.23E-14 3.31E-15 -461.272188
1.00000 -16408.351 528.693036 -1.12E-15
1.23E-14 5.70E-15 -1584.745

COMB ULO17 ----- MIN

REL DIST T P M2 M3 V2 V3

0.19860 -15358.234 538.004936 -1.12E-15
1.23E-14 -3.86E-15 2954.124
0.39895 -15620.763 538.004936 -1.12E-15
1.23E-14 -1.47E-15 1810.863
0.59930 -15883.292 538.004936 -1.12E-15
1.23E-14 1.93E-16 667.602822
0.79965 -16145.822 528.693036 -1.12E-15
1.23E-14 3.31E-15 -461.272188
1.00000 -16408.351 528.693036 -1.12E-15
1.23E-14 5.70E-15 -1584.745

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COMB ULO18 ----- MAX

REL DIST T P M2 M3 V2 V3

0.19860 -12276.277 -7.636241 -1.08E-15
1.13E-14 -3.70E-15 670.006805
0.39895 -12518.612 -16.034634 -1.08E-15
1.13E-14 -1.41E-15 695.139500
0.59930 -12760.947 -24.449634 -1.08E-15
1.13E-14 8.81E-16 738.154036
0.79965 -13003.282 -33.284547 -1.08E-15
1.13E-14 3.17E-15 803.889721
1.00000 -13245.617 -33.284547 -1.08E-15
1.13E-14 5.46E-15 874.619383

COMB ULO18 ----- MIN

REL DIST T P M2 M3 V2 V3

0.19860 -12276.277 -7.636241 -1.08E-15
1.13E-14 -3.70E-15 670.006805
0.39895 -12518.612 -16.034634 -1.08E-15
1.13E-14 -1.41E-15 695.139500
0.59930 -12760.947 -24.449634 -1.08E-15
1.13E-14 8.81E-16 738.154036
0.79965 -13003.282 -33.284547 -1.08E-15
1.13E-14 3.17E-15 803.889721
1.00000 -13245.617 -33.284547 -1.08E-15
1.13E-14 5.46E-15 874.619383

COMB UEO01 ----- MAX

REL DIST T P M2 M3 V2 V3

0.19860 -14560.989 519.614363 -1.08E-15
1.18E-14 -3.70E-15 2848.844
0.39895 -14762.935 519.614363 -1.08E-15
1.18E-14 -1.41E-15 1744.663
0.59930 -14964.880 519.614363 -1.08E-15
1.18E-14 8.81E-16 640.482534
0.79965 -15166.826 510.302463 -1.08E-15
1.18E-14 3.17E-15 449.312509
1.00000 -15368.772 510.302463 -1.08E-15
1.18E-14 5.47E-15 -1533.705

COMB UEO01 ----- MIN

REL DIST T P M2 M3 V2 V3

0.19860 -14560.989 519.614363 -1.08E-15
1.18E-14 -3.70E-15 2848.844
0.39895 -14762.935 519.614363 -1.08E-15
1.18E-14 -1.41E-15 1744.663
0.59930 -14964.880 519.614363 -1.08E-15
1.18E-14 8.81E-16 640.482534
0.79965 -15166.826 510.302463 -1.08E-15
1.18E-14 3.17E-15 449.312509
1.00000 -15368.772 510.302463 -1.08E-15
1.18E-14 5.47E-15 -1533.705

COMB UEO02 ----- MAX

REL DIST T P M2 M3 V2 V3

0.19860 -9426.124 321.894688 -6.80E-16
7.38E-15 -2.33E-15 1768.255
0.39895 -9628.069 321.894688 -6.80E-16
7.38E-15 -8.89E-16 1084.229
0.59930 -9830.015 321.894688 -6.80E-16
7.38E-15 5.55E-16 400.202566
0.79965 -10031.961 312.582788 -6.80E-16
7.38E-15 2.00E-15 -269.438166
1.00000 -10233.906 312.582788 -6.80E-16
7.38E-15 3.44E-15 -933.676590

COMB UEO02 ----- MIN

REL DIST T P M2 M3 V2 V3

0.19860 -9426.124 321.894688 -6.80E-16
7.38E-15 -2.33E-15 1768.255
0.39895 -9628.069 321.894688 -6.80E-16
7.38E-15 -8.89E-16 1084.229
0.59930 -9830.015 321.894688 -6.80E-16
7.38E-15 5.55E-16 400.202566
0.79965 -10031.961 312.582788 -6.80E-16
7.38E-15 2.00E-15 -269.438166
1.00000 -10233.906 312.582788 -6.80E-16
7.38E-15 3.44E-15 -933.676590

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L F O R C E S

COMB UEO03 ----- MAX

REL DIST T P M2 M3 V2 V3

0.19860 -10471.993 -104.831410 -9.64E-16
9.99E-15 -3.31E-15 193.351041
0.39895 -10673.938 -113.929670 -9.64E-16
9.99E-15 -1.26E-15 425.765612
0.59930 -10875.884 -123.045920 -9.64E-16
9.99E-15 7.68E-16 677.552177
0.79965 -11077.830 -132.617076 -9.64E-16
1.00000 -11279.775 -132.617076 -9.64E-16
9.99E-15 4.88E-15 1235.765

L F O R C E S																			
COMB	UEO09	-----	MAX																
REL DIST	T	P	M2	M3	V2	V3													
0.19860	-9426.124	321.894688			-6.80E-16														
7.38E-15	-2.33E-15	1768.255																	
0.39895	-9628.069	321.894688			-6.80E-16														
7.38E-15	-8.89E-16	1084.229																	
0.59930	-9830.015	321.894688			-6.80E-16														
7.38E-15	5.55E-16	400.202566																	
0.79965	-10031.961	312.582788			-6.80E-16														
7.38E-15	2.00E-15	-269.438166																	
1.00000	-10233.906	312.582788			-6.80E-16														
7.38E-15	3.44E-15	-933.676590																	
COMB	UEO09	-----	MIN																
REL DIST	T	P	M2	M3	V2	V3													
0.19860	-9426.124	321.894688			-6.80E-16														
7.38E-15	-2.33E-15	1768.255																	
0.39895	-9628.069	321.894688			-6.80E-16														
7.38E-15	-8.89E-16	1084.229																	
0.59930	-9830.015	321.894688			-6.80E-16														
7.38E-15	5.55E-16	400.202566																	
0.79965	-10031.961	312.582788			-6.80E-16														
7.38E-15	2.00E-15	-269.438166																	
1.00000	-10233.906	312.582788			-6.80E-16														
7.38E-15	3.44E-15	-933.676590																	
COMB	UEO10	-----	MAX																
REL DIST	T	P	M2	M3	V2	V3													
0.19860	-9958.441	-266.297693			-1.00E-15														
1.23E-14	-3.43E-15	-399.899528																	
0.39895	-10150.289	-275.046020			-1.00E-15														
1.23E-14	-1.31E-15	175.259823																	
0.59930	-10342.137	-283.811645			-1.00E-15														
1.23E-14	8.17E-16	769.046092																	
0.79965	-10533.986	-293.014679			-1.00E-15														
1.23E-14	2.94E-15	1386.500																	
1.00000	-10725.834	-293.014679			-1.00E-15														
1.23E-14	5.07E-15	2009.156																	
COMB	UEO10	-----	MIN																
REL DIST	T	P	M2	M3	V2	V3													
0.19860	-9958.441	-266.297693			-1.00E-15														
1.23E-14	-3.43E-15	-399.899528																	
0.39895	-10150.289	-275.046020			-1.00E-15														
1.23E-14	-1.31E-15	175.259823																	
0.59930	-10342.137	-283.811645			-1.00E-15														
1.23E-14	8.17E-16	769.046092																	
0.79965	-10533.986	-293.014679			-1.00E-15														
1.23E-14	2.94E-15	1386.500																	
1.00000	-10725.834	-293.014679			-1.00E-15														
1.23E-14	5.07E-15	2009.156																	
COMB	UEO11	-----	MAX																
REL DIST	T	P	M2	M3	V2	V3													
0.19860	-9960.481	-104.513234			-9.19E-16														
9.52E-15	3.15E-15	165.434091																	
0.39895	-10152.330	-113.261561			-9.19E-16														
9.52E-15	-1.20E-15	396.801466																	
0.59930	-10344.178	-122.027186			-9.19E-16														
9.52E-15	7.51E-16	646.795759																	
0.79965	-10536.026	-131.230220			-9.19E-16														
9.52E-15	2.70E-15	920.457917																	
1.00000	-10727.875	-131.230220			-9.19E-16														
9.52E-15	4.66E-15	1199.322																	
COMB	UEO11	-----	MIN																
REL DIST	T	P	M2	M3	V2	V3													
0.19860	-9960.481	-104.513234			-9.19E-16														
9.52E-15	3.15E-15	165.434091																	
0.39895	-10152.330	-113.261561			-9.19E-16														
9.52E-15	-1.20E-15	396.801466																	
0.59930	-10344.178	-122.027186			-9.19E-16														
9.52E-15	7.51E-16	646.795759																	
0.79965	-10536.026	-131.230220			-9.19E-16														
9.52E-15	2.70E-15	920.457917																	
1.00000	-10727.875	-131.230220			-9.19E-16														
9.52E-15	4.66E-15	1199.322																	
COMB	UEO12	-----	MIN																
REL DIST	T	P	M2	M3	V2	V3													
0.19860	-12584.522	7.144213			-1.13E-15														
1.40E-14	-3.88E-15	824.502838																	
0.39895	-12776.370	2.770049			-1.13E-15														
1.40E-14	-1.48E-15	813.959763																	
0.59930	-12968.218	-1.612763			-1.13E-15														
1.40E-14	9.23E-16	812.730146																	
0.79965	-13160.067	-10.691155			-1.13E-15														
1.40E-14	3.33E-15	830.250557																	
1.00000	-13351.915	-10.691155			-1.13E-15														
1.40E-14	5.73E-15	852.969261																	
COMB	UEO12	-----	MAX																
REL DIST	T	P	M2	M3	V2	V3													
0.19860	-12584.522	7.144213			-1.13E-15														
1.40E-14	-3.88E-15	824.502838																	
0.39895	-12776.370	2.770049			-1.13E-15														
1.40E-14	-1.48E-15	813.959763																	
0.59930	-12968.218	-1.612763			-1.13E-15														
1.40E-14	9.23E-16	812.730146																	
0.79965	-13160.067	-10.691155			-1.13E-15														
1.40E-14	3.33E-15	830.250557																	
1.00000	-13351.915	-10.691155			-1.13E-15														
1.40E-14	5.73E-15	852.969261																	
COMB	UEO13	-----	MAX																
REL DIST	T	P	M2	M3	V2	V3													
0.19860	-12586.562	168.928672			-1.05E-15														
1.12E-14	-3.60E-15	1389.836																	
0.39895	-12778.411	164.554509			-1.05E-15														
1.12E-14	-1.37E-15	1035.501																	
0.59930	-12970.255	160.171696			-1.05E-15														
1.12E-14	8.57E-16	690.479813																	
0.79965	-13162.107	151.093304			-1.05E-15														
1.12E-14	3.09E-15	364.208248																	