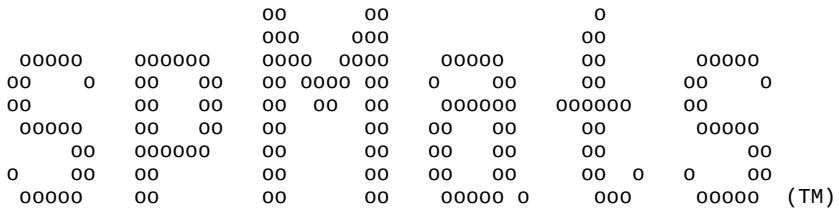

==========

spMats v8.10 (TM)
A Computer Program for Analysis and Design of Foundation Mats, Combined Footings, and Slabs on Grade

==========

A1 - GENERAL INFORMATION:
==========

Project : spMats Manual, Example 2
File : C:\Program Files\StructurePoint\spMats\Examples\example2.ma8
Units : English Date : 7/10/2015
Code : ACI 318-14 Time : 8:00:00 AM

Maximum number of iterations = 10
Maximum allowed service displacement = 11 in
Minimum ratio of soil contact area w.r.t. initial soil-supported area = 50.00 %
Minimum ratio of active spring/piles w.r.t. total number of spring/piles = 0.00 %
Displacement limit for uplift = 0 in
Reinforcement is based on maximum moment within an element.

Number of nodes = 390
Number of elements = 347

A2 - THICKNESS DEFINITIONS:
==========

Label	t (in)	Assigned	Label	t (in)	Assigned
Thick1	24.00	Yes	Thick2	36.00	Yes

A3 - SOIL DEFINITIONS:
==========

Label	Ks (kcf)	Qa (ksf)	Assigned	Label	Ks (kcf)	Qa (ksf)	Assigned
Soil1	50	6	Yes	Soil2	75	8	Yes

A4 - CONCRETE DEFINITIONS:
==========

Label	f'c (ksi)	Wc (pcf)	Ec (ksi)	v	Assigned
Conc1	3	145	3156	0.150	Yes

A5 - REINFORCING STEEL DEFINITIONS:
==========

Label	Fy (ksi)	Es (ksi)	Assigned
Steel1	60	29000	Yes

A6 - DESIGN PARAMETERS DEFINITIONS:
==========

Label	Top-X (in)	Top-Y (in)	Bot-X (in)	Bot-Y (in)	Min Reinf	Assigned
DC_1	3.2500	3.5000	3.2500	3.5000	0.0900%	Yes

A7 - COLUMN DEFINITIONS:
==========

Label	Type	Dim X (in)	Dim Y (in)	Assigned
COL1	Rectangle	12.0000	12.0000	Yes

A9 - SLAVED NODES GROUP DEFINITIONS:
==========

Label	DOF	Assigned
Wall Rx1	Rx	Yes

A11 - CONCENTRATED LOAD DEFINITIONS:

Label	Case	Pz (kips)	Mx (k-ft)	My (k-ft)	Assigned
PD1	A	-50.0000	0.0000	0.0000	Yes
PD2	A	-47.0000	0.0000	0.0000	Yes
PD3	A	-94.0000	0.0000	0.0000	Yes
PL1	B	-35.0000	0.0000	0.0000	Yes
PL2	B	-26.0000	0.0000	0.0000	Yes
PL3	B	-52.0000	0.0000	0.0000	Yes
PW1	C	-10.0000	5.0000	0.0000	Yes
PW2	C	-16.0000	0.0000	0.0000	Yes
PW3	C	-23.0000	0.0000	0.0000	Yes
PW4	C	-20.0000	0.0000	0.0000	Yes
PW5	C	-17.0000	0.0000	0.0000	Yes
PW6	C	-4.0000	0.0000	0.0000	Yes

A13 - LOAD COMBINATIONS:

Self weight is not included under Case A.

Load Cases

Case	A	B	C	D	E	F	G
Case label	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Load defined	Yes	Yes	Yes	No	No	No	No

Case	H	I	J	K	L	M	N
Case label	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Load defined	No	No	No	No	No	No	No

Case	O	P	Q	R	S	T	U
Case label	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Load defined	No	No	No	No	No	No	No

Case	V	W	X	Y	Z
Case label	N/A	N/A	N/A	N/A	N/A
Load defined	No	No	No	No	No

Service Load Combinations (factors listed only for cases with defined loads)

S1	1.0000 A	1.0000 B	0.0000 C	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-		
S2	1.0000 A	1.0000 B	1.0000 C	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-		
S3	1.0000 A	0.0000 B	1.0000 C	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-		

Ultimate Load Combinations (factors listed only for cases with defined loads)

U1	1.4000 A	0.0000 B	0.0000 C	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-		
U2	1.2000 A	1.6000 B	0.0000 C	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-		
U3	1.2000 A	1.0000 B	0.0000 C	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-		
U4	1.2000 A	0.0000 B	0.8000 C	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-		
U5	1.2000 A	1.0000 B	1.6000 C	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-		
U6	0.9000 A	0.0000 B	1.6000 C	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-		
U7	1.2000 A	0.0000 B	-0.8000 C	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-		

U8	1.2000 A	1.0000 B	-1.6000 C	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-		
U9	0.9000 A	0.0000 B	-1.6000 C	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-		

A14 - X-GRID LINE DEFINITIONS:

No.	Coord. (ft)	No.	Coord. (ft)	No.	Coord. (ft)
1	0	2	2	3	4
4	6	5	8	6	10
7	12	8	14	9	16
10	18	11	20	12	22
13	25	14	28	15	30
16	32	17	34	18	36
19	38	20	40	21	42
22	44	23	46	24	48

A15 - Y-GRID LINE DEFINITIONS:

No.	Coord. (ft)	No.	Coord. (ft)	No.	Coord. (ft)
1	0	2	2	3	4
4	6	5	8	6	10
7	12	8	14	9	16
10	18	11	20	12	22
13	24	14	26	15	28
16	30	17	32	18	34
19	36	20	38		

A16 - NODAL DATA:
==========

Node	X (ft)	Y (ft)	Fixity	Spring	Column	Pile	Loaded?	Slaved?
1	0.000	0.000	- -					
2	2.000	0.000	- -					
3	4.000	0.000	- -					
4	6.000	0.000	- -					
5	8.000	0.000	- -					
6	10.000	0.000	- -					
7	12.000	0.000	- -					
8	14.000	0.000	- -					
9	16.000	0.000	- -					
10	18.000	0.000	- -					
11	20.000	0.000	- -					
12	22.000	0.000	- -					
13	25.000	0.000	- -					
14	28.000	0.000	- -					
15	30.000	0.000	- -					
16	32.000	0.000	- -					
17	34.000	0.000	- -					
18	36.000	0.000	- -					
19	38.000	0.000	- -					
20	40.000	0.000	- -					
21	42.000	0.000	- -					
22	44.000	0.000	- -					
23	46.000	0.000	- -					
24	48.000	0.000	- -					
25	0.000	2.000	- -					
26	2.000	2.000	- -		COL1		Yes	
27	4.000	2.000	- -					
28	6.000	2.000	- -					
29	8.000	2.000	- -					
30	10.000	2.000	- -					
31	12.000	2.000	- -					
32	14.000	2.000	- -					
33	16.000	2.000	- -					
34	18.000	2.000	- -					
35	20.000	2.000	- -					
36	22.000	2.000	- -					
37	25.000	2.000	- -		COL1		Yes	
38	28.000	2.000	- -					
39	30.000	2.000	- -					
40	32.000	2.000	- -					
41	34.000	2.000	- -					
42	36.000	2.000	- -					
43	38.000	2.000	- -					
44	40.000	2.000	- -					
45	42.000	2.000	- -					
46	44.000	2.000	- -					
47	46.000	2.000	- -		COL1		Yes	
48	48.000	2.000	- -					
49	0.000	4.000	- -					
50	2.000	4.000	- -					
51	4.000	4.000	- -					
52	6.000	4.000	- -					
53	8.000	4.000	- -					
54	10.000	4.000	- -					
55	12.000	4.000	- -					
56	14.000	4.000	- -					
57	16.000	4.000	- -					
58	18.000	4.000	- -					
59	20.000	4.000	- -					
60	22.000	4.000	- -					
61	25.000	4.000	- -					
62	28.000	4.000	- -					
63	30.000	4.000	- -					
64	32.000	4.000	- -					
65	34.000	4.000	- -					
66	36.000	4.000	- -					
67	38.000	4.000	- -					
68	40.000	4.000	- -					
69	42.000	4.000	- -					
70	44.000	4.000	- -					
71	46.000	4.000	- -					
72	48.000	4.000	- -					
73	0.000	6.000	- -					
74	2.000	6.000	- -					
75	4.000	6.000	- -					
76	6.000	6.000	- -					
77	8.000	6.000	- -					
78	10.000	6.000	- -					
79	12.000	6.000	- -					
80	14.000	6.000	- -					

81	16.000	6.000	-	-
82	18.000	6.000	-	-
83	20.000	6.000	-	-
84	22.000	6.000	-	-
85	25.000	6.000	-	-
86	28.000	6.000	-	-
87	30.000	6.000	-	-
88	32.000	6.000	-	-
89	34.000	6.000	-	-
90	36.000	6.000	-	-
91	38.000	6.000	-	-
92	40.000	6.000	-	-
93	42.000	6.000	-	-
94	44.000	6.000	-	-
95	46.000	6.000	-	-
96	48.000	6.000	-	-
97	0.000	8.000	-	-
98	2.000	8.000	-	-
99	4.000	8.000	-	-
100	6.000	8.000	-	-

A17 - LOADED NODES:
==========

Node	Case A	Case B	Case C	Case D	Case E	Case F	Case G
26	PD1	PL1	PW1				
37	PD1	PL1	PW1				
47	PD1	PL1	PW1				

Node	Case H	Case I	Case J	Case K	Case L	Case M	Case N

Node	Case O	Case P	Case Q	Case R	Case S	Case T	Case U

Node	Case V	Case W	Case X	Case Y	Case Z

A18 - SLAVED NODES ASSIGNMENTS:
==========

Node	Dz-Group	Rx-Group	Ry-Group

A19 - ELEMENT GEOMETRY:
==========

Elem	i	j	k	l	X-Dim (ft)	Y-Dim (ft)	Thick.(in)
1	1	25	2	26	2.000	2.000	24.00
2	2	26	3	27	2.000	2.000	24.00
3	3	27	4	28	2.000	2.000	24.00
4	4	28	5	29	2.000	2.000	24.00
5	5	29	6	30	2.000	2.000	24.00
6	6	30	7	31	2.000	2.000	24.00
7	7	31	8	32	2.000	2.000	24.00
8	8	32	9	33	2.000	2.000	24.00
9	9	33	10	34	2.000	2.000	24.00
10	10	34	11	35	2.000	2.000	24.00
11	11	35	12	36	2.000	2.000	24.00
12	12	36	13	37	3.000	2.000	36.00
13	13	37	14	38	3.000	2.000	36.00
14	14	38	15	39	2.000	2.000	24.00
15	15	39	16	40	2.000	2.000	24.00
16	16	40	17	41	2.000	2.000	24.00
17	17	41	18	42	2.000	2.000	24.00
18	18	42	19	43	2.000	2.000	24.00
19	19	43	20	44	2.000	2.000	24.00
20	20	44	21	45	2.000	2.000	24.00
21	21	45	22	46	2.000	2.000	24.00
22	22	46	23	47	2.000	2.000	24.00
23	23	47	24	48	2.000	2.000	24.00
24	25	49	26	50	2.000	2.000	24.00
25	26	50	27	51	2.000	2.000	24.00
26	27	51	28	52	2.000	2.000	24.00
27	28	52	29	53	2.000	2.000	24.00
28	29	53	30	54	2.000	2.000	24.00
29	30	54	31	55	2.000	2.000	24.00
30	31	55	32	56	2.000	2.000	24.00
31	32	56	33	57	2.000	2.000	24.00
32	33	57	34	58	2.000	2.000	24.00
33	34	58	35	59	2.000	2.000	24.00
34	35	59	36	60	2.000	2.000	24.00
35	36	60	37	61	3.000	2.000	36.00
36	37	61	38	62	3.000	2.000	36.00
37	38	62	39	63	2.000	2.000	24.00
38	39	63	40	64	2.000	2.000	24.00
39	40	64	41	65	2.000	2.000	24.00
40	41	65	42	66	2.000	2.000	24.00
41	42	66	43	67	2.000	2.000	24.00
42	43	67	44	68	2.000	2.000	24.00
43	44	68	45	69	2.000	2.000	24.00
44	45	69	46	70	2.000	2.000	24.00
45	46	70	47	71	2.000	2.000	24.00
46	47	71	48	72	2.000	2.000	24.00
47	49	73	50	74	2.000	2.000	24.00
48	50	74	51	75	2.000	2.000	24.00
49	51	75	52	76	2.000	2.000	24.00
50	52	76	53	77	2.000	2.000	24.00
51	53	77	54	78	2.000	2.000	24.00
52	54	78	55	79	2.000	2.000	24.00
53	55	79	56	80	2.000	2.000	24.00
54	56	80	57	81	2.000	2.000	24.00
55	57	81	58	82	2.000	2.000	24.00
56	58	82	59	83	2.000	2.000	24.00
57	59	83	60	84	2.000	2.000	24.00
58	60	84	61	85	3.000	2.000	36.00
59	61	85	62	86	3.000	2.000	36.00
60	62	86	63	87	2.000	2.000	24.00
61	63	87	64	88	2.000	2.000	24.00
62	64	88	65	89	2.000	2.000	24.00
63	65	89	66	90	2.000	2.000	24.00
64	66	90	67	91	2.000	2.000	24.00
65	67	91	68	92	2.000	2.000	24.00
66	68	92	69	93	2.000	2.000	24.00
67	69	93	70	94	2.000	2.000	24.00
68	70	94	71	95	2.000	2.000	24.00
69	71	95	72	96	2.000	2.000	24.00
70	73	97	74	98	2.000	2.000	24.00
71	74	98	75	99	2.000	2.000	24.00
72	75	99	76	100	2.000	2.000	24.00
73	76	100	77	101	2.000	2.000	24.00
74	77	101	78	102	2.000	2.000	24.00
75	78	102	79	103	2.000	2.000	24.00
76	79	103	80	104	2.000	2.000	24.00
77	80	104	81	105	2.000	2.000	24.00
78	81	105	82	106	2.000	2.000	24.00
79	82	106	83	107	2.000	2.000	24.00
80	83	107	84	108	2.000	2.000	24.00

81	84	108	85	109	3.000	2.000	36.00
82	85	109	86	110	3.000	2.000	36.00
83	86	110	87	111	2.000	2.000	24.00
84	87	111	88	112	2.000	2.000	24.00
85	88	112	89	113	2.000	2.000	24.00
86	89	113	90	114	2.000	2.000	24.00
87	90	114	91	115	2.000	2.000	24.00
88	91	115	92	116	2.000	2.000	24.00
89	92	116	93	117	2.000	2.000	24.00
90	93	117	94	118	2.000	2.000	24.00
91	94	118	95	119	2.000	2.000	24.00
92	95	119	96	120	2.000	2.000	24.00
93	97	121	98	122	2.000	2.000	24.00
94	98	122	99	123	2.000	2.000	24.00
95	99	123	100	124	2.000	2.000	24.00
96	100	124	101	125	2.000	2.000	24.00
97	101	125	102	126	2.000	2.000	24.00
98	102	126	103	127	2.000	2.000	24.00
99	103	127	104	128	2.000	2.000	24.00
100	104	128	105	129	2.000	2.000	24.00

A20 - ELEMENT ASSIGNMENTS:
==========

Elem	Thick.	Concrete	Soil	Steel	DesParam	Loaded?
1	Thick1	Conc1	Soil1	Steel1	DC_1	
2	Thick1	Conc1	Soil1	Steel1	DC_1	
3	Thick1	Conc1	Soil1	Steel1	DC_1	
4	Thick1	Conc1	Soil1	Steel1	DC_1	
5	Thick1	Conc1	Soil1	Steel1	DC_1	
6	Thick1	Conc1	Soil1	Steel1	DC_1	
7	Thick1	Conc1	Soil1	Steel1	DC_1	
8	Thick1	Conc1	Soil1	Steel1	DC_1	
9	Thick1	Conc1	Soil1	Steel1	DC_1	
10	Thick1	Conc1	Soil1	Steel1	DC_1	
11	Thick1	Conc1	Soil1	Steel1	DC_1	
12	Thick2	Conc1	Soil1	Steel1	DC_1	
13	Thick2	Conc1	Soil1	Steel1	DC_1	
14	Thick1	Conc1	Soil2	Steel1	DC_1	
15	Thick1	Conc1	Soil2	Steel1	DC_1	
16	Thick1	Conc1	Soil2	Steel1	DC_1	
17	Thick1	Conc1	Soil2	Steel1	DC_1	
18	Thick1	Conc1	Soil2	Steel1	DC_1	
19	Thick1	Conc1	Soil2	Steel1	DC_1	
20	Thick1	Conc1	Soil2	Steel1	DC_1	
21	Thick1	Conc1	Soil2	Steel1	DC_1	
22	Thick1	Conc1	Soil2	Steel1	DC_1	
23	Thick1	Conc1	Soil2	Steel1	DC_1	
24	Thick1	Conc1	Soil1	Steel1	DC_1	
25	Thick1	Conc1	Soil1	Steel1	DC_1	
26	Thick1	Conc1	Soil1	Steel1	DC_1	
27	Thick1	Conc1	Soil1	Steel1	DC_1	
28	Thick1	Conc1	Soil1	Steel1	DC_1	
29	Thick1	Conc1	Soil1	Steel1	DC_1	
30	Thick1	Conc1	Soil1	Steel1	DC_1	
31	Thick1	Conc1	Soil1	Steel1	DC_1	
32	Thick1	Conc1	Soil1	Steel1	DC_1	
33	Thick1	Conc1	Soil1	Steel1	DC_1	
34	Thick1	Conc1	Soil1	Steel1	DC_1	
35	Thick2	Conc1	Soil1	Steel1	DC_1	
36	Thick2	Conc1	Soil1	Steel1	DC_1	
37	Thick1	Conc1	Soil2	Steel1	DC_1	
38	Thick1	Conc1	Soil2	Steel1	DC_1	
39	Thick1	Conc1	Soil2	Steel1	DC_1	
40	Thick1	Conc1	Soil2	Steel1	DC_1	
41	Thick1	Conc1	Soil2	Steel1	DC_1	
42	Thick1	Conc1	Soil2	Steel1	DC_1	
43	Thick1	Conc1	Soil2	Steel1	DC_1	
44	Thick1	Conc1	Soil2	Steel1	DC_1	
45	Thick1	Conc1	Soil2	Steel1	DC_1	
46	Thick1	Conc1	Soil2	Steel1	DC_1	
47	Thick1	Conc1	Soil1	Steel1	DC_1	
48	Thick1	Conc1	Soil1	Steel1	DC_1	
49	Thick1	Conc1	Soil1	Steel1	DC_1	
50	Thick1	Conc1	Soil1	Steel1	DC_1	
51	Thick1	Conc1	Soil1	Steel1	DC_1	
52	Thick1	Conc1	Soil1	Steel1	DC_1	
53	Thick1	Conc1	Soil1	Steel1	DC_1	
54	Thick1	Conc1	Soil1	Steel1	DC_1	
55	Thick1	Conc1	Soil1	Steel1	DC_1	
56	Thick1	Conc1	Soil1	Steel1	DC_1	
57	Thick1	Conc1	Soil1	Steel1	DC_1	
58	Thick2	Conc1	Soil1	Steel1	DC_1	
59	Thick2	Conc1	Soil1	Steel1	DC_1	
60	Thick1	Conc1	Soil2	Steel1	DC_1	
61	Thick1	Conc1	Soil2	Steel1	DC_1	
62	Thick1	Conc1	Soil2	Steel1	DC_1	
63	Thick1	Conc1	Soil2	Steel1	DC_1	
64	Thick1	Conc1	Soil2	Steel1	DC_1	
65	Thick1	Conc1	Soil2	Steel1	DC_1	
66	Thick1	Conc1	Soil2	Steel1	DC_1	
67	Thick1	Conc1	Soil2	Steel1	DC_1	
68	Thick1	Conc1	Soil2	Steel1	DC_1	
69	Thick1	Conc1	Soil2	Steel1	DC_1	
70	Thick1	Conc1	Soil1	Steel1	DC_1	
71	Thick1	Conc1	Soil1	Steel1	DC_1	
72	Thick1	Conc1	Soil1	Steel1	DC_1	
73	Thick1	Conc1	Soil1	Steel1	DC_1	
74	Thick1	Conc1	Soil1	Steel1	DC_1	
75	Thick1	Conc1	Soil1	Steel1	DC_1	
76	Thick1	Conc1	Soil1	Steel1	DC_1	
77	Thick1	Conc1	Soil1	Steel1	DC_1	
78	Thick1	Conc1	Soil1	Steel1	DC_1	
79	Thick1	Conc1	Soil1	Steel1	DC_1	
80	Thick1	Conc1	Soil1	Steel1	DC_1	

81	Thick2	Conc1	Soil1	Steel1	DC_1
82	Thick2	Conc1	Soil1	Steel1	DC_1
83	Thick1	Conc1	Soil2	Steel1	DC_1
84	Thick1	Conc1	Soil2	Steel1	DC_1
85	Thick1	Conc1	Soil2	Steel1	DC_1
86	Thick1	Conc1	Soil2	Steel1	DC_1
87	Thick1	Conc1	Soil2	Steel1	DC_1
88	Thick1	Conc1	Soil2	Steel1	DC_1
89	Thick1	Conc1	Soil2	Steel1	DC_1
90	Thick1	Conc1	Soil2	Steel1	DC_1
91	Thick1	Conc1	Soil2	Steel1	DC_1
92	Thick1	Conc1	Soil2	Steel1	DC_1
93	Thick1	Conc1	Soil1	Steel1	DC_1
94	Thick1	Conc1	Soil1	Steel1	DC_1
95	Thick1	Conc1	Soil1	Steel1	DC_1
96	Thick1	Conc1	Soil1	Steel1	DC_1
97	Thick1	Conc1	Soil1	Steel1	DC_1
98	Thick1	Conc1	Soil1	Steel1	DC_1
99	Thick1	Conc1	Soil1	Steel1	DC_1
100	Thick1	Conc1	Soil1	Steel1	DC_1

A21 - LOADED ELEMENTS:
==========

Element	Case A	Case B	Case C	Case D	Case E	Case F	Case G

Element	Case H	Case I	Case J	Case K	Case L	Case M	Case N

Element	Case O	Case P	Case Q	Case R	Case S	Case T	Case U

Element	Case V	Case W	Case X	Case Y	Case Z

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Service Load Combination: S1

Node	Force, Pz	Moment, Mx	Moment, My
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	-85	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	-85	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	-85	0	0
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Service Load Combination: S1

Node	Force, Pz	Moment, Mx	Moment, My
60	0	0	0
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	0
68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	0	0	0
99	0	0	0
100	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Service Load Combination: S2

Node	Force, Pz	Moment, Mx	Moment, My
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	-95	5	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	-95	5	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	-95	5	0
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Service Load Combination: S2

Node	Force, Pz	Moment, Mx	Moment, My
60	0	0	0
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	0
68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	0	0	0
99	0	0	0
100	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Service Load Combination: S3

Node	Force, Pz	Moment, Mx	Moment, My
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	-60	5	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	-60	5	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	-60	5	0
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Service Load Combination: S3

Node	Force, Pz	Moment, Mx	Moment, My
60	0	0	0
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	0
68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	0	0	0
99	0	0	0
100	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U1

Node	Force, Pz	Moment, Mx	Moment, My
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	-70	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	-70	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	-70	0	0
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U1

Node	Force, Pz	Moment, Mx	Moment, My
60	0	0	0
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	0
68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	0	0	0
99	0	0	0
100	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U2

Node	Force, Pz	Moment, Mx	Moment, My
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	-116	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	-116	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	-116	0	0
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U2

Node	Force, Pz	Moment, Mx	Moment, My
60	0	0	0
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	0
68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	0	0	0
99	0	0	0
100	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U3

Node	Force, Pz	Moment, Mx	Moment, My
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	-95	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	-95	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	-95	0	0
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U3

Node	Force, Pz	Moment, Mx	Moment, My
60	0	0	0
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	0
68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	0	0	0
99	0	0	0
100	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U4

Node	Force, Pz	Moment, Mx	Moment, My
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	-68	4	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	-68	4	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	-68	4	0
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U4

Node	Force, Pz	Moment, Mx	Moment, My
60	0	0	0
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	0
68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	0	0	0
99	0	0	0
100	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U5

Node	Force, Pz	Moment, Mx	Moment, My
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	-111	8	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	-111	8	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	-111	8	0
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U5

Node	Force, Pz	Moment, Mx	Moment, My
60	0	0	0
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	0
68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	0	0	0
99	0	0	0
100	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U6

Node	Force, Pz	Moment, Mx	Moment, My
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	-61	8	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	-61	8	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	-61	8	0
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U6

Node	Force, Pz	Moment, Mx	Moment, My
60	0	0	0
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	0
68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	0	0	0
99	0	0	0
100	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U7

Node	Force, Pz	Moment, Mx	Moment, My
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	-52	-4	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	-52	-4	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	-52	-4	0
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U7

Node	Force, Pz	Moment, Mx	Moment, My
60	0	0	0
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	0
68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	0	0	0
99	0	0	0
100	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U8

Node	Force, Pz	Moment, Mx	Moment, My
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	-79	-8	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	-79	-8	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	-79	-8	0
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U8

Node	Force, Pz	Moment, Mx	Moment, My
60	0	0	0
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	0
68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	0	0	0
99	0	0	0
100	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U9

Node	Force, Pz	Moment, Mx	Moment, My
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	-29	-8	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	-29	-8	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	-29	-8	0
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0

B1 - FORCE VECTOR:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U9

Node	Force, Pz	Moment, Mx	Moment, My
60	0	0	0
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	0
68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	0	0	0
99	0	0	0
100	0	0	0

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Service Load Combination: S1

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
1	-0.19004	0.0003175	-0.0006024
2	-0.17522	0.0002635	-0.0006485
3	-0.15890	0.0002090	-0.0006992
4	-0.14234	0.0001228	-0.0006672
5	-0.12730	0.0000248	-0.0005785
6	-0.11479	-0.0000725	-0.0004613
7	-0.10523	-0.0001642	-0.0003349
8	-0.09867	-0.0002485	-0.0002137
9	-0.09483	-0.0003240	-0.0001096
10	-0.09320	-0.0003900	-0.0000319
11	-0.09304	-0.0004458	0.0000139
12	-0.09366	-0.0004874	0.0000361
13	-0.09446	-0.0005180	-0.0000057
14	-0.09297	-0.0005288	-0.0000718
15	-0.09035	-0.0005330	-0.0001342
16	-0.08706	-0.0005297	-0.0001301
17	-0.08453	-0.0005116	-0.0000722
18	-0.08391	-0.0004785	0.0000252
19	-0.08594	-0.0004312	0.0001462
20	-0.09096	-0.0003718	0.0002714
21	-0.09882	-0.0003049	0.0003770
22	-0.10866	-0.0002430	0.0004295
23	-0.11874	-0.0002052	0.0003972
24	-0.12766	-0.0001608	0.0003586
25	-0.18204	0.0003658	-0.0005491
26	-0.16859	0.0003105	-0.0005916
27	-0.15370	0.0002316	-0.0006253
28	-0.13924	0.0001367	-0.0005728
29	-0.12654	0.0000379	-0.0004806
30	-0.11635	-0.0000593	-0.0003666
31	-0.10900	-0.0001520	-0.0002460
32	-0.10449	-0.0002387	-0.0001322
33	-0.10251	-0.0003182	-0.0000366
34	-0.10251	-0.0003888	0.0000313
35	-0.10374	-0.0004482	0.0000657
36	-0.10537	-0.0004900	0.0000634
37	-0.10696	-0.0005209	0.0000093
38	-0.10580	-0.0005428	-0.0000645
39	-0.10328	-0.0005477	-0.0001350
40	-0.09981	-0.0005377	-0.0001443
41	-0.09678	-0.0005131	-0.0001008
42	-0.09530	-0.0004749	-0.0000171
43	-0.09616	-0.0004244	0.0000916
44	-0.09975	-0.0003635	0.0002074
45	-0.10600	-0.0002951	0.0003102
46	-0.11433	-0.0002250	0.0003767
47	-0.12340	-0.0001649	0.0003543
48	-0.13121	-0.0001230	0.0003145
49	-0.17243	0.0004234	-0.0004994
50	-0.16032	0.0003564	-0.0005152
51	-0.14779	0.0002536	-0.0005198
52	-0.13582	0.0001452	-0.0004696
53	-0.12556	0.0000415	-0.0003804
54	-0.11773	-0.0000574	-0.0002705
55	-0.11262	-0.0001519	-0.0001549
56	-0.11023	-0.0002417	-0.0000469
57	-0.11021	-0.0003259	0.0000413
58	-0.11197	-0.0004018	0.0000993

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Service Load Combination: S1

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
59	-0.11467	-0.0004649	0.0001189
60	-0.11729	-0.0005071	0.0000901
61	-0.11962	-0.0005436	0.0000293
62	-0.11920	-0.0005775	-0.0000485
63	-0.11681	-0.0005841	-0.0001385
64	-0.11306	-0.0005702	-0.0001644
65	-0.10936	-0.0005398	-0.0001354
66	-0.10690	-0.0004963	-0.0000641
67	-0.10650	-0.0004421	0.0000339
68	-0.10859	-0.0003783	0.0001403
69	-0.11314	-0.0003053	0.0002350
70	-0.11960	-0.0002233	0.0002941
71	-0.12679	-0.0001430	0.0002961
72	-0.13365	-0.0000950	0.0002794
73	-0.16234	0.0004040	-0.0004243
74	-0.15209	0.0003235	-0.0004291
75	-0.14190	0.0002307	-0.0004150
76	-0.13246	0.0001300	-0.0003646
77	-0.12467	0.0000299	-0.0002798
78	-0.11920	-0.0000672	-0.0001740
79	-0.11637	-0.0001617	-0.0000619
80	-0.11616	-0.0002538	0.0000422
81	-0.11822	-0.0003426	0.0001248
82	-0.12188	-0.0004252	0.0001732
83	-0.12617	-0.0004958	0.0001762
84	-0.12991	-0.0005475	0.0001252
85	-0.13331	-0.0006005	0.0000560
86	-0.13373	-0.0006375	-0.0000305
87	-0.13149	-0.0006423	-0.0001443
88	-0.12735	-0.0006234	-0.0001900
89	-0.12286	-0.0005875	-0.0001754
90	-0.11930	-0.0005400	-0.0001148
91	-0.11757	-0.0004843	-0.0000257
92	-0.11814	-0.0004220	0.0000726
93	-0.12097	-0.0003535	0.0001594
94	-0.12554	-0.0002818	0.0002155
95	-0.13100	-0.0002157	0.0002330
96	-0.13653	-0.0001599	0.0002249
97	-0.15342	0.0003335	-0.0003451
98	-0.14506	0.0002582	-0.0003472
99	-0.13695	0.0001780	-0.0003241
100	-0.12976	0.0000921	-0.0002697

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Service Load Combination: S2

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
1	-0.21340	0.0003661	-0.0006619
2	-0.19710	0.0003045	-0.0007150
3	-0.17906	0.0002420	-0.0007733
4	-0.16075	0.0001434	-0.0007373
5	-0.14415	0.0000317	-0.0006377
6	-0.13038	-0.0000787	-0.0005063
7	-0.11993	-0.0001827	-0.0003648
8	-0.11282	-0.0002781	-0.0002297
9	-0.10874	-0.0003636	-0.0001143
10	-0.10709	-0.0004382	-0.0000291
11	-0.10705	-0.0005012	0.0000197
12	-0.10779	-0.0005481	0.0000415
13	-0.10870	-0.0005825	-0.0000076
14	-0.10694	-0.0005945	-0.0000840
15	-0.10388	-0.0005989	-0.0001569
16	-0.10000	-0.0005946	-0.0001549
17	-0.09693	-0.0005734	-0.0000919
18	-0.09595	-0.0005352	0.0000162
19	-0.09792	-0.0004808	0.0001510
20	-0.10324	-0.0004125	0.0002910
21	-0.11173	-0.0003354	0.0004091
22	-0.12243	-0.0002637	0.0004678
23	-0.13339	-0.0002198	0.0004297
24	-0.14299	-0.0001689	0.0003849
25	-0.20418	0.0004190	-0.0006019
26	-0.18943	0.0003602	-0.0006500
27	-0.17305	0.0002666	-0.0006883
28	-0.15714	0.0001585	-0.0006296
29	-0.14320	0.0000461	-0.0005264
30	-0.13207	-0.0000641	-0.0003989
31	-0.12412	-0.0001692	-0.0002641
32	-0.11933	-0.0002674	-0.0001374
33	-0.11736	-0.0003574	-0.0000317
34	-0.11756	-0.0004374	0.0000424
35	-0.11908	-0.0005045	0.0000781
36	-0.12097	-0.0005517	0.0000719
37	-0.12275	-0.0005853	0.0000091
38	-0.12136	-0.0006110	-0.0000757
39	-0.11841	-0.0006160	-0.0001584
40	-0.11432	-0.0006041	-0.0001716
41	-0.11066	-0.0005755	-0.0001250
42	-0.10869	-0.0005314	-0.0000326
43	-0.10932	-0.0004733	0.0000882
44	-0.11299	-0.0004035	0.0002174
45	-0.11963	-0.0003249	0.0003321
46	-0.12859	-0.0002444	0.0004061
47	-0.13836	-0.0001715	0.0003803
48	-0.14670	-0.0001275	0.0003351
49	-0.19321	0.0004810	-0.0005459
50	-0.17997	0.0004049	-0.0005634
51	-0.16628	0.0002893	-0.0005682
52	-0.15319	0.0001668	-0.0005124
53	-0.14203	0.0000495	-0.0004128
54	-0.13356	-0.0000624	-0.0002900
55	-0.12816	-0.0001694	-0.0001610
56	-0.12577	-0.0002711	-0.0000408
57	-0.12602	-0.0003664	0.0000566
58	-0.12821	-0.0004525	0.0001194

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Service Load Combination: S2

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
59	-0.13140	-0.0005240	0.0001382
60	-0.13440	-0.0005717	0.0001019
61	-0.13701	-0.0006130	0.0000317
62	-0.13645	-0.0006508	-0.0000578
63	-0.13365	-0.0006578	-0.0001628
64	-0.12921	-0.0006412	-0.0001951
65	-0.12478	-0.0006060	-0.0001650
66	-0.12168	-0.0005559	-0.0000866
67	-0.12086	-0.0004937	0.0000221
68	-0.12282	-0.0004208	0.0001406
69	-0.12751	-0.0003375	0.0002460
70	-0.13431	-0.0002442	0.0003115
71	-0.14194	-0.0001534	0.0003137
72	-0.14920	-0.0000983	0.0002953
73	-0.18179	0.0004563	-0.0004611
74	-0.17064	0.0003658	-0.0004664
75	-0.15957	0.0002617	-0.0004505
76	-0.14935	0.0001485	-0.0003941
77	-0.14097	0.0000357	-0.0002992
78	-0.13517	-0.0000738	-0.0001809
79	-0.13234	-0.0001805	-0.0000558
80	-0.13242	-0.0002847	0.0000601
81	-0.13502	-0.0003853	0.0001512
82	-0.13937	-0.0004790	0.0002032
83	-0.14436	-0.0005592	0.0002033
84	-0.14863	-0.0006179	0.0001417
85	-0.15246	-0.0006778	0.0000617
86	-0.15283	-0.0007190	-0.0000379
87	-0.15018	-0.0007237	-0.0001702
88	-0.14529	-0.0007014	-0.0002250
89	-0.13993	-0.0006598	-0.0002112
90	-0.13557	-0.0006052	-0.0001449
91	-0.13324	-0.0005415	-0.0000460
92	-0.13345	-0.0004704	0.0000634
93	-0.13618	-0.0003926	0.0001601
94	-0.14086	-0.0003114	0.0002225
95	-0.14651	-0.0002369	0.0002423
96	-0.15226	-0.0001735	0.0002332
97	-0.17172	0.0003758	-0.0003723
98	-0.16271	0.0002914	-0.0003746
99	-0.15397	0.0002016	-0.0003485
100	-0.14627	0.0001053	-0.0002874

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Service Load Combination: S3

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
1	-0.13131	0.0002176	-0.0003824
2	-0.12186	0.0001777	-0.0004170
3	-0.11127	0.0001365	-0.0004557
4	-0.10047	0.0000718	-0.0004344
5	-0.09072	-0.0000015	-0.0003730
6	-0.08272	-0.0000743	-0.0002918
7	-0.07676	-0.0001432	-0.0002047
8	-0.07286	-0.0002070	-0.0001222
9	-0.07079	-0.0002647	-0.0000531
10	-0.07014	-0.0003155	-0.0000040
11	-0.07040	-0.0003588	0.0000214
12	-0.07103	-0.0003913	0.0000305
13	-0.07170	-0.0004145	-0.0000038
14	-0.07055	-0.0004222	-0.0000564
15	-0.06843	-0.0004238	-0.0001112
16	-0.06559	-0.0004194	-0.0001179
17	-0.06309	-0.0004039	-0.0000844
18	-0.06178	-0.0003774	-0.0000210
19	-0.06224	-0.0003406	0.0000607
20	-0.06473	-0.0002950	0.0001466
21	-0.06918	-0.0002439	0.0002193
22	-0.07498	-0.0001964	0.0002548
23	-0.08090	-0.0001671	0.0002288
24	-0.08592	-0.0001339	0.0001994
25	-0.12581	0.0002512	-0.0003439
26	-0.11736	0.0002143	-0.0003746
27	-0.10786	0.0001520	-0.0003997
28	-0.09864	0.0000814	-0.0003637
29	-0.09064	0.0000076	-0.0002998
30	-0.08438	-0.0000651	-0.0002207
31	-0.08008	-0.0001349	-0.0001376
32	-0.07773	-0.0002006	-0.0000602
33	-0.07708	-0.0002613	0.0000029
34	-0.07770	-0.0003158	0.0000449
35	-0.07903	-0.0003618	0.0000616
36	-0.08044	-0.0003943	0.0000512
37	-0.08170	-0.0004168	0.0000074
38	-0.08079	-0.0004339	-0.0000513
39	-0.07872	-0.0004361	-0.0001136
40	-0.07571	-0.0004268	-0.0001305
41	-0.07278	-0.0004063	-0.0001077
42	-0.07078	-0.0003758	-0.0000543
43	-0.07033	-0.0003364	0.0000185
44	-0.07172	-0.0002897	0.0000977
45	-0.07494	-0.0002375	0.0001683
46	-0.07958	-0.0001845	0.0002136
47	-0.08471	-0.0001353	0.0001962
48	-0.08892	-0.0001077	0.0001672
49	-0.11919	0.0002910	-0.0003074
50	-0.11172	0.0002413	-0.0003183
51	-0.10397	0.0001666	-0.0003216
52	-0.09660	0.0000870	-0.0002871
53	-0.09041	0.0000102	-0.0002251
54	-0.08591	-0.0000636	-0.0001487
55	-0.08330	-0.0001347	-0.0000687
56	-0.08255	-0.0002029	0.0000048
57	-0.08340	-0.0002673	0.0000628
58	-0.08538	-0.0003260	0.0000975

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Service Load Combination: S3

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
59	-0.08785	-0.0003751	0.0001029
60	-0.09003	-0.0004080	0.0000719
61	-0.09186	-0.0004364	0.0000225
62	-0.09149	-0.0004610	-0.0000399
63	-0.08950	-0.0004646	-0.0001179
64	-0.08622	-0.0004520	-0.0001477
65	-0.08274	-0.0004269	-0.0001358
66	-0.07996	-0.0003922	-0.0000913
67	-0.07852	-0.0003499	-0.0000261
68	-0.07877	-0.0003010	0.0000465
69	-0.08070	-0.0002458	0.0001115
70	-0.08393	-0.0001847	0.0001517
71	-0.08765	-0.0001257	0.0001526
72	-0.09114	-0.0000891	0.0001409
73	-0.11228	0.0002762	-0.0002523
74	-0.10617	0.0002174	-0.0002554
75	-0.10012	0.0001499	-0.0002454
76	-0.09460	0.0000763	-0.0002100
77	-0.09023	0.0000025	-0.0001505
78	-0.08749	-0.0000699	-0.0000764
79	-0.08660	-0.0001409	0.0000015
80	-0.08751	-0.0002109	0.0000727
81	-0.08995	-0.0002790	0.0001271
82	-0.09340	-0.0003429	0.0001549
83	-0.09711	-0.0003980	0.0001478
84	-0.10016	-0.0004384	0.0000993
85	-0.10283	-0.0004793	0.0000427
86	-0.10307	-0.0005064	-0.0000273
87	-0.10114	-0.0005084	-0.0001243
88	-0.09752	-0.0004918	-0.0001694
89	-0.09339	-0.0004622	-0.0001682
90	-0.08973	-0.0004243	-0.0001314
91	-0.08726	-0.0003807	-0.0000722
92	-0.08633	-0.0003327	-0.0000051
93	-0.08696	-0.0002809	0.0000549
94	-0.08879	-0.0002275	0.0000936
95	-0.09123	-0.0001785	0.0001057
96	-0.09373	-0.0001367	0.0000999
97	-0.10619	0.0002269	-0.0001946
98	-0.10147	0.0001719	-0.0001958
99	-0.09693	0.0001134	-0.0001791
100	-0.09305	0.0000505	-0.0001403

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U1

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
1	-0.15113	0.0002367	-0.0004522
2	-0.13997	0.0001914	-0.0004908
3	-0.12755	0.0001449	-0.0005342
4	-0.11489	0.0000718	-0.0005099
5	-0.10342	-0.0000118	-0.0004393
6	-0.09398	-0.0000952	-0.0003456
7	-0.08689	-0.0001747	-0.0002446
8	-0.08219	-0.0002484	-0.0001487
9	-0.07963	-0.0003152	-0.0000678
10	-0.07875	-0.0003742	-0.0000095
11	-0.07896	-0.0004248	0.0000219
12	-0.07964	-0.0004628	0.0000352
13	-0.08045	-0.0004900	-0.0000026
14	-0.07922	-0.0004991	-0.0000619
15	-0.07687	-0.0005010	-0.0001238
16	-0.07371	-0.0004963	-0.0001303
17	-0.07098	-0.0004789	-0.0000907
18	-0.06964	-0.0004491	-0.0000166
19	-0.07035	-0.0004075	0.0000783
20	-0.07343	-0.0003561	0.0001779
21	-0.07877	-0.0002988	0.0002621
22	-0.08569	-0.0002460	0.0003031
23	-0.09275	-0.0002136	0.0002748
24	-0.09883	-0.0001762	0.0002423
25	-0.14513	0.0002772	-0.0004074
26	-0.13512	0.0002305	-0.0004427
27	-0.12392	0.0001639	-0.0004715
28	-0.11304	0.0000834	-0.0004297
29	-0.10357	-0.0000009	-0.0003555
30	-0.09611	-0.0000844	-0.0002638
31	-0.09094	-0.0001648	-0.0001672
32	-0.08804	-0.0002407	-0.0000770
33	-0.08712	-0.0003110	-0.0000029
34	-0.08771	-0.0003741	0.0000473
35	-0.08916	-0.0004277	0.0000689
36	-0.09077	-0.0004655	0.0000597
37	-0.09227	-0.0004934	0.0000106
38	-0.09132	-0.0005120	-0.0000561
39	-0.08902	-0.0005150	-0.0001263
40	-0.08568	-0.0005045	-0.0001444
41	-0.08246	-0.0004815	-0.0001170
42	-0.08034	-0.0004470	-0.0000543
43	-0.08003	-0.0004024	0.0000306
44	-0.08187	-0.0003495	0.0001227
45	-0.08584	-0.0002909	0.0002050
46	-0.09146	-0.0002311	0.0002580
47	-0.09766	-0.0001801	0.0002383
48	-0.10280	-0.0001445	0.0002052
49	-0.13777	0.0003267	-0.0003652
50	-0.12890	0.0002699	-0.0003782
51	-0.11969	0.0001833	-0.0003825
52	-0.11091	0.0000915	-0.0003420
53	-0.10352	0.0000031	-0.0002697
54	-0.09809	-0.0000821	-0.0001808
55	-0.09487	-0.0001642	-0.0000878
56	-0.09382	-0.0002430	-0.0000019
57	-0.09464	-0.0003175	0.0000665
58	-0.09680	-0.0003855	0.0001084

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U1

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
59	-0.09958	-0.0004424	0.0001170
60	-0.10209	-0.0004807	0.0000841
61	-0.10427	-0.0005138	0.0000283
62	-0.10394	-0.0005429	-0.0000429
63	-0.10173	-0.0005473	-0.0001310
64	-0.09809	-0.0005333	-0.0001638
65	-0.09426	-0.0005050	-0.0001487
66	-0.09126	-0.0004656	-0.0000963
67	-0.08983	-0.0004175	-0.0000200
68	-0.09036	-0.0003619	0.0000647
69	-0.09286	-0.0002991	0.0001408
70	-0.09689	-0.0002293	0.0001881
71	-0.10151	-0.0001613	0.0001889
72	-0.10584	-0.0001201	0.0001750
73	-0.12996	0.0003134	-0.0003016
74	-0.12266	0.0002452	-0.0003053
75	-0.11542	0.0001665	-0.0002939
76	-0.10880	0.0000809	-0.0002527
77	-0.10351	-0.0000048	-0.0001835
78	-0.10012	-0.0000886	-0.0000973
79	-0.09888	-0.0001709	-0.0000065
80	-0.09975	-0.0002519	0.0000768
81	-0.10242	-0.0003308	0.0001409
82	-0.10627	-0.0004047	0.0001748
83	-0.11049	-0.0004685	0.0001690
84	-0.11401	-0.0005152	0.0001159
85	-0.11716	-0.0005628	0.0000518
86	-0.11755	-0.0005948	-0.0000278
87	-0.11544	-0.0005978	-0.0001378
88	-0.11141	-0.0005793	-0.0001881
89	-0.10684	-0.0005458	-0.0001854
90	-0.10284	-0.0005026	-0.0001419
91	-0.10023	-0.0004529	-0.0000726
92	-0.09943	-0.0003980	0.0000058
93	-0.10045	-0.0003386	0.0000759
94	-0.10287	-0.0002770	0.0001211
95	-0.10600	-0.0002204	0.0001351
96	-0.10919	-0.0001724	0.0001283
97	-0.12303	0.0002584	-0.0002344
98	-0.11736	0.0001942	-0.0002357
99	-0.11188	0.0001257	-0.0002165
100	-0.10717	0.0000522	-0.0001716

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U2

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
1	-0.26089	0.0004404	-0.0008347
2	-0.24036	0.0003670	-0.0008973
3	-0.21780	0.0002930	-0.0009660
4	-0.19492	0.0001760	-0.0009217
5	-0.17414	0.0000430	-0.0008001
6	-0.15681	-0.0000888	-0.0006394
7	-0.14354	-0.0002129	-0.0004659
8	-0.13439	-0.0003266	-0.0002994
9	-0.12898	-0.0004284	-0.0001561
10	-0.12661	-0.0005171	-0.0000484
11	-0.12631	-0.0005920	0.0000160
12	-0.12709	-0.0006476	0.0000478
13	-0.12816	-0.0006888	-0.0000084
14	-0.12612	-0.0007034	-0.0000973
15	-0.12260	-0.0007096	-0.0001793
16	-0.11823	-0.0007057	-0.0001709
17	-0.11498	-0.0006817	-0.0000897
18	-0.11436	-0.0006373	0.0000451
19	-0.11740	-0.0005736	0.0002115
20	-0.12456	-0.0004931	0.0003835
21	-0.13560	-0.0004025	0.0005283
22	-0.14937	-0.0003185	0.0006006
23	-0.16348	-0.0002673	0.0005569
24	-0.17601	-0.0002070	0.0005045
25	-0.24980	0.0005060	-0.0007621
26	-0.23114	0.0004309	-0.0008201
27	-0.21051	0.0003238	-0.0008658
28	-0.19048	0.0001949	-0.0007937
29	-0.17287	0.0000608	-0.0006673
30	-0.15870	-0.0000708	-0.0005112
31	-0.14841	-0.0001961	-0.0003458
32	-0.14203	-0.0003131	-0.0001895
33	-0.13912	-0.0004202	-0.0000578
34	-0.13895	-0.0005152	0.0000366
35	-0.14051	-0.0005950	0.0000854
36	-0.14266	-0.0006509	0.0000843
37	-0.14477	-0.0006925	0.0000118
38	-0.14318	-0.0007222	-0.0000873
39	-0.13981	-0.0007292	-0.0001800
40	-0.13522	-0.0007162	-0.0001896
41	-0.13128	-0.0006834	-0.0001279
42	-0.12952	-0.0006321	-0.0000119
43	-0.13098	-0.0005640	0.0001378
44	-0.13620	-0.0004817	0.0002968
45	-0.14508	-0.0003891	0.0004378
46	-0.15680	-0.0002939	0.0005291
47	-0.16954	-0.0002124	0.0004988
48	-0.18056	-0.0001555	0.0004445
49	-0.23653	0.0005842	-0.0006947
50	-0.21968	0.0004931	-0.0007163
51	-0.20228	0.0003534	-0.0007223
52	-0.18562	0.0002062	-0.0006536
53	-0.17132	0.0000656	-0.0005315
54	-0.16034	-0.0000684	-0.0003812
55	-0.15309	-0.0001961	-0.0002228
56	-0.14956	-0.0003173	-0.0000745
57	-0.14930	-0.0004306	0.0000471
58	-0.15150	-0.0005328	0.0001280

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U2

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
59	-0.15503	-0.0006175	0.0001567
60	-0.15850	-0.0006740	0.0001201
61	-0.16161	-0.0007230	0.0000388
62	-0.16102	-0.0007690	-0.0000654
63	-0.15784	-0.0007783	-0.0001841
64	-0.15287	-0.0007599	-0.0002162
65	-0.14805	-0.0007194	-0.0001742
66	-0.14497	-0.0006611	-0.0000750
67	-0.14474	-0.0005881	0.0000599
68	-0.14793	-0.0005019	0.0002060
69	-0.15450	-0.0004031	0.0003359
70	-0.16367	-0.0002918	0.0004169
71	-0.17387	-0.0001827	0.0004198
72	-0.18361	-0.0001177	0.0003971
73	-0.22262	0.0005568	-0.0005927
74	-0.20829	0.0004476	-0.0005992
75	-0.19406	0.0003216	-0.0005801
76	-0.18085	0.0001848	-0.0005112
77	-0.16990	0.0000491	-0.0003952
78	-0.16211	-0.0000822	-0.0002506
79	-0.15794	-0.0002098	-0.0000972
80	-0.15736	-0.0003340	0.0000456
81	-0.15990	-0.0004536	0.0001594
82	-0.16464	-0.0005646	0.0002272
83	-0.17031	-0.0006595	0.0002337
84	-0.17527	-0.0007288	0.0001672
85	-0.17983	-0.0008000	0.0000748
86	-0.18038	-0.0008500	-0.0000408
87	-0.17740	-0.0008568	-0.0001915
88	-0.17192	-0.0008319	-0.0002502
89	-0.16604	-0.0007840	-0.0002277
90	-0.16149	-0.0007203	-0.0001432
91	-0.15948	-0.0006455	-0.0000203
92	-0.16061	-0.0005614	0.0001145
93	-0.16485	-0.0004689	0.0002334
94	-0.17148	-0.0003717	0.0003101
95	-0.17931	-0.0002822	0.0003343
96	-0.18724	-0.0002066	0.0003232
97	-0.21031	0.0004598	-0.0004852
98	-0.19857	0.0003576	-0.0004881
99	-0.18716	0.0002488	-0.0004566
100	-0.17700	0.0001325	-0.0003825

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U3

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
1	-0.21163	0.0003513	-0.0006670
2	-0.19522	0.0002909	-0.0007186
3	-0.17712	0.0002297	-0.0007755
4	-0.15875	0.0001331	-0.0007400
5	-0.14208	0.0000231	-0.0006413
6	-0.12821	-0.0000861	-0.0005107
7	-0.11764	-0.0001892	-0.0003698
8	-0.11041	-0.0002840	-0.0002350
9	-0.10621	-0.0003691	-0.0001193
10	-0.10445	-0.0004435	-0.0000333
11	-0.10432	-0.0005065	0.0000170
12	-0.10503	-0.0005535	0.0000412
13	-0.10596	-0.0005880	-0.0000061
14	-0.10429	-0.0006001	-0.0000807
15	-0.10133	-0.0006046	-0.0001518
16	-0.09759	-0.0006006	-0.0001487
17	-0.09467	-0.0005800	-0.0000852
18	-0.09386	-0.0005427	0.0000229
19	-0.09599	-0.0004895	0.0001574
20	-0.10145	-0.0004227	0.0002969
21	-0.11007	-0.0003476	0.0004144
22	-0.12090	-0.0002782	0.0004728
23	-0.13199	-0.0002357	0.0004364
24	-0.14178	-0.0001860	0.0003932
25	-0.20277	0.0004054	-0.0006073
26	-0.18789	0.0003434	-0.0006548
27	-0.17140	0.0002551	-0.0006927
28	-0.15538	0.0001486	-0.0006342
29	-0.14134	0.0000377	-0.0005314
30	-0.13008	-0.0000714	-0.0004043
31	-0.12199	-0.0001755	-0.0002699
32	-0.11706	-0.0002731	-0.0001432
33	-0.11496	-0.0003626	-0.0000370
34	-0.11504	-0.0004423	0.0000381
35	-0.11648	-0.0005093	0.0000755
36	-0.11834	-0.0005565	0.0000719
37	-0.12014	-0.0005914	0.0000108
38	-0.11884	-0.0006160	-0.0000726
39	-0.11600	-0.0006213	-0.0001531
40	-0.11205	-0.0006098	-0.0001649
41	-0.10856	-0.0005819	-0.0001175
42	-0.10677	-0.0005387	-0.0000249
43	-0.10759	-0.0004819	0.0000960
44	-0.11144	-0.0004134	0.0002250
45	-0.11826	-0.0003367	0.0003395
46	-0.12740	-0.0002580	0.0004136
47	-0.13735	-0.0001907	0.0003883
48	-0.14590	-0.0001436	0.0003438
49	-0.19211	0.0004701	-0.0005516
50	-0.17873	0.0003949	-0.0005692
51	-0.16489	0.0002798	-0.0005744
52	-0.15166	0.0001583	-0.0005184
53	-0.14035	0.0000420	-0.0004189
54	-0.13174	-0.0000691	-0.0002964
55	-0.12618	-0.0001754	-0.0001674
56	-0.12363	-0.0002764	-0.0000472
57	-0.12374	-0.0003712	0.0000508
58	-0.12580	-0.0004569	0.0001148

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U3

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
59	-0.12890	-0.0005281	0.0001356
60	-0.13188	-0.0005758	0.0001021
61	-0.13452	-0.0006170	0.0000334
62	-0.13404	-0.0006551	-0.0000546
63	-0.13135	-0.0006623	-0.0001572
64	-0.12707	-0.0006464	-0.0001878
65	-0.12283	-0.0006119	-0.0001567
66	-0.11994	-0.0005628	-0.0000778
67	-0.11933	-0.0005017	0.0000310
68	-0.12150	-0.0004300	0.0001495
69	-0.12641	-0.0003480	0.0002552
70	-0.13344	-0.0002561	0.0003210
71	-0.14129	-0.0001660	0.0003231
72	-0.14877	-0.0001122	0.0003044
73	-0.18091	0.0004488	-0.0004674
74	-0.16961	0.0003586	-0.0004727
75	-0.15839	0.0002545	-0.0004570
76	-0.14800	0.0001415	-0.0004007
77	-0.13946	0.0000292	-0.0003060
78	-0.13350	-0.0000799	-0.0001879
79	-0.13050	-0.0001861	-0.0000629
80	-0.13041	-0.0002898	0.0000532
81	-0.13285	-0.0003898	0.0001449
82	-0.13706	-0.0004830	0.0001982
83	-0.14196	-0.0005627	0.0002004
84	-0.14619	-0.0006211	0.0001417
85	-0.15005	-0.0006809	0.0000634
86	-0.15052	-0.0007224	-0.0000345
87	-0.14798	-0.0007277	-0.0001640
88	-0.14326	-0.0007062	-0.0002168
89	-0.13812	-0.0006654	-0.0002019
90	-0.13399	-0.0006118	-0.0001351
91	-0.13189	-0.0005490	-0.0000360
92	-0.13234	-0.0004788	0.0000734
93	-0.13532	-0.0004019	0.0001703
94	-0.14024	-0.0003214	0.0002328
95	-0.14614	-0.0002472	0.0002523
96	-0.15212	-0.0001845	0.0002433
97	-0.17099	0.0003704	-0.0003786
98	-0.16183	0.0002859	-0.0003809
99	-0.15294	0.0001959	-0.0003550
100	-0.14507	0.0000996	-0.0002942

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U4

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
1	-0.14822	0.0002417	-0.0004351
2	-0.13748	0.0001968	-0.0004738
3	-0.12546	0.0001506	-0.0005172
4	-0.11320	0.0000780	-0.0004932
5	-0.10213	-0.0000046	-0.0004239
6	-0.09303	-0.0000866	-0.0003322
7	-0.08623	-0.0001645	-0.0002336
8	-0.08177	-0.0002366	-0.0001403
9	-0.07938	-0.0003018	-0.0000619
10	-0.07862	-0.0003593	-0.0000059
11	-0.07888	-0.0004084	0.0000234
12	-0.07958	-0.0004453	0.0000345
13	-0.08035	-0.0004716	-0.0000037
14	-0.07907	-0.0004804	-0.0000628
15	-0.07671	-0.0004822	-0.0001243
16	-0.07353	-0.0004773	-0.0001315
17	-0.07076	-0.0004600	-0.0000935
18	-0.06932	-0.0004303	-0.0000215
19	-0.06989	-0.0003889	0.0000709
20	-0.07277	-0.0003377	0.0001681
21	-0.07785	-0.0002805	0.0002503
22	-0.08447	-0.0002274	0.0002904
23	-0.09122	-0.0001947	0.0002616
24	-0.09698	-0.0001575	0.0002287
25	-0.14211	0.0002802	-0.0003915
26	-0.13249	0.0002373	-0.0004262
27	-0.12170	0.0001684	-0.0004545
28	-0.11121	0.0000890	-0.0004137
29	-0.10210	0.0000058	-0.0003414
30	-0.09496	-0.0000762	-0.0002519
31	-0.09005	-0.0001550	-0.0001578
32	-0.08734	-0.0002292	-0.0000702
33	-0.08655	-0.0002979	0.0000015
34	-0.08722	-0.0003595	0.0000494
35	-0.08870	-0.0004116	0.0000690
36	-0.09029	-0.0004484	0.0000580
37	-0.09172	-0.0004744	0.0000090
38	-0.09072	-0.0004934	-0.0000570
39	-0.08841	-0.0004961	-0.0001270
40	-0.08505	-0.0004856	-0.0001456
41	-0.08178	-0.0004626	-0.0001196
42	-0.07958	-0.0004283	-0.0000590
43	-0.07913	-0.0003841	0.0000236
44	-0.08077	-0.0003316	0.0001132
45	-0.08448	-0.0002731	0.0001932
46	-0.08980	-0.0002136	0.0002446
47	-0.09567	-0.0001597	0.0002251
48	-0.10051	-0.0001275	0.0001924
49	-0.13471	0.0003261	-0.0003503
50	-0.12621	0.0002701	-0.0003627
51	-0.11738	0.0001857	-0.0003666
52	-0.10896	0.0000958	-0.0003274
53	-0.10190	0.0000091	-0.0002572
54	-0.09675	-0.0000743	-0.0001706
55	-0.09375	-0.0001547	-0.0000801
56	-0.09285	-0.0002317	0.0000033
57	-0.09376	-0.0003046	0.0000692
58	-0.09596	-0.0003709	0.0001090

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U4

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
59	-0.09873	-0.0004264	0.0001158
60	-0.10120	-0.0004637	0.0000816
61	-0.10328	-0.0004959	0.0000261
62	-0.10289	-0.0005239	-0.0000442
63	-0.10066	-0.0005280	-0.0001318
64	-0.09700	-0.0005140	-0.0001650
65	-0.09312	-0.0004858	-0.0001511
66	-0.09004	-0.0004468	-0.0001006
67	-0.08848	-0.0003992	-0.0000266
68	-0.08883	-0.0003442	0.0000557
69	-0.09109	-0.0002821	0.0001294
70	-0.09482	-0.0002132	0.0001751
71	-0.09912	-0.0001466	0.0001760
72	-0.10315	-0.0001056	0.0001627
73	-0.12695	0.0003105	-0.0002880
74	-0.11998	0.0002440	-0.0002916
75	-0.11307	0.0001675	-0.0002803
76	-0.10676	0.0000841	-0.0002402
77	-0.10176	0.0000006	-0.0001728
78	-0.09860	-0.0000812	-0.0000889
79	-0.09753	-0.0001616	-0.0000006
80	-0.09851	-0.0002407	0.0000801
81	-0.10122	-0.0003177	0.0001419
82	-0.10508	-0.0003900	0.0001739
83	-0.10926	-0.0004523	0.0001665
84	-0.11270	-0.0004979	0.0001125
85	-0.11573	-0.0005442	0.0000490
86	-0.11604	-0.0005751	-0.0000298
87	-0.11390	-0.0005775	-0.0001388
88	-0.10985	-0.0005590	-0.0001892
89	-0.10523	-0.0005258	-0.0001875
90	-0.10117	-0.0004830	-0.0001457
91	-0.09844	-0.0004339	-0.0000785
92	-0.09747	-0.0003799	-0.0000024
93	-0.09827	-0.0003215	0.0000656
94	-0.10043	-0.0002611	0.0001094
95	-0.10327	-0.0002058	0.0001232
96	-0.10618	-0.0001586	0.0001166
97	-0.12010	0.0002554	-0.0002226
98	-0.11471	0.0001930	-0.0002240
99	-0.10951	0.0001266	-0.0002051
100	-0.10506	0.0000553	-0.0001613

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U5

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
1	-0.24900	0.0004290	-0.0007621
2	-0.23022	0.0003564	-0.0008250
3	-0.20938	0.0002825	-0.0008941
4	-0.18821	0.0001660	-0.0008522
5	-0.16904	0.0000341	-0.0007359
6	-0.15316	-0.0000961	-0.0005827
7	-0.14116	-0.0002187	-0.0004177
8	-0.13305	-0.0003314	-0.0002606
9	-0.12846	-0.0004324	-0.0001268
10	-0.12667	-0.0005206	-0.0000288
11	-0.12673	-0.0005951	0.0000262
12	-0.12766	-0.0006506	0.0000497
13	-0.12873	-0.0006912	-0.0000092
14	-0.12664	-0.0007052	-0.0001001
15	-0.12298	-0.0007100	-0.0001883
16	-0.11829	-0.0007044	-0.0001883
17	-0.11451	-0.0006789	-0.0001166
18	-0.11312	-0.0006333	0.0000083
19	-0.11516	-0.0005687	0.0001650
20	-0.12110	-0.0004878	0.0003281
21	-0.13072	-0.0003964	0.0004658
22	-0.14294	-0.0003113	0.0005340
23	-0.15543	-0.0002590	0.0004885
24	-0.16630	-0.0001988	0.0004352
25	-0.23820	0.0004905	-0.0006918
26	-0.22123	0.0004229	-0.0007483
27	-0.20236	0.0003109	-0.0007934
28	-0.18403	0.0001836	-0.0007250
29	-0.16800	0.0000509	-0.0006047
30	-0.15524	-0.0000791	-0.0004559
31	-0.14618	-0.0002030	-0.0002989
32	-0.14081	-0.0003190	-0.0001515
33	-0.13871	-0.0004253	-0.0000291
34	-0.13912	-0.0005199	0.0000558
35	-0.14102	-0.0005994	0.0000954
36	-0.14330	-0.0006552	0.0000856
37	-0.14540	-0.0006944	0.0000106
38	-0.14375	-0.0007251	-0.0000905
39	-0.14021	-0.0007305	-0.0001905
40	-0.13527	-0.0007160	-0.0002086
41	-0.13076	-0.0006817	-0.0001563
42	-0.12820	-0.0006291	-0.0000497
43	-0.12865	-0.0005602	0.0000906
44	-0.13263	-0.0004774	0.0002410
45	-0.14007	-0.0003843	0.0003745
46	-0.15020	-0.0002890	0.0004605
47	-0.16128	-0.0002012	0.0004299
48	-0.17067	-0.0001509	0.0003769
49	-0.22536	0.0005623	-0.0006260
50	-0.21017	0.0004725	-0.0006463
51	-0.19447	0.0003369	-0.0006519
52	-0.17946	0.0001929	-0.0005870
53	-0.16669	0.0000548	-0.0004708
54	-0.15708	-0.0000771	-0.0003276
55	-0.15103	-0.0002033	-0.0001771
56	-0.14849	-0.0003234	-0.0000374
57	-0.14902	-0.0004361	0.0000753
58	-0.15178	-0.0005379	0.0001470

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U5

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
59	-0.15565	-0.0006226	0.0001665
60	-0.15926	-0.0006791	0.0001210
61	-0.16234	-0.0007280	0.0000371
62	-0.16165	-0.0007723	-0.0000695
63	-0.15828	-0.0007801	-0.0001962
64	-0.15292	-0.0007600	-0.0002370
65	-0.14749	-0.0007178	-0.0002040
66	-0.14359	-0.0006582	-0.0001139
67	-0.14231	-0.0005844	0.0000121
68	-0.14426	-0.0004980	0.0001499
69	-0.14939	-0.0003995	0.0002727
70	-0.15698	-0.0002895	0.0003488
71	-0.16553	-0.0001828	0.0003513
72	-0.17365	-0.0001175	0.0003298
73	-0.21203	0.0005325	-0.0005263
74	-0.19930	0.0004262	-0.0005324
75	-0.18667	0.0003041	-0.0005137
76	-0.17502	0.0001711	-0.0004479
77	-0.16553	0.0000386	-0.0003371
78	-0.15906	-0.0000904	-0.0001990
79	-0.15604	-0.0002162	-0.0000530
80	-0.15643	-0.0003392	0.0000818
81	-0.15973	-0.0004582	0.0001872
82	-0.16504	-0.0005691	0.0002462
83	-0.17106	-0.0006642	0.0002437
84	-0.17615	-0.0007337	0.0001681
85	-0.18068	-0.0008046	0.0000724
86	-0.18109	-0.0008529	-0.0000463
87	-0.17788	-0.0008580	-0.0002054
88	-0.17197	-0.0008310	-0.0002728
89	-0.16544	-0.0007812	-0.0002591
90	-0.16003	-0.0007162	-0.0001832
91	-0.15695	-0.0006405	-0.0000686
92	-0.15683	-0.0005563	0.0000587
93	-0.15965	-0.0004644	0.0001714
94	-0.16474	-0.0003688	0.0002441
95	-0.17096	-0.0002810	0.0002671
96	-0.17729	-0.0002063	0.0002565
97	-0.20028	0.0004381	-0.0004221
98	-0.19006	0.0003391	-0.0004247
99	-0.18016	0.0002337	-0.0003941
100	-0.17148	0.0001207	-0.0003226

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U6

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
1	-0.13452	0.0002299	-0.0003858
2	-0.12498	0.0001886	-0.0004219
3	-0.11426	0.0001460	-0.0004620
4	-0.10331	0.0000790	-0.0004400
5	-0.09344	0.0000035	-0.0003771
6	-0.08536	-0.0000712	-0.0002941
7	-0.07937	-0.0001418	-0.0002052
8	-0.07547	-0.0002071	-0.0001212
9	-0.07344	-0.0002660	-0.0000511
10	-0.07285	-0.0003177	-0.0000016
11	-0.07316	-0.0003617	0.0000233
12	-0.07382	-0.0003946	0.0000312
13	-0.07450	-0.0004182	-0.0000047
14	-0.07327	-0.0004260	-0.0000592
15	-0.07106	-0.0004275	-0.0001160
16	-0.06809	-0.0004229	-0.0001234
17	-0.06546	-0.0004068	-0.0000897
18	-0.06403	-0.0003793	-0.0000252
19	-0.06440	-0.0003412	0.0000580
20	-0.06685	-0.0002940	0.0001457
21	-0.07129	-0.0002409	0.0002199
22	-0.07713	-0.0001913	0.0002561
23	-0.08307	-0.0001606	0.0002287
24	-0.08806	-0.0001261	0.0001978
25	-0.12873	0.0002633	-0.0003465
26	-0.12021	0.0002277	-0.0003780
27	-0.11062	0.0001612	-0.0004038
28	-0.10131	0.0000886	-0.0003671
29	-0.09324	0.0000126	-0.0003019
30	-0.08695	-0.0000620	-0.0002212
31	-0.08266	-0.0001334	-0.0001365
32	-0.08034	-0.0002006	-0.0000578
33	-0.07976	-0.0002626	0.0000061
34	-0.08046	-0.0003182	0.0000481
35	-0.08186	-0.0003650	0.0000641
36	-0.08332	-0.0003981	0.0000520
37	-0.08458	-0.0004202	0.0000066
38	-0.08361	-0.0004382	-0.0000540
39	-0.08144	-0.0004403	-0.0001186
40	-0.07829	-0.0004306	-0.0001366
41	-0.07521	-0.0004093	-0.0001139
42	-0.07308	-0.0003778	-0.0000598
43	-0.07251	-0.0003371	0.0000143
44	-0.07382	-0.0002887	0.0000949
45	-0.07699	-0.0002346	0.0001668
46	-0.08160	-0.0001796	0.0002128
47	-0.08671	-0.0001264	0.0001947
48	-0.09087	-0.0001001	0.0001650
49	-0.12182	0.0003022	-0.0003092
50	-0.11431	0.0002511	-0.0003202
51	-0.10652	0.0001750	-0.0003234
52	-0.09910	0.0000935	-0.0002884
53	-0.09289	0.0000148	-0.0002253
54	-0.08840	-0.0000608	-0.0001475
55	-0.08584	-0.0001335	-0.0000661
56	-0.08517	-0.0002032	0.0000086
57	-0.08612	-0.0002690	0.0000672
58	-0.08821	-0.0003289	0.0001018

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U6

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
59	-0.09077	-0.0003789	0.0001062
60	-0.09301	-0.0004124	0.0000730
61	-0.09485	-0.0004413	0.0000219
62	-0.09442	-0.0004662	-0.0000424
63	-0.09233	-0.0004696	-0.0001232
64	-0.08890	-0.0004565	-0.0001545
65	-0.08526	-0.0004305	-0.0001429
66	-0.08231	-0.0003947	-0.0000980
67	-0.08073	-0.0003510	-0.0000318
68	-0.08085	-0.0003006	0.0000420
69	-0.08268	-0.0002437	0.0001080
70	-0.08583	-0.0001808	0.0001487
71	-0.08949	-0.0001204	0.0001497
72	-0.09291	-0.0000826	0.0001379
73	-0.11466	0.0002852	-0.0002528
74	-0.10854	0.0002253	-0.0002560
75	-0.10248	0.0001566	-0.0002457
76	-0.09696	0.0000816	-0.0002096
77	-0.09262	0.0000063	-0.0001490
78	-0.08993	-0.0000675	-0.0000736
79	-0.08911	-0.0001400	0.0000057
80	-0.09014	-0.0002115	0.0000780
81	-0.09272	-0.0002810	0.0001329
82	-0.09630	-0.0003463	0.0001604
83	-0.10013	-0.0004026	0.0001519
84	-0.10325	-0.0004438	0.0001009
85	-0.10594	-0.0004855	0.0000424
86	-0.10614	-0.0005128	-0.0000297
87	-0.10411	-0.0005146	-0.0001300
88	-0.10032	-0.0004973	-0.0001769
89	-0.09600	-0.0004667	-0.0001764
90	-0.09215	-0.0004275	-0.0001393
91	-0.08950	-0.0003826	-0.0000792
92	-0.08841	-0.0003333	-0.0000110
93	-0.08891	-0.0002802	0.0000498
94	-0.09063	-0.0002255	0.0000892
95	-0.09297	-0.0001755	0.0001016
96	-0.09536	-0.0001326	0.0000957
97	-0.10838	0.0002338	-0.0001941
98	-0.10368	0.0001780	-0.0001954
99	-0.09915	0.0001186	-0.0001783
100	-0.09530	0.0000547	-0.0001387

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U7

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
1	-0.11086	0.0001640	-0.0003400
2	-0.10248	0.0001312	-0.0003675
3	-0.09320	0.0000978	-0.0003986
4	-0.08375	0.0000451	-0.0003810
5	-0.07517	-0.0000156	-0.0003292
6	-0.06807	-0.0000767	-0.0002602
7	-0.06272	-0.0001350	-0.0001857
8	-0.05913	-0.0001892	-0.0001147
9	-0.05713	-0.0002385	-0.0000544
10	-0.05639	-0.0002822	-0.0000104
11	-0.05648	-0.0003197	0.0000141
12	-0.05695	-0.0003482	0.0000259
13	-0.05757	-0.0003685	-0.0000006
14	-0.05673	-0.0003753	-0.0000433
15	-0.05506	-0.0003767	-0.0000879
16	-0.05283	-0.0003735	-0.0000918
17	-0.05092	-0.0003611	-0.0000620
18	-0.05005	-0.0003396	-0.0000070
19	-0.05071	-0.0003097	0.0000633
20	-0.05312	-0.0002727	0.0001369
21	-0.05719	-0.0002317	0.0001989
22	-0.06243	-0.0001943	0.0002292
23	-0.06778	-0.0001714	0.0002095
24	-0.07245	-0.0001446	0.0001867
25	-0.10668	0.0001950	-0.0003070
26	-0.09915	0.0001578	-0.0003327
27	-0.09074	0.0001126	-0.0003538
28	-0.08257	0.0000541	-0.0003228
29	-0.07544	-0.0000074	-0.0002681
30	-0.06981	-0.0000685	-0.0002003
31	-0.06586	-0.0001275	-0.0001288
32	-0.06359	-0.0001834	-0.0000618
33	-0.06280	-0.0002352	-0.0000064
34	-0.06314	-0.0002818	0.0000317
35	-0.06415	-0.0003216	0.0000491
36	-0.06532	-0.0003496	0.0000443
37	-0.06646	-0.0003714	0.0000092
38	-0.06582	-0.0003843	-0.0000391
39	-0.06420	-0.0003868	-0.0000896
40	-0.06183	-0.0003793	-0.0001019
41	-0.05958	-0.0003628	-0.0000809
42	-0.05815	-0.0003379	-0.0000342
43	-0.05807	-0.0003058	0.0000289
44	-0.05958	-0.0002676	0.0000972
45	-0.06267	-0.0002255	0.0001582
46	-0.06699	-0.0001826	0.0001977
47	-0.07175	-0.0001491	0.0001835
48	-0.07573	-0.0001202	0.0001593
49	-0.10146	0.0002340	-0.0002759
50	-0.09476	0.0001925	-0.0002857
51	-0.08780	0.0001285	-0.0002891
52	-0.08116	0.0000611	-0.0002589
53	-0.07556	-0.0000037	-0.0002052
54	-0.07141	-0.0000663	-0.0001394
55	-0.06890	-0.0001267	-0.0000704
56	-0.06799	-0.0001848	-0.0000065
57	-0.06848	-0.0002397	0.0000447
58	-0.06999	-0.0002899	0.0000769

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U7

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
59	-0.07198	-0.0003319	0.0000848
60	-0.07382	-0.0003604	0.0000626
61	-0.07546	-0.0003849	0.0000223
62	-0.07529	-0.0004067	-0.0000294
63	-0.07374	-0.0004103	-0.0000928
64	-0.07116	-0.0004003	-0.0001158
65	-0.06846	-0.0003799	-0.0001038
66	-0.06640	-0.0003514	-0.0000645
67	-0.06550	-0.0003166	-0.0000077
68	-0.06607	-0.0002762	0.0000553
69	-0.06811	-0.0002306	0.0001119
70	-0.07128	-0.0001798	0.0001473
71	-0.07489	-0.0001299	0.0001478
72	-0.07828	-0.0001003	0.0001373
73	-0.09583	0.0002268	-0.0002291
74	-0.09029	0.0001763	-0.0002318
75	-0.08479	0.0001180	-0.0002236
76	-0.07974	0.0000545	-0.0001931
77	-0.07569	-0.0000088	-0.0001417
78	-0.07304	-0.0000707	-0.0000778
79	-0.07198	-0.0001314	-0.0000105
80	-0.07250	-0.0001912	0.0000515
81	-0.07435	-0.0002494	0.0000996
82	-0.07710	-0.0003039	0.0001258
83	-0.08015	-0.0003508	0.0001232
84	-0.08274	-0.0003853	0.0000861
85	-0.08510	-0.0004206	0.0000399
86	-0.08547	-0.0004446	-0.0000179
87	-0.08400	-0.0004472	-0.0000974
88	-0.08115	-0.0004341	-0.0001332
89	-0.07792	-0.0004100	-0.0001303
90	-0.07513	-0.0003786	-0.0000976
91	-0.07338	-0.0003424	-0.0000459
92	-0.07298	-0.0003024	0.0000124
93	-0.07393	-0.0002590	0.0000645
94	-0.07593	-0.0002137	0.0000981
95	-0.07845	-0.0001720	0.0001084
96	-0.08101	-0.0001369	0.0001033
97	-0.09081	0.0001877	-0.0001792
98	-0.08647	0.0001398	-0.0001802
99	-0.08228	0.0000889	-0.0001660
100	-0.07866	0.0000342	-0.0001329

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U8

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
1	-0.17427	0.0002736	-0.0005719
2	-0.16022	0.0002253	-0.0006122
3	-0.14487	0.0001769	-0.0006569
4	-0.12930	0.0001002	-0.0006278
5	-0.11512	0.0000120	-0.0005466
6	-0.10326	-0.0000762	-0.0004388
7	-0.09413	-0.0001597	-0.0003219
8	-0.08778	-0.0002366	-0.0002093
9	-0.08396	-0.0003057	-0.0001118
10	-0.08222	-0.0003663	-0.0000378
11	-0.08192	-0.0004178	0.0000078
12	-0.08241	-0.0004564	0.0000326
13	-0.08318	-0.0004849	-0.0000030
14	-0.08194	-0.0004950	-0.0000612
15	-0.07969	-0.0004991	-0.0001154
16	-0.07688	-0.0004967	-0.0001090
17	-0.07484	-0.0004811	-0.0000538
18	-0.07459	-0.0004520	0.0000374
19	-0.07681	-0.0004102	0.0001497
20	-0.08181	-0.0003576	0.0002656
21	-0.08942	-0.0002988	0.0003630
22	-0.09887	-0.0002450	0.0004116
23	-0.10855	-0.0002124	0.0003843
24	-0.11725	-0.0001732	0.0003511
25	-0.16734	0.0003203	-0.0005228
26	-0.15455	0.0002639	-0.0005614
27	-0.14045	0.0001992	-0.0005921
28	-0.12674	0.0001137	-0.0005433
29	-0.11468	0.0000245	-0.0004580
30	-0.10492	-0.0000637	-0.0003527
31	-0.09780	-0.0001481	-0.0002409
32	-0.09332	-0.0002272	-0.0001348
33	-0.09120	-0.0002999	-0.0000449
34	-0.09096	-0.0003646	0.0000204
35	-0.09194	-0.0004193	0.0000557
36	-0.09338	-0.0004577	0.0000582
37	-0.09487	-0.0004883	0.0000110
38	-0.09394	-0.0005069	-0.0000546
39	-0.09178	-0.0005120	-0.0001157
40	-0.08884	-0.0005036	-0.0001212
41	-0.08635	-0.0004821	-0.0000788
42	-0.08534	-0.0004483	-0.0000000
43	-0.08653	-0.0004035	0.0001013
44	-0.09026	-0.0003494	0.0002090
45	-0.09646	-0.0002891	0.0003045
46	-0.10459	-0.0002270	0.0003667
47	-0.11343	-0.0001801	0.0003468
48	-0.12112	-0.0001364	0.0003107
49	-0.15886	0.0003780	-0.0004772
50	-0.14729	0.0003173	-0.0004922
51	-0.13532	0.0002227	-0.0004969
52	-0.12386	0.0001236	-0.0004498
53	-0.11401	0.0000292	-0.0003670
54	-0.10640	-0.0000611	-0.0002651
55	-0.10133	-0.0001474	-0.0001577
56	-0.09878	-0.0002295	-0.0000569
57	-0.09845	-0.0003064	0.0000263
58	-0.09982	-0.0003758	0.0000827

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U8

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
59	-0.10215	-0.0004336	0.0001046
60	-0.10450	-0.0004724	0.0000832
61	-0.10670	-0.0005060	0.0000296
62	-0.10644	-0.0005379	-0.0000398
63	-0.10442	-0.0005446	-0.0001182
64	-0.10123	-0.0005327	-0.0001386
65	-0.09817	-0.0005061	-0.0001093
66	-0.09629	-0.0004675	-0.0000417
67	-0.09635	-0.0004191	0.0000499
68	-0.09874	-0.0003621	0.0001491
69	-0.10343	-0.0002966	0.0002376
70	-0.10989	-0.0002226	0.0002933
71	-0.11706	-0.0001493	0.0002948
72	-0.12390	-0.0001068	0.0002790
73	-0.14979	0.0003650	-0.0004085
74	-0.13992	0.0002909	-0.0004129
75	-0.13011	0.0002050	-0.0004003
76	-0.12098	0.0001119	-0.0003536
77	-0.11339	0.0000198	-0.0002749
78	-0.10794	-0.0000694	-0.0001768
79	-0.10495	-0.0001559	-0.0000727
80	-0.10440	-0.0002403	0.0000245
81	-0.10597	-0.0003215	0.0001026
82	-0.10908	-0.0003969	0.0001502
83	-0.11286	-0.0004613	0.0001571
84	-0.11623	-0.0005085	0.0001153
85	-0.11942	-0.0005572	0.0000544
86	-0.11995	-0.0005920	-0.0000226
87	-0.11808	-0.0005974	-0.0001225
88	-0.11456	-0.0005813	-0.0001608
89	-0.11080	-0.0005497	-0.0001447
90	-0.10795	-0.0005074	-0.0000870
91	-0.10683	-0.0004575	-0.0000034
92	-0.10785	-0.0004014	0.0000882
93	-0.11098	-0.0003393	0.0001692
94	-0.11574	-0.0002739	0.0002214
95	-0.12132	-0.0002134	0.0002376
96	-0.12696	-0.0001628	0.0002300
97	-0.14170	0.0003027	-0.0003352
98	-0.13360	0.0002327	-0.0003370
99	-0.12571	0.0001582	-0.0003159
100	-0.11867	0.0000784	-0.0002658

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U9

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
1	-0.05979	0.0000745	-0.0001956
2	-0.05498	0.0000574	-0.0002091
3	-0.04974	0.0000404	-0.0002248
4	-0.04440	0.0000133	-0.0002156
5	-0.03953	-0.0000186	-0.0001878
6	-0.03546	-0.0000513	-0.0001502
7	-0.03235	-0.0000828	-0.0001093
8	-0.03020	-0.0001123	-0.0000700
9	-0.02894	-0.0001393	-0.0000361
10	-0.02840	-0.0001634	-0.0000106
11	-0.02835	-0.0001844	0.0000049
12	-0.02858	-0.0002005	0.0000141
13	-0.02894	-0.0002119	0.0000014
14	-0.02858	-0.0002158	-0.0000203
15	-0.02777	-0.0002167	-0.0000431
16	-0.02668	-0.0002152	-0.0000441
17	-0.02580	-0.0002090	-0.0000269
18	-0.02550	-0.0001981	0.0000038
19	-0.02605	-0.0001827	0.0000427
20	-0.02756	-0.0001638	0.0000831
21	-0.02999	-0.0001433	0.0001170
22	-0.03305	-0.0001250	0.0001336
23	-0.03619	-0.0001140	0.0001245
24	-0.03901	-0.0001005	0.0001137
25	-0.05787	0.0000931	-0.0001774
26	-0.05352	0.0000686	-0.0001912
27	-0.04870	0.0000495	-0.0002025
28	-0.04402	0.0000187	-0.0001853
29	-0.03992	-0.0000137	-0.0001552
30	-0.03663	-0.0000466	-0.0001180
31	-0.03427	-0.0000785	-0.0000785
32	-0.03285	-0.0001088	-0.0000412
33	-0.03225	-0.0001372	-0.0000098
34	-0.03231	-0.0001628	0.0000127
35	-0.03277	-0.0001849	0.0000245
36	-0.03339	-0.0002005	0.0000247
37	-0.03405	-0.0002141	0.0000070
38	-0.03380	-0.0002201	-0.0000181
39	-0.03302	-0.0002218	-0.0000438
40	-0.03186	-0.0002181	-0.0000491
41	-0.03080	-0.0002097	-0.0000365
42	-0.03022	-0.0001969	-0.0000101
43	-0.03039	-0.0001803	0.0000250
44	-0.03144	-0.0001607	0.0000629
45	-0.03337	-0.0001394	0.0000968
46	-0.03599	-0.0001176	0.0001189
47	-0.03886	-0.0001053	0.0001117
48	-0.04131	-0.0000856	0.0000988
49	-0.05531	0.0001179	-0.0001604
50	-0.05142	0.0000959	-0.0001661
51	-0.04737	0.0000607	-0.0001684
52	-0.04350	0.0000242	-0.0001513
53	-0.04021	-0.0000108	-0.0001215
54	-0.03772	-0.0000447	-0.0000850
55	-0.03614	-0.0000776	-0.0000467
56	-0.03546	-0.0001093	-0.0000110
57	-0.03556	-0.0001393	0.0000183
58	-0.03625	-0.0001667	0.0000376

B2 - NODAL DISPLACEMENTS AND ROTATIONS:
==========

Units --> Displacement (in), Rotation (Radians)
Flags --> [x] Indicates maximum displacement is exceeded.
Ultimate Load Combination: U9

Node	Disp, Dz	X-Rot, Rx	Y-Rot, Ry
59	-0.03726	-0.0001899	0.0000443
60	-0.03825	-0.0002057	0.0000351
61	-0.03921	-0.0002193	0.0000144
62	-0.03921	-0.0002318	-0.0000127
63	-0.03847	-0.0002341	-0.0000452
64	-0.03722	-0.0002292	-0.0000561
65	-0.03593	-0.0002187	-0.0000482
66	-0.03502	-0.0002040	-0.0000258
67	-0.03477	-0.0001858	0.0000060
68	-0.03533	-0.0001647	0.0000412
69	-0.03672	-0.0001408	0.0000729
70	-0.03874	-0.0001140	0.0000932
71	-0.04102	-0.0000869	0.0000932
72	-0.04317	-0.0000719	0.0000871
73	-0.05243	0.0001177	-0.0001350
74	-0.04916	0.0000900	-0.0001365
75	-0.04592	0.0000575	-0.0001322
76	-0.04292	0.0000224	-0.0001153
77	-0.04047	-0.0000125	-0.0000868
78	-0.03881	-0.0000464	-0.0000514
79	-0.03802	-0.0000797	-0.0000140
80	-0.03811	-0.0001125	0.0000207
81	-0.03896	-0.0001443	0.0000482
82	-0.04034	-0.0001741	0.0000644
83	-0.04193	-0.0001997	0.0000653
84	-0.04333	-0.0002186	0.0000481
85	-0.04468	-0.0002381	0.0000243
86	-0.04500	-0.0002519	-0.0000061
87	-0.04431	-0.0002540	-0.0000471
88	-0.04292	-0.0002476	-0.0000649
89	-0.04136	-0.0002351	-0.0000620
90	-0.04007	-0.0002187	-0.0000431
91	-0.03937	-0.0001997	-0.0000141
92	-0.03943	-0.0001784	0.0000185
93	-0.04024	-0.0001551	0.0000477
94	-0.04164	-0.0001306	0.0000665
95	-0.04332	-0.0001079	0.0000720
96	-0.04503	-0.0000890	0.0000692
97	-0.04980	0.0000984	-0.0001073
98	-0.04721	0.0000717	-0.0001077
99	-0.04470	0.0000431	-0.0001001
100	-0.04249	0.0000124	-0.0000819

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Service Load Combination: S1

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
1	0.792	-	-	-	-	-	-	-	-
2	1.460	-	-	-	-	-	-	-	-
3	1.324	-	-	-	-	-	-	-	-
4	1.186	-	-	-	-	-	-	-	-
5	1.061	-	-	-	-	-	-	-	-
6	0.957	-	-	-	-	-	-	-	-
7	0.877	-	-	-	-	-	-	-	-
8	0.822	-	-	-	-	-	-	-	-
9	0.790	-	-	-	-	-	-	-	-
10	0.777	-	-	-	-	-	-	-	-
11	0.775	-	-	-	-	-	-	-	-
12	0.976	-	-	-	-	-	-	-	-
13	1.181	-	-	-	-	-	-	-	-
14	1.162	-	-	-	-	-	-	-	-
15	1.129	-	-	-	-	-	-	-	-
16	1.088	-	-	-	-	-	-	-	-
17	1.057	-	-	-	-	-	-	-	-
18	1.049	-	-	-	-	-	-	-	-
19	1.074	-	-	-	-	-	-	-	-
20	1.137	-	-	-	-	-	-	-	-
21	1.235	-	-	-	-	-	-	-	-
22	1.358	-	-	-	-	-	-	-	-
23	1.484	-	-	-	-	-	-	-	-
24	0.798	-	-	-	-	-	-	-	-
25	1.517	-	-	-	-	-	-	-	-
26	2.810	-	-	-	-	-	-	-	-
27	2.562	-	-	-	-	-	-	-	-
28	2.321	-	-	-	-	-	-	-	-
29	2.109	-	-	-	-	-	-	-	-
30	1.939	-	-	-	-	-	-	-	-
31	1.817	-	-	-	-	-	-	-	-
32	1.741	-	-	-	-	-	-	-	-
33	1.708	-	-	-	-	-	-	-	-
34	1.708	-	-	-	-	-	-	-	-
35	1.729	-	-	-	-	-	-	-	-
36	2.195	-	-	-	-	-	-	-	-
37	2.674	-	-	-	-	-	-	-	-
38	2.645	-	-	-	-	-	-	-	-
39	2.582	-	-	-	-	-	-	-	-
40	2.495	-	-	-	-	-	-	-	-
41	2.419	-	-	-	-	-	-	-	-
42	2.382	-	-	-	-	-	-	-	-
43	2.404	-	-	-	-	-	-	-	-
44	2.494	-	-	-	-	-	-	-	-
45	2.650	-	-	-	-	-	-	-	-
46	2.858	-	-	-	-	-	-	-	-
47	3.085	-	-	-	-	-	-	-	-
48	1.640	-	-	-	-	-	-	-	-
49	1.437	-	-	-	-	-	-	-	-
50	2.672	-	-	-	-	-	-	-	-
51	2.463	-	-	-	-	-	-	-	-
52	2.264	-	-	-	-	-	-	-	-
53	2.093	-	-	-	-	-	-	-	-
54	1.962	-	-	-	-	-	-	-	-
55	1.877	-	-	-	-	-	-	-	-
56	1.837	-	-	-	-	-	-	-	-
57	1.837	-	-	-	-	-	-	-	-
58	1.866	-	-	-	-	-	-	-	-

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Service Load Combination: S1

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
59	1.911	-	-	-	-	-	-	-	-
60	2.444	-	-	-	-	-	-	-	-
61	2.991	-	-	-	-	-	-	-	-
62	2.980	-	-	-	-	-	-	-	-
63	2.920	-	-	-	-	-	-	-	-
64	2.827	-	-	-	-	-	-	-	-
65	2.734	-	-	-	-	-	-	-	-
66	2.673	-	-	-	-	-	-	-	-
67	2.663	-	-	-	-	-	-	-	-
68	2.715	-	-	-	-	-	-	-	-
69	2.829	-	-	-	-	-	-	-	-
70	2.990	-	-	-	-	-	-	-	-
71	3.170	-	-	-	-	-	-	-	-
72	1.671	-	-	-	-	-	-	-	-
73	1.353	-	-	-	-	-	-	-	-
74	2.535	-	-	-	-	-	-	-	-
75	2.365	-	-	-	-	-	-	-	-
76	2.208	-	-	-	-	-	-	-	-
77	2.078	-	-	-	-	-	-	-	-
78	1.987	-	-	-	-	-	-	-	-
79	1.939	-	-	-	-	-	-	-	-
80	1.936	-	-	-	-	-	-	-	-
81	1.970	-	-	-	-	-	-	-	-
82	2.031	-	-	-	-	-	-	-	-
83	2.103	-	-	-	-	-	-	-	-
84	2.706	-	-	-	-	-	-	-	-
85	3.333	-	-	-	-	-	-	-	-
86	3.343	-	-	-	-	-	-	-	-
87	3.287	-	-	-	-	-	-	-	-
88	3.184	-	-	-	-	-	-	-	-
89	3.071	-	-	-	-	-	-	-	-
90	2.982	-	-	-	-	-	-	-	-
91	2.939	-	-	-	-	-	-	-	-
92	2.953	-	-	-	-	-	-	-	-
93	3.024	-	-	-	-	-	-	-	-
94	3.139	-	-	-	-	-	-	-	-
95	3.275	-	-	-	-	-	-	-	-
96	1.707	-	-	-	-	-	-	-	-
97	1.278	-	-	-	-	-	-	-	-
98	2.418	-	-	-	-	-	-	-	-
99	2.283	-	-	-	-	-	-	-	-
100	2.163	-	-	-	-	-	-	-	-

Sum of all forces and moments with respect to center of gravity (X, Y) = (20.88, 16.72) ft

Sum of Reactions	Fz	Mx	My
Soil	1179.000	1658.734	-2564.452
Springs	-	-	-
Piles	-	-	-
Restraints	-	-	-
Slaved Nodes	-	-	-
Total Reactions	1179.000	1658.734	-2564.452
Total Loads	-1179.000	-1658.734	2564.452

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Service Load Combination: S2

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
1	0.889	-	-	-	-	-	-	-	-
2	1.642	-	-	-	-	-	-	-	-
3	1.492	-	-	-	-	-	-	-	-
4	1.340	-	-	-	-	-	-	-	-
5	1.201	-	-	-	-	-	-	-	-
6	1.087	-	-	-	-	-	-	-	-
7	0.999	-	-	-	-	-	-	-	-
8	0.940	-	-	-	-	-	-	-	-
9	0.906	-	-	-	-	-	-	-	-
10	0.892	-	-	-	-	-	-	-	-
11	0.892	-	-	-	-	-	-	-	-
12	1.123	-	-	-	-	-	-	-	-
13	1.359	-	-	-	-	-	-	-	-
14	1.337	-	-	-	-	-	-	-	-
15	1.298	-	-	-	-	-	-	-	-
16	1.250	-	-	-	-	-	-	-	-
17	1.212	-	-	-	-	-	-	-	-
18	1.199	-	-	-	-	-	-	-	-
19	1.224	-	-	-	-	-	-	-	-
20	1.291	-	-	-	-	-	-	-	-
21	1.397	-	-	-	-	-	-	-	-
22	1.530	-	-	-	-	-	-	-	-
23	1.667	-	-	-	-	-	-	-	-
24	0.894	-	-	-	-	-	-	-	-
25	1.702	-	-	-	-	-	-	-	-
26	3.157	-	-	-	-	-	-	-	-
27	2.884	-	-	-	-	-	-	-	-
28	2.619	-	-	-	-	-	-	-	-
29	2.387	-	-	-	-	-	-	-	-
30	2.201	-	-	-	-	-	-	-	-
31	2.069	-	-	-	-	-	-	-	-
32	1.989	-	-	-	-	-	-	-	-
33	1.956	-	-	-	-	-	-	-	-
34	1.959	-	-	-	-	-	-	-	-
35	1.985	-	-	-	-	-	-	-	-
36	2.520	-	-	-	-	-	-	-	-
37	3.069	-	-	-	-	-	-	-	-
38	3.034	-	-	-	-	-	-	-	-
39	2.960	-	-	-	-	-	-	-	-
40	2.858	-	-	-	-	-	-	-	-
41	2.766	-	-	-	-	-	-	-	-
42	2.717	-	-	-	-	-	-	-	-
43	2.733	-	-	-	-	-	-	-	-
44	2.825	-	-	-	-	-	-	-	-
45	2.991	-	-	-	-	-	-	-	-
46	3.215	-	-	-	-	-	-	-	-
47	3.459	-	-	-	-	-	-	-	-
48	1.834	-	-	-	-	-	-	-	-
49	1.610	-	-	-	-	-	-	-	-
50	2.999	-	-	-	-	-	-	-	-
51	2.771	-	-	-	-	-	-	-	-
52	2.553	-	-	-	-	-	-	-	-
53	2.367	-	-	-	-	-	-	-	-
54	2.226	-	-	-	-	-	-	-	-
55	2.136	-	-	-	-	-	-	-	-
56	2.096	-	-	-	-	-	-	-	-
57	2.100	-	-	-	-	-	-	-	-
58	2.137	-	-	-	-	-	-	-	-

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Service Load Combination: S2

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
59	2.190	-	-	-	-	-	-	-	-
60	2.800	-	-	-	-	-	-	-	-
61	3.425	-	-	-	-	-	-	-	-
62	3.411	-	-	-	-	-	-	-	-
63	3.341	-	-	-	-	-	-	-	-
64	3.230	-	-	-	-	-	-	-	-
65	3.120	-	-	-	-	-	-	-	-
66	3.042	-	-	-	-	-	-	-	-
67	3.022	-	-	-	-	-	-	-	-
68	3.070	-	-	-	-	-	-	-	-
69	3.188	-	-	-	-	-	-	-	-
70	3.358	-	-	-	-	-	-	-	-
71	3.548	-	-	-	-	-	-	-	-
72	1.865	-	-	-	-	-	-	-	-
73	1.515	-	-	-	-	-	-	-	-
74	2.844	-	-	-	-	-	-	-	-
75	2.660	-	-	-	-	-	-	-	-
76	2.489	-	-	-	-	-	-	-	-
77	2.349	-	-	-	-	-	-	-	-
78	2.253	-	-	-	-	-	-	-	-
79	2.206	-	-	-	-	-	-	-	-
80	2.207	-	-	-	-	-	-	-	-
81	2.250	-	-	-	-	-	-	-	-
82	2.323	-	-	-	-	-	-	-	-
83	2.406	-	-	-	-	-	-	-	-
84	3.096	-	-	-	-	-	-	-	-
85	3.811	-	-	-	-	-	-	-	-
86	3.821	-	-	-	-	-	-	-	-
87	3.754	-	-	-	-	-	-	-	-
88	3.632	-	-	-	-	-	-	-	-
89	3.498	-	-	-	-	-	-	-	-
90	3.389	-	-	-	-	-	-	-	-
91	3.331	-	-	-	-	-	-	-	-
92	3.336	-	-	-	-	-	-	-	-
93	3.404	-	-	-	-	-	-	-	-
94	3.521	-	-	-	-	-	-	-	-
95	3.663	-	-	-	-	-	-	-	-
96	1.903	-	-	-	-	-	-	-	-
97	1.431	-	-	-	-	-	-	-	-
98	2.712	-	-	-	-	-	-	-	-
99	2.566	-	-	-	-	-	-	-	-
100	2.438	-	-	-	-	-	-	-	-

Sum of all forces and moments with respect to center of gravity (X, Y) = (20.88, 16.72) ft

Sum of Reactions	Fz	Mx	My
Soil	1329.000	1795.939	-2912.703
Springs	-	-	-
Piles	-	-	-
Restraints	-	-	-
Slaved Nodes	-	-	-
Total Reactions	1329.000	1795.939	-2912.703
Total Loads	-1329.000	-1795.939	2912.703

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Service Load Combination: S3

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
1	0.547	-	-	-	-	-	-	-	-
2	1.015	-	-	-	-	-	-	-	-
3	0.927	-	-	-	-	-	-	-	-
4	0.837	-	-	-	-	-	-	-	-
5	0.756	-	-	-	-	-	-	-	-
6	0.689	-	-	-	-	-	-	-	-
7	0.640	-	-	-	-	-	-	-	-
8	0.607	-	-	-	-	-	-	-	-
9	0.590	-	-	-	-	-	-	-	-
10	0.585	-	-	-	-	-	-	-	-
11	0.587	-	-	-	-	-	-	-	-
12	0.740	-	-	-	-	-	-	-	-
13	0.896	-	-	-	-	-	-	-	-
14	0.882	-	-	-	-	-	-	-	-
15	0.855	-	-	-	-	-	-	-	-
16	0.820	-	-	-	-	-	-	-	-
17	0.789	-	-	-	-	-	-	-	-
18	0.772	-	-	-	-	-	-	-	-
19	0.778	-	-	-	-	-	-	-	-
20	0.809	-	-	-	-	-	-	-	-
21	0.865	-	-	-	-	-	-	-	-
22	0.937	-	-	-	-	-	-	-	-
23	1.011	-	-	-	-	-	-	-	-
24	0.537	-	-	-	-	-	-	-	-
25	1.048	-	-	-	-	-	-	-	-
26	1.956	-	-	-	-	-	-	-	-
27	1.798	-	-	-	-	-	-	-	-
28	1.644	-	-	-	-	-	-	-	-
29	1.511	-	-	-	-	-	-	-	-
30	1.406	-	-	-	-	-	-	-	-
31	1.335	-	-	-	-	-	-	-	-
32	1.295	-	-	-	-	-	-	-	-
33	1.285	-	-	-	-	-	-	-	-
34	1.295	-	-	-	-	-	-	-	-
35	1.317	-	-	-	-	-	-	-	-
36	1.676	-	-	-	-	-	-	-	-
37	2.042	-	-	-	-	-	-	-	-
38	2.020	-	-	-	-	-	-	-	-
39	1.968	-	-	-	-	-	-	-	-
40	1.893	-	-	-	-	-	-	-	-
41	1.819	-	-	-	-	-	-	-	-
42	1.770	-	-	-	-	-	-	-	-
43	1.758	-	-	-	-	-	-	-	-
44	1.793	-	-	-	-	-	-	-	-
45	1.874	-	-	-	-	-	-	-	-
46	1.990	-	-	-	-	-	-	-	-
47	2.118	-	-	-	-	-	-	-	-
48	1.111	-	-	-	-	-	-	-	-
49	0.993	-	-	-	-	-	-	-	-
50	1.862	-	-	-	-	-	-	-	-
51	1.733	-	-	-	-	-	-	-	-
52	1.610	-	-	-	-	-	-	-	-
53	1.507	-	-	-	-	-	-	-	-
54	1.432	-	-	-	-	-	-	-	-
55	1.388	-	-	-	-	-	-	-	-
56	1.376	-	-	-	-	-	-	-	-
57	1.390	-	-	-	-	-	-	-	-
58	1.423	-	-	-	-	-	-	-	-

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Service Load Combination: S3

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
59	1.464	-	-	-	-	-	-	-	-
60	1.876	-	-	-	-	-	-	-	-
61	2.297	-	-	-	-	-	-	-	-
62	2.287	-	-	-	-	-	-	-	-
63	2.237	-	-	-	-	-	-	-	-
64	2.155	-	-	-	-	-	-	-	-
65	2.069	-	-	-	-	-	-	-	-
66	1.999	-	-	-	-	-	-	-	-
67	1.963	-	-	-	-	-	-	-	-
68	1.969	-	-	-	-	-	-	-	-
69	2.017	-	-	-	-	-	-	-	-
70	2.098	-	-	-	-	-	-	-	-
71	2.191	-	-	-	-	-	-	-	-
72	1.139	-	-	-	-	-	-	-	-
73	0.936	-	-	-	-	-	-	-	-
74	1.770	-	-	-	-	-	-	-	-
75	1.669	-	-	-	-	-	-	-	-
76	1.577	-	-	-	-	-	-	-	-
77	1.504	-	-	-	-	-	-	-	-
78	1.458	-	-	-	-	-	-	-	-
79	1.443	-	-	-	-	-	-	-	-
80	1.459	-	-	-	-	-	-	-	-
81	1.499	-	-	-	-	-	-	-	-
82	1.557	-	-	-	-	-	-	-	-
83	1.618	-	-	-	-	-	-	-	-
84	2.087	-	-	-	-	-	-	-	-
85	2.571	-	-	-	-	-	-	-	-
86	2.577	-	-	-	-	-	-	-	-
87	2.529	-	-	-	-	-	-	-	-
88	2.438	-	-	-	-	-	-	-	-
89	2.335	-	-	-	-	-	-	-	-
90	2.243	-	-	-	-	-	-	-	-
91	2.181	-	-	-	-	-	-	-	-
92	2.158	-	-	-	-	-	-	-	-
93	2.174	-	-	-	-	-	-	-	-
94	2.220	-	-	-	-	-	-	-	-
95	2.281	-	-	-	-	-	-	-	-
96	1.172	-	-	-	-	-	-	-	-
97	0.885	-	-	-	-	-	-	-	-
98	1.691	-	-	-	-	-	-	-	-
99	1.616	-	-	-	-	-	-	-	-
100	1.551	-	-	-	-	-	-	-	-

Sum of all forces and moments with respect to center of gravity (X, Y) = (20.88, 16.72) ft

Sum of Reactions	Fz	Mx	My
Soil	876.000	1219.479	-1990.586
Springs	-	-	-
Piles	-	-	-
Restraints	-	-	-
Slaved Nodes	-	-	-
Total Reactions	876.000	1219.479	-1990.586
Total Loads	-876.000	-1219.479	1990.586

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U1

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
1	0.630	-	-	-	-	-	-	-	-
2	1.166	-	-	-	-	-	-	-	-
3	1.063	-	-	-	-	-	-	-	-
4	0.957	-	-	-	-	-	-	-	-
5	0.862	-	-	-	-	-	-	-	-
6	0.783	-	-	-	-	-	-	-	-
7	0.724	-	-	-	-	-	-	-	-
8	0.685	-	-	-	-	-	-	-	-
9	0.664	-	-	-	-	-	-	-	-
10	0.656	-	-	-	-	-	-	-	-
11	0.658	-	-	-	-	-	-	-	-
12	0.830	-	-	-	-	-	-	-	-
13	1.006	-	-	-	-	-	-	-	-
14	0.990	-	-	-	-	-	-	-	-
15	0.961	-	-	-	-	-	-	-	-
16	0.921	-	-	-	-	-	-	-	-
17	0.887	-	-	-	-	-	-	-	-
18	0.870	-	-	-	-	-	-	-	-
19	0.879	-	-	-	-	-	-	-	-
20	0.918	-	-	-	-	-	-	-	-
21	0.985	-	-	-	-	-	-	-	-
22	1.071	-	-	-	-	-	-	-	-
23	1.159	-	-	-	-	-	-	-	-
24	0.618	-	-	-	-	-	-	-	-
25	1.209	-	-	-	-	-	-	-	-
26	2.252	-	-	-	-	-	-	-	-
27	2.065	-	-	-	-	-	-	-	-
28	1.884	-	-	-	-	-	-	-	-
29	1.726	-	-	-	-	-	-	-	-
30	1.602	-	-	-	-	-	-	-	-
31	1.516	-	-	-	-	-	-	-	-
32	1.467	-	-	-	-	-	-	-	-
33	1.452	-	-	-	-	-	-	-	-
34	1.462	-	-	-	-	-	-	-	-
35	1.486	-	-	-	-	-	-	-	-
36	1.891	-	-	-	-	-	-	-	-
37	2.307	-	-	-	-	-	-	-	-
38	2.283	-	-	-	-	-	-	-	-
39	2.226	-	-	-	-	-	-	-	-
40	2.142	-	-	-	-	-	-	-	-
41	2.061	-	-	-	-	-	-	-	-
42	2.009	-	-	-	-	-	-	-	-
43	2.001	-	-	-	-	-	-	-	-
44	2.047	-	-	-	-	-	-	-	-
45	2.146	-	-	-	-	-	-	-	-
46	2.287	-	-	-	-	-	-	-	-
47	2.442	-	-	-	-	-	-	-	-
48	1.285	-	-	-	-	-	-	-	-
49	1.148	-	-	-	-	-	-	-	-
50	2.148	-	-	-	-	-	-	-	-
51	1.995	-	-	-	-	-	-	-	-
52	1.848	-	-	-	-	-	-	-	-
53	1.725	-	-	-	-	-	-	-	-
54	1.635	-	-	-	-	-	-	-	-
55	1.581	-	-	-	-	-	-	-	-
56	1.564	-	-	-	-	-	-	-	-
57	1.577	-	-	-	-	-	-	-	-
58	1.613	-	-	-	-	-	-	-	-

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U1

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
59	1.660	-	-	-	-	-	-	-	-
60	2.127	-	-	-	-	-	-	-	-
61	2.607	-	-	-	-	-	-	-	-
62	2.598	-	-	-	-	-	-	-	-
63	2.543	-	-	-	-	-	-	-	-
64	2.452	-	-	-	-	-	-	-	-
65	2.356	-	-	-	-	-	-	-	-
66	2.281	-	-	-	-	-	-	-	-
67	2.246	-	-	-	-	-	-	-	-
68	2.259	-	-	-	-	-	-	-	-
69	2.322	-	-	-	-	-	-	-	-
70	2.422	-	-	-	-	-	-	-	-
71	2.538	-	-	-	-	-	-	-	-
72	1.323	-	-	-	-	-	-	-	-
73	1.083	-	-	-	-	-	-	-	-
74	2.044	-	-	-	-	-	-	-	-
75	1.924	-	-	-	-	-	-	-	-
76	1.813	-	-	-	-	-	-	-	-
77	1.725	-	-	-	-	-	-	-	-
78	1.669	-	-	-	-	-	-	-	-
79	1.648	-	-	-	-	-	-	-	-
80	1.663	-	-	-	-	-	-	-	-
81	1.707	-	-	-	-	-	-	-	-
82	1.771	-	-	-	-	-	-	-	-
83	1.841	-	-	-	-	-	-	-	-
84	2.375	-	-	-	-	-	-	-	-
85	2.929	-	-	-	-	-	-	-	-
86	2.939	-	-	-	-	-	-	-	-
87	2.886	-	-	-	-	-	-	-	-
88	2.785	-	-	-	-	-	-	-	-
89	2.671	-	-	-	-	-	-	-	-
90	2.571	-	-	-	-	-	-	-	-
91	2.506	-	-	-	-	-	-	-	-
92	2.486	-	-	-	-	-	-	-	-
93	2.511	-	-	-	-	-	-	-	-
94	2.572	-	-	-	-	-	-	-	-
95	2.650	-	-	-	-	-	-	-	-
96	1.365	-	-	-	-	-	-	-	-
97	1.025	-	-	-	-	-	-	-	-
98	1.956	-	-	-	-	-	-	-	-
99	1.865	-	-	-	-	-	-	-	-
100	1.786	-	-	-	-	-	-	-	-

Sum of all forces and moments with respect to center of gravity (X, Y) = (20.88, 16.72) ft

Sum of Reactions	Fz	Mx	My
Soil	1016.400	1515.183	-2299.269
Springs	-	-	-
Piles	-	-	-
Restraints	-	-	-
Slaved Nodes	-	-	-
Total Reactions	1016.400	1515.183	-2299.269
Total Loads	-1016.400	-1515.183	2299.269

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U2

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
1	1.087	-	-	-	-	-	-	-	-
2	2.003	-	-	-	-	-	-	-	-
3	1.815	-	-	-	-	-	-	-	-
4	1.624	-	-	-	-	-	-	-	-
5	1.451	-	-	-	-	-	-	-	-
6	1.307	-	-	-	-	-	-	-	-
7	1.196	-	-	-	-	-	-	-	-
8	1.120	-	-	-	-	-	-	-	-
9	1.075	-	-	-	-	-	-	-	-
10	1.055	-	-	-	-	-	-	-	-
11	1.053	-	-	-	-	-	-	-	-
12	1.324	-	-	-	-	-	-	-	-
13	1.602	-	-	-	-	-	-	-	-
14	1.577	-	-	-	-	-	-	-	-
15	1.532	-	-	-	-	-	-	-	-
16	1.478	-	-	-	-	-	-	-	-
17	1.437	-	-	-	-	-	-	-	-
18	1.429	-	-	-	-	-	-	-	-
19	1.467	-	-	-	-	-	-	-	-
20	1.557	-	-	-	-	-	-	-	-
21	1.695	-	-	-	-	-	-	-	-
22	1.867	-	-	-	-	-	-	-	-
23	2.044	-	-	-	-	-	-	-	-
24	1.100	-	-	-	-	-	-	-	-
25	2.082	-	-	-	-	-	-	-	-
26	3.852	-	-	-	-	-	-	-	-
27	3.509	-	-	-	-	-	-	-	-
28	3.175	-	-	-	-	-	-	-	-
29	2.881	-	-	-	-	-	-	-	-
30	2.645	-	-	-	-	-	-	-	-
31	2.474	-	-	-	-	-	-	-	-
32	2.367	-	-	-	-	-	-	-	-
33	2.319	-	-	-	-	-	-	-	-
34	2.316	-	-	-	-	-	-	-	-
35	2.342	-	-	-	-	-	-	-	-
36	2.972	-	-	-	-	-	-	-	-
37	3.619	-	-	-	-	-	-	-	-
38	3.580	-	-	-	-	-	-	-	-
39	3.495	-	-	-	-	-	-	-	-
40	3.381	-	-	-	-	-	-	-	-
41	3.282	-	-	-	-	-	-	-	-
42	3.238	-	-	-	-	-	-	-	-
43	3.275	-	-	-	-	-	-	-	-
44	3.405	-	-	-	-	-	-	-	-
45	3.627	-	-	-	-	-	-	-	-
46	3.920	-	-	-	-	-	-	-	-
47	4.238	-	-	-	-	-	-	-	-
48	2.257	-	-	-	-	-	-	-	-
49	1.971	-	-	-	-	-	-	-	-
50	3.661	-	-	-	-	-	-	-	-
51	3.371	-	-	-	-	-	-	-	-
52	3.094	-	-	-	-	-	-	-	-
53	2.855	-	-	-	-	-	-	-	-
54	2.672	-	-	-	-	-	-	-	-
55	2.552	-	-	-	-	-	-	-	-
56	2.493	-	-	-	-	-	-	-	-
57	2.488	-	-	-	-	-	-	-	-
58	2.525	-	-	-	-	-	-	-	-

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U2

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
59	2.584	-	-	-	-	-	-	-	-
60	3.302	-	-	-	-	-	-	-	-
61	4.040	-	-	-	-	-	-	-	-
62	4.025	-	-	-	-	-	-	-	-
63	3.946	-	-	-	-	-	-	-	-
64	3.822	-	-	-	-	-	-	-	-
65	3.701	-	-	-	-	-	-	-	-
66	3.624	-	-	-	-	-	-	-	-
67	3.618	-	-	-	-	-	-	-	-
68	3.698	-	-	-	-	-	-	-	-
69	3.862	-	-	-	-	-	-	-	-
70	4.092	-	-	-	-	-	-	-	-
71	4.347	-	-	-	-	-	-	-	-
72	2.295	-	-	-	-	-	-	-	-
73	1.855	-	-	-	-	-	-	-	-
74	3.472	-	-	-	-	-	-	-	-
75	3.234	-	-	-	-	-	-	-	-
76	3.014	-	-	-	-	-	-	-	-
77	2.832	-	-	-	-	-	-	-	-
78	2.702	-	-	-	-	-	-	-	-
79	2.632	-	-	-	-	-	-	-	-
80	2.623	-	-	-	-	-	-	-	-
81	2.665	-	-	-	-	-	-	-	-
82	2.744	-	-	-	-	-	-	-	-
83	2.839	-	-	-	-	-	-	-	-
84	3.652	-	-	-	-	-	-	-	-
85	4.496	-	-	-	-	-	-	-	-
86	4.509	-	-	-	-	-	-	-	-
87	4.435	-	-	-	-	-	-	-	-
88	4.298	-	-	-	-	-	-	-	-
89	4.151	-	-	-	-	-	-	-	-
90	4.037	-	-	-	-	-	-	-	-
91	3.987	-	-	-	-	-	-	-	-
92	4.015	-	-	-	-	-	-	-	-
93	4.121	-	-	-	-	-	-	-	-
94	4.287	-	-	-	-	-	-	-	-
95	4.483	-	-	-	-	-	-	-	-
96	2.341	-	-	-	-	-	-	-	-
97	1.753	-	-	-	-	-	-	-	-
98	3.310	-	-	-	-	-	-	-	-
99	3.119	-	-	-	-	-	-	-	-
100	2.950	-	-	-	-	-	-	-	-

Sum of all forces and moments with respect to center of gravity (X, Y) = (20.88, 16.72) ft

Sum of Reactions	Fz	Mx	My
Soil	1596.000	2221.065	-3446.190
Springs	-	-	-
Piles	-	-	-
Restraints	-	-	-
Slaved Nodes	-	-	-
Total Reactions	1596.000	2221.065	-3446.190
Total Loads	-1596.000	-2221.065	3446.190

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U3

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
1	0.882	-	-	-	-	-	-	-	-
2	1.627	-	-	-	-	-	-	-	-
3	1.476	-	-	-	-	-	-	-	-
4	1.323	-	-	-	-	-	-	-	-
5	1.184	-	-	-	-	-	-	-	-
6	1.068	-	-	-	-	-	-	-	-
7	0.980	-	-	-	-	-	-	-	-
8	0.920	-	-	-	-	-	-	-	-
9	0.885	-	-	-	-	-	-	-	-
10	0.870	-	-	-	-	-	-	-	-
11	0.869	-	-	-	-	-	-	-	-
12	1.094	-	-	-	-	-	-	-	-
13	1.324	-	-	-	-	-	-	-	-
14	1.304	-	-	-	-	-	-	-	-
15	1.267	-	-	-	-	-	-	-	-
16	1.220	-	-	-	-	-	-	-	-
17	1.183	-	-	-	-	-	-	-	-
18	1.173	-	-	-	-	-	-	-	-
19	1.200	-	-	-	-	-	-	-	-
20	1.268	-	-	-	-	-	-	-	-
21	1.376	-	-	-	-	-	-	-	-
22	1.511	-	-	-	-	-	-	-	-
23	1.650	-	-	-	-	-	-	-	-
24	0.886	-	-	-	-	-	-	-	-
25	1.690	-	-	-	-	-	-	-	-
26	3.132	-	-	-	-	-	-	-	-
27	2.857	-	-	-	-	-	-	-	-
28	2.590	-	-	-	-	-	-	-	-
29	2.356	-	-	-	-	-	-	-	-
30	2.168	-	-	-	-	-	-	-	-
31	2.033	-	-	-	-	-	-	-	-
32	1.951	-	-	-	-	-	-	-	-
33	1.916	-	-	-	-	-	-	-	-
34	1.917	-	-	-	-	-	-	-	-
35	1.941	-	-	-	-	-	-	-	-
36	2.465	-	-	-	-	-	-	-	-
37	3.003	-	-	-	-	-	-	-	-
38	2.971	-	-	-	-	-	-	-	-
39	2.900	-	-	-	-	-	-	-	-
40	2.801	-	-	-	-	-	-	-	-
41	2.714	-	-	-	-	-	-	-	-
42	2.669	-	-	-	-	-	-	-	-
43	2.690	-	-	-	-	-	-	-	-
44	2.786	-	-	-	-	-	-	-	-
45	2.957	-	-	-	-	-	-	-	-
46	3.185	-	-	-	-	-	-	-	-
47	3.434	-	-	-	-	-	-	-	-
48	1.824	-	-	-	-	-	-	-	-
49	1.601	-	-	-	-	-	-	-	-
50	2.979	-	-	-	-	-	-	-	-
51	2.748	-	-	-	-	-	-	-	-
52	2.528	-	-	-	-	-	-	-	-
53	2.339	-	-	-	-	-	-	-	-
54	2.196	-	-	-	-	-	-	-	-
55	2.103	-	-	-	-	-	-	-	-
56	2.061	-	-	-	-	-	-	-	-
57	2.062	-	-	-	-	-	-	-	-
58	2.097	-	-	-	-	-	-	-	-

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U3

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
59	2.148	-	-	-	-	-	-	-	-
60	2.747	-	-	-	-	-	-	-	-
61	3.363	-	-	-	-	-	-	-	-
62	3.351	-	-	-	-	-	-	-	-
63	3.284	-	-	-	-	-	-	-	-
64	3.177	-	-	-	-	-	-	-	-
65	3.071	-	-	-	-	-	-	-	-
66	2.998	-	-	-	-	-	-	-	-
67	2.983	-	-	-	-	-	-	-	-
68	3.038	-	-	-	-	-	-	-	-
69	3.160	-	-	-	-	-	-	-	-
70	3.336	-	-	-	-	-	-	-	-
71	3.532	-	-	-	-	-	-	-	-
72	1.860	-	-	-	-	-	-	-	-
73	1.508	-	-	-	-	-	-	-	-
74	2.827	-	-	-	-	-	-	-	-
75	2.640	-	-	-	-	-	-	-	-
76	2.467	-	-	-	-	-	-	-	-
77	2.324	-	-	-	-	-	-	-	-
78	2.225	-	-	-	-	-	-	-	-
79	2.175	-	-	-	-	-	-	-	-
80	2.174	-	-	-	-	-	-	-	-
81	2.214	-	-	-	-	-	-	-	-
82	2.284	-	-	-	-	-	-	-	-
83	2.366	-	-	-	-	-	-	-	-
84	3.046	-	-	-	-	-	-	-	-
85	3.751	-	-	-	-	-	-	-	-
86	3.763	-	-	-	-	-	-	-	-
87	3.700	-	-	-	-	-	-	-	-
88	3.582	-	-	-	-	-	-	-	-
89	3.453	-	-	-	-	-	-	-	-
90	3.350	-	-	-	-	-	-	-	-
91	3.297	-	-	-	-	-	-	-	-
92	3.309	-	-	-	-	-	-	-	-
93	3.383	-	-	-	-	-	-	-	-
94	3.506	-	-	-	-	-	-	-	-
95	3.653	-	-	-	-	-	-	-	-
96	1.902	-	-	-	-	-	-	-	-
97	1.425	-	-	-	-	-	-	-	-
98	2.697	-	-	-	-	-	-	-	-
99	2.549	-	-	-	-	-	-	-	-
100	2.418	-	-	-	-	-	-	-	-

Sum of all forces and moments with respect to center of gravity (X, Y) = (20.88, 16.72) ft

Sum of Reactions	Fz	Mx	My
Soil	1324.200	1875.189	-2892.919
Springs	-	-	-
Piles	-	-	-
Restraints	-	-	-
Slaved Nodes	-	-	-
Total Reactions	1324.200	1875.189	-2892.919
Total Loads	-1324.200	-1875.189	2892.919

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U4

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
1	0.618	-	-	-	-	-	-	-	-
2	1.146	-	-	-	-	-	-	-	-
3	1.046	-	-	-	-	-	-	-	-
4	0.943	-	-	-	-	-	-	-	-
5	0.851	-	-	-	-	-	-	-	-
6	0.775	-	-	-	-	-	-	-	-
7	0.719	-	-	-	-	-	-	-	-
8	0.681	-	-	-	-	-	-	-	-
9	0.662	-	-	-	-	-	-	-	-
10	0.655	-	-	-	-	-	-	-	-
11	0.657	-	-	-	-	-	-	-	-
12	0.829	-	-	-	-	-	-	-	-
13	1.004	-	-	-	-	-	-	-	-
14	0.988	-	-	-	-	-	-	-	-
15	0.959	-	-	-	-	-	-	-	-
16	0.919	-	-	-	-	-	-	-	-
17	0.884	-	-	-	-	-	-	-	-
18	0.867	-	-	-	-	-	-	-	-
19	0.874	-	-	-	-	-	-	-	-
20	0.910	-	-	-	-	-	-	-	-
21	0.973	-	-	-	-	-	-	-	-
22	1.056	-	-	-	-	-	-	-	-
23	1.140	-	-	-	-	-	-	-	-
24	0.606	-	-	-	-	-	-	-	-
25	1.184	-	-	-	-	-	-	-	-
26	2.208	-	-	-	-	-	-	-	-
27	2.028	-	-	-	-	-	-	-	-
28	1.853	-	-	-	-	-	-	-	-
29	1.702	-	-	-	-	-	-	-	-
30	1.583	-	-	-	-	-	-	-	-
31	1.501	-	-	-	-	-	-	-	-
32	1.456	-	-	-	-	-	-	-	-
33	1.443	-	-	-	-	-	-	-	-
34	1.454	-	-	-	-	-	-	-	-
35	1.478	-	-	-	-	-	-	-	-
36	1.881	-	-	-	-	-	-	-	-
37	2.293	-	-	-	-	-	-	-	-
38	2.268	-	-	-	-	-	-	-	-
39	2.210	-	-	-	-	-	-	-	-
40	2.126	-	-	-	-	-	-	-	-
41	2.045	-	-	-	-	-	-	-	-
42	1.990	-	-	-	-	-	-	-	-
43	1.978	-	-	-	-	-	-	-	-
44	2.019	-	-	-	-	-	-	-	-
45	2.112	-	-	-	-	-	-	-	-
46	2.245	-	-	-	-	-	-	-	-
47	2.392	-	-	-	-	-	-	-	-
48	1.256	-	-	-	-	-	-	-	-
49	1.123	-	-	-	-	-	-	-	-
50	2.103	-	-	-	-	-	-	-	-
51	1.956	-	-	-	-	-	-	-	-
52	1.816	-	-	-	-	-	-	-	-
53	1.698	-	-	-	-	-	-	-	-
54	1.613	-	-	-	-	-	-	-	-
55	1.562	-	-	-	-	-	-	-	-
56	1.548	-	-	-	-	-	-	-	-
57	1.563	-	-	-	-	-	-	-	-
58	1.599	-	-	-	-	-	-	-	-

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U4

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
59	1.646	-	-	-	-	-	-	-	-
60	2.108	-	-	-	-	-	-	-	-
61	2.582	-	-	-	-	-	-	-	-
62	2.572	-	-	-	-	-	-	-	-
63	2.517	-	-	-	-	-	-	-	-
64	2.425	-	-	-	-	-	-	-	-
65	2.328	-	-	-	-	-	-	-	-
66	2.251	-	-	-	-	-	-	-	-
67	2.212	-	-	-	-	-	-	-	-
68	2.221	-	-	-	-	-	-	-	-
69	2.277	-	-	-	-	-	-	-	-
70	2.371	-	-	-	-	-	-	-	-
71	2.478	-	-	-	-	-	-	-	-
72	1.289	-	-	-	-	-	-	-	-
73	1.058	-	-	-	-	-	-	-	-
74	2.000	-	-	-	-	-	-	-	-
75	1.885	-	-	-	-	-	-	-	-
76	1.779	-	-	-	-	-	-	-	-
77	1.696	-	-	-	-	-	-	-	-
78	1.643	-	-	-	-	-	-	-	-
79	1.625	-	-	-	-	-	-	-	-
80	1.642	-	-	-	-	-	-	-	-
81	1.687	-	-	-	-	-	-	-	-
82	1.751	-	-	-	-	-	-	-	-
83	1.821	-	-	-	-	-	-	-	-
84	2.348	-	-	-	-	-	-	-	-
85	2.893	-	-	-	-	-	-	-	-
86	2.901	-	-	-	-	-	-	-	-
87	2.847	-	-	-	-	-	-	-	-
88	2.746	-	-	-	-	-	-	-	-
89	2.631	-	-	-	-	-	-	-	-
90	2.529	-	-	-	-	-	-	-	-
91	2.461	-	-	-	-	-	-	-	-
92	2.437	-	-	-	-	-	-	-	-
93	2.457	-	-	-	-	-	-	-	-
94	2.511	-	-	-	-	-	-	-	-
95	2.582	-	-	-	-	-	-	-	-
96	1.327	-	-	-	-	-	-	-	-
97	1.001	-	-	-	-	-	-	-	-
98	1.912	-	-	-	-	-	-	-	-
99	1.825	-	-	-	-	-	-	-	-
100	1.751	-	-	-	-	-	-	-	-

Sum of all forces and moments with respect to center of gravity (X, Y) = (20.88, 16.72) ft

Sum of Reactions	Fz	Mx	My
Soil	991.200	1408.493	-2249.402
Springs	-	-	-
Piles	-	-	-
Restraints	-	-	-
Slaved Nodes	-	-	-
Total Reactions	991.200	1408.493	-2249.402
Total Loads	-991.200	-1408.493	2249.402

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U5

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
1	1.038	-	-	-	-	-	-	-	-
2	1.918	-	-	-	-	-	-	-	-
3	1.745	-	-	-	-	-	-	-	-
4	1.568	-	-	-	-	-	-	-	-
5	1.409	-	-	-	-	-	-	-	-
6	1.276	-	-	-	-	-	-	-	-
7	1.176	-	-	-	-	-	-	-	-
8	1.109	-	-	-	-	-	-	-	-
9	1.070	-	-	-	-	-	-	-	-
10	1.056	-	-	-	-	-	-	-	-
11	1.056	-	-	-	-	-	-	-	-
12	1.330	-	-	-	-	-	-	-	-
13	1.609	-	-	-	-	-	-	-	-
14	1.583	-	-	-	-	-	-	-	-
15	1.537	-	-	-	-	-	-	-	-
16	1.479	-	-	-	-	-	-	-	-
17	1.431	-	-	-	-	-	-	-	-
18	1.414	-	-	-	-	-	-	-	-
19	1.440	-	-	-	-	-	-	-	-
20	1.514	-	-	-	-	-	-	-	-
21	1.634	-	-	-	-	-	-	-	-
22	1.787	-	-	-	-	-	-	-	-
23	1.943	-	-	-	-	-	-	-	-
24	1.039	-	-	-	-	-	-	-	-
25	1.985	-	-	-	-	-	-	-	-
26	3.687	-	-	-	-	-	-	-	-
27	3.373	-	-	-	-	-	-	-	-
28	3.067	-	-	-	-	-	-	-	-
29	2.800	-	-	-	-	-	-	-	-
30	2.587	-	-	-	-	-	-	-	-
31	2.436	-	-	-	-	-	-	-	-
32	2.347	-	-	-	-	-	-	-	-
33	2.312	-	-	-	-	-	-	-	-
34	2.319	-	-	-	-	-	-	-	-
35	2.350	-	-	-	-	-	-	-	-
36	2.985	-	-	-	-	-	-	-	-
37	3.635	-	-	-	-	-	-	-	-
38	3.594	-	-	-	-	-	-	-	-
39	3.505	-	-	-	-	-	-	-	-
40	3.382	-	-	-	-	-	-	-	-
41	3.269	-	-	-	-	-	-	-	-
42	3.205	-	-	-	-	-	-	-	-
43	3.216	-	-	-	-	-	-	-	-
44	3.316	-	-	-	-	-	-	-	-
45	3.502	-	-	-	-	-	-	-	-
46	3.755	-	-	-	-	-	-	-	-
47	4.032	-	-	-	-	-	-	-	-
48	2.133	-	-	-	-	-	-	-	-
49	1.878	-	-	-	-	-	-	-	-
50	3.503	-	-	-	-	-	-	-	-
51	3.241	-	-	-	-	-	-	-	-
52	2.991	-	-	-	-	-	-	-	-
53	2.778	-	-	-	-	-	-	-	-
54	2.618	-	-	-	-	-	-	-	-
55	2.517	-	-	-	-	-	-	-	-
56	2.475	-	-	-	-	-	-	-	-
57	2.484	-	-	-	-	-	-	-	-
58	2.530	-	-	-	-	-	-	-	-

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U5

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
59	2.594	-	-	-	-	-	-	-	-
60	3.318	-	-	-	-	-	-	-	-
61	4.058	-	-	-	-	-	-	-	-
62	4.041	-	-	-	-	-	-	-	-
63	3.957	-	-	-	-	-	-	-	-
64	3.823	-	-	-	-	-	-	-	-
65	3.687	-	-	-	-	-	-	-	-
66	3.590	-	-	-	-	-	-	-	-
67	3.558	-	-	-	-	-	-	-	-
68	3.607	-	-	-	-	-	-	-	-
69	3.735	-	-	-	-	-	-	-	-
70	3.925	-	-	-	-	-	-	-	-
71	4.138	-	-	-	-	-	-	-	-
72	2.171	-	-	-	-	-	-	-	-
73	1.767	-	-	-	-	-	-	-	-
74	3.322	-	-	-	-	-	-	-	-
75	3.111	-	-	-	-	-	-	-	-
76	2.917	-	-	-	-	-	-	-	-
77	2.759	-	-	-	-	-	-	-	-
78	2.651	-	-	-	-	-	-	-	-
79	2.601	-	-	-	-	-	-	-	-
80	2.607	-	-	-	-	-	-	-	-
81	2.662	-	-	-	-	-	-	-	-
82	2.751	-	-	-	-	-	-	-	-
83	2.851	-	-	-	-	-	-	-	-
84	3.670	-	-	-	-	-	-	-	-
85	4.517	-	-	-	-	-	-	-	-
86	4.527	-	-	-	-	-	-	-	-
87	4.447	-	-	-	-	-	-	-	-
88	4.299	-	-	-	-	-	-	-	-
89	4.136	-	-	-	-	-	-	-	-
90	4.001	-	-	-	-	-	-	-	-
91	3.924	-	-	-	-	-	-	-	-
92	3.921	-	-	-	-	-	-	-	-
93	3.991	-	-	-	-	-	-	-	-
94	4.118	-	-	-	-	-	-	-	-
95	4.274	-	-	-	-	-	-	-	-
96	2.216	-	-	-	-	-	-	-	-
97	1.669	-	-	-	-	-	-	-	-
98	3.168	-	-	-	-	-	-	-	-
99	3.003	-	-	-	-	-	-	-	-
100	2.858	-	-	-	-	-	-	-	-

Sum of all forces and moments with respect to center of gravity (X, Y) = (20.88, 16.72) ft

Sum of Reactions	Fz	Mx	My
Soil	1564.200	2094.717	-3450.121
Springs	-	-	-
Piles	-	-	-
Restraints	-	-	-
Slaved Nodes	-	-	-
Total Reactions	1564.200	2094.717	-3450.121
Total Loads	-1564.200	-2094.717	3450.121

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U6

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
1	0.561	-	-	-	-	-	-	-	-
2	1.042	-	-	-	-	-	-	-	-
3	0.952	-	-	-	-	-	-	-	-
4	0.861	-	-	-	-	-	-	-	-
5	0.779	-	-	-	-	-	-	-	-
6	0.711	-	-	-	-	-	-	-	-
7	0.661	-	-	-	-	-	-	-	-
8	0.629	-	-	-	-	-	-	-	-
9	0.612	-	-	-	-	-	-	-	-
10	0.607	-	-	-	-	-	-	-	-
11	0.610	-	-	-	-	-	-	-	-
12	0.769	-	-	-	-	-	-	-	-
13	0.931	-	-	-	-	-	-	-	-
14	0.916	-	-	-	-	-	-	-	-
15	0.888	-	-	-	-	-	-	-	-
16	0.851	-	-	-	-	-	-	-	-
17	0.818	-	-	-	-	-	-	-	-
18	0.800	-	-	-	-	-	-	-	-
19	0.805	-	-	-	-	-	-	-	-
20	0.836	-	-	-	-	-	-	-	-
21	0.891	-	-	-	-	-	-	-	-
22	0.964	-	-	-	-	-	-	-	-
23	1.038	-	-	-	-	-	-	-	-
24	0.550	-	-	-	-	-	-	-	-
25	1.073	-	-	-	-	-	-	-	-
26	2.003	-	-	-	-	-	-	-	-
27	1.844	-	-	-	-	-	-	-	-
28	1.688	-	-	-	-	-	-	-	-
29	1.554	-	-	-	-	-	-	-	-
30	1.449	-	-	-	-	-	-	-	-
31	1.378	-	-	-	-	-	-	-	-
32	1.339	-	-	-	-	-	-	-	-
33	1.329	-	-	-	-	-	-	-	-
34	1.341	-	-	-	-	-	-	-	-
35	1.364	-	-	-	-	-	-	-	-
36	1.736	-	-	-	-	-	-	-	-
37	2.114	-	-	-	-	-	-	-	-
38	2.090	-	-	-	-	-	-	-	-
39	2.036	-	-	-	-	-	-	-	-
40	1.957	-	-	-	-	-	-	-	-
41	1.880	-	-	-	-	-	-	-	-
42	1.827	-	-	-	-	-	-	-	-
43	1.813	-	-	-	-	-	-	-	-
44	1.845	-	-	-	-	-	-	-	-
45	1.925	-	-	-	-	-	-	-	-
46	2.040	-	-	-	-	-	-	-	-
47	2.168	-	-	-	-	-	-	-	-
48	1.136	-	-	-	-	-	-	-	-
49	1.015	-	-	-	-	-	-	-	-
50	1.905	-	-	-	-	-	-	-	-
51	1.775	-	-	-	-	-	-	-	-
52	1.652	-	-	-	-	-	-	-	-
53	1.548	-	-	-	-	-	-	-	-
54	1.473	-	-	-	-	-	-	-	-
55	1.431	-	-	-	-	-	-	-	-
56	1.420	-	-	-	-	-	-	-	-
57	1.435	-	-	-	-	-	-	-	-
58	1.470	-	-	-	-	-	-	-	-

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U6

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
59	1.513	-	-	-	-	-	-	-	-
60	1.938	-	-	-	-	-	-	-	-
61	2.371	-	-	-	-	-	-	-	-
62	2.361	-	-	-	-	-	-	-	-
63	2.308	-	-	-	-	-	-	-	-
64	2.223	-	-	-	-	-	-	-	-
65	2.131	-	-	-	-	-	-	-	-
66	2.058	-	-	-	-	-	-	-	-
67	2.018	-	-	-	-	-	-	-	-
68	2.021	-	-	-	-	-	-	-	-
69	2.067	-	-	-	-	-	-	-	-
70	2.146	-	-	-	-	-	-	-	-
71	2.237	-	-	-	-	-	-	-	-
72	1.161	-	-	-	-	-	-	-	-
73	0.956	-	-	-	-	-	-	-	-
74	1.809	-	-	-	-	-	-	-	-
75	1.708	-	-	-	-	-	-	-	-
76	1.616	-	-	-	-	-	-	-	-
77	1.544	-	-	-	-	-	-	-	-
78	1.499	-	-	-	-	-	-	-	-
79	1.485	-	-	-	-	-	-	-	-
80	1.502	-	-	-	-	-	-	-	-
81	1.545	-	-	-	-	-	-	-	-
82	1.605	-	-	-	-	-	-	-	-
83	1.669	-	-	-	-	-	-	-	-
84	2.151	-	-	-	-	-	-	-	-
85	2.649	-	-	-	-	-	-	-	-
86	2.653	-	-	-	-	-	-	-	-
87	2.603	-	-	-	-	-	-	-	-
88	2.508	-	-	-	-	-	-	-	-
89	2.400	-	-	-	-	-	-	-	-
90	2.304	-	-	-	-	-	-	-	-
91	2.237	-	-	-	-	-	-	-	-
92	2.210	-	-	-	-	-	-	-	-
93	2.223	-	-	-	-	-	-	-	-
94	2.266	-	-	-	-	-	-	-	-
95	2.324	-	-	-	-	-	-	-	-
96	1.192	-	-	-	-	-	-	-	-
97	0.903	-	-	-	-	-	-	-	-
98	1.728	-	-	-	-	-	-	-	-
99	1.653	-	-	-	-	-	-	-	-
100	1.588	-	-	-	-	-	-	-	-

Sum of all forces and moments with respect to center of gravity (X, Y) = (20.88, 16.72) ft

Sum of Reactions	Fz	Mx	My
Soil	893.400	1193.575	-2035.303
Springs	-	-	-
Piles	-	-	-
Restraints	-	-	-
Slaved Nodes	-	-	-
Total Reactions	893.400	1193.575	-2035.303
Total Loads	-893.400	-1193.575	2035.303

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U7

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
1	0.462	-	-	-	-	-	-	-	-
2	0.854	-	-	-	-	-	-	-	-
3	0.777	-	-	-	-	-	-	-	-
4	0.698	-	-	-	-	-	-	-	-
5	0.626	-	-	-	-	-	-	-	-
6	0.567	-	-	-	-	-	-	-	-
7	0.523	-	-	-	-	-	-	-	-
8	0.493	-	-	-	-	-	-	-	-
9	0.476	-	-	-	-	-	-	-	-
10	0.470	-	-	-	-	-	-	-	-
11	0.471	-	-	-	-	-	-	-	-
12	0.593	-	-	-	-	-	-	-	-
13	0.720	-	-	-	-	-	-	-	-
14	0.709	-	-	-	-	-	-	-	-
15	0.688	-	-	-	-	-	-	-	-
16	0.660	-	-	-	-	-	-	-	-
17	0.637	-	-	-	-	-	-	-	-
18	0.626	-	-	-	-	-	-	-	-
19	0.634	-	-	-	-	-	-	-	-
20	0.664	-	-	-	-	-	-	-	-
21	0.715	-	-	-	-	-	-	-	-
22	0.780	-	-	-	-	-	-	-	-
23	0.847	-	-	-	-	-	-	-	-
24	0.453	-	-	-	-	-	-	-	-
25	0.889	-	-	-	-	-	-	-	-
26	1.653	-	-	-	-	-	-	-	-
27	1.512	-	-	-	-	-	-	-	-
28	1.376	-	-	-	-	-	-	-	-
29	1.257	-	-	-	-	-	-	-	-
30	1.163	-	-	-	-	-	-	-	-
31	1.098	-	-	-	-	-	-	-	-
32	1.060	-	-	-	-	-	-	-	-
33	1.047	-	-	-	-	-	-	-	-
34	1.052	-	-	-	-	-	-	-	-
35	1.069	-	-	-	-	-	-	-	-
36	1.361	-	-	-	-	-	-	-	-
37	1.661	-	-	-	-	-	-	-	-
38	1.646	-	-	-	-	-	-	-	-
39	1.605	-	-	-	-	-	-	-	-
40	1.546	-	-	-	-	-	-	-	-
41	1.489	-	-	-	-	-	-	-	-
42	1.454	-	-	-	-	-	-	-	-
43	1.452	-	-	-	-	-	-	-	-
44	1.490	-	-	-	-	-	-	-	-
45	1.567	-	-	-	-	-	-	-	-
46	1.675	-	-	-	-	-	-	-	-
47	1.794	-	-	-	-	-	-	-	-
48	0.947	-	-	-	-	-	-	-	-
49	0.845	-	-	-	-	-	-	-	-
50	1.579	-	-	-	-	-	-	-	-
51	1.463	-	-	-	-	-	-	-	-
52	1.353	-	-	-	-	-	-	-	-
53	1.259	-	-	-	-	-	-	-	-
54	1.190	-	-	-	-	-	-	-	-
55	1.148	-	-	-	-	-	-	-	-
56	1.133	-	-	-	-	-	-	-	-
57	1.141	-	-	-	-	-	-	-	-
58	1.166	-	-	-	-	-	-	-	-

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U7

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
59	1.200	-	-	-	-	-	-	-	-
60	1.538	-	-	-	-	-	-	-	-
61	1.887	-	-	-	-	-	-	-	-
62	1.882	-	-	-	-	-	-	-	-
63	1.843	-	-	-	-	-	-	-	-
64	1.779	-	-	-	-	-	-	-	-
65	1.711	-	-	-	-	-	-	-	-
66	1.660	-	-	-	-	-	-	-	-
67	1.638	-	-	-	-	-	-	-	-
68	1.652	-	-	-	-	-	-	-	-
69	1.703	-	-	-	-	-	-	-	-
70	1.782	-	-	-	-	-	-	-	-
71	1.872	-	-	-	-	-	-	-	-
72	0.979	-	-	-	-	-	-	-	-
73	0.799	-	-	-	-	-	-	-	-
74	1.505	-	-	-	-	-	-	-	-
75	1.413	-	-	-	-	-	-	-	-
76	1.329	-	-	-	-	-	-	-	-
77	1.262	-	-	-	-	-	-	-	-
78	1.217	-	-	-	-	-	-	-	-
79	1.200	-	-	-	-	-	-	-	-
80	1.208	-	-	-	-	-	-	-	-
81	1.239	-	-	-	-	-	-	-	-
82	1.285	-	-	-	-	-	-	-	-
83	1.336	-	-	-	-	-	-	-	-
84	1.724	-	-	-	-	-	-	-	-
85	2.128	-	-	-	-	-	-	-	-
86	2.137	-	-	-	-	-	-	-	-
87	2.100	-	-	-	-	-	-	-	-
88	2.029	-	-	-	-	-	-	-	-
89	1.948	-	-	-	-	-	-	-	-
90	1.878	-	-	-	-	-	-	-	-
91	1.835	-	-	-	-	-	-	-	-
92	1.825	-	-	-	-	-	-	-	-
93	1.848	-	-	-	-	-	-	-	-
94	1.898	-	-	-	-	-	-	-	-
95	1.961	-	-	-	-	-	-	-	-
96	1.013	-	-	-	-	-	-	-	-
97	0.757	-	-	-	-	-	-	-	-
98	1.441	-	-	-	-	-	-	-	-
99	1.371	-	-	-	-	-	-	-	-
100	1.311	-	-	-	-	-	-	-	-

Sum of all forces and moments with respect to center of gravity (X, Y) = (20.88, 16.72) ft

Sum of Reactions	Fz	Mx	My
Soil	751.200	1188.964	-1692.201
Springs	-	-	-
Piles	-	-	-
Restraints	-	-	-
Slaved Nodes	-	-	-
Total Reactions	751.200	1188.964	-1692.201
Total Loads	-751.200	-1188.964	1692.201

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U8

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
1	0.726	-	-	-	-	-	-	-	-
2	1.335	-	-	-	-	-	-	-	-
3	1.207	-	-	-	-	-	-	-	-
4	1.077	-	-	-	-	-	-	-	-
5	0.959	-	-	-	-	-	-	-	-
6	0.861	-	-	-	-	-	-	-	-
7	0.784	-	-	-	-	-	-	-	-
8	0.731	-	-	-	-	-	-	-	-
9	0.700	-	-	-	-	-	-	-	-
10	0.685	-	-	-	-	-	-	-	-
11	0.683	-	-	-	-	-	-	-	-
12	0.858	-	-	-	-	-	-	-	-
13	1.040	-	-	-	-	-	-	-	-
14	1.024	-	-	-	-	-	-	-	-
15	0.996	-	-	-	-	-	-	-	-
16	0.961	-	-	-	-	-	-	-	-
17	0.936	-	-	-	-	-	-	-	-
18	0.932	-	-	-	-	-	-	-	-
19	0.960	-	-	-	-	-	-	-	-
20	1.023	-	-	-	-	-	-	-	-
21	1.118	-	-	-	-	-	-	-	-
22	1.236	-	-	-	-	-	-	-	-
23	1.357	-	-	-	-	-	-	-	-
24	0.733	-	-	-	-	-	-	-	-
25	1.395	-	-	-	-	-	-	-	-
26	2.576	-	-	-	-	-	-	-	-
27	2.341	-	-	-	-	-	-	-	-
28	2.112	-	-	-	-	-	-	-	-
29	1.911	-	-	-	-	-	-	-	-
30	1.749	-	-	-	-	-	-	-	-
31	1.630	-	-	-	-	-	-	-	-
32	1.555	-	-	-	-	-	-	-	-
33	1.520	-	-	-	-	-	-	-	-
34	1.516	-	-	-	-	-	-	-	-
35	1.532	-	-	-	-	-	-	-	-
36	1.945	-	-	-	-	-	-	-	-
37	2.372	-	-	-	-	-	-	-	-
38	2.348	-	-	-	-	-	-	-	-
39	2.295	-	-	-	-	-	-	-	-
40	2.221	-	-	-	-	-	-	-	-
41	2.159	-	-	-	-	-	-	-	-
42	2.134	-	-	-	-	-	-	-	-
43	2.163	-	-	-	-	-	-	-	-
44	2.256	-	-	-	-	-	-	-	-
45	2.411	-	-	-	-	-	-	-	-
46	2.615	-	-	-	-	-	-	-	-
47	2.836	-	-	-	-	-	-	-	-
48	1.514	-	-	-	-	-	-	-	-
49	1.324	-	-	-	-	-	-	-	-
50	2.455	-	-	-	-	-	-	-	-
51	2.255	-	-	-	-	-	-	-	-
52	2.064	-	-	-	-	-	-	-	-
53	1.900	-	-	-	-	-	-	-	-
54	1.773	-	-	-	-	-	-	-	-
55	1.689	-	-	-	-	-	-	-	-
56	1.646	-	-	-	-	-	-	-	-
57	1.641	-	-	-	-	-	-	-	-
58	1.664	-	-	-	-	-	-	-	-

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U8

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
59	1.702	-	-	-	-	-	-	-	-
60	2.177	-	-	-	-	-	-	-	-
61	2.668	-	-	-	-	-	-	-	-
62	2.661	-	-	-	-	-	-	-	-
63	2.610	-	-	-	-	-	-	-	-
64	2.531	-	-	-	-	-	-	-	-
65	2.454	-	-	-	-	-	-	-	-
66	2.407	-	-	-	-	-	-	-	-
67	2.409	-	-	-	-	-	-	-	-
68	2.469	-	-	-	-	-	-	-	-
69	2.586	-	-	-	-	-	-	-	-
70	2.747	-	-	-	-	-	-	-	-
71	2.927	-	-	-	-	-	-	-	-
72	1.549	-	-	-	-	-	-	-	-
73	1.248	-	-	-	-	-	-	-	-
74	2.332	-	-	-	-	-	-	-	-
75	2.168	-	-	-	-	-	-	-	-
76	2.016	-	-	-	-	-	-	-	-
77	1.890	-	-	-	-	-	-	-	-
78	1.799	-	-	-	-	-	-	-	-
79	1.749	-	-	-	-	-	-	-	-
80	1.740	-	-	-	-	-	-	-	-
81	1.766	-	-	-	-	-	-	-	-
82	1.818	-	-	-	-	-	-	-	-
83	1.881	-	-	-	-	-	-	-	-
84	2.421	-	-	-	-	-	-	-	-
85	2.986	-	-	-	-	-	-	-	-
86	2.999	-	-	-	-	-	-	-	-
87	2.952	-	-	-	-	-	-	-	-
88	2.864	-	-	-	-	-	-	-	-
89	2.770	-	-	-	-	-	-	-	-
90	2.699	-	-	-	-	-	-	-	-
91	2.671	-	-	-	-	-	-	-	-
92	2.696	-	-	-	-	-	-	-	-
93	2.775	-	-	-	-	-	-	-	-
94	2.894	-	-	-	-	-	-	-	-
95	3.033	-	-	-	-	-	-	-	-
96	1.587	-	-	-	-	-	-	-	-
97	1.181	-	-	-	-	-	-	-	-
98	2.227	-	-	-	-	-	-	-	-
99	2.095	-	-	-	-	-	-	-	-
100	1.978	-	-	-	-	-	-	-	-

Sum of all forces and moments with respect to center of gravity (X, Y) = (20.88, 16.72) ft

Sum of Reactions	Fz	Mx	My
Soil	1084.200	1655.660	-2335.718
Springs	-	-	-
Piles	-	-	-
Restraints	-	-	-
Slaved Nodes	-	-	-
Total Reactions	1084.200	1655.660	-2335.718
Total Loads	-1084.200	-1655.660	2335.718

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U9

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
1	0.249	-	-	-	-	-	-	-	-
2	0.458	-	-	-	-	-	-	-	-
3	0.415	-	-	-	-	-	-	-	-
4	0.370	-	-	-	-	-	-	-	-
5	0.329	-	-	-	-	-	-	-	-
6	0.296	-	-	-	-	-	-	-	-
7	0.270	-	-	-	-	-	-	-	-
8	0.252	-	-	-	-	-	-	-	-
9	0.241	-	-	-	-	-	-	-	-
10	0.237	-	-	-	-	-	-	-	-
11	0.236	-	-	-	-	-	-	-	-
12	0.298	-	-	-	-	-	-	-	-
13	0.362	-	-	-	-	-	-	-	-
14	0.357	-	-	-	-	-	-	-	-
15	0.347	-	-	-	-	-	-	-	-
16	0.334	-	-	-	-	-	-	-	-
17	0.322	-	-	-	-	-	-	-	-
18	0.319	-	-	-	-	-	-	-	-
19	0.326	-	-	-	-	-	-	-	-
20	0.345	-	-	-	-	-	-	-	-
21	0.375	-	-	-	-	-	-	-	-
22	0.413	-	-	-	-	-	-	-	-
23	0.452	-	-	-	-	-	-	-	-
24	0.244	-	-	-	-	-	-	-	-
25	0.482	-	-	-	-	-	-	-	-
26	0.892	-	-	-	-	-	-	-	-
27	0.812	-	-	-	-	-	-	-	-
28	0.734	-	-	-	-	-	-	-	-
29	0.665	-	-	-	-	-	-	-	-
30	0.611	-	-	-	-	-	-	-	-
31	0.571	-	-	-	-	-	-	-	-
32	0.547	-	-	-	-	-	-	-	-
33	0.538	-	-	-	-	-	-	-	-
34	0.538	-	-	-	-	-	-	-	-
35	0.546	-	-	-	-	-	-	-	-
36	0.696	-	-	-	-	-	-	-	-
37	0.851	-	-	-	-	-	-	-	-
38	0.845	-	-	-	-	-	-	-	-
39	0.825	-	-	-	-	-	-	-	-
40	0.797	-	-	-	-	-	-	-	-
41	0.770	-	-	-	-	-	-	-	-
42	0.756	-	-	-	-	-	-	-	-
43	0.760	-	-	-	-	-	-	-	-
44	0.786	-	-	-	-	-	-	-	-
45	0.834	-	-	-	-	-	-	-	-
46	0.900	-	-	-	-	-	-	-	-
47	0.971	-	-	-	-	-	-	-	-
48	0.516	-	-	-	-	-	-	-	-
49	0.461	-	-	-	-	-	-	-	-
50	0.857	-	-	-	-	-	-	-	-
51	0.789	-	-	-	-	-	-	-	-
52	0.725	-	-	-	-	-	-	-	-
53	0.670	-	-	-	-	-	-	-	-
54	0.629	-	-	-	-	-	-	-	-
55	0.602	-	-	-	-	-	-	-	-
56	0.591	-	-	-	-	-	-	-	-
57	0.593	-	-	-	-	-	-	-	-
58	0.604	-	-	-	-	-	-	-	-

B3 - REACTIONS:
==========
Units --> Force (kip), Moment (kip-ft)
Ultimate Load Combination: U9

	Soil	Spring	Pile	Restraints			Slaved Nodes		
Node	Fz	Fz	Fz	Fz	Mx	My	Fz	Mx	My
59	0.621	-	-	-	-	-	-	-	-
60	0.797	-	-	-	-	-	-	-	-
61	0.980	-	-	-	-	-	-	-	-
62	0.980	-	-	-	-	-	-	-	-
63	0.962	-	-	-	-	-	-	-	-
64	0.930	-	-	-	-	-	-	-	-
65	0.898	-	-	-	-	-	-	-	-
66	0.875	-	-	-	-	-	-	-	-
67	0.869	-	-	-	-	-	-	-	-
68	0.883	-	-	-	-	-	-	-	-
69	0.918	-	-	-	-	-	-	-	-
70	0.969	-	-	-	-	-	-	-	-
71	1.026	-	-	-	-	-	-	-	-
72	0.540	-	-	-	-	-	-	-	-
73	0.437	-	-	-	-	-	-	-	-
74	0.819	-	-	-	-	-	-	-	-
75	0.765	-	-	-	-	-	-	-	-
76	0.715	-	-	-	-	-	-	-	-
77	0.675	-	-	-	-	-	-	-	-
78	0.647	-	-	-	-	-	-	-	-
79	0.634	-	-	-	-	-	-	-	-
80	0.635	-	-	-	-	-	-	-	-
81	0.649	-	-	-	-	-	-	-	-
82	0.672	-	-	-	-	-	-	-	-
83	0.699	-	-	-	-	-	-	-	-
84	0.903	-	-	-	-	-	-	-	-
85	1.117	-	-	-	-	-	-	-	-
86	1.125	-	-	-	-	-	-	-	-
87	1.108	-	-	-	-	-	-	-	-
88	1.073	-	-	-	-	-	-	-	-
89	1.034	-	-	-	-	-	-	-	-
90	1.002	-	-	-	-	-	-	-	-
91	0.984	-	-	-	-	-	-	-	-
92	0.986	-	-	-	-	-	-	-	-
93	1.006	-	-	-	-	-	-	-	-
94	1.041	-	-	-	-	-	-	-	-
95	1.083	-	-	-	-	-	-	-	-
96	0.563	-	-	-	-	-	-	-	-
97	0.415	-	-	-	-	-	-	-	-
98	0.787	-	-	-	-	-	-	-	-
99	0.745	-	-	-	-	-	-	-	-
100	0.708	-	-	-	-	-	-	-	-

Sum of all forces and moments with respect to center of gravity (X, Y) = (20.88, 16.72) ft

Sum of Reactions	Fz	Mx	My
Soil	413.400	754.518	-920.900
Springs	-	-	-
Piles	-	-	-
Restraints	-	-	-
Slaved Nodes	-	-	-
Total Reactions	413.400	754.518	-920.900
Total Loads	-413.400	-754.518	920.900

B4 - SOIL DISPLACEMENTS AND PRESSURES:
==========

Units --> Displacement (in), Pressure (ksf)
Flags --> [x] Indicates allowable pressure is exceeded.
Service Load Combination: S1

Elem	Node	Disp, Dz	Pressure, Qz	Node	Disp, Dz	Pressure, Qz
1	26	-0.1686	-0.702	2	-0.1752	-0.730
	25	-0.1820	-0.758	1	-0.1900	-0.792
2	27	-0.1537	-0.640	3	-0.1589	-0.662
	26	-0.1686	-0.702	2	-0.1752	-0.730
3	28	-0.1392	-0.580	4	-0.1423	-0.593
	27	-0.1537	-0.640	3	-0.1589	-0.662
4	29	-0.1265	-0.527	5	-0.1273	-0.530
	28	-0.1392	-0.580	4	-0.1423	-0.593
5	30	-0.1163	-0.485	6	-0.1148	-0.478
	29	-0.1265	-0.527	5	-0.1273	-0.530
6	31	-0.1090	-0.454	7	-0.1052	-0.438
	30	-0.1163	-0.485	6	-0.1148	-0.478
7	32	-0.1045	-0.435	8	-0.0987	-0.411
	31	-0.1090	-0.454	7	-0.1052	-0.438
8	33	-0.1025	-0.427	9	-0.0948	-0.395
	32	-0.1045	-0.435	8	-0.0987	-0.411
9	34	-0.1025	-0.427	10	-0.0932	-0.388
	33	-0.1025	-0.427	9	-0.0948	-0.395
10	35	-0.1037	-0.432	11	-0.0930	-0.388
	34	-0.1025	-0.427	10	-0.0932	-0.388
11	36	-0.1054	-0.439	12	-0.0937	-0.390
	35	-0.1037	-0.432	11	-0.0930	-0.388
12	37	-0.1070	-0.446	13	-0.0945	-0.394
	36	-0.1054	-0.439	12	-0.0937	-0.390
13	38	-0.1058	-0.441	14	-0.0930	-0.387
	37	-0.1070	-0.446	13	-0.0945	-0.394
14	39	-0.1033	-0.645	15	-0.0903	-0.565
	38	-0.1058	-0.661	14	-0.0930	-0.581
15	40	-0.0998	-0.624	16	-0.0871	-0.544
	39	-0.1033	-0.645	15	-0.0903	-0.565
16	41	-0.0968	-0.605	17	-0.0845	-0.528
	40	-0.0998	-0.624	16	-0.0871	-0.544
17	42	-0.0953	-0.596	18	-0.0839	-0.524
	41	-0.0968	-0.605	17	-0.0845	-0.528
18	43	-0.0962	-0.601	19	-0.0859	-0.537
	42	-0.0953	-0.596	18	-0.0839	-0.524
19	44	-0.0997	-0.623	20	-0.0910	-0.569
	43	-0.0962	-0.601	19	-0.0859	-0.537
20	45	-0.1060	-0.663	21	-0.0988	-0.618
	44	-0.0997	-0.623	20	-0.0910	-0.569
21	46	-0.1143	-0.715	22	-0.1087	-0.679
	45	-0.1060	-0.663	21	-0.0988	-0.618
22	47	-0.1234	-0.771	23	-0.1187	-0.742
	46	-0.1143	-0.715	22	-0.1087	-0.679
23	48	-0.1312	-0.820	24	-0.1277	-0.798
	47	-0.1234	-0.771	23	-0.1187	-0.742
24	50	-0.1603	-0.668	26	-0.1686	-0.702
	49	-0.1724	-0.718	25	-0.1820	-0.758
25	51	-0.1478	-0.616	27	-0.1537	-0.640
	50	-0.1603	-0.668	26	-0.1686	-0.702
26	52	-0.1358	-0.566	28	-0.1392	-0.580
	51	-0.1478	-0.616	27	-0.1537	-0.640
27	53	-0.1256	-0.523	29	-0.1265	-0.527
	52	-0.1358	-0.566	28	-0.1392	-0.580
28	54	-0.1177	-0.491	30	-0.1163	-0.485
	53	-0.1256	-0.523	29	-0.1265	-0.527
29	55	-0.1126	-0.469	31	-0.1090	-0.454
	54	-0.1177	-0.491	30	-0.1163	-0.485

B4 - SOIL DISPLACEMENTS AND PRESSURES:
==========

Units --> Displacement (in), Pressure (ksf)
Flags --> [x] Indicates allowable pressure is exceeded.
Service Load Combination: S1

Elem	Node	Disp, Dz	Pressure, Qz	Node	Disp, Dz	Pressure, Qz
30	56	-0.1102	-0.459	32	-0.1045	-0.435
	55	-0.1126	-0.469	31	-0.1090	-0.454
31	57	-0.1102	-0.459	33	-0.1025	-0.427
	56	-0.1102	-0.459	32	-0.1045	-0.435
32	58	-0.1120	-0.467	34	-0.1025	-0.427
	57	-0.1102	-0.459	33	-0.1025	-0.427
33	59	-0.1147	-0.478	35	-0.1037	-0.432
	58	-0.1120	-0.467	34	-0.1025	-0.427
34	60	-0.1173	-0.489	36	-0.1054	-0.439
	59	-0.1147	-0.478	35	-0.1037	-0.432
35	61	-0.1196	-0.498	37	-0.1070	-0.446
	60	-0.1173	-0.489	36	-0.1054	-0.439
36	62	-0.1192	-0.497	38	-0.1058	-0.441
	61	-0.1196	-0.498	37	-0.1070	-0.446
37	63	-0.1168	-0.730	39	-0.1033	-0.645
	62	-0.1192	-0.745	38	-0.1058	-0.661
38	64	-0.1131	-0.707	40	-0.0998	-0.624
	63	-0.1168	-0.730	39	-0.1033	-0.645
39	65	-0.1094	-0.684	41	-0.0968	-0.605
	64	-0.1131	-0.707	40	-0.0998	-0.624
40	66	-0.1069	-0.668	42	-0.0953	-0.596
	65	-0.1094	-0.684	41	-0.0968	-0.605
41	67	-0.1065	-0.666	43	-0.0962	-0.601
	66	-0.1069	-0.668	42	-0.0953	-0.596
42	68	-0.1086	-0.679	44	-0.0997	-0.623
	67	-0.1065	-0.666	43	-0.0962	-0.601
43	69	-0.1131	-0.707	45	-0.1060	-0.663
	68	-0.1086	-0.679	44	-0.0997	-0.623
44	70	-0.1196	-0.747	46	-0.1143	-0.715
	69	-0.1131	-0.707	45	-0.1060	-0.663
45	71	-0.1268	-0.792	47	-0.1234	-0.771
	70	-0.1196	-0.747	46	-0.1143	-0.715
46	72	-0.1337	-0.835	48	-0.1312	-0.820
	71	-0.1268	-0.792	47	-0.1234	-0.771
47	74	-0.1521	-0.634	50	-0.1603	-0.668
	73	-0.1623	-0.676	49	-0.1724	-0.718
48	75	-0.1419	-0.591	51	-0.1478	-0.616
	74	-0.1521	-0.634	50	-0.1603	-0.668
49	76	-0.1325	-0.552	52	-0.1358	-0.566
	75	-0.1419	-0.591	51	-0.1478	-0.616
50	77	-0.1247	-0.519	53	-0.1256	-0.523
	76	-0.1325	-0.552	52	-0.1358	-0.566
51	78	-0.1192	-0.497	54	-0.1177	-0.491
	77	-0.1247	-0.519	53	-0.1256	-0.523
52	79	-0.1164	-0.485	55	-0.1126	-0.469
	78	-0.1192	-0.497	54	-0.1177	-0.491
53	80	-0.1162	-0.484	56	-0.1102	-0.459
	79	-0.1164	-0.485	55	-0.1126	-0.469
54	81	-0.1182	-0.493	57	-0.1102	-0.459
	80	-0.1162	-0.484	56	-0.1102	-0.459
55	82	-0.1219	-0.508	58	-0.1120	-0.467
	81	-0.1182	-0.493	57	-0.1102	-0.459
56	83	-0.1262	-0.526	59	-0.1147	-0.478
	82	-0.1219	-0.508	58	-0.1120	-0.467
57	84	-0.1299	-0.541	60	-0.1173	-0.489
	83	-0.1262	-0.526	59	-0.1147	-0.478
58	85	-0.1333	-0.555	61	-0.1196	-0.498
	84	-0.1299	-0.541	60	-0.1173	-0.489
59	86	-0.1337	-0.557	62	-0.1192	-0.497
	85	-0.1333	-0.555	61	-0.1196	-0.498

B4 - SOIL DISPLACEMENTS AND PRESSURES:
==========

Units --> Displacement (in), Pressure (ksf)
Flags --> [x] Indicates allowable pressure is exceeded.
Service Load Combination: S1

Elem	Node	Disp, Dz	Pressure, Qz	Node	Disp, Dz	Pressure, Qz
60	87	-0.1315	-0.822	63	-0.1168	-0.730
	86	-0.1337	-0.836	62	-0.1192	-0.745
61	88	-0.1273	-0.796	64	-0.1131	-0.707
	87	-0.1315	-0.822	63	-0.1168	-0.730
62	89	-0.1229	-0.768	65	-0.1094	-0.684
	88	-0.1273	-0.796	64	-0.1131	-0.707
63	90	-0.1193	-0.746	66	-0.1069	-0.668
	89	-0.1229	-0.768	65	-0.1094	-0.684
64	91	-0.1176	-0.735	67	-0.1065	-0.666
	90	-0.1193	-0.746	66	-0.1069	-0.668
65	92	-0.1181	-0.738	68	-0.1086	-0.679
	91	-0.1176	-0.735	67	-0.1065	-0.666
66	93	-0.1210	-0.756	69	-0.1131	-0.707
	92	-0.1181	-0.738	68	-0.1086	-0.679
67	94	-0.1255	-0.785	70	-0.1196	-0.747
	93	-0.1210	-0.756	69	-0.1131	-0.707
68	95	-0.1310	-0.819	71	-0.1268	-0.792
	94	-0.1255	-0.785	70	-0.1196	-0.747
69	96	-0.1365	-0.853	72	-0.1337	-0.835
	95	-0.1310	-0.819	71	-0.1268	-0.792
70	98	-0.1451	-0.604	74	-0.1521	-0.634
	97	-0.1534	-0.639	73	-0.1623	-0.676
71	99	-0.1370	-0.571	75	-0.1419	-0.591
	98	-0.1451	-0.604	74	-0.1521	-0.634
72	100	-0.1298	-0.541	76	-0.1325	-0.552
	99	-0.1370	-0.571	75	-0.1419	-0.591
73	101	-0.1242	-0.518	77	-0.1247	-0.519
	100	-0.1298	-0.541	76	-0.1325	-0.552
74	102	-0.1210	-0.504	78	-0.1192	-0.497
	101	-0.1242	-0.518	77	-0.1247	-0.519
75	103	-0.1204	-0.502	79	-0.1164	-0.485
	102	-0.1210	-0.504	78	-0.1192	-0.497
76	104	-0.1224	-0.510	80	-0.1162	-0.484
	103	-0.1204	-0.502	79	-0.1164	-0.485
77	105	-0.1267	-0.528	81	-0.1182	-0.493
	104	-0.1224	-0.510	80	-0.1162	-0.484
78	106	-0.1324	-0.552	82	-0.1219	-0.508
	105	-0.1267	-0.528	81	-0.1182	-0.493
79	107	-0.1385	-0.577	83	-0.1262	-0.526
	106	-0.1324	-0.552	82	-0.1219	-0.508
80	108	-0.1437	-0.599	84	-0.1299	-0.541
	107	-0.1385	-0.577	83	-0.1262	-0.526
81	109	-0.1486	-0.619	85	-0.1333	-0.555
	108	-0.1437	-0.599	84	-0.1299	-0.541
82	110	-0.1499	-0.625	86	-0.1337	-0.557
	109	-0.1486	-0.619	85	-0.1333	-0.555
83	111	-0.1478	-0.924	87	-0.1315	-0.822
	110	-0.1499	-0.937	86	-0.1337	-0.836
84	112	-0.1431	-0.894	88	-0.1273	-0.796
	111	-0.1478	-0.924	87	-0.1315	-0.822
85	113	-0.1377	-0.860	89	-0.1229	-0.768
	112	-0.1431	-0.894	88	-0.1273	-0.796
86	114	-0.1330	-0.831	90	-0.1193	-0.746
	113	-0.1377	-0.860	89	-0.1229	-0.768
87	115	-0.1299	-0.812	91	-0.1176	-0.735
	114	-0.1330	-0.831	90	-0.1193	-0.746
88	116	-0.1291	-0.807	92	-0.1181	-0.738
	115	-0.1299	-0.812	91	-0.1176	-0.735
89	117	-0.1304	-0.815	93	-0.1210	-0.756
	116	-0.1291	-0.807	92	-0.1181	-0.738

B4 - SOIL DISPLACEMENTS AND PRESSURES:
==========
Units --> Displacement (in), Pressure (ksf)
Flags --> [x] Indicates allowable pressure is exceeded.
Service Load Combination: S1

Elem	Node	Disp, Dz	Pressure, Qz	Node	Disp, Dz	Pressure, Qz
90	118	-0.1335	-0.834	94	-0.1255	-0.785
	117	-0.1304	-0.815	93	-0.1210	-0.756
91	119	-0.1375	-0.860	95	-0.1310	-0.819
	118	-0.1335	-0.834	94	-0.1255	-0.785
92	120	-0.1418	-0.886	96	-0.1365	-0.853
	119	-0.1375	-0.860	95	-0.1310	-0.819
93	122	-0.1398	-0.583	98	-0.1451	-0.604
	121	-0.1465	-0.610	97	-0.1534	-0.639
94	123	-0.1335	-0.556	99	-0.1370	-0.571
	122	-0.1398	-0.583	98	-0.1451	-0.604
95	124	-0.1281	-0.534	100	-0.1298	-0.541
	123	-0.1335	-0.556	99	-0.1370	-0.571
96	125	-0.1246	-0.519	101	-0.1242	-0.518
	124	-0.1281	-0.534	100	-0.1298	-0.541
97	126	-0.1234	-0.514	102	-0.1210	-0.504
	125	-0.1246	-0.519	101	-0.1242	-0.518
98	127	-0.1249	-0.520	103	-0.1204	-0.502
	126	-0.1234	-0.514	102	-0.1210	-0.504
99	128	-0.1291	-0.538	104	-0.1224	-0.510
	127	-0.1249	-0.520	103	-0.1204	-0.502
100	129	-0.1356	-0.565	105	-0.1267	-0.528
	128	-0.1291	-0.538	104	-0.1224	-0.510

B4 - SOIL DISPLACEMENTS AND PRESSURES:
==========

Units --> Displacement (in), Pressure (ksf)
Flags --> [x] Indicates allowable pressure is exceeded.
Service Load Combination: S2

Elem	Node	Disp, Dz	Pressure, Qz	Node	Disp, Dz	Pressure, Qz
1	26	-0.1894	-0.789	2	-0.1971	-0.821
	25	-0.2042	-0.851	1	-0.2134	-0.889
2	27	-0.1730	-0.721	3	-0.1791	-0.746
	26	-0.1894	-0.789	2	-0.1971	-0.821
3	28	-0.1571	-0.655	4	-0.1607	-0.670
	27	-0.1730	-0.721	3	-0.1791	-0.746
4	29	-0.1432	-0.597	5	-0.1442	-0.601
	28	-0.1571	-0.655	4	-0.1607	-0.670
5	30	-0.1321	-0.550	6	-0.1304	-0.543
	29	-0.1432	-0.597	5	-0.1442	-0.601
6	31	-0.1241	-0.517	7	-0.1199	-0.500
	30	-0.1321	-0.550	6	-0.1304	-0.543
7	32	-0.1193	-0.497	8	-0.1128	-0.470
	31	-0.1241	-0.517	7	-0.1199	-0.500
8	33	-0.1174	-0.489	9	-0.1087	-0.453
	32	-0.1193	-0.497	8	-0.1128	-0.470
9	34	-0.1176	-0.490	10	-0.1071	-0.446
	33	-0.1174	-0.489	9	-0.1087	-0.453
10	35	-0.1191	-0.496	11	-0.1070	-0.446
	34	-0.1176	-0.490	10	-0.1071	-0.446
11	36	-0.1210	-0.504	12	-0.1078	-0.449
	35	-0.1191	-0.496	11	-0.1070	-0.446
12	37	-0.1227	-0.511	13	-0.1087	-0.453
	36	-0.1210	-0.504	12	-0.1078	-0.449
13	38	-0.1214	-0.506	14	-0.1069	-0.446
	37	-0.1227	-0.511	13	-0.1087	-0.453
14	39	-0.1184	-0.740	15	-0.1039	-0.649
	38	-0.1214	-0.759	14	-0.1069	-0.668
15	40	-0.1143	-0.715	16	-0.1000	-0.625
	39	-0.1184	-0.740	15	-0.1039	-0.649
16	41	-0.1107	-0.692	17	-0.0969	-0.606
	40	-0.1143	-0.715	16	-0.1000	-0.625
17	42	-0.1087	-0.679	18	-0.0959	-0.600
	41	-0.1107	-0.692	17	-0.0969	-0.606
18	43	-0.1093	-0.683	19	-0.0979	-0.612
	42	-0.1087	-0.679	18	-0.0959	-0.600
19	44	-0.1130	-0.706	20	-0.1032	-0.645
	43	-0.1093	-0.683	19	-0.0979	-0.612
20	45	-0.1196	-0.748	21	-0.1117	-0.698
	44	-0.1130	-0.706	20	-0.1032	-0.645
21	46	-0.1286	-0.804	22	-0.1224	-0.765
	45	-0.1196	-0.748	21	-0.1117	-0.698
22	47	-0.1384	-0.865	23	-0.1334	-0.834
	46	-0.1286	-0.804	22	-0.1224	-0.765
23	48	-0.1467	-0.917	24	-0.1430	-0.894
	47	-0.1384	-0.865	23	-0.1334	-0.834
24	50	-0.1800	-0.750	26	-0.1894	-0.789
	49	-0.1932	-0.805	25	-0.2042	-0.851
25	51	-0.1663	-0.693	27	-0.1730	-0.721
	50	-0.1800	-0.750	26	-0.1894	-0.789
26	52	-0.1532	-0.638	28	-0.1571	-0.655
	51	-0.1663	-0.693	27	-0.1730	-0.721
27	53	-0.1420	-0.592	29	-0.1432	-0.597
	52	-0.1532	-0.638	28	-0.1571	-0.655
28	54	-0.1336	-0.557	30	-0.1321	-0.550
	53	-0.1420	-0.592	29	-0.1432	-0.597
29	55	-0.1282	-0.534	31	-0.1241	-0.517
	54	-0.1336	-0.557	30	-0.1321	-0.550

B4 - SOIL DISPLACEMENTS AND PRESSURES:
==========

Units --> Displacement (in), Pressure (ksf)
Flags --> [x] Indicates allowable pressure is exceeded.
Service Load Combination: S2

Elem	Node	Disp, Dz	Pressure, Qz	Node	Disp, Dz	Pressure, Qz
30	56	-0.1258	-0.524	32	-0.1193	-0.497
	55	-0.1282	-0.534	31	-0.1241	-0.517
31	57	-0.1260	-0.525	33	-0.1174	-0.489
	56	-0.1258	-0.524	32	-0.1193	-0.497
32	58	-0.1282	-0.534	34	-0.1176	-0.490
	57	-0.1260	-0.525	33	-0.1174	-0.489
33	59	-0.1314	-0.547	35	-0.1191	-0.496
	58	-0.1282	-0.534	34	-0.1176	-0.490
34	60	-0.1344	-0.560	36	-0.1210	-0.504
	59	-0.1314	-0.547	35	-0.1191	-0.496
35	61	-0.1370	-0.571	37	-0.1227	-0.511
	60	-0.1344	-0.560	36	-0.1210	-0.504
36	62	-0.1364	-0.569	38	-0.1214	-0.506
	61	-0.1370	-0.571	37	-0.1227	-0.511
37	63	-0.1336	-0.835	39	-0.1184	-0.740
	62	-0.1364	-0.853	38	-0.1214	-0.759
38	64	-0.1292	-0.808	40	-0.1143	-0.715
	63	-0.1336	-0.835	39	-0.1184	-0.740
39	65	-0.1248	-0.780	41	-0.1107	-0.692
	64	-0.1292	-0.808	40	-0.1143	-0.715
40	66	-0.1217	-0.761	42	-0.1087	-0.679
	65	-0.1248	-0.780	41	-0.1107	-0.692
41	67	-0.1209	-0.755	43	-0.1093	-0.683
	66	-0.1217	-0.761	42	-0.1087	-0.679
42	68	-0.1228	-0.768	44	-0.1130	-0.706
	67	-0.1209	-0.755	43	-0.1093	-0.683
43	69	-0.1275	-0.797	45	-0.1196	-0.748
	68	-0.1228	-0.768	44	-0.1130	-0.706
44	70	-0.1343	-0.839	46	-0.1286	-0.804
	69	-0.1275	-0.797	45	-0.1196	-0.748
45	71	-0.1419	-0.887	47	-0.1384	-0.865
	70	-0.1343	-0.839	46	-0.1286	-0.804
46	72	-0.1492	-0.932	48	-0.1467	-0.917
	71	-0.1419	-0.887	47	-0.1384	-0.865
47	74	-0.1706	-0.711	50	-0.1800	-0.750
	73	-0.1818	-0.757	49	-0.1932	-0.805
48	75	-0.1596	-0.665	51	-0.1663	-0.693
	74	-0.1706	-0.711	50	-0.1800	-0.750
49	76	-0.1493	-0.622	52	-0.1532	-0.638
	75	-0.1596	-0.665	51	-0.1663	-0.693
50	77	-0.1410	-0.587	53	-0.1420	-0.592
	76	-0.1493	-0.622	52	-0.1532	-0.638
51	78	-0.1352	-0.563	54	-0.1336	-0.557
	77	-0.1410	-0.587	53	-0.1420	-0.592
52	79	-0.1323	-0.551	55	-0.1282	-0.534
	78	-0.1352	-0.563	54	-0.1336	-0.557
53	80	-0.1324	-0.552	56	-0.1258	-0.524
	79	-0.1323	-0.551	55	-0.1282	-0.534
54	81	-0.1350	-0.563	57	-0.1260	-0.525
	80	-0.1324	-0.552	56	-0.1258	-0.524
55	82	-0.1394	-0.581	58	-0.1282	-0.534
	81	-0.1350	-0.563	57	-0.1260	-0.525
56	83	-0.1444	-0.602	59	-0.1314	-0.547
	82	-0.1394	-0.581	58	-0.1282	-0.534
57	84	-0.1486	-0.619	60	-0.1344	-0.560
	83	-0.1444	-0.602	59	-0.1314	-0.547
58	85	-0.1525	-0.635	61	-0.1370	-0.571
	84	-0.1486	-0.619	60	-0.1344	-0.560
59	86	-0.1528	-0.637	62	-0.1364	-0.569
	85	-0.1525	-0.635	61	-0.1370	-0.571

B4 - SOIL DISPLACEMENTS AND PRESSURES:
==========

Units --> Displacement (in), Pressure (ksf)
Flags --> [x] Indicates allowable pressure is exceeded.
Service Load Combination: S2

Elem	Node	Disp, Dz	Pressure, Qz	Node	Disp, Dz	Pressure, Qz
60	87	-0.1502	-0.939	63	-0.1336	-0.835
	86	-0.1528	-0.955	62	-0.1364	-0.853
61	88	-0.1453	-0.908	64	-0.1292	-0.808
	87	-0.1502	-0.939	63	-0.1336	-0.835
62	89	-0.1399	-0.875	65	-0.1248	-0.780
	88	-0.1453	-0.908	64	-0.1292	-0.808
63	90	-0.1356	-0.847	66	-0.1217	-0.761
	89	-0.1399	-0.875	65	-0.1248	-0.780
64	91	-0.1332	-0.833	67	-0.1209	-0.755
	90	-0.1356	-0.847	66	-0.1217	-0.761
65	92	-0.1334	-0.834	68	-0.1228	-0.768
	91	-0.1332	-0.833	67	-0.1209	-0.755
66	93	-0.1362	-0.851	69	-0.1275	-0.797
	92	-0.1334	-0.834	68	-0.1228	-0.768
67	94	-0.1409	-0.880	70	-0.1343	-0.839
	93	-0.1362	-0.851	69	-0.1275	-0.797
68	95	-0.1465	-0.916	71	-0.1419	-0.887
	94	-0.1409	-0.880	70	-0.1343	-0.839
69	96	-0.1523	-0.952	72	-0.1492	-0.932
	95	-0.1465	-0.916	71	-0.1419	-0.887
70	98	-0.1627	-0.678	74	-0.1706	-0.711
	97	-0.1717	-0.716	73	-0.1818	-0.757
71	99	-0.1540	-0.642	75	-0.1596	-0.665
	98	-0.1627	-0.678	74	-0.1706	-0.711
72	100	-0.1463	-0.609	76	-0.1493	-0.622
	99	-0.1540	-0.642	75	-0.1596	-0.665
73	101	-0.1404	-0.585	77	-0.1410	-0.587
	100	-0.1463	-0.609	76	-0.1493	-0.622
74	102	-0.1372	-0.572	78	-0.1352	-0.563
	101	-0.1404	-0.585	77	-0.1410	-0.587
75	103	-0.1369	-0.570	79	-0.1323	-0.551
	102	-0.1372	-0.572	78	-0.1352	-0.563
76	104	-0.1395	-0.581	80	-0.1324	-0.552
	103	-0.1369	-0.570	79	-0.1323	-0.551
77	105	-0.1445	-0.602	81	-0.1350	-0.563
	104	-0.1395	-0.581	80	-0.1324	-0.552
78	106	-0.1512	-0.630	82	-0.1394	-0.581
	105	-0.1445	-0.602	81	-0.1350	-0.563
79	107	-0.1583	-0.660	83	-0.1444	-0.602
	106	-0.1512	-0.630	82	-0.1394	-0.581
80	108	-0.1642	-0.684	84	-0.1486	-0.619
	107	-0.1583	-0.660	83	-0.1444	-0.602
81	109	-0.1697	-0.707	85	-0.1525	-0.635
	108	-0.1642	-0.684	84	-0.1486	-0.619
82	110	-0.1711	-0.713	86	-0.1528	-0.637
	109	-0.1697	-0.707	85	-0.1525	-0.635
83	111	-0.1685	-1.053	87	-0.1502	-0.939
	110	-0.1711	-1.069	86	-0.1528	-0.955
84	112	-0.1630	-1.019	88	-0.1453	-0.908
	111	-0.1685	-1.053	87	-0.1502	-0.939
85	113	-0.1566	-0.979	89	-0.1399	-0.875
	112	-0.1630	-1.019	88	-0.1453	-0.908
86	114	-0.1509	-0.943	90	-0.1356	-0.847
	113	-0.1566	-0.979	89	-0.1399	-0.875
87	115	-0.1470	-0.919	91	-0.1332	-0.833
	114	-0.1509	-0.943	90	-0.1356	-0.847
88	116	-0.1456	-0.910	92	-0.1334	-0.834
	115	-0.1470	-0.919	91	-0.1332	-0.833
89	117	-0.1467	-0.917	93	-0.1362	-0.851
	116	-0.1456	-0.910	92	-0.1334	-0.834

B4 - SOIL DISPLACEMENTS AND PRESSURES:
==========

Units --> Displacement (in), Pressure (ksf)
Flags --> [x] Indicates allowable pressure is exceeded.
Service Load Combination: S2

Elem	Node	Disp, Dz	Pressure, Qz	Node	Disp, Dz	Pressure, Qz
90	118	-0.1496	-0.935	94	-0.1409	-0.880
	117	-0.1467	-0.917	93	-0.1362	-0.851
91	119	-0.1537	-0.961	95	-0.1465	-0.916
	118	-0.1496	-0.935	94	-0.1409	-0.880
92	120	-0.1581	-0.988	96	-0.1523	-0.952
	119	-0.1537	-0.961	95	-0.1465	-0.916
93	122	-0.1568	-0.653	98	-0.1627	-0.678
	121	-0.1639	-0.683	97	-0.1717	-0.716
94	123	-0.1500	-0.625	99	-0.1540	-0.642
	122	-0.1568	-0.653	98	-0.1627	-0.678
95	124	-0.1444	-0.602	100	-0.1463	-0.609
	123	-0.1500	-0.625	99	-0.1540	-0.642
96	125	-0.1408	-0.586	101	-0.1404	-0.585
	124	-0.1444	-0.602	100	-0.1463	-0.609
97	126	-0.1398	-0.582	102	-0.1372	-0.572
	125	-0.1408	-0.586	101	-0.1404	-0.585
98	127	-0.1419	-0.591	103	-0.1369	-0.570
	126	-0.1398	-0.582	102	-0.1372	-0.572
99	128	-0.1469	-0.612	104	-0.1395	-0.581
	127	-0.1419	-0.591	103	-0.1369	-0.570
100	129	-0.1546	-0.644	105	-0.1445	-0.602
	128	-0.1469	-0.612	104	-0.1395	-0.581

B4 - SOIL DISPLACEMENTS AND PRESSURES:
==========

Units --> Displacement (in), Pressure (ksf)
Flags --> [x] Indicates allowable pressure is exceeded.
Service Load Combination: S3

Elem	Node	Disp, Dz	Pressure, Qz	Node	Disp, Dz	Pressure, Qz
1	26	-0.1174	-0.489	2	-0.1219	-0.508
	25	-0.1258	-0.524	1	-0.1313	-0.547
2	27	-0.1079	-0.449	3	-0.1113	-0.464
	26	-0.1174	-0.489	2	-0.1219	-0.508
3	28	-0.0986	-0.411	4	-0.1005	-0.419
	27	-0.1079	-0.449	3	-0.1113	-0.464
4	29	-0.0906	-0.378	5	-0.0907	-0.378
	28	-0.0986	-0.411	4	-0.1005	-0.419
5	30	-0.0844	-0.352	6	-0.0827	-0.345
	29	-0.0906	-0.378	5	-0.0907	-0.378
6	31	-0.0801	-0.334	7	-0.0768	-0.320
	30	-0.0844	-0.352	6	-0.0827	-0.345
7	32	-0.0777	-0.324	8	-0.0729	-0.304
	31	-0.0801	-0.334	7	-0.0768	-0.320
8	33	-0.0771	-0.321	9	-0.0708	-0.295
	32	-0.0777	-0.324	8	-0.0729	-0.304
9	34	-0.0777	-0.324	10	-0.0701	-0.292
	33	-0.0771	-0.321	9	-0.0708	-0.295
10	35	-0.0790	-0.329	11	-0.0704	-0.293
	34	-0.0777	-0.324	10	-0.0701	-0.292
11	36	-0.0804	-0.335	12	-0.0710	-0.296
	35	-0.0790	-0.329	11	-0.0704	-0.293
12	37	-0.0817	-0.340	13	-0.0717	-0.299
	36	-0.0804	-0.335	12	-0.0710	-0.296
13	38	-0.0808	-0.337	14	-0.0705	-0.294
	37	-0.0817	-0.340	13	-0.0717	-0.299
14	39	-0.0787	-0.492	15	-0.0684	-0.428
	38	-0.0808	-0.505	14	-0.0705	-0.441
15	40	-0.0757	-0.473	16	-0.0656	-0.410
	39	-0.0787	-0.492	15	-0.0684	-0.428
16	41	-0.0728	-0.455	17	-0.0631	-0.394
	40	-0.0757	-0.473	16	-0.0656	-0.410
17	42	-0.0708	-0.442	18	-0.0618	-0.386
	41	-0.0728	-0.455	17	-0.0631	-0.394
18	43	-0.0703	-0.440	19	-0.0622	-0.389
	42	-0.0708	-0.442	18	-0.0618	-0.386
19	44	-0.0717	-0.448	20	-0.0647	-0.405
	43	-0.0703	-0.440	19	-0.0622	-0.389
20	45	-0.0749	-0.468	21	-0.0692	-0.432
	44	-0.0717	-0.448	20	-0.0647	-0.405
21	46	-0.0796	-0.497	22	-0.0750	-0.469
	45	-0.0749	-0.468	21	-0.0692	-0.432
22	47	-0.0847	-0.529	23	-0.0809	-0.506
	46	-0.0796	-0.497	22	-0.0750	-0.469
23	48	-0.0889	-0.556	24	-0.0859	-0.537
	47	-0.0847	-0.529	23	-0.0809	-0.506
24	50	-0.1117	-0.466	26	-0.1174	-0.489
	49	-0.1192	-0.497	25	-0.1258	-0.524
25	51	-0.1040	-0.433	27	-0.1079	-0.449
	50	-0.1117	-0.466	26	-0.1174	-0.489
26	52	-0.0966	-0.402	28	-0.0986	-0.411
	51	-0.1040	-0.433	27	-0.1079	-0.449
27	53	-0.0904	-0.377	29	-0.0906	-0.378
	52	-0.0966	-0.402	28	-0.0986	-0.411
28	54	-0.0859	-0.358	30	-0.0844	-0.352
	53	-0.0904	-0.377	29	-0.0906	-0.378
29	55	-0.0833	-0.347	31	-0.0801	-0.334
	54	-0.0859	-0.358	30	-0.0844	-0.352

B4 - SOIL DISPLACEMENTS AND PRESSURES:
==========

Units --> Displacement (in), Pressure (ksf)
Flags --> [x] Indicates allowable pressure is exceeded.
Service Load Combination: S3

Elem	Node	Disp, Dz	Pressure, Qz	Node	Disp, Dz	Pressure, Qz
30	56	-0.0826	-0.344	32	-0.0777	-0.324
	55	-0.0833	-0.347	31	-0.0801	-0.334
31	57	-0.0834	-0.348	33	-0.0771	-0.321
	56	-0.0826	-0.344	32	-0.0777	-0.324
32	58	-0.0854	-0.356	34	-0.0777	-0.324
	57	-0.0834	-0.348	33	-0.0771	-0.321
33	59	-0.0879	-0.366	35	-0.0790	-0.329
	58	-0.0854	-0.356	34	-0.0777	-0.324
34	60	-0.0900	-0.375	36	-0.0804	-0.335
	59	-0.0879	-0.366	35	-0.0790	-0.329
35	61	-0.0919	-0.383	37	-0.0817	-0.340
	60	-0.0900	-0.375	36	-0.0804	-0.335
36	62	-0.0915	-0.381	38	-0.0808	-0.337
	61	-0.0919	-0.383	37	-0.0817	-0.340
37	63	-0.0895	-0.559	39	-0.0787	-0.492
	62	-0.0915	-0.572	38	-0.0808	-0.505
38	64	-0.0862	-0.539	40	-0.0757	-0.473
	63	-0.0895	-0.559	39	-0.0787	-0.492
39	65	-0.0827	-0.517	41	-0.0728	-0.455
	64	-0.0862	-0.539	40	-0.0757	-0.473
40	66	-0.0800	-0.500	42	-0.0708	-0.442
	65	-0.0827	-0.517	41	-0.0728	-0.455
41	67	-0.0785	-0.491	43	-0.0703	-0.440
	66	-0.0800	-0.500	42	-0.0708	-0.442
42	68	-0.0788	-0.492	44	-0.0717	-0.448
	67	-0.0785	-0.491	43	-0.0703	-0.440
43	69	-0.0807	-0.504	45	-0.0749	-0.468
	68	-0.0788	-0.492	44	-0.0717	-0.448
44	70	-0.0839	-0.525	46	-0.0796	-0.497
	69	-0.0807	-0.504	45	-0.0749	-0.468
45	71	-0.0877	-0.548	47	-0.0847	-0.529
	70	-0.0839	-0.525	46	-0.0796	-0.497
46	72	-0.0911	-0.570	48	-0.0889	-0.556
	71	-0.0877	-0.548	47	-0.0847	-0.529
47	74	-0.1062	-0.442	50	-0.1117	-0.466
	73	-0.1123	-0.468	49	-0.1192	-0.497
48	75	-0.1001	-0.417	51	-0.1040	-0.433
	74	-0.1062	-0.442	50	-0.1117	-0.466
49	76	-0.0946	-0.394	52	-0.0966	-0.402
	75	-0.1001	-0.417	51	-0.1040	-0.433
50	77	-0.0902	-0.376	53	-0.0904	-0.377
	76	-0.0946	-0.394	52	-0.0966	-0.402
51	78	-0.0875	-0.365	54	-0.0859	-0.358
	77	-0.0902	-0.376	53	-0.0904	-0.377
52	79	-0.0866	-0.361	55	-0.0833	-0.347
	78	-0.0875	-0.365	54	-0.0859	-0.358
53	80	-0.0875	-0.365	56	-0.0826	-0.344
	79	-0.0866	-0.361	55	-0.0833	-0.347
54	81	-0.0900	-0.375	57	-0.0834	-0.348
	80	-0.0875	-0.365	56	-0.0826	-0.344
55	82	-0.0934	-0.389	58	-0.0854	-0.356
	81	-0.0900	-0.375	57	-0.0834	-0.348
56	83	-0.0971	-0.405	59	-0.0879	-0.366
	82	-0.0934	-0.389	58	-0.0854	-0.356
57	84	-0.1002	-0.417	60	-0.0900	-0.375
	83	-0.0971	-0.405	59	-0.0879	-0.366
58	85	-0.1028	-0.428	61	-0.0919	-0.383
	84	-0.1002	-0.417	60	-0.0900	-0.375
59	86	-0.1031	-0.429	62	-0.0915	-0.381
	85	-0.1028	-0.428	61	-0.0919	-0.383

B4 - SOIL DISPLACEMENTS AND PRESSURES:
==========

Units --> Displacement (in), Pressure (ksf)
Flags --> [x] Indicates allowable pressure is exceeded.
Service Load Combination: S3

Elem	Node	Disp, Dz	Pressure, Qz	Node	Disp, Dz	Pressure, Qz
60	87	-0.1011	-0.632	63	-0.0895	-0.559
	86	-0.1031	-0.644	62	-0.0915	-0.572
61	88	-0.0975	-0.609	64	-0.0862	-0.539
	87	-0.1011	-0.632	63	-0.0895	-0.559
62	89	-0.0934	-0.584	65	-0.0827	-0.517
	88	-0.0975	-0.609	64	-0.0862	-0.539
63	90	-0.0897	-0.561	66	-0.0800	-0.500
	89	-0.0934	-0.584	65	-0.0827	-0.517
64	91	-0.0873	-0.545	67	-0.0785	-0.491
	90	-0.0897	-0.561	66	-0.0800	-0.500
65	92	-0.0863	-0.540	68	-0.0788	-0.492
	91	-0.0873	-0.545	67	-0.0785	-0.491
66	93	-0.0870	-0.543	69	-0.0807	-0.504
	92	-0.0863	-0.540	68	-0.0788	-0.492
67	94	-0.0888	-0.555	70	-0.0839	-0.525
	93	-0.0870	-0.543	69	-0.0807	-0.504
68	95	-0.0912	-0.570	71	-0.0877	-0.548
	94	-0.0888	-0.555	70	-0.0839	-0.525
69	96	-0.0937	-0.586	72	-0.0911	-0.570
	95	-0.0912	-0.570	71	-0.0877	-0.548
70	98	-0.1015	-0.423	74	-0.1062	-0.442
	97	-0.1062	-0.442	73	-0.1123	-0.468
71	99	-0.0969	-0.404	75	-0.1001	-0.417
	98	-0.1015	-0.423	74	-0.1062	-0.442
72	100	-0.0931	-0.388	76	-0.0946	-0.394
	99	-0.0969	-0.404	75	-0.1001	-0.417
73	101	-0.0904	-0.377	77	-0.0902	-0.376
	100	-0.0931	-0.388	76	-0.0946	-0.394
74	102	-0.0893	-0.372	78	-0.0875	-0.365
	101	-0.0904	-0.377	77	-0.0902	-0.376
75	103	-0.0901	-0.375	79	-0.0866	-0.361
	102	-0.0893	-0.372	78	-0.0875	-0.365
76	104	-0.0927	-0.386	80	-0.0875	-0.365
	103	-0.0901	-0.375	79	-0.0866	-0.361
77	105	-0.0968	-0.403	81	-0.0900	-0.375
	104	-0.0927	-0.386	80	-0.0875	-0.365
78	106	-0.1019	-0.424	82	-0.0934	-0.389
	105	-0.0968	-0.403	81	-0.0900	-0.375
79	107	-0.1070	-0.446	83	-0.0971	-0.405
	106	-0.1019	-0.424	82	-0.0934	-0.389
80	108	-0.1111	-0.463	84	-0.1002	-0.417
	107	-0.1070	-0.446	83	-0.0971	-0.405
81	109	-0.1149	-0.479	85	-0.1028	-0.428
	108	-0.1111	-0.463	84	-0.1002	-0.417
82	110	-0.1159	-0.483	86	-0.1031	-0.429
	109	-0.1149	-0.479	85	-0.1028	-0.428
83	111	-0.1140	-0.712	87	-0.1011	-0.632
	110	-0.1159	-0.724	86	-0.1031	-0.644
84	112	-0.1099	-0.687	88	-0.0975	-0.609
	111	-0.1140	-0.712	87	-0.1011	-0.632
85	113	-0.1050	-0.656	89	-0.0934	-0.584
	112	-0.1099	-0.687	88	-0.0975	-0.609
86	114	-0.1004	-0.628	90	-0.0897	-0.561
	113	-0.1050	-0.656	89	-0.0934	-0.584
87	115	-0.0969	-0.606	91	-0.0873	-0.545
	114	-0.1004	-0.628	90	-0.0897	-0.561
88	116	-0.0949	-0.593	92	-0.0863	-0.540
	115	-0.0969	-0.606	91	-0.0873	-0.545
89	117	-0.0944	-0.590	93	-0.0870	-0.543
	116	-0.0949	-0.593	92	-0.0863	-0.540

B4 - SOIL DISPLACEMENTS AND PRESSURES:
==========

Units --> Displacement (in), Pressure (ksf)
Flags --> [x] Indicates allowable pressure is exceeded.
Service Load Combination: S3

Elem	Node	Disp, Dz	Pressure, Qz	Node	Disp, Dz	Pressure, Qz
90	118	-0.0951	-0.594	94	-0.0888	-0.555
	117	-0.0944	-0.590	93	-0.0870	-0.543
91	119	-0.0965	-0.603	95	-0.0912	-0.570
	118	-0.0951	-0.594	94	-0.0888	-0.555
92	120	-0.0980	-0.613	96	-0.0937	-0.586
	119	-0.0965	-0.603	95	-0.0912	-0.570
93	122	-0.0980	-0.408	98	-0.1015	-0.423
	121	-0.1015	-0.423	97	-0.1062	-0.442
94	123	-0.0947	-0.395	99	-0.0969	-0.404
	122	-0.0980	-0.408	98	-0.1015	-0.423
95	124	-0.0922	-0.384	100	-0.0931	-0.388
	123	-0.0947	-0.395	99	-0.0969	-0.404
96	125	-0.0910	-0.379	101	-0.0904	-0.377
	124	-0.0922	-0.384	100	-0.0931	-0.388
97	126	-0.0914	-0.381	102	-0.0893	-0.372
	125	-0.0910	-0.379	101	-0.0904	-0.377
98	127	-0.0938	-0.391	103	-0.0901	-0.375
	126	-0.0914	-0.381	102	-0.0893	-0.372
99	128	-0.0981	-0.409	104	-0.0927	-0.386
	127	-0.0938	-0.391	103	-0.0901	-0.375
100	129	-0.1039	-0.433	105	-0.0968	-0.403
	128	-0.0981	-0.409	104	-0.0927	-0.386

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U1

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
1	26	-15.31	-16.27	6.15	-9.62	-21.96	42.8	0.00	0.00	-21.46	-22
	2	-11.80	0.35	5.97	2.79	-14.25	67.7	0.00	3.37	-17.78	-5
	25	0.34	-12.27	5.72	2.55	-14.48	21.1	3.00	0.00	-5.37	-17
	1	0.18	0.08	5.53	5.66	-5.41	44.7	5.71	5.61	-5.36	-5
2	27	3.76	-5.04	10.36	10.61	-11.90	33.5	14.12	5.31	-6.60	-15
	3	-2.06	-0.44	7.70	6.49	-8.99	48.0	5.64	7.26	-9.76	-8
	26	-15.69	-16.33	8.43	-7.58	-24.45	43.9	0.00	0.00	-24.12	-24
	2	-11.11	0.45	5.77	2.84	-13.49	67.5	0.00	3.45	-16.88	-5
3	28	8.88	-0.87	11.39	16.39	-8.38	33.4	20.27	10.52	-2.51	-12
	4	8.88	0.00	10.43	15.77	-6.89	33.5	19.30	10.43	-1.55	-10
	27	2.89	-5.17	9.07	8.79	-11.07	33.0	11.97	3.90	-6.18	-14
	3	-1.58	-0.37	8.11	7.16	-9.11	47.1	6.53	7.74	-9.69	-8
4	29	13.03	0.62	11.20	19.63	-5.97	30.5	24.23	11.82	0.00	-9
	5	13.39	0.04	11.10	19.67	-6.23	29.5	24.49	11.14	0.00	-9
	28	9.41	-0.79	10.73	16.19	-7.57	32.3	20.14	9.95	-1.32	-11
	4	7.99	-0.13	10.63	15.31	-7.45	34.5	18.62	10.50	-2.64	-10
5	30	14.85	1.21	10.81	20.82	-4.76	28.9	25.67	12.02	0.00	-6
	6	15.36	0.04	10.81	20.94	-5.55	27.3	26.17	10.85	0.00	-7
	29	13.21	0.65	11.08	19.67	-5.81	30.2	24.29	11.74	0.00	-8
	5	13.06	-0.01	11.08	19.39	-6.34	29.7	24.13	11.07	0.00	-9
6	31	14.76	1.48	10.28	20.35	-4.12	28.6	25.03	11.75	0.00	-5
	7	15.37	0.04	10.15	20.43	-5.02	26.5	25.52	10.19	0.00	-6
	30	14.91	1.22	10.85	20.89	-4.76	28.9	25.76	12.07	0.00	-6
	6	15.22	0.02	10.73	20.77	-5.53	27.3	25.95	10.74	0.00	-7
7	32	13.03	1.66	9.61	18.51	-3.82	29.7	22.64	11.27	0.00	-5
	8	13.76	0.03	9.32	18.47	-4.67	26.8	23.08	9.35	0.00	-6
	31	14.78	1.48	10.35	20.44	-4.17	28.6	25.14	11.84	0.00	-5
	7	15.30	0.03	10.06	20.29	-4.97	26.4	25.36	10.09	0.00	-6
8	33	9.94	1.82	8.79	15.57	-3.81	32.6	18.73	10.61	0.00	-5
	9	10.82	0.02	8.34	15.35	-4.51	28.5	19.16	8.36	0.00	-6
	32	13.04	1.66	9.69	18.59	-3.89	29.8	22.73	11.35	0.00	-5
	8	13.70	0.02	9.23	18.36	-4.63	26.7	22.94	9.26	0.00	-6
9	34	5.84	1.88	7.77	11.88	-4.16	37.9	13.61	9.65	-1.93	-5
	10	6.89	-0.00	7.23	11.45	-4.56	32.3	14.12	7.23	-0.34	-7
	33	9.93	1.81	8.83	15.59	-3.85	32.7	18.76	10.65	0.00	-6
	9	10.76	0.01	8.29	15.27	-4.49	28.5	19.05	8.30	0.00	-6
10	35	1.27	1.60	6.39	7.82	-4.95	45.8	7.65	7.99	-5.12	-4
	11	2.67	-0.11	5.98	7.42	-4.86	38.4	8.66	5.87	-3.31	-6
	34	5.79	1.87	7.68	11.76	-4.10	37.9	13.47	9.56	-1.90	-5
	10	6.82	-0.01	7.28	11.45	-4.64	32.4	14.11	7.27	-0.46	-7
11	36	-3.95	0.22	3.12	1.89	-5.62	61.9	0.00	2.69	-7.07	-2
	12	2.06	0.31	3.16	4.46	-2.09	37.3	5.22	3.47	-1.09	-2
	35	1.43	1.63	6.10	7.62	-4.57	45.5	7.52	7.72	-4.67	-4
	11	1.99	-0.21	6.13	7.12	-5.34	39.9	8.13	5.92	-4.14	-6
12	37	-30.81	-5.21	5.58	-4.05	-31.97	78.2	0.00	0.00	-36.39	-10
	13	-25.45	0.16	5.39	1.25	-26.54	78.6	0.00	1.31	-30.84	-5
	36	-3.09	2.29	10.61	10.54	-11.34	52.1	7.52	12.89	-13.70	-8
	12	-0.29	-0.04	10.42	10.26	-10.58	45.3	10.13	10.39	-10.71	-10
13	38	-13.83	8.65	4.62	9.56	-14.74	78.8	0.00	10.19	-16.29	0
	14	-15.90	0.08	1.78	0.28	-16.09	83.7	0.00	0.28	-17.67	-1
	37	-31.10	-5.25	7.88	-3.04	-33.31	74.3	0.00	0.00	-38.98	-13
	13	-24.48	0.31	5.04	1.29	-25.47	78.9	0.00	1.35	-29.52	-4
14	39	-6.28	2.45	-0.26	2.46	-6.29	-88.3	0.00	2.47	-6.31	0
	15	-4.69	0.13	-0.40	0.16	-4.72	-85.3	0.00	0.17	-5.09	-0
	38	-14.49	1.00	0.84	1.05	-14.53	86.9	0.00	1.05	-15.20	0
	14	-14.25	-1.41	0.70	-1.37	-14.29	86.9	0.00	0.00	-14.96	-2

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U1

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
15	40	1.46	3.17	-2.17	4.65	-0.02	-55.8	3.63	5.34	-0.03	0
	16	2.97	-0.01	-1.42	3.54	-0.58	-21.8	4.39	1.41	0.00	-0
	39	-6.08	2.48	-0.65	2.53	-6.13	-85.7	0.00	2.55	-6.25	0
	15	-4.92	0.10	0.10	0.10	-4.93	88.8	0.00	0.10	-5.03	-0
16	41	7.73	3.25	-3.84	9.94	1.05	-29.9	11.57	7.09	0.00	0
	17	9.08	0.03	-3.08	10.03	-0.92	-17.1	12.17	3.12	0.00	-1
	40	1.53	3.18	-2.23	4.74	-0.02	-55.1	3.77	5.42	-0.04	0
	16	2.91	-0.02	-1.48	3.53	-0.64	-22.7	4.39	1.46	0.00	-0
17	42	12.19	3.15	-5.28	14.62	0.72	-24.7	17.47	8.43	0.00	0
	18	13.34	0.04	-4.67	14.81	-1.44	-17.5	18.01	4.70	0.00	-1
	41	7.75	3.25	-3.78	9.90	1.11	-29.6	11.53	7.03	0.00	0
	17	9.11	0.04	-3.17	10.11	-0.96	-17.5	12.28	3.20	0.00	-1
18	43	14.47	2.90	-6.50	17.38	-0.02	-24.2	20.97	9.39	0.00	-0
	19	15.36	0.03	-6.11	17.50	-2.10	-19.3	21.47	6.14	0.00	-2
	42	12.17	3.15	-5.18	14.53	0.79	-24.5	17.36	8.33	0.00	0
	18	13.41	0.05	-4.79	14.95	-1.49	-17.8	18.20	4.84	0.00	-1
19	44	14.28	2.35	-7.41	17.83	-1.19	-25.6	21.69	9.76	0.00	-1
	20	14.69	0.01	-7.22	17.64	-2.94	-22.3	21.90	7.23	0.00	-3
	43	14.41	2.89	-6.42	17.28	0.03	-24.0	20.83	9.31	0.00	0
	19	15.50	0.05	-6.23	17.70	-2.14	-19.4	21.73	6.28	0.00	-2
20	45	11.32	0.98	-7.71	15.43	-3.13	-28.1	19.03	8.69	0.00	-4
	21	10.46	-0.11	-7.53	14.38	-4.03	-27.5	17.99	7.42	0.00	-5
	44	14.11	2.33	-7.46	17.72	-1.29	-25.9	21.57	9.79	0.00	-1
	20	15.03	0.06	-7.28	17.99	-2.90	-22.1	22.31	7.34	0.00	-3
21	46	4.91	-3.26	-6.72	8.69	-7.04	-29.3	11.63	3.46	-1.81	-9
	22	1.04	-0.35	-5.80	6.19	-5.50	-41.6	6.85	5.45	-4.76	-6
	45	10.79	0.90	-8.30	15.51	-3.81	-29.6	19.09	9.20	0.00	-5
	21	11.34	0.02	-7.38	14.98	-3.62	-26.3	18.72	7.40	0.00	-4
22	47	-14.35	-14.17	-6.77	-7.48	-21.03	-45.4	0.00	0.00	-21.12	-20
	23	-9.11	0.52	-4.33	2.18	-10.77	-69.0	0.00	2.58	-13.44	-3
	46	5.80	-3.13	-7.91	10.42	-7.76	-30.3	13.71	4.78	-2.12	-11
	22	0.54	-0.42	-5.47	5.55	-5.43	-42.5	6.02	5.05	-4.93	-5
23	48	0.43	-9.44	-4.45	2.14	-11.15	-21.0	2.53	0.00	-4.03	-13
	24	-0.08	-0.13	-4.67	4.57	-4.78	-44.9	4.59	4.54	-4.76	-4
	47	-14.00	-14.12	-4.36	-9.70	-18.42	-44.6	0.00	0.00	-18.36	-18
	23	-9.70	0.44	-4.58	2.20	-11.46	-68.9	0.00	2.60	-14.28	-4
24	50	-3.71	1.84	9.75	9.20	-11.08	52.9	6.04	11.59	-13.47	-7
	26	-15.36	-16.63	8.42	-7.55	-24.44	42.8	0.00	0.00	-23.78	-25
	49	-0.43	-3.30	6.82	5.10	-8.83	39.1	6.38	3.52	-7.25	-10
	25	0.43	-11.71	5.48	2.54	-13.82	21.0	2.99	0.00	-5.06	-17
25	51	2.51	-0.07	12.19	13.48	-11.04	42.0	14.70	12.13	-9.69	-12
	27	3.79	-4.87	9.56	9.95	-11.03	32.8	13.35	4.70	-5.78	-14
	50	-3.53	1.86	8.96	8.52	-10.19	53.4	5.43	10.82	-12.49	-7
	26	-15.75	-16.69	6.33	-9.87	-22.56	42.9	0.00	0.00	-22.08	-23
26	52	9.54	1.22	12.08	18.15	-7.40	35.5	21.62	13.30	-2.54	-10
	28	8.87	-0.91	10.59	15.64	-7.68	32.6	19.46	9.68	-1.72	-11
	51	2.90	-0.01	12.26	13.79	-10.90	41.6	15.16	12.25	-9.35	-12
	27	2.92	-5.00	10.77	10.43	-12.51	34.9	13.69	5.77	-7.85	-15
27	53	13.03	2.10	11.53	20.33	-5.19	32.3	24.57	13.64	0.00	-8
	29	13.03	0.59	10.99	19.44	-5.82	30.3	24.02	11.59	0.00	-8
	52	9.36	1.19	11.78	17.74	-7.20	35.4	21.14	12.97	-2.43	-10
	28	9.40	-0.83	11.24	16.64	-8.06	32.8	20.64	10.41	-1.84	-12
28	54	14.60	2.51	11.03	21.13	-4.02	30.6	25.63	13.54	0.00	-5
	30	14.85	1.19	10.81	20.81	-4.77	28.9	25.66	12.01	0.00	-6
	53	13.03	2.10	11.40	20.21	-5.07	32.2	24.43	13.50	0.00	-7
	29	13.20	0.62	11.18	19.74	-5.92	30.3	24.39	11.80	0.00	-8
29	55	14.37	2.70	10.58	20.62	-3.54	30.6	24.95	13.28	0.00	-5
	31	14.76	1.48	10.35	20.41	-4.18	28.7	25.11	11.83	0.00	-5
	54	14.61	2.51	11.04	21.15	-4.03	30.6	25.65	13.55	0.00	-5
	30	14.91	1.20	10.81	20.86	-4.75	28.8	25.73	12.02	0.00	-6

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U1

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
30	56	12.48	2.86	10.09	18.85	-3.50	32.2	22.57	12.95	0.00	-5
	32	13.03	1.66	9.70	18.59	-3.90	29.8	22.73	11.37	0.00	-5
	55	14.38	2.71	10.66	20.69	-3.61	30.7	25.04	13.37	0.00	-5
	31	14.78	1.48	10.28	20.37	-4.11	28.5	25.06	11.76	0.00	-5
31	57	9.12	3.03	9.42	15.97	-3.83	36.0	18.54	12.45	-0.30	-6
	33	9.94	1.82	8.86	15.63	-3.87	32.7	18.80	10.68	0.00	-6
	56	12.48	2.86	10.18	18.93	-3.59	32.4	22.66	13.04	0.00	-5
	32	13.04	1.66	9.62	18.53	-3.82	29.7	22.66	11.28	0.00	-5
32	58	4.54	3.12	8.37	12.23	-4.57	42.6	12.91	11.49	-3.83	-5
	34	5.84	1.87	7.74	11.85	-4.13	37.8	13.58	9.61	-1.90	-5
	57	9.09	3.02	9.46	15.99	-3.88	36.1	18.55	12.48	-0.37	-6
	33	9.93	1.81	8.83	15.58	-3.85	32.7	18.75	10.64	0.00	-6
33	59	-1.00	2.89	6.57	7.80	-5.91	53.2	5.57	9.46	-7.57	-3
	35	1.27	1.60	6.13	7.57	-4.71	45.8	7.40	7.73	-4.87	-4
	58	4.51	3.12	8.28	12.12	-4.50	42.6	12.79	11.40	-3.78	-5
	34	5.79	1.87	7.84	11.91	-4.26	38.0	13.63	9.71	-2.06	-5
34	60	-8.27	2.44	3.34	3.40	-9.22	74.0	0.00	3.79	-11.61	-0
	36	-3.93	0.33	3.27	2.10	-5.70	61.6	0.00	3.04	-7.20	-2
	59	-0.90	2.91	6.46	7.73	-5.73	53.2	5.55	9.36	-7.36	-3
	35	1.43	1.62	6.39	7.91	-4.87	45.4	7.81	8.01	-4.96	-4
35	61	-25.16	17.99	9.29	19.91	-27.07	78.4	0.00	21.42	-29.95	0
	37	-30.85	-5.45	7.72	-3.29	-33.01	74.4	0.00	0.00	-38.56	-13
	60	-8.54	11.15	12.29	17.05	-14.45	64.3	3.75	23.44	-20.84	-1
	36	-3.04	2.65	10.72	10.90	-11.29	52.4	7.69	13.37	-13.76	-8
36	62	-17.71	18.10	6.78	19.34	-18.95	79.6	0.00	20.70	-20.25	0
	38	-13.82	8.69	3.71	9.29	-14.42	80.9	0.00	9.69	-15.41	0
	61	-25.39	17.96	8.79	19.67	-27.10	79.0	0.00	21.00	-29.69	0
	37	-31.14	-5.49	5.72	-4.27	-32.35	78.0	0.00	0.00	-36.85	-11
37	63	-8.11	5.14	-0.51	5.16	-8.13	-87.8	0.00	5.18	-8.16	0
	39	-6.27	2.50	-0.72	2.56	-6.33	-85.4	0.00	2.59	-6.48	0
	62	-17.27	3.56	1.83	3.72	-17.43	85.0	0.00	3.75	-18.21	0
	38	-14.49	1.02	1.63	1.19	-14.66	84.1	0.00	1.20	-16.12	-0
38	64	-0.16	5.80	-2.78	6.90	-1.26	-68.5	2.62	8.59	-1.50	0
	40	1.45	3.12	-2.32	4.75	-0.18	-54.9	3.77	5.44	-0.27	0
	63	-8.13	5.14	-0.84	5.19	-8.18	-86.4	0.00	5.23	-8.27	0
	39	-6.07	2.53	-0.38	2.55	-6.09	-87.5	0.00	2.56	-6.13	0
39	65	6.46	6.01	-4.52	10.76	1.71	-43.6	10.98	10.53	0.00	0
	41	7.73	3.24	-3.82	9.92	1.05	-29.8	11.56	7.07	0.00	0
	64	-0.12	5.81	-2.90	6.99	-1.30	-67.8	2.78	8.70	-1.56	0
	40	1.53	3.13	-2.20	4.67	-0.01	-55.0	3.73	5.33	-0.02	0
40	66	11.19	6.02	-5.84	14.99	2.22	-33.1	17.03	11.86	0.00	0
	42	12.19	3.14	-5.20	14.56	0.77	-24.5	17.39	8.34	0.00	0
	65	6.49	6.02	-4.49	10.75	1.76	-43.5	10.98	10.51	0.00	0
	41	7.75	3.25	-3.85	9.96	1.04	-29.8	11.60	7.10	0.00	0
41	67	13.70	5.92	-6.89	17.72	1.89	-30.3	20.59	12.81	0.00	0
	43	14.47	2.89	-6.43	17.33	0.03	-24.0	20.89	9.31	0.00	0
	66	11.20	6.02	-5.75	14.92	2.31	-32.9	16.95	11.78	0.00	0
	42	12.17	3.14	-5.28	14.61	0.71	-24.7	17.46	8.42	0.00	0
42	68	13.71	5.61	-7.81	18.46	0.87	-31.3	21.52	13.42	0.00	0
	44	14.28	2.33	-7.45	17.85	-1.24	-25.6	21.72	9.77	0.00	-1
	67	13.69	5.92	-6.83	17.66	1.94	-30.2	20.52	12.75	0.00	0
	43	14.41	2.88	-6.47	17.31	-0.02	-24.1	20.88	9.35	0.00	-0
43	69	10.90	4.87	-8.69	17.09	-1.31	-35.4	19.59	13.57	0.00	-2
	45	11.31	0.95	-8.15	15.78	-3.53	-28.8	19.46	9.09	0.00	-4
	68	13.71	5.62	-7.87	18.52	0.81	-31.4	21.59	13.49	0.00	0
	44	14.10	2.30	-7.33	17.61	-1.20	-25.6	21.43	9.63	0.00	-1
44	70	4.58	3.96	-9.65	13.92	-5.38	-44.1	14.23	13.60	-5.06	-5
	46	4.94	-3.08	-8.32	10.17	-8.31	-32.1	13.26	5.24	-3.39	-11
	69	11.09	4.90	-8.90	17.42	-1.43	-35.4	19.99	13.80	0.00	-2
	45	10.79	0.87	-7.58	14.88	-3.23	-28.4	18.36	8.45	0.00	-4

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U1

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
45	71	-2.42	6.26	-6.78	9.97	-6.13	-61.3	4.36	13.04	-9.20	-0
	47	-14.40	-14.50	-4.53	-9.92	-18.98	-44.7	0.00	0.00	-18.93	-19
	70	4.18	3.90	-9.47	13.51	-5.43	-44.6	13.66	13.37	-5.29	-5
	46	5.82	-2.95	-7.23	9.89	-7.02	-29.4	13.05	4.28	-1.40	-10
46	72	-0.43	1.59	-4.94	5.62	-4.46	-50.8	4.51	6.53	-5.37	-3
	48	0.50	-8.96	-4.22	2.10	-10.57	-20.9	2.48	0.00	-3.72	-13
	71	-2.61	6.23	-7.48	10.50	-6.87	-60.3	4.87	13.71	-10.09	-1
	47	-14.05	-14.45	-6.75	-7.50	-21.01	-44.2	0.00	0.00	-20.80	-21
47	74	0.82	6.05	9.96	13.73	-6.86	52.4	10.78	16.01	-9.14	-3
	50	-3.84	0.98	8.46	7.37	-10.23	53.0	4.62	9.44	-12.30	-7
	73	-0.00	6.89	8.74	12.84	-5.95	55.8	8.74	15.63	-8.74	-1
	49	-0.38	-2.91	7.24	5.71	-8.99	40.0	6.87	4.33	-7.62	-10
48	75	4.47	5.81	11.20	16.37	-6.08	46.7	15.67	17.02	-6.74	-5
	51	2.56	0.32	12.25	13.74	-10.86	42.4	14.82	12.57	-9.69	-11
	74	0.77	6.04	9.14	12.92	-6.10	53.0	9.91	15.18	-8.37	-3
	50	-3.66	1.01	10.18	9.12	-11.77	51.5	6.53	11.19	-13.84	-9
49	76	9.41	4.68	11.22	18.51	-4.42	39.1	20.63	15.90	-1.81	-6
	52	9.57	1.39	12.02	18.18	-7.22	35.6	21.59	13.41	-2.46	-10
	75	4.65	5.84	11.13	16.39	-5.90	46.5	15.77	16.97	-6.48	-5
	51	2.96	0.38	11.93	13.67	-10.33	41.9	14.89	12.31	-8.97	-11
50	77	12.88	4.12	11.09	20.42	-3.42	34.2	23.97	15.21	0.00	-5
	53	13.04	2.16	11.45	20.28	-5.08	32.3	24.49	13.61	0.00	-7
	76	9.43	4.69	11.48	18.78	-4.66	39.2	20.92	16.17	-2.05	-6
	52	9.38	1.36	11.84	17.88	-7.13	35.6	21.22	13.20	-2.46	-10
51	78	14.44	3.80	10.87	21.23	-2.98	32.0	25.32	14.68	0.00	-4
	54	14.60	2.53	11.05	21.16	-4.02	30.7	25.65	13.58	0.00	-5
	77	12.86	4.12	11.23	20.54	-3.56	34.4	24.09	15.34	0.00	-5
	53	13.04	2.16	11.41	20.24	-5.04	32.2	24.45	13.57	0.00	-7
52	79	14.17	3.61	10.69	20.82	-3.04	31.9	24.87	14.30	0.00	-4
	55	14.37	2.72	10.67	20.70	-3.61	30.7	25.04	13.38	0.00	-5
	78	14.44	3.80	11.00	21.34	-3.09	32.1	25.44	14.80	0.00	-4
	54	14.62	2.53	10.97	21.10	-3.95	30.6	25.58	13.50	0.00	-5
53	80	12.12	3.53	10.49	19.16	-3.51	33.9	22.61	14.02	0.00	-5
	56	12.48	2.87	10.20	18.95	-3.60	32.4	22.68	13.07	0.00	-5
	79	14.18	3.61	10.84	20.95	-3.17	32.0	25.01	14.45	0.00	-4
	55	14.38	2.72	10.55	20.60	-3.50	30.5	24.93	13.27	0.00	-5
54	81	8.36	3.60	10.08	16.34	-4.37	38.4	18.44	13.68	-1.72	-6
	57	9.12	3.04	9.51	16.06	-3.90	36.1	18.63	12.55	-0.39	-6
	80	12.12	3.53	10.64	19.30	-3.65	34.0	22.76	14.18	0.00	-5
	56	12.48	2.87	10.07	18.83	-3.49	32.3	22.55	12.94	0.00	-5
55	82	3.04	3.82	9.16	12.60	-5.74	46.2	12.20	12.97	-6.11	-5
	58	4.55	3.16	8.37	12.25	-4.54	42.6	12.91	11.53	-3.82	-5
	81	8.36	3.60	10.21	16.46	-4.50	38.4	18.57	13.81	-1.85	-6
	57	9.09	3.04	9.42	15.96	-3.83	36.1	18.51	12.46	-0.32	-6
56	83	-3.61	4.26	7.35	8.66	-8.01	59.1	3.74	11.61	-10.96	-3
	59	-0.99	2.95	6.46	7.73	-5.77	53.5	5.47	9.41	-7.45	-3
	82	3.05	3.82	9.26	12.70	-5.83	46.2	12.30	13.07	-6.21	-5
	58	4.51	3.16	8.36	12.22	-4.55	42.7	12.87	11.52	-3.85	-5
57	84	-11.07	4.90	4.81	6.24	-12.40	74.5	0.00	7.00	-15.79	0
	60	-8.24	2.65	3.71	3.79	-9.38	72.9	0.00	4.31	-11.94	-1
	83	-3.65	4.25	7.47	8.75	-8.15	58.9	3.82	11.72	-11.12	-3
	59	-0.89	2.97	6.36	7.69	-5.61	53.4	5.47	9.33	-7.26	-3
58	85	-25.36	25.41	12.60	28.37	-28.31	76.8	0.00	31.67	-31.61	0
	61	-25.30	17.05	8.31	18.62	-26.87	79.3	0.00	19.78	-29.35	0
	84	-11.42	20.44	16.25	27.26	-18.25	67.2	4.82	36.68	-24.34	0
	60	-8.44	11.84	11.96	17.38	-13.98	65.2	3.52	23.80	-20.40	-0
59	86	-20.73	28.55	7.23	29.59	-21.77	81.8	0.00	31.08	-22.57	0
	62	-17.61	18.83	6.34	19.90	-18.68	80.4	0.00	21.11	-19.74	0
	85	-25.50	25.39	11.02	27.67	-27.79	78.3	0.00	30.15	-30.29	0
	61	-25.53	17.01	10.13	19.30	-27.82	77.3	0.00	21.03	-31.56	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U1

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
60	87	-10.98	7.26	-1.03	7.32	-11.04	-86.8	0.00	7.36	-11.13	0
	63	-8.10	5.15	-0.83	5.20	-8.16	-86.4	0.00	5.24	-8.24	0
	86	-20.30	6.34	1.85	6.47	-20.42	86.0	0.00	6.51	-20.84	0
	62	-17.24	3.77	2.05	3.97	-17.44	84.5	0.00	4.02	-18.35	0
61	88	-2.08	7.78	-3.52	8.90	-3.21	-72.2	1.44	11.30	-3.67	0
	64	-0.16	5.82	-2.94	7.02	-1.36	-67.8	2.78	8.76	-1.64	0
	87	-10.90	7.28	-1.21	7.36	-10.98	-86.2	0.00	7.41	-11.10	0
	63	-8.13	5.15	-0.63	5.18	-8.16	-87.3	0.00	5.20	-8.20	0
62	89	5.23	8.11	-5.18	12.04	1.30	-52.8	10.41	13.29	0.00	0
	65	6.46	6.03	-4.50	10.75	1.74	-43.6	10.96	10.53	0.00	0
	88	-2.04	7.78	-3.54	8.93	-3.18	-72.1	1.50	11.32	-3.65	0
	64	-0.11	5.83	-2.87	6.99	-1.27	-68.0	2.75	8.70	-1.52	0
63	90	10.42	8.41	-6.25	15.74	3.09	-40.4	16.66	14.66	0.00	0
	66	11.20	6.04	-5.74	14.91	2.33	-32.9	16.93	11.77	0.00	0
	89	5.26	8.11	-5.08	11.96	1.41	-52.9	10.34	13.19	0.00	0
	65	6.49	6.03	-4.57	10.84	1.68	-43.6	11.06	10.60	0.00	0
64	91	13.16	8.79	-7.00	18.31	3.64	-36.3	20.16	15.79	0.00	0
	67	13.70	5.94	-6.78	17.63	2.01	-30.1	20.48	12.72	0.00	0
	90	10.43	8.41	-6.09	15.59	3.25	-40.3	16.51	14.50	0.00	0
	66	11.20	6.04	-5.87	15.03	2.21	-33.1	17.07	11.91	0.00	0
65	92	13.30	9.32	-7.64	19.21	3.41	-37.7	20.94	16.97	0.00	0
	68	13.72	5.67	-7.75	18.42	0.97	-31.3	21.46	13.42	0.00	0
	91	13.17	8.79	-6.81	18.14	3.83	-36.1	19.98	15.61	0.00	0
	67	13.69	5.94	-6.92	17.74	1.89	-30.4	20.61	12.86	0.00	0
66	93	10.81	10.19	-8.22	18.73	2.27	-43.9	19.03	18.41	0.00	0
	69	10.93	5.05	-8.67	17.14	-1.17	-35.6	19.60	13.72	0.00	-1
	92	13.32	9.33	-7.42	19.01	3.64	-37.5	20.75	16.75	0.00	0
	68	13.72	5.68	-7.87	18.54	0.86	-31.5	21.59	13.55	0.00	0
67	94	6.21	11.73	-8.14	17.57	0.37	-54.4	14.35	19.88	0.00	0
	70	4.64	4.34	-9.22	13.71	-4.73	-44.5	13.86	13.56	-4.58	-4
	93	10.79	10.18	-7.87	18.36	2.61	-43.9	18.65	18.05	0.00	0
	69	11.11	5.08	-8.94	17.53	-1.34	-35.7	20.06	14.02	0.00	-2
68	95	1.83	12.41	-6.39	15.42	-1.18	-64.8	8.23	18.80	-1.46	0
	71	-2.55	5.39	-7.90	10.26	-7.42	-58.3	5.35	13.29	-10.45	-2
	94	6.02	11.70	-8.13	17.48	0.25	-54.6	14.16	19.84	0.00	0
	70	4.24	4.28	-9.64	13.90	-5.37	-45.1	13.88	13.92	-5.39	-5
69	96	0.01	13.79	-6.21	16.17	-2.37	-69.0	6.22	20.00	-2.79	0
	72	-0.37	1.99	-5.31	6.25	-4.63	-51.3	4.94	7.30	-5.68	-3
	95	1.87	12.42	-7.15	16.03	-1.74	-63.2	9.02	19.57	-2.25	0
	71	-2.74	5.36	-6.25	8.76	-6.14	-61.5	3.51	11.61	-8.99	-0
70	98	2.57	9.39	8.75	15.37	-3.41	55.6	11.32	18.14	-5.58	0
	74	0.90	6.58	9.27	13.44	-5.95	53.5	10.17	15.86	-8.37	-2
	97	0.04	10.70	8.44	15.34	-4.61	61.1	8.47	19.13	-6.62	0
	73	-0.14	5.94	8.96	12.36	-6.56	54.4	8.82	14.90	-9.10	-3
71	99	5.96	8.31	9.52	16.73	-2.46	48.5	15.48	17.83	-3.56	-1
	75	4.44	5.62	10.86	15.91	-5.85	46.5	15.30	16.48	-6.43	-5
	98	2.53	9.38	8.49	15.11	-3.20	56.0	11.02	17.87	-5.15	0
	74	0.85	6.58	9.83	13.96	-6.53	53.1	10.68	16.41	-8.98	-3
72	100	9.86	6.87	9.87	18.35	-1.61	40.7	19.73	16.74	-0.00	-2
	76	9.41	4.70	11.47	18.76	-4.65	39.2	20.87	16.17	-2.06	-6
	99	6.02	8.32	9.37	16.61	-2.28	48.5	15.39	17.69	-3.35	-1
	75	4.62	5.64	10.97	16.11	-5.86	46.3	15.59	16.62	-6.36	-5
73	101	13.01	5.60	10.06	20.03	-1.42	34.9	23.07	15.66	0.00	-2
	77	12.89	4.16	11.28	20.62	-3.57	34.4	24.17	15.44	0.00	-5
	100	9.92	6.88	10.03	18.54	-1.75	40.7	19.95	16.91	-0.11	-3
	76	9.44	4.71	11.25	18.57	-4.43	39.1	20.69	15.96	-1.81	-6
74	102	14.58	4.65	10.27	21.02	-1.80	32.1	24.85	14.92	0.00	-2
	78	14.45	3.83	11.03	21.38	-3.10	32.2	25.48	14.86	0.00	-4
	101	13.02	5.60	10.30	20.26	-1.64	35.1	23.32	15.89	0.00	-2
	77	12.87	4.16	11.06	20.40	-3.37	34.3	23.92	15.22	0.00	-5

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U1

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
75	103	14.29	3.99	10.52	20.85	-2.57	32.0	24.81	14.51	0.00	-3
	79	14.18	3.62	10.86	20.97	-3.17	32.0	25.04	14.48	0.00	-4
	102	14.57	4.65	10.49	21.22	-2.00	32.3	25.07	15.14	0.00	-2
	78	14.45	3.83	10.83	21.20	-2.93	32.0	25.28	14.67	0.00	-4
76	104	12.07	3.56	10.73	19.35	-3.72	34.2	22.79	14.29	0.00	-5
	80	12.12	3.55	10.67	19.33	-3.66	34.1	22.79	14.21	0.00	-5
	103	14.28	3.99	10.73	21.04	-2.76	32.2	25.01	14.72	0.00	-4
	79	14.18	3.62	10.67	20.80	-3.00	31.8	24.85	14.29	0.00	-4
77	105	7.88	3.38	10.72	16.59	-5.33	39.1	18.61	14.10	-2.84	-7
	81	8.37	3.63	10.25	16.52	-4.52	38.5	18.62	13.88	-1.88	-6
	104	12.07	3.56	10.94	19.56	-3.92	34.4	23.01	14.50	0.00	-6
	80	12.12	3.55	10.47	19.15	-3.48	33.9	22.59	14.02	0.00	-5
78	106	1.76	3.52	10.23	12.91	-7.63	47.5	11.99	13.76	-8.48	-6
	82	3.05	3.88	9.32	12.79	-5.86	46.3	12.37	13.19	-6.26	-5
	105	7.90	3.38	10.96	16.83	-5.55	39.2	18.86	14.34	-3.07	-7
	81	8.37	3.63	10.04	16.32	-4.32	38.4	18.41	13.67	-1.68	-6
79	107	-6.06	4.14	8.89	9.29	-11.21	59.9	2.83	13.03	-14.95	-4
	83	-3.61	4.26	7.51	8.81	-8.15	58.8	3.90	11.77	-11.12	-3
	106	1.75	3.52	10.49	13.17	-7.89	47.4	12.25	14.02	-8.74	-6
	82	3.06	3.88	9.11	12.59	-5.65	46.3	12.17	12.99	-6.05	-5
80	108	-14.46	4.95	6.46	6.90	-16.41	73.2	0.00	7.84	-20.92	-1
	84	-11.07	4.86	4.81	6.20	-12.41	74.4	0.00	6.96	-15.83	0
	107	-6.16	4.13	9.02	9.37	-11.40	59.8	2.86	13.15	-15.17	-4
	83	-3.65	4.26	7.37	8.67	-8.06	59.1	3.73	11.63	-11.02	-3
81	109	-29.89	27.61	15.66	31.59	-33.88	75.7	0.00	35.81	-38.77	0
	85	-25.34	25.54	11.20	27.90	-27.69	78.1	0.00	30.50	-30.25	0
	108	-14.85	21.80	21.19	31.50	-24.54	65.4	6.35	43.00	-35.45	0
	84	-11.44	20.31	16.74	27.50	-18.64	66.7	5.29	37.05	-25.24	0
82	110	-25.33	31.38	7.76	32.42	-26.38	82.3	0.00	33.75	-27.26	0
	86	-20.77	28.34	6.26	29.12	-21.55	82.9	0.00	30.22	-22.15	0
	109	-30.01	27.59	14.19	30.89	-33.32	76.9	0.00	34.30	-37.31	0
	85	-25.48	25.52	12.69	28.51	-28.46	76.8	0.00	31.84	-31.79	0
83	111	-14.38	7.83	-1.65	7.96	-14.50	-85.8	0.00	8.02	-14.73	0
	87	-10.98	7.28	-1.29	7.37	-11.07	-86.0	0.00	7.43	-11.21	0
	110	-24.89	6.69	1.88	6.80	-25.00	86.6	0.00	6.83	-25.42	0
	86	-20.31	6.27	2.24	6.46	-20.49	85.2	0.00	6.52	-21.11	0
84	112	-4.14	8.53	-4.28	9.83	-5.44	-73.0	0.14	12.80	-6.28	0
	88	-2.07	7.81	-3.56	8.96	-3.22	-72.1	1.49	11.37	-3.70	0
	111	-14.26	7.85	-1.83	8.00	-14.41	-85.3	0.00	8.09	-14.69	0
	87	-10.90	7.29	-1.12	7.36	-10.97	-86.5	0.00	7.40	-11.07	0
85	113	4.16	9.17	-5.68	12.87	0.46	-56.9	9.84	14.85	0.00	0
	89	5.24	8.13	-5.08	11.97	1.40	-53.0	10.32	13.21	0.00	0
	112	-4.09	8.53	-4.20	9.80	-5.36	-73.2	0.10	12.73	-6.16	0
	88	-2.04	7.81	-3.60	8.99	-3.21	-71.9	1.57	11.42	-3.70	0
86	114	9.96	9.92	-6.33	16.27	3.61	-44.9	16.28	16.25	0.00	0
	90	10.42	8.44	-6.07	15.58	3.28	-40.4	16.49	14.51	0.00	0
	113	4.18	9.18	-5.49	12.71	0.64	-57.2	9.68	14.67	0.00	0
	89	5.26	8.13	-5.24	12.13	1.27	-52.7	10.49	13.37	0.00	0
87	115	13.03	10.88	-6.57	18.62	5.30	-40.4	19.60	17.46	0.00	0
	91	13.16	8.82	-6.78	18.11	3.87	-36.1	19.95	15.61	0.00	0
	114	9.97	9.92	-6.08	16.03	3.86	-44.9	16.05	16.01	0.00	0
	90	10.43	8.44	-6.29	15.80	3.06	-40.5	16.72	14.73	0.00	0
88	116	13.38	12.18	-6.63	19.43	6.13	-42.4	20.00	18.81	0.00	0
	92	13.31	9.37	-7.39	18.99	3.68	-37.5	20.70	16.76	0.00	0
	115	13.04	10.89	-6.28	18.33	5.59	-40.1	19.32	17.17	0.00	0
	91	13.17	8.83	-7.05	18.38	3.62	-36.4	20.22	15.87	0.00	0
89	117	11.30	13.89	-6.50	19.22	5.97	-50.6	17.80	20.39	0.00	0
	93	10.82	10.20	-7.90	18.42	2.60	-43.9	18.72	18.11	0.00	0
	116	13.37	12.18	-6.30	19.10	6.45	-42.3	19.67	18.48	0.00	0
	92	13.33	9.37	-7.71	19.31	3.39	-37.8	21.04	17.08	0.00	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U1

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
90	118	7.62	15.83	-5.94	18.94	4.50	-62.3	13.56	21.77	0.00	0
	94	6.17	11.53	-7.90	17.19	0.51	-54.4	14.08	19.43	0.00	0
	117	11.24	13.88	-6.25	18.95	6.18	-51.0	17.49	20.13	0.00	0
	93	10.79	10.20	-8.20	18.70	2.28	-44.0	18.99	18.40	0.00	0
91	119	3.64	17.44	-5.17	19.16	1.92	-71.6	8.80	22.60	0.00	0
	95	1.91	12.94	-7.02	16.36	-1.50	-64.1	8.93	19.96	-1.90	0
	118	7.55	15.82	-6.02	18.98	4.38	-62.2	13.57	21.84	0.00	0
	94	5.99	11.50	-7.87	17.09	0.41	-54.6	13.87	19.37	0.00	0
92	120	0.05	19.33	-5.26	20.67	-1.29	-75.7	5.31	24.59	-1.38	0
	96	-0.13	12.83	-6.40	15.46	-2.76	-67.7	6.27	19.23	-3.32	0
	119	3.67	17.44	-5.37	19.29	1.83	-71.0	9.05	22.82	0.00	0
	95	1.95	12.95	-6.51	15.97	-1.07	-65.1	8.46	19.46	-1.32	0
93	122	3.24	10.48	7.26	14.97	-1.25	58.3	10.50	17.74	-1.79	0
	98	2.60	9.56	8.58	15.34	-3.18	56.0	11.18	18.14	-5.10	0
	121	0.02	11.87	7.13	15.21	-3.32	64.9	7.15	19.00	-4.26	0
	97	-0.02	10.34	8.45	15.07	-4.75	60.8	8.43	18.78	-6.92	0
94	123	6.78	9.06	7.68	15.69	0.16	49.2	14.46	16.74	0.00	0
	99	5.95	8.29	9.30	16.49	-2.25	48.6	15.25	17.59	-3.34	-1
	122	3.20	10.48	7.15	14.86	-1.18	58.5	10.35	17.63	-1.67	0
	98	2.56	9.55	8.77	15.49	-3.38	55.9	11.32	18.32	-5.49	0
95	124	10.52	7.47	8.13	17.27	0.73	39.7	18.65	15.60	0.00	0
	100	9.86	6.85	9.95	18.41	-1.71	40.7	19.81	16.79	-0.09	-3
	123	6.82	9.07	7.58	15.61	0.28	49.2	14.40	16.65	0.00	0
	99	6.02	8.30	9.40	16.63	-2.31	48.5	15.42	17.70	-3.38	-1
96	125	13.57	5.97	8.69	19.25	0.29	33.2	22.25	14.66	0.00	0
	101	13.01	5.60	10.29	20.24	-1.63	35.1	23.30	15.88	0.00	-2
	124	10.57	7.48	8.23	17.40	0.65	39.7	18.80	15.71	0.00	0
	100	9.91	6.85	9.83	18.33	-1.56	40.6	19.74	16.68	0.00	-2
97	126	15.12	4.73	9.36	20.62	-0.78	30.5	24.47	14.08	0.00	-1
	102	14.58	4.66	10.51	21.24	-2.00	32.4	25.08	15.17	0.00	-2
	125	13.58	5.97	8.91	19.46	0.09	33.4	22.49	14.88	0.00	0
	101	13.02	5.60	10.06	20.03	-1.41	34.9	23.08	15.66	0.00	-2
98	127	14.79	3.73	10.05	20.73	-2.22	30.6	24.84	13.78	0.00	-3
	103	14.29	4.00	10.74	21.05	-2.76	32.2	25.02	14.73	0.00	-4
	126	15.11	4.73	9.59	20.82	-0.98	30.8	24.70	14.32	0.00	-1
	102	14.57	4.66	10.27	21.02	-1.79	32.1	24.84	14.93	0.00	-2
99	128	12.41	2.91	10.70	19.37	-4.04	33.0	23.11	13.61	0.00	-6
	104	12.07	3.57	10.94	19.55	-3.92	34.4	23.01	14.51	0.00	-6
	127	14.78	3.73	10.27	20.92	-2.41	30.9	25.06	14.00	0.00	-3
	103	14.28	3.99	10.51	20.85	-2.57	32.0	24.80	14.51	0.00	-3
100	129	7.85	2.26	11.17	16.57	-6.46	38.0	19.03	13.43	-3.32	-8
	105	7.89	3.39	10.96	16.83	-5.56	39.2	18.85	14.35	-3.08	-7
	128	12.42	2.91	10.92	19.57	-4.24	33.2	23.34	13.83	0.00	-6
	104	12.07	3.57	10.71	19.34	-3.71	34.2	22.78	14.28	0.00	-5

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U2

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
1	26	-25.10	-26.60	9.83	-16.00	-35.71	42.8	0.00	0.00	-34.93	-36
	2	-19.12	0.59	9.61	4.50	-23.03	67.9	0.00	5.42	-28.72	-9
	25	0.58	-19.84	9.21	4.12	-23.38	21.0	4.86	0.00	-8.62	-29
	1	0.24	0.09	8.99	9.16	-8.82	44.7	9.23	9.08	-8.74	-8
2	27	6.66	-8.04	16.65	17.51	-18.89	33.1	23.31	8.61	-9.99	-24
	3	-2.83	-0.73	12.29	10.55	-14.12	47.4	9.46	11.56	-15.13	-13
	26	-25.74	-26.70	13.63	-12.58	-39.85	44.0	0.00	0.00	-39.37	-40
	2	-17.99	0.76	9.27	4.57	-21.79	67.7	0.00	5.54	-27.25	-8
3	28	15.24	-1.15	18.21	27.01	-12.92	32.9	33.44	17.06	-2.97	-19
	4	15.37	0.00	16.64	26.01	-10.64	32.6	32.01	16.64	-1.27	-16
	27	5.22	-8.26	14.54	14.50	-17.54	32.6	19.76	6.28	-9.32	-22
	3	-2.04	-0.61	12.97	11.66	-14.31	46.6	10.92	12.35	-15.01	-13
4	29	22.20	1.29	17.74	32.34	-8.84	29.7	39.94	19.03	0.00	-12
	5	22.94	0.07	17.59	32.49	-9.48	28.5	40.53	17.66	0.00	-13
	28	16.12	-1.02	17.12	26.70	-11.60	31.7	33.24	16.11	-1.01	-18
	4	13.91	-0.22	16.98	25.23	-11.54	33.7	30.88	16.76	-3.07	-17
5	30	25.35	2.23	16.95	34.31	-6.73	27.9	42.30	19.19	0.00	-9
	6	26.30	0.06	16.97	34.64	-8.27	26.2	43.28	17.04	0.00	-10
	29	22.50	1.34	17.55	32.41	-8.57	29.5	40.04	18.88	0.00	-12
	5	22.38	-0.01	17.57	32.02	-9.65	28.7	39.95	17.56	0.00	-13
6	31	25.38	2.65	15.93	33.58	-5.56	27.2	41.31	18.58	0.00	-7
	7	26.49	0.06	15.77	33.85	-7.30	25.0	42.26	15.83	0.00	-9
	30	25.45	2.25	17.01	34.43	-6.74	27.9	42.45	19.25	0.00	-9
	6	26.09	0.03	16.84	34.35	-8.24	26.1	42.93	16.87	0.00	-10
7	32	22.79	2.90	14.73	30.61	-4.93	28.0	37.52	17.62	0.00	-6
	8	24.06	0.05	14.29	30.72	-6.61	25.0	38.35	14.34	0.00	-8
	31	25.42	2.65	16.06	33.72	-5.65	27.3	41.47	18.71	0.00	-7
	7	26.39	0.04	15.62	33.65	-7.22	24.9	42.01	15.66	0.00	-9
8	33	18.00	3.10	13.31	25.80	-4.71	30.4	31.31	16.41	0.00	-6
	9	19.47	0.03	12.62	25.68	-6.18	26.2	32.09	12.65	0.00	-8
	32	22.80	2.90	14.85	30.72	-5.03	28.1	37.65	17.75	0.00	-6
	8	23.98	0.04	14.16	30.55	-6.53	24.9	38.14	14.20	0.00	-8
9	34	11.55	3.14	11.62	19.70	-5.01	35.1	23.17	14.76	-0.07	-8
	10	13.23	0.00	10.78	19.27	-6.03	29.2	24.02	10.79	0.00	-8
	33	17.98	3.09	13.37	25.84	-4.77	30.5	31.35	16.47	0.00	-6
	9	19.40	0.02	12.54	25.56	-6.14	26.2	31.94	12.56	0.00	-8
10	35	4.20	2.67	9.45	12.92	-6.05	42.7	13.65	12.13	-5.25	-6
	11	6.33	-0.18	8.81	12.46	-6.31	34.9	15.13	8.63	-2.48	-8
	34	11.47	3.13	11.50	19.53	-4.94	35.0	22.97	14.63	-0.04	-8
	10	13.15	-0.01	10.85	19.27	-6.12	29.4	24.01	10.85	0.00	-8
11	36	-4.25	0.48	4.69	3.37	-7.14	58.4	0.44	5.17	-8.95	-4
	12	4.25	0.53	4.65	7.40	-2.62	34.1	8.90	5.19	-0.41	-4
	35	4.39	2.70	9.03	12.61	-5.52	42.3	13.42	11.73	-4.63	-6
	11	5.41	-0.31	8.98	11.98	-6.88	36.2	14.40	8.67	-3.57	-9
12	37	-47.49	-9.61	8.40	-7.83	-49.26	78.0	0.00	0.00	-55.88	-18
	13	-39.10	0.36	8.30	2.03	-40.77	78.6	0.00	2.12	-47.40	-7
	36	-2.90	3.32	15.68	16.19	-15.77	50.6	12.78	19.00	-18.57	-12
	12	0.84	-0.22	15.58	15.90	-15.28	44.0	16.42	15.36	-14.74	-15
13	38	-19.10	12.99	7.72	14.75	-20.86	77.2	0.00	16.11	-23.69	0
	14	-22.92	-0.04	3.22	0.40	-23.36	82.1	0.00	0.41	-26.14	-3
	37	-47.93	-9.68	12.24	-6.10	-51.51	73.7	0.00	0.00	-60.17	-21
	13	-37.59	0.58	7.74	2.10	-39.10	79.0	0.00	2.18	-45.34	-7
14	39	-7.10	3.96	-0.01	3.96	-7.10	-89.9	0.00	3.96	-7.10	0
	15	-4.51	0.22	-0.10	0.22	-4.52	-88.7	0.00	0.22	-4.56	0
	38	-20.14	1.67	1.40	1.76	-20.23	86.4	0.00	1.77	-21.31	0
	14	-20.62	-2.09	1.30	-2.00	-20.71	86.0	0.00	0.00	-21.92	-3

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U2

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
15	40	5.18	5.10	-2.96	8.10	2.17	-44.6	8.14	8.06	0.00	0
	16	7.58	-0.00	-1.77	7.98	-0.40	-12.5	9.35	1.77	0.00	-0
	39	-6.73	4.01	-0.59	4.04	-6.76	-86.9	0.00	4.06	-6.81	0
	15	-5.01	0.14	0.60	0.21	-5.08	83.4	0.00	0.22	-5.62	-0
16	41	14.94	5.28	-5.61	17.52	2.71	-24.6	20.55	10.89	0.00	0
	17	17.15	0.05	-4.46	18.24	-1.04	-13.8	21.60	4.51	0.00	-1
	40	5.30	5.11	-3.03	8.24	2.17	-44.1	8.33	8.15	0.00	0
	16	7.46	-0.02	-1.88	7.91	-0.47	-13.3	9.34	1.86	0.00	-0
17	42	21.76	5.18	-7.98	24.97	1.96	-21.9	29.73	13.15	0.00	0
	18	23.68	0.06	-7.06	25.63	-1.89	-15.4	30.75	7.12	0.00	-2
	41	14.98	5.28	-5.51	17.47	2.79	-24.3	20.48	10.79	0.00	0
	17	17.17	0.06	-4.59	18.33	-1.10	-14.1	21.77	4.65	0.00	-1
18	43	25.10	4.82	-10.03	29.22	0.70	-22.3	35.13	14.85	0.00	0
	19	26.64	0.05	-9.46	29.67	-2.97	-17.7	36.10	9.51	0.00	-3
	42	21.74	5.17	-7.82	24.85	2.06	-21.7	29.56	12.99	0.00	0
	18	23.79	0.07	-7.25	25.83	-1.97	-15.7	31.04	7.33	0.00	-2
19	44	24.49	3.98	-11.61	29.72	-1.26	-24.3	36.09	15.59	0.00	-1
	20	25.25	0.01	-11.36	29.61	-4.34	-21.0	36.60	11.37	0.00	-5
	43	25.01	4.81	-9.91	29.06	0.76	-22.2	34.92	14.72	0.00	0
	19	26.86	0.08	-9.65	29.98	-3.03	-17.9	36.52	9.74	0.00	-3
20	45	19.37	1.75	-12.22	25.62	-4.50	-27.1	31.59	13.97	0.00	-5
	21	18.07	-0.19	-11.96	23.99	-6.11	-26.3	30.03	11.78	0.00	-8
	44	24.20	3.93	-11.71	29.55	-1.42	-24.6	35.91	15.64	0.00	-1
	20	25.80	0.10	-11.46	30.17	-4.27	-20.9	37.26	11.56	0.00	-4
21	46	8.60	-5.24	-10.69	14.42	-11.06	-28.5	19.30	5.46	-2.09	-15
	22	2.32	-0.58	-9.21	10.20	-8.46	-40.5	11.53	8.64	-6.90	-9
	45	18.51	1.62	-13.19	25.73	-5.60	-28.7	31.70	14.81	0.00	-7
	21	19.50	0.03	-11.71	25.00	-5.46	-25.1	31.22	11.74	0.00	-7
22	47	-23.49	-23.24	-10.90	-12.46	-34.27	-45.3	0.00	0.00	-34.40	-34
	23	-14.69	0.88	-6.91	3.51	-17.31	-69.2	0.00	4.14	-21.60	-6
	46	10.08	-5.02	-12.66	17.27	-12.21	-29.6	22.74	7.65	-2.59	-17
	22	1.48	-0.70	-8.67	9.13	-8.35	-41.4	10.16	7.97	-7.19	-9
23	48	0.72	-15.25	-7.12	3.43	-17.96	-20.8	4.04	0.00	-6.39	-22
	24	-0.18	-0.26	-7.57	7.35	-7.79	-44.9	7.38	7.31	-7.75	-7
	47	-22.92	-23.16	-6.88	-16.16	-29.92	-44.5	0.00	0.00	-29.80	-30
	23	-15.64	0.74	-7.33	3.54	-18.44	-69.1	0.00	4.18	-22.97	-6
24	50	-5.97	3.68	15.71	15.29	-17.58	53.5	9.74	19.39	-21.68	-12
	26	-25.19	-27.19	13.61	-12.55	-39.84	42.9	0.00	0.00	-38.80	-40
	49	-0.72	-4.75	10.91	8.37	-13.83	39.8	10.20	6.17	-11.63	-15
	25	0.72	-18.92	8.81	4.10	-22.30	21.0	4.83	0.00	-8.09	-27
25	51	4.45	0.45	19.64	22.19	-17.29	42.1	24.09	20.09	-15.18	-19
	27	6.71	-7.75	15.35	16.44	-17.48	32.4	22.05	7.60	-8.64	-23
	50	-5.66	3.73	14.41	14.18	-16.12	54.0	8.74	18.13	-20.07	-10
	26	-25.83	-27.29	10.12	-16.42	-36.70	42.9	0.00	0.00	-35.94	-37
26	52	16.19	2.53	19.31	29.84	-11.12	35.3	35.50	21.84	-3.12	-16
	28	15.23	-1.22	16.89	25.78	-11.78	32.0	32.11	15.67	-1.66	-18
	51	5.11	0.55	19.76	22.72	-17.06	41.7	24.87	20.30	-14.64	-19
	27	5.26	-7.96	17.33	17.20	-19.90	34.6	22.60	9.37	-12.07	-25
27	53	22.06	3.96	18.25	33.38	-7.36	31.8	40.31	22.21	0.00	-11
	29	22.20	1.24	17.40	32.03	-8.59	29.5	39.59	18.64	0.00	-12
	52	15.88	2.48	18.82	29.16	-10.79	35.2	34.70	21.30	-2.94	-16
	28	16.11	-1.09	17.96	27.42	-12.41	32.2	34.07	16.87	-1.86	-19
28	54	24.78	4.59	17.26	34.68	-5.31	29.8	42.04	21.85	0.00	-7
	30	25.35	2.21	16.95	34.30	-6.74	27.8	42.29	19.16	0.00	-9
	53	22.06	3.96	18.03	33.18	-7.16	31.7	40.08	21.98	0.00	-10
	29	22.49	1.29	17.71	32.53	-8.76	29.5	40.20	19.00	0.00	-12
29	55	24.61	4.87	16.36	33.85	-4.37	29.4	40.97	21.23	0.00	-6
	31	25.38	2.64	16.04	33.67	-5.65	27.3	41.42	18.69	0.00	-7
	54	24.80	4.60	17.27	34.71	-5.31	29.8	42.08	21.87	0.00	-7
	30	25.44	2.22	16.96	34.38	-6.72	27.8	42.40	19.18	0.00	-9

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U2

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
30	56	21.79	5.06	15.42	30.97	-4.12	30.8	37.21	20.48	0.00	-5
	32	22.79	2.90	14.87	30.73	-5.04	28.1	37.66	17.77	0.00	-6
	55	24.62	4.87	16.48	33.96	-4.47	29.5	41.11	21.35	0.00	-6
	31	25.42	2.65	15.93	33.62	-5.55	27.2	41.35	18.58	0.00	-7
31	57	16.62	5.26	14.23	26.26	-4.38	34.1	30.85	19.50	0.00	-6
	33	18.00	3.09	13.41	25.89	-4.80	30.5	31.41	16.51	0.00	-6
	56	21.78	5.06	15.56	31.08	-4.24	30.9	37.34	20.62	0.00	-6
	32	22.80	2.90	14.74	30.63	-4.93	28.0	37.54	17.64	0.00	-6
32	58	9.50	5.34	12.51	20.11	-5.26	40.3	22.01	17.86	-3.01	-7
	34	11.54	3.13	11.58	19.66	-4.98	35.0	23.12	14.71	-0.03	-8
	57	16.58	5.26	14.30	26.29	-4.46	34.2	30.88	19.56	0.00	-7
	33	17.98	3.09	13.36	25.83	-4.76	30.4	31.34	16.45	0.00	-6
33	59	0.80	4.92	9.74	12.81	-7.09	51.0	10.54	14.65	-8.93	-4
	35	4.20	2.65	9.08	12.54	-5.69	42.6	13.28	11.73	-4.89	-6
	58	9.45	5.34	12.38	19.94	-5.16	40.3	21.83	17.72	-2.93	-7
	34	11.46	3.12	11.73	19.74	-5.16	35.2	23.19	14.84	-0.26	-8
34	60	-10.70	4.11	4.87	5.57	-12.16	73.3	0.00	6.33	-15.58	-0
	36	-4.23	0.65	4.79	3.59	-7.17	58.5	0.57	5.44	-9.02	-4
	59	0.97	4.94	9.55	12.71	-6.80	50.9	10.52	14.49	-8.58	-4
	35	4.39	2.68	9.47	13.04	-5.98	42.4	13.86	12.15	-5.08	-6
35	61	-37.34	28.43	14.18	31.35	-40.27	78.3	0.00	33.81	-44.42	0
	37	-47.54	-9.99	11.99	-6.49	-51.05	73.7	0.00	0.00	-59.53	-21
	60	-11.15	17.61	18.07	26.32	-19.86	64.3	6.91	35.68	-29.22	-0
	36	-2.81	3.91	15.88	16.78	-15.68	51.0	13.07	19.79	-18.69	-11
36	62	-24.86	28.10	11.13	30.34	-27.11	78.6	0.00	33.08	-29.27	0
	38	-19.08	13.09	6.31	14.28	-20.27	79.3	0.00	15.18	-22.12	0
	61	-37.70	28.37	13.42	30.99	-40.32	78.9	0.00	33.15	-44.05	0
	37	-47.99	-10.06	8.60	-8.20	-49.84	77.8	0.00	0.00	-56.59	-18
37	63	-9.70	8.33	-0.39	8.34	-9.71	-88.8	0.00	8.35	-9.72	0
	39	-7.09	4.02	-0.70	4.06	-7.13	-86.4	0.00	4.09	-7.21	0
	62	-24.16	5.81	3.04	6.11	-24.46	84.3	0.00	6.19	-25.75	0
	38	-20.14	1.71	2.73	2.04	-20.48	83.0	0.00	2.08	-22.87	-1
38	64	2.67	9.41	-3.86	11.16	0.92	-65.6	6.53	13.27	0.00	0
	40	5.17	5.02	-3.16	8.25	1.94	-44.3	8.32	8.18	0.00	0
	63	-9.74	8.33	-0.89	8.37	-9.79	-87.2	0.00	8.41	-9.84	0
	39	-6.72	4.07	-0.19	4.08	-6.72	-89.0	0.00	4.08	-6.73	0
39	65	12.88	9.81	-6.60	18.12	4.57	-38.4	19.48	16.41	0.00	0
	41	14.94	5.27	-5.58	17.49	2.72	-24.5	20.52	10.85	0.00	0
	64	2.74	9.42	-4.02	11.30	0.86	-64.9	6.76	13.43	0.00	0
	40	5.28	5.04	-2.99	8.16	2.17	-43.8	8.28	8.03	0.00	0
40	66	20.08	9.90	-8.77	25.13	4.85	-29.9	28.85	18.67	0.00	0
	42	21.76	5.17	-7.85	24.88	2.04	-21.7	29.60	13.02	0.00	0
	65	12.92	9.81	-6.54	18.09	4.64	-38.3	19.47	16.36	0.00	0
	41	14.97	5.27	-5.62	17.55	2.70	-24.6	20.60	10.90	0.00	0
41	67	23.74	9.80	-10.57	29.43	4.11	-28.3	34.31	20.38	0.00	0
	43	25.10	4.80	-9.92	29.14	0.76	-22.2	35.02	14.72	0.00	0
	66	20.09	9.90	-8.63	25.02	4.97	-29.7	28.72	18.53	0.00	0
	42	21.74	5.16	-7.98	24.95	1.95	-22.0	29.71	13.14	0.00	0
42	68	23.42	9.37	-12.19	30.46	2.33	-30.0	35.61	21.56	0.00	0
	44	24.48	3.93	-11.68	29.76	-1.35	-24.3	36.16	15.62	0.00	-1
	67	23.72	9.80	-10.49	29.35	4.18	-28.2	34.21	20.29	0.00	0
	43	25.01	4.79	-9.98	29.11	0.69	-22.3	34.99	14.77	0.00	0
43	69	18.55	8.22	-13.77	28.09	-1.32	-34.7	32.32	21.98	0.00	-2
	45	19.36	1.69	-12.94	26.20	-5.14	-27.8	32.30	14.63	0.00	-6
	68	23.43	9.38	-12.30	30.57	2.24	-30.1	35.73	21.68	0.00	0
	44	24.19	3.89	-11.48	29.36	-1.28	-24.3	35.67	15.37	0.00	-1
44	70	7.94	6.77	-15.46	22.83	-8.12	-43.9	23.40	22.24	-7.53	-8
	46	8.65	-4.94	-13.35	16.83	-13.12	-31.5	21.99	8.41	-4.70	-18
	69	18.87	8.26	-14.12	28.64	-1.51	-34.7	32.98	22.38	0.00	-2
	45	18.50	1.56	-12.00	24.71	-4.66	-27.4	30.49	13.56	0.00	-6

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U2

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
45	71	-3.81	10.68	-10.80	16.44	-9.57	-61.9	6.99	21.48	-14.60	-0
	47	-23.58	-23.79	-7.17	-16.52	-30.85	-44.6	0.00	0.00	-30.74	-30
	70	7.28	6.67	-15.17	22.15	-8.19	-44.4	22.45	21.84	-7.89	-8
	46	10.12	-4.71	-11.54	16.42	-11.01	-28.6	21.66	6.82	-1.41	-16
46	72	-0.71	3.04	-7.79	9.17	-6.84	-51.8	7.08	10.82	-8.49	-4
	48	0.84	-14.48	-6.72	3.37	-17.01	-20.6	3.95	0.00	-5.88	-21
	71	-4.12	10.63	-11.94	17.29	-10.78	-60.9	7.82	22.58	-16.06	-1
	47	-23.01	-23.71	-10.87	-12.48	-34.23	-44.1	0.00	0.00	-33.88	-34
47	74	1.48	10.82	15.97	22.79	-10.49	53.2	17.45	26.79	-14.49	-5
	50	-6.18	2.26	13.58	12.25	-16.18	53.6	7.39	15.83	-19.76	-11
	73	-0.00	12.28	14.00	21.42	-9.15	56.8	14.00	26.28	-14.00	-1
	49	-0.62	-4.10	11.60	9.38	-14.09	40.7	10.98	7.51	-12.22	-15
48	75	7.59	10.37	17.94	26.98	-9.02	47.2	25.54	28.32	-10.35	-7
	51	4.55	1.09	19.75	22.64	-17.00	42.5	24.30	20.83	-15.19	-18
	74	1.40	10.81	14.62	21.46	-9.26	53.9	16.02	25.43	-13.22	-3
	50	-5.88	2.30	16.42	15.13	-18.71	52.0	10.54	18.72	-22.30	-14
49	76	15.82	8.45	17.84	30.35	-6.08	39.2	33.66	26.29	-2.02	-9
	52	16.23	2.82	19.22	29.88	-10.84	35.4	35.45	22.04	-2.99	-16
	75	7.88	10.42	17.82	27.02	-8.72	47.0	25.71	28.24	-9.94	-7
	51	5.21	1.19	19.21	22.51	-16.11	42.0	24.41	20.39	-14.00	-18
50	77	21.64	7.48	17.47	33.41	-4.29	34.0	39.11	24.95	0.00	-6
	53	22.08	4.05	18.11	33.30	-7.17	31.8	40.19	22.17	0.00	-10
	76	15.87	8.46	18.28	30.81	-6.48	39.3	34.15	26.74	-2.41	-9
	52	15.92	2.77	18.92	29.38	-10.68	35.4	34.85	21.69	-3.00	-16
51	78	24.36	6.93	16.94	34.70	-3.41	31.4	41.31	23.87	0.00	-4
	54	24.78	4.63	17.29	34.72	-5.30	29.9	42.07	21.92	0.00	-7
	77	21.61	7.48	17.70	33.60	-4.51	34.1	39.31	25.18	0.00	-7
	53	22.07	4.05	18.04	33.23	-7.10	31.7	40.11	22.09	0.00	-10
52	79	24.14	6.57	16.48	34.03	-3.32	31.0	40.62	23.05	0.00	-4
	55	24.61	4.89	16.50	33.97	-4.47	29.6	41.11	21.39	0.00	-6
	78	24.36	6.93	17.14	34.88	-3.59	31.5	41.50	24.07	0.00	-5
	54	24.81	4.63	17.16	34.63	-5.19	29.8	41.97	21.79	0.00	-7
53	80	21.08	6.41	15.99	31.34	-3.85	32.7	37.07	22.40	0.00	-5
	56	21.79	5.08	15.59	31.13	-4.25	30.9	37.39	20.68	0.00	-6
	79	24.14	6.57	16.71	34.23	-3.52	31.1	40.85	23.28	0.00	-4
	55	24.62	4.89	16.31	33.82	-4.31	29.4	40.94	21.20	0.00	-5
54	81	15.35	6.47	15.20	26.74	-4.93	36.9	30.55	21.67	0.00	-8
	57	16.62	5.29	14.37	26.40	-4.49	34.2	30.99	19.66	0.00	-7
	80	21.08	6.41	16.22	31.55	-4.06	32.8	37.30	22.63	0.00	-6
	56	21.78	5.08	15.40	30.95	-4.08	30.8	37.18	20.48	0.00	-5
55	82	7.17	6.75	13.68	20.64	-6.72	44.6	20.85	20.43	-6.51	-6
	58	9.51	5.41	12.51	20.14	-5.22	40.3	22.02	17.92	-3.00	-7
	81	15.34	6.47	15.40	26.93	-5.12	37.0	30.74	21.87	-0.06	-8
	57	16.58	5.28	14.23	26.24	-4.38	34.2	30.81	19.52	0.00	-6
56	83	-3.09	7.38	10.90	14.23	-9.95	57.8	7.81	18.28	-13.99	-3
	59	0.82	5.01	9.56	12.70	-6.88	51.2	10.38	14.57	-8.74	-4
	82	7.18	6.75	13.83	20.80	-6.87	44.6	21.01	20.58	-6.65	-7
	58	9.46	5.40	12.50	20.09	-5.23	40.4	21.95	17.89	-3.04	-7
57	84	-14.65	8.34	7.15	10.38	-16.69	74.1	0.00	11.83	-20.78	0
	60	-10.65	4.45	5.47	6.22	-12.42	72.0	0.00	7.26	-16.12	-1
	83	-3.15	7.37	11.09	14.38	-10.16	57.7	7.94	18.46	-14.24	-3
	59	0.98	5.03	9.41	12.63	-6.62	51.1	10.39	14.44	-8.43	-4
58	85	-36.63	40.80	19.23	45.31	-41.14	76.8	0.00	50.89	-45.69	0
	61	-37.58	26.86	12.62	29.24	-39.96	79.3	0.00	31.10	-43.51	0
	84	-15.22	33.28	24.16	43.26	-25.20	67.6	8.94	57.44	-32.76	0
	60	-10.98	18.77	17.55	26.90	-19.11	65.1	6.57	36.32	-27.38	0
59	86	-29.05	45.46	11.64	47.24	-30.82	81.3	0.00	50.13	-32.03	0
	62	-24.68	29.32	10.47	31.28	-26.64	79.4	0.00	33.76	-28.42	0
	85	-36.84	40.76	16.72	44.21	-40.29	78.3	0.00	48.35	-43.70	0
	61	-37.93	26.81	15.55	30.35	-41.47	77.2	0.00	33.18	-46.95	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U2

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
60	87	-13.94	11.92	-1.19	11.97	-13.99	-87.4	0.00	12.02	-14.05	0
	63	-9.69	8.35	-0.87	8.39	-9.74	-87.2	0.00	8.42	-9.79	0
	86	-28.36	10.51	3.02	10.74	-28.59	85.6	0.00	10.83	-29.23	0
	62	-24.11	6.17	3.34	6.53	-24.47	83.8	0.00	6.63	-25.91	0
61	88	-0.25	12.74	-4.94	14.40	-1.92	-71.4	4.69	17.68	-2.17	0
	64	2.68	9.44	-4.08	11.36	0.76	-64.8	6.76	13.52	0.00	0
	87	-13.82	11.93	-1.44	12.01	-13.90	-86.8	0.00	12.09	-13.99	0
	63	-9.74	8.34	-0.58	8.36	-9.76	-88.2	0.00	8.37	-9.78	0
62	89	10.91	13.31	-7.54	19.74	4.48	-49.5	18.45	20.85	0.00	0
	65	12.88	9.83	-6.56	18.09	4.62	-38.4	19.45	16.39	0.00	0
	88	-0.20	12.75	-4.96	14.43	-1.88	-71.3	4.76	17.71	-2.13	0
	64	2.75	9.45	-3.98	11.30	0.89	-65.0	6.73	13.43	0.00	0
63	90	18.74	13.85	-9.31	25.92	6.67	-37.6	28.05	23.16	0.00	0
	66	20.08	9.92	-8.61	25.00	5.01	-29.7	28.69	18.53	0.00	0
	89	10.95	13.32	-7.38	19.60	4.66	-49.6	18.33	20.69	0.00	0
	65	12.93	9.84	-6.68	18.23	4.53	-38.5	19.60	16.51	0.00	0
64	91	22.73	14.53	-10.63	30.03	7.24	-34.5	33.36	25.17	0.00	0
	67	23.74	9.85	-10.40	29.30	4.29	-28.1	34.14	20.24	0.00	0
	90	18.76	13.86	-9.05	25.68	6.93	-37.4	27.81	22.91	0.00	0
	66	20.10	9.93	-8.81	25.19	4.84	-30.0	28.91	18.74	0.00	0
65	92	22.60	15.47	-11.82	31.38	6.69	-36.6	34.42	27.29	0.00	0
	68	23.43	9.47	-12.10	30.42	2.49	-30.0	35.53	21.57	0.00	0
	91	22.75	14.54	-10.34	29.77	7.52	-34.2	33.09	24.87	0.00	0
	67	23.73	9.84	-10.61	29.47	4.11	-28.4	34.34	20.45	0.00	0
66	93	18.26	16.96	-12.91	30.54	4.69	-43.6	31.17	29.87	0.00	0
	69	18.60	8.50	-13.73	28.18	-1.08	-34.9	32.33	22.24	0.00	-1
	92	22.64	15.47	-11.47	31.07	7.04	-36.3	34.10	26.94	0.00	0
	68	23.45	9.47	-12.29	30.60	2.32	-30.2	35.74	21.77	0.00	0
67	94	10.50	19.59	-12.89	28.72	1.38	-54.7	23.40	32.48	0.00	0
	70	8.03	7.41	-14.75	22.48	-7.04	-44.4	22.79	22.16	-6.72	-7
	93	18.22	16.96	-12.32	29.93	5.25	-43.5	30.54	29.28	0.00	0
	69	18.91	8.55	-14.18	28.83	-1.37	-35.0	33.09	22.73	0.00	-2
68	95	3.16	20.79	-10.07	25.36	-1.40	-65.6	13.23	30.86	-1.71	0
	71	-4.03	9.23	-12.65	16.88	-11.68	-58.8	8.62	21.87	-16.67	-3
	94	10.20	19.55	-12.87	28.57	1.18	-55.0	23.07	32.42	0.00	0
	70	7.38	7.31	-15.45	22.79	-8.11	-44.9	22.82	22.76	-8.07	-8
69	96	0.02	23.14	-9.78	26.72	-3.56	-69.9	9.80	32.92	-4.11	0
	72	-0.61	3.71	-8.38	10.21	-7.10	-52.2	7.78	12.10	-8.99	-4
	95	3.23	20.80	-11.32	26.34	-2.31	-63.9	14.54	32.12	-2.93	0
	71	-4.34	9.18	-9.92	14.43	-9.59	-62.1	5.58	19.10	-14.26	-0
70	98	4.33	16.46	13.92	25.57	-4.79	56.8	18.24	30.38	-7.44	0
	74	1.61	11.71	14.84	22.34	-9.02	54.4	16.45	26.55	-13.23	-3
	97	0.06	18.66	13.43	25.70	-6.98	62.3	13.49	32.09	-9.61	0
	73	-0.24	10.72	14.36	20.61	-10.13	55.4	14.12	25.08	-14.59	-3
71	99	9.95	14.63	15.11	27.58	-3.00	49.4	25.07	29.74	-5.16	-0
	75	7.54	10.04	17.39	26.23	-8.64	47.1	24.93	27.43	-9.85	-7
	98	4.26	16.45	13.49	25.16	-4.45	57.2	17.75	29.94	-6.80	0
	74	1.53	11.70	15.76	23.17	-9.95	53.9	17.29	27.46	-14.23	-4
72	100	16.44	12.22	15.56	30.03	-1.38	41.1	32.00	27.78	0.00	-2
	76	15.83	8.48	18.25	30.77	-6.46	39.3	34.08	26.74	-2.43	-9
	99	10.06	14.64	14.87	27.40	-2.70	49.4	24.93	29.52	-4.82	-0
	75	7.83	10.09	17.56	26.56	-8.64	46.8	25.40	27.65	-9.73	-7
73	101	21.70	10.08	15.74	32.67	-0.88	34.9	37.44	25.82	0.00	-1
	77	21.66	7.55	17.79	33.74	-4.53	34.2	39.45	25.35	0.00	-7
	100	16.53	12.23	15.84	30.37	-1.61	41.1	32.37	28.07	0.00	-2
	76	15.87	8.49	17.90	30.46	-6.09	39.2	33.77	26.39	-2.02	-9
74	102	24.40	8.52	15.92	34.25	-1.33	31.7	40.32	24.43	0.00	-1
	78	24.37	6.98	17.20	34.95	-3.61	31.6	41.58	24.18	0.00	-5
	101	21.71	10.09	16.13	33.05	-1.25	35.1	37.84	26.22	0.00	-1
	77	21.62	7.55	17.42	33.37	-4.20	34.0	39.04	24.97	0.00	-6

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U2

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
75	103	24.15	7.43	16.14	33.96	-2.39	31.3	40.29	23.57	0.00	-3
	79	24.14	6.60	16.74	34.27	-3.53	31.2	40.88	23.34	0.00	-5
	102	24.39	8.51	16.28	34.57	-1.66	32.0	40.67	24.79	0.00	-2
	78	24.37	6.97	16.88	34.66	-3.32	31.4	41.25	23.86	0.00	-4
76	104	20.85	6.73	16.30	31.56	-3.97	33.3	37.15	23.04	0.00	-6
	80	21.08	6.43	16.26	31.60	-4.08	32.9	37.35	22.70	0.00	-6
	103	24.14	7.43	16.48	34.26	-2.69	31.6	40.62	23.91	0.00	-3
	79	24.14	6.60	16.44	34.00	-3.26	31.0	40.58	23.04	0.00	-4
77	105	14.50	6.43	16.16	27.12	-6.19	38.0	30.66	22.59	-1.66	-9
	81	15.35	6.51	15.47	27.02	-5.16	37.0	30.82	21.98	-0.12	-8
	104	20.86	6.73	16.64	31.88	-4.28	33.5	37.50	23.38	0.00	-6
	80	21.08	6.43	15.95	31.31	-3.80	32.7	37.04	22.39	0.00	-5
78	106	5.16	6.66	15.31	21.23	-9.41	46.4	20.47	21.96	-10.14	-8
	82	7.19	6.84	13.92	20.94	-6.91	44.6	21.11	20.76	-6.74	-7
	105	14.52	6.44	16.53	27.49	-6.54	38.1	31.05	22.97	-2.01	-10
	81	15.35	6.51	15.15	26.71	-4.85	36.9	30.50	21.66	0.00	-8
79	107	-6.73	7.59	13.23	15.47	-14.62	59.2	6.50	20.82	-19.96	-5
	83	-3.09	7.39	11.14	14.46	-10.16	57.6	8.05	18.52	-14.23	-3
	106	5.15	6.66	15.70	21.62	-9.81	46.4	20.85	22.36	-10.55	-9
	82	7.19	6.84	13.61	20.63	-6.60	44.6	20.80	20.45	-6.42	-6
80	108	-19.49	8.80	9.66	11.79	-22.47	72.8	0.00	13.59	-29.14	-0
	84	-14.66	8.27	7.16	10.32	-16.71	74.0	0.00	11.76	-20.86	0
	107	-6.88	7.57	13.42	15.59	-14.90	59.1	6.54	20.99	-20.30	-5
	83	-3.15	7.38	10.93	14.24	-10.01	57.9	7.78	18.30	-14.08	-3
81	109	-42.73	45.23	23.76	51.24	-48.74	75.8	0.00	58.44	-55.21	0
	85	-36.59	41.04	17.01	44.61	-40.16	78.2	0.00	48.95	-43.64	0
	108	-20.08	36.57	31.66	50.73	-34.24	65.9	11.58	68.23	-47.50	0
	84	-15.25	33.04	24.92	43.59	-25.81	67.0	9.67	57.96	-34.05	0
82	110	-35.58	50.87	12.33	52.59	-37.30	82.0	0.00	55.14	-38.57	0
	86	-29.10	45.10	10.15	46.47	-30.47	82.3	0.00	48.64	-31.39	0
	109	-42.91	45.21	21.51	50.18	-47.88	77.0	0.00	55.99	-53.14	0
	85	-36.80	41.01	19.34	45.55	-41.34	76.8	0.00	51.17	-45.92	0
83	111	-18.92	13.14	-2.13	13.28	-19.06	-86.2	0.00	13.38	-19.27	0
	87	-13.93	11.93	-1.56	12.03	-14.03	-86.6	0.00	12.11	-14.14	0
	110	-34.91	11.42	3.02	11.61	-35.10	86.3	0.00	11.68	-35.71	0
	86	-28.38	10.40	3.59	10.73	-28.71	84.8	0.00	10.85	-29.61	0
84	112	-3.37	14.19	-6.06	16.08	-5.26	-72.7	2.69	20.25	-5.96	0
	88	-0.25	12.79	-4.98	14.48	-1.93	-71.3	4.74	17.77	-2.19	0
	111	-18.75	13.17	-2.39	13.35	-18.92	-85.7	0.00	13.47	-19.18	0
	87	-13.82	11.95	-1.31	12.02	-13.88	-87.1	0.00	12.08	-13.96	0
85	113	9.20	15.19	-8.25	20.97	3.43	-55.0	17.45	23.44	0.00	0
	89	10.92	13.34	-7.38	19.61	4.65	-49.7	18.29	20.72	0.00	0
	112	-3.31	14.20	-5.94	16.02	-5.13	-72.9	2.63	20.13	-5.79	0
	88	-0.19	12.80	-5.07	14.54	-1.93	-71.0	4.88	17.86	-2.20	0
86	114	17.91	16.40	-9.34	26.53	7.78	-42.7	27.25	25.74	0.00	0
	90	18.74	13.89	-9.02	25.66	6.97	-37.5	27.77	22.91	0.00	0
	113	9.24	15.20	-7.95	20.71	3.73	-55.3	17.19	23.15	0.00	0
	89	10.95	13.35	-7.63	19.88	4.43	-49.5	18.58	20.98	0.00	0
87	115	22.38	17.98	-9.84	30.27	10.09	-38.7	32.22	27.83	0.00	0
	91	22.74	14.59	-10.28	29.73	7.60	-34.2	33.02	24.87	0.00	0
	114	17.94	16.40	-8.94	26.14	8.19	-42.5	26.88	25.34	0.00	0
	90	18.76	13.89	-9.38	26.02	6.64	-37.7	28.15	23.28	0.00	0
88	116	22.56	20.15	-10.06	31.49	11.22	-41.6	32.63	30.21	0.00	0
	92	22.61	15.54	-11.42	31.03	7.13	-36.4	34.03	26.96	0.00	0
	115	22.39	17.99	-9.36	29.81	10.57	-38.4	31.76	27.35	0.00	0
	91	22.76	14.59	-10.72	30.14	7.21	-34.6	33.47	25.31	0.00	0
89	117	18.91	23.01	-9.99	31.15	10.76	-50.8	28.89	33.00	0.00	0
	93	18.27	16.99	-12.38	30.03	5.23	-43.5	30.65	29.38	0.00	0
	116	22.55	20.14	-9.53	30.95	11.74	-41.4	32.08	29.68	0.00	0
	92	22.65	15.55	-11.93	31.54	6.65	-36.7	34.57	27.48	0.00	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U2

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
90	118	12.71	26.26	-9.18	30.89	8.08	-63.2	21.90	35.44	0.00	0
	94	10.45	19.25	-12.49	28.10	1.61	-54.7	22.94	31.74	0.00	0
	117	18.81	22.99	-9.57	30.70	11.10	-51.2	28.38	32.57	0.00	0
	93	18.22	16.99	-12.88	30.50	4.71	-43.6	31.10	29.87	0.00	0
91	119	6.08	28.97	-7.97	31.47	3.58	-72.6	14.05	36.94	0.00	0
	95	3.29	21.67	-11.10	26.89	-1.93	-64.8	14.39	32.77	-2.39	0
	118	12.60	26.24	-9.31	30.96	7.88	-63.1	21.91	35.55	0.00	0
	94	10.15	19.21	-12.44	27.92	1.44	-55.0	22.59	31.65	0.00	0
92	120	0.08	32.14	-8.13	34.09	-1.86	-76.5	8.22	40.28	-1.98	0
	96	-0.22	21.57	-10.09	25.53	-4.17	-68.6	9.87	31.66	-4.93	0
	119	6.14	28.98	-8.31	31.68	3.44	-72.0	14.45	37.29	0.00	0
	95	3.36	21.68	-10.26	26.28	-1.23	-65.9	13.62	31.94	-1.50	0
93	122	5.37	18.33	11.42	24.98	-1.27	59.8	16.79	29.75	-1.74	0
	98	4.37	16.74	13.64	25.53	-4.42	57.2	18.01	30.38	-6.75	0
	121	0.03	20.64	11.22	25.58	-4.90	66.3	11.26	31.87	-6.07	0
	97	-0.03	18.08	13.45	25.24	-7.19	62.0	13.42	31.52	-10.03	0
94	123	11.22	15.96	12.04	25.86	1.32	50.6	23.26	28.00	0.00	0
	99	9.95	14.60	14.75	27.20	-2.65	49.5	24.69	29.34	-4.80	-0
	122	5.31	18.32	11.24	24.80	-1.16	60.0	16.55	29.56	-1.58	0
	98	4.30	16.73	13.94	25.78	-4.75	57.0	18.24	30.67	-7.32	0
95	124	17.39	13.31	12.67	28.19	2.51	40.4	30.07	25.99	0.00	0
	100	16.43	12.17	15.70	30.15	-1.55	41.1	32.14	27.88	0.00	-2
	123	11.28	15.97	11.88	25.74	1.51	50.6	23.17	27.85	0.00	0
	99	10.05	14.61	14.91	27.42	-2.76	49.3	24.97	29.53	-4.86	-0
96	125	22.45	10.84	13.46	31.30	1.98	33.3	35.91	24.30	0.00	0
	101	21.70	10.09	16.12	33.03	-1.24	35.1	37.82	26.20	0.00	-1
	124	17.47	13.32	12.85	28.41	2.38	40.4	30.31	26.17	0.00	0
	100	16.52	12.19	15.50	30.01	-1.30	41.0	32.03	27.69	0.00	-2
97	126	25.11	8.81	14.40	33.50	0.42	30.2	39.51	23.21	0.00	0
	102	24.40	8.53	16.30	34.60	-1.67	32.0	40.71	24.83	0.00	-2
	125	22.47	10.84	13.83	31.66	1.65	33.6	36.30	24.67	0.00	0
	101	21.71	10.09	15.73	32.68	-0.87	34.9	37.45	25.82	0.00	-1
98	127	24.79	7.22	15.37	33.70	-1.69	30.1	40.16	22.59	0.00	-2
	103	24.15	7.44	16.50	34.28	-2.70	31.6	40.64	23.93	0.00	-3
	126	25.10	8.81	14.78	33.84	0.08	30.6	39.89	23.60	0.00	0
	102	24.40	8.53	15.91	34.24	-1.32	31.8	40.31	24.44	0.00	-1
99	128	21.26	5.95	16.24	31.56	-4.35	32.4	37.50	22.20	0.00	-6
	104	20.85	6.74	16.65	31.88	-4.29	33.5	37.50	23.39	0.00	-6
	127	24.78	7.22	15.72	34.01	-2.01	30.4	40.51	22.94	0.00	-2
	103	24.14	7.44	16.13	33.96	-2.37	31.3	40.28	23.57	0.00	-3
100	129	14.35	4.99	16.86	27.16	-7.83	37.2	31.21	21.84	-2.51	-11
	105	14.50	6.45	16.54	27.50	-6.54	38.2	31.04	22.99	-2.04	-10
	128	21.26	5.95	16.60	31.89	-4.67	32.6	37.86	22.56	0.00	-7
	104	20.86	6.74	16.28	31.55	-3.95	33.3	37.14	23.02	0.00	-5

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U3

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
1	26	-20.61	-21.86	8.12	-13.09	-29.37	42.8	0.00	0.00	-28.73	-29
	2	-15.74	0.48	7.92	3.71	-18.97	67.8	0.00	4.47	-23.67	-7
	25	0.47	-16.35	7.59	3.39	-19.26	21.0	4.00	0.00	-7.12	-23
	1	0.21	0.08	7.40	7.54	-7.25	44.7	7.61	7.48	-7.19	-7
2	27	5.37	-6.65	13.74	14.36	-15.63	33.2	19.11	7.09	-8.36	-20
	3	-2.43	-0.60	10.16	8.68	-11.71	47.6	7.73	9.56	-12.59	-10
	26	-21.13	-21.93	11.23	-10.30	-32.77	44.0	0.00	0.00	-32.36	-33
	2	-14.81	0.62	7.65	3.77	-17.96	67.6	0.00	4.57	-22.46	-7
3	28	12.38	-1.00	15.04	22.15	-10.77	33.0	27.42	14.04	-2.67	-16
	4	12.46	0.00	13.75	21.33	-8.87	32.8	26.21	13.75	-1.29	-13
	27	4.19	-6.83	12.00	11.89	-14.52	32.7	16.19	5.18	-7.81	-18
	3	-1.79	-0.50	10.71	9.59	-11.87	46.7	8.93	10.21	-12.50	-11
4	29	18.07	1.01	14.68	26.52	-7.44	29.9	32.75	15.69	0.00	-10
	5	18.64	0.06	14.56	26.62	-7.92	28.7	33.20	14.62	0.00	-11
	28	13.10	-0.89	14.15	21.89	-9.68	31.9	27.25	13.26	-1.05	-15
	4	11.26	-0.18	14.03	20.69	-9.61	33.9	25.29	13.85	-2.77	-14
5	30	20.62	1.78	14.07	28.13	-5.73	28.1	34.69	15.85	0.00	-7
	6	21.37	0.05	14.08	28.38	-6.95	26.4	35.46	14.13	0.00	-9
	29	18.31	1.04	14.53	26.58	-7.22	29.6	32.84	15.57	0.00	-10
	5	18.18	-0.01	14.54	26.24	-8.06	29.0	32.73	14.53	0.00	-11
6	31	20.61	2.13	13.26	27.53	-4.79	27.6	33.87	15.39	0.00	-6
	7	21.50	0.05	13.12	27.72	-6.17	25.4	34.62	13.17	0.00	-7
	30	20.70	1.80	14.12	28.24	-5.74	28.1	34.81	15.91	0.00	-7
	6	21.20	0.02	13.97	28.14	-6.92	26.4	35.17	14.00	0.00	-9
7	32	18.43	2.34	12.29	25.08	-4.30	28.4	30.72	14.64	0.00	-5
	8	19.46	0.04	11.93	25.13	-5.63	25.4	31.39	11.97	0.00	-7
	31	20.64	2.13	13.36	27.64	-4.87	27.7	34.00	15.50	0.00	-6
	7	21.41	0.04	13.00	27.55	-6.10	25.3	34.41	13.03	0.00	-7
8	33	14.45	2.52	11.15	21.12	-4.16	30.9	25.59	13.67	0.00	-6
	9	15.64	0.03	10.57	20.98	-5.30	26.8	26.21	10.60	0.00	-7
	32	18.44	2.35	12.40	25.17	-4.39	28.5	30.84	14.74	0.00	-5
	8	19.39	0.03	11.82	24.99	-5.56	25.3	31.21	11.85	0.00	-7
9	34	9.09	2.57	9.76	16.12	-4.46	35.8	18.85	12.33	-0.67	-7
	10	10.49	0.00	9.06	15.71	-5.23	30.0	19.55	9.07	0.00	-7
	33	14.43	2.52	11.20	21.15	-4.21	31.0	25.62	13.71	0.00	-6
	9	15.58	0.02	10.50	20.87	-5.27	26.7	26.08	10.52	0.00	-7
10	35	3.03	2.19	7.96	10.58	-5.36	43.5	10.99	10.15	-4.93	-5
	11	4.81	-0.15	7.43	10.16	-5.50	35.8	12.24	7.28	-2.61	-7
	34	9.03	2.56	9.66	15.98	-4.39	35.7	18.69	12.22	-0.63	-7
	10	10.41	-0.01	9.12	15.71	-5.30	30.1	19.54	9.12	0.00	-8
11	36	-3.93	0.37	3.94	2.71	-6.26	59.3	0.01	4.31	-7.86	-3
	12	3.32	0.43	3.92	6.05	-2.30	34.9	7.24	4.36	-0.61	-3
	35	3.20	2.21	7.60	10.32	-4.91	43.1	10.80	9.81	-4.40	-5
	11	4.02	-0.27	7.59	9.76	-6.00	37.1	11.61	7.32	-3.56	-7
12	37	-39.58	-7.68	7.04	-6.20	-41.07	78.1	0.00	0.00	-46.62	-14
	13	-32.61	0.28	6.92	1.67	-34.01	78.6	0.00	1.75	-39.54	-6
	36	-2.80	2.81	13.21	13.51	-13.50	51.0	10.40	16.02	-16.01	-10
	12	0.43	-0.15	13.09	13.23	-12.95	44.4	13.52	12.94	-12.66	-13
13	38	-16.38	10.90	6.31	12.28	-17.77	77.6	0.00	13.33	-20.03	0
	14	-19.43	-0.00	2.59	0.34	-19.77	82.5	0.00	0.34	-22.02	-2
	37	-39.95	-7.74	10.18	-4.79	-42.90	73.9	0.00	0.00	-50.13	-17
	13	-31.36	0.46	6.46	1.73	-32.63	79.0	0.00	1.79	-37.82	-6
14	39	-6.45	3.26	-0.09	3.26	-6.45	-89.5	0.00	3.26	-6.46	0
	15	-4.33	0.18	-0.19	0.19	-4.34	-87.6	0.00	0.19	-4.52	-0
	38	-17.25	1.37	1.14	1.44	-17.32	86.5	0.00	1.44	-18.20	0
	14	-17.47	-1.76	1.04	-1.69	-17.54	86.2	0.00	0.00	-18.51	-2

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U3

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
15	40	3.71	4.20	-2.55	6.52	1.39	-47.8	6.26	6.75	0.00	0
	16	5.69	-0.01	-1.56	6.09	-0.41	-14.4	7.26	1.56	0.00	-0
	39	-6.16	3.31	-0.58	3.34	-6.19	-86.5	0.00	3.36	-6.26	0
	15	-4.72	0.12	0.41	0.16	-4.75	85.2	0.00	0.16	-5.13	-0
16	41	11.82	4.34	-4.74	14.12	2.05	-25.9	16.57	9.08	0.00	0
	17	13.64	0.04	-3.78	14.61	-0.93	-14.5	17.41	3.82	0.00	-1
	40	3.80	4.22	-2.61	6.63	1.39	-47.3	6.42	6.83	0.00	0
	16	5.60	-0.02	-1.65	6.05	-0.47	-15.2	7.25	1.63	0.00	-0
17	42	17.51	4.25	-6.68	20.30	1.47	-22.6	24.20	10.93	0.00	0
	18	19.09	0.05	-5.91	20.78	-1.64	-15.9	25.00	5.96	0.00	-1
	41	11.85	4.35	-4.66	14.08	2.12	-25.6	16.51	9.00	0.00	0
	17	13.66	0.05	-3.89	14.69	-0.98	-14.9	17.55	3.94	0.00	-1
18	43	20.34	3.95	-8.35	23.85	0.44	-22.8	28.69	12.30	0.00	0
	19	21.59	0.04	-7.87	24.16	-2.53	-18.1	29.46	7.92	0.00	-2
	42	17.50	4.24	-6.55	20.19	1.55	-22.3	24.05	10.80	0.00	0
	18	19.18	0.06	-6.07	20.94	-1.71	-16.2	25.25	6.13	0.00	-1
19	44	19.89	3.24	-9.64	24.30	-1.17	-24.6	29.53	12.88	0.00	-1
	20	20.50	0.01	-9.42	24.17	-3.66	-21.3	29.92	9.43	0.00	-4
	43	20.27	3.93	-8.25	23.71	0.49	-22.7	28.52	12.19	0.00	0
	19	21.77	0.07	-8.04	24.42	-2.58	-18.3	29.81	8.11	0.00	-2
20	45	15.75	1.41	-10.11	20.97	-3.82	-27.3	25.86	11.52	0.00	-5
	21	14.66	-0.15	-9.90	19.61	-5.11	-26.6	24.55	9.75	0.00	-6
	44	19.66	3.21	-9.72	24.17	-1.30	-24.9	29.38	12.93	0.00	-1
	20	20.95	0.08	-9.50	24.63	-3.60	-21.2	30.46	9.58	0.00	-4
21	46	6.95	-4.32	-8.84	11.80	-9.17	-28.7	15.80	4.52	-1.89	-13
	22	1.78	-0.47	-7.62	8.36	-7.05	-40.8	9.41	7.15	-5.84	-8
	45	15.03	1.30	-10.91	21.06	-4.72	-28.9	25.95	12.22	0.00	-6
	21	15.83	0.03	-9.69	20.44	-4.58	-25.4	25.53	9.72	0.00	-5
22	47	-19.30	-19.08	-8.99	-10.20	-28.18	-45.3	0.00	0.00	-28.29	-28
	23	-12.11	0.72	-5.71	2.90	-14.28	-69.2	0.00	3.42	-17.82	-4
	46	8.16	-4.14	-10.46	14.14	-10.12	-29.8	18.62	6.32	-2.30	-14
	22	1.10	-0.58	-7.18	7.49	-6.97	-41.7	8.28	6.60	-6.08	-7
23	48	0.59	-12.57	-5.88	2.83	-14.81	-20.9	3.34	0.00	-5.29	-18
	24	-0.14	-0.21	-6.23	6.06	-6.40	-44.9	6.09	6.03	-6.37	-6
	47	-18.83	-19.01	-5.70	-13.22	-24.62	-44.5	0.00	0.00	-24.53	-24
	23	-12.89	0.60	-6.05	2.92	-15.21	-69.1	0.00	3.44	-18.95	-5
24	50	-4.93	2.89	12.95	12.51	-14.55	53.4	8.03	15.84	-17.88	-10
	26	-20.68	-22.34	11.21	-10.27	-32.75	42.9	0.00	0.00	-31.89	-33
	49	-0.59	-4.03	9.01	6.87	-11.48	39.6	8.43	4.99	-9.60	-13
	25	0.59	-15.59	7.27	3.38	-18.38	21.0	3.98	0.00	-6.68	-22
25	51	3.59	0.26	16.19	18.20	-14.35	42.1	19.78	16.45	-12.60	-15
	27	5.41	-6.41	12.67	13.48	-14.47	32.5	18.07	6.26	-7.26	-19
	50	-4.67	2.93	11.88	11.60	-13.35	53.9	7.21	14.81	-16.56	-8
	26	-21.20	-22.42	8.36	-13.43	-30.19	42.9	0.00	0.00	-29.56	-30
26	52	13.18	1.97	15.95	24.49	-9.33	35.3	29.13	17.92	-2.77	-13
	28	12.37	-1.06	13.96	21.14	-9.83	32.2	26.33	12.90	-1.59	-15
	51	4.13	0.34	16.29	18.63	-14.16	41.7	20.42	16.63	-12.16	-15
	27	4.23	-6.58	14.30	14.11	-16.46	34.6	18.52	7.71	-10.07	-20
27	53	17.98	3.15	15.12	27.40	-6.27	31.9	33.09	18.27	0.00	-9
	29	18.06	0.97	14.41	26.26	-7.24	29.7	32.47	15.37	0.00	-10
	52	12.93	1.94	15.55	23.93	-9.06	35.3	28.48	17.48	-2.62	-13
	28	13.09	-0.95	14.84	22.49	-10.35	32.3	27.93	13.89	-1.75	-15
28	54	20.18	3.68	14.33	28.47	-4.61	30.0	34.51	18.01	0.00	-6
	30	20.61	1.76	14.07	28.12	-5.74	28.1	34.68	15.83	0.00	-7
	53	17.97	3.15	14.93	27.23	-6.11	31.8	32.90	18.08	0.00	-9
	29	18.30	1.00	14.66	26.68	-7.37	29.7	32.96	15.67	0.00	-10
29	55	20.00	3.91	13.63	27.78	-3.87	29.7	33.63	17.54	0.00	-5
	31	20.61	2.13	13.35	27.61	-4.87	27.7	33.96	15.48	0.00	-6
	54	20.20	3.68	14.34	28.49	-4.61	30.0	34.54	18.02	0.00	-6
	30	20.70	1.78	14.07	28.19	-5.72	28.0	34.77	15.85	0.00	-7

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U3

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
30	56	17.63	4.08	12.88	25.41	-3.69	31.1	30.51	16.96	0.00	-5
	32	18.43	2.35	12.41	25.18	-4.40	28.5	30.84	14.76	0.00	-6
	55	20.01	3.91	13.73	27.88	-3.95	29.8	33.74	17.64	0.00	-5
	31	20.64	2.13	13.26	27.55	-4.79	27.5	33.90	15.39	0.00	-6
31	57	13.32	4.26	11.92	21.54	-3.97	34.6	25.24	16.19	0.00	-6
	33	14.45	2.52	11.23	21.20	-4.24	31.0	25.68	13.75	0.00	-6
	56	17.62	4.08	13.00	25.51	-3.80	31.2	30.62	17.08	0.00	-5
	32	18.44	2.35	12.30	25.10	-4.31	28.4	30.74	14.65	0.00	-5
32	58	7.40	4.34	10.51	16.49	-4.75	40.9	17.91	14.86	-3.12	-6
	34	9.09	2.56	9.72	16.08	-4.43	35.7	18.82	12.28	-0.63	-7
	57	13.28	4.26	11.98	21.57	-4.03	34.7	25.26	16.23	0.00	-6
	33	14.43	2.51	11.19	21.14	-4.21	31.0	25.61	13.70	0.00	-6
33	59	0.18	4.00	8.20	10.51	-6.33	51.6	8.38	12.20	-8.02	-4
	35	3.03	2.17	7.65	10.26	-5.06	43.4	10.68	9.82	-4.62	-5
	58	7.35	4.34	10.40	16.35	-4.66	40.9	17.75	14.74	-3.05	-6
	34	9.03	2.55	9.85	16.16	-4.58	35.9	18.88	12.40	-0.83	-7
34	60	-9.35	3.35	4.12	4.57	-10.57	73.5	0.00	5.17	-13.47	-0
	36	-3.91	0.51	4.05	2.91	-6.31	59.3	0.14	4.56	-7.95	-3
	59	0.31	4.02	8.04	10.42	-6.09	51.5	8.36	12.07	-7.73	-4
	35	3.20	2.19	7.97	10.69	-5.29	43.2	11.17	10.17	-4.77	-5
35	61	-31.43	23.55	11.85	25.99	-33.87	78.3	0.00	28.01	-37.38	0
	37	-39.63	-8.00	9.97	-5.12	-42.51	73.9	0.00	0.00	-49.60	-17
	60	-9.72	14.59	15.24	21.93	-17.06	64.3	5.53	29.83	-24.96	-0
	36	-2.73	3.29	13.37	13.99	-13.42	51.3	10.64	16.66	-16.10	-10
36	62	-21.23	23.38	9.13	25.18	-23.03	78.9	0.00	27.31	-24.80	0
	38	-16.37	10.97	5.14	11.91	-17.30	79.7	0.00	12.59	-18.77	0
	61	-31.72	23.50	11.21	25.69	-33.91	79.0	0.00	27.47	-37.07	0
	37	-40.00	-8.05	7.21	-6.50	-41.55	77.8	0.00	0.00	-47.21	-15
37	63	-8.67	6.86	-0.41	6.87	-8.68	-88.5	0.00	6.88	-8.69	0
	39	-6.45	3.32	-0.67	3.36	-6.49	-86.1	0.00	3.38	-6.58	0
	62	-20.65	4.77	2.49	5.02	-20.89	84.5	0.00	5.07	-21.95	0
	38	-17.24	1.39	2.23	1.66	-17.51	83.3	0.00	1.68	-19.47	-0
38	64	1.62	7.75	-3.31	9.19	0.18	-66.4	4.93	11.05	0.00	0
	40	3.70	4.14	-2.72	6.64	1.19	-47.3	6.41	6.86	0.00	0
	63	-8.70	6.86	-0.83	6.90	-8.75	-87.0	0.00	6.94	-8.80	0
	39	-6.15	3.36	-0.24	3.37	-6.16	-88.5	0.00	3.37	-6.17	0
39	65	10.13	8.06	-5.58	14.77	3.42	-39.8	15.70	13.64	0.00	0
	41	11.82	4.34	-4.71	14.10	2.06	-25.8	16.54	9.05	0.00	0
	64	1.68	7.75	-3.44	9.31	0.12	-65.7	5.12	11.19	0.00	0
	40	3.79	4.16	-2.58	6.56	1.39	-47.0	6.37	6.73	0.00	0
40	66	16.15	8.12	-7.36	20.52	3.75	-30.7	23.51	15.48	0.00	0
	42	17.51	4.24	-6.58	20.22	1.53	-22.4	24.09	10.82	0.00	0
	65	10.16	8.07	-5.53	14.75	3.48	-39.6	15.69	13.60	0.00	0
	41	11.85	4.34	-4.75	14.15	2.04	-25.8	16.60	9.09	0.00	0
41	67	19.24	8.03	-8.82	24.09	3.18	-28.8	28.06	16.85	0.00	0
	43	20.34	3.93	-8.26	23.78	0.49	-22.6	28.60	12.19	0.00	0
	66	16.16	8.12	-7.24	20.42	3.86	-30.5	23.40	15.37	0.00	0
	42	17.50	4.24	-6.68	20.28	1.45	-22.6	24.18	10.92	0.00	0
42	68	19.04	7.66	-10.13	24.97	1.74	-30.3	29.17	17.79	0.00	0
	44	19.89	3.21	-9.70	24.34	-1.24	-24.6	29.58	12.90	0.00	-1
	67	19.23	8.03	-8.75	24.02	3.24	-28.7	27.98	16.78	0.00	0
	43	20.26	3.92	-8.32	23.75	0.43	-22.8	28.58	12.24	0.00	0
43	69	15.10	6.70	-11.40	23.05	-1.25	-34.9	26.50	18.10	0.00	-1
	45	15.74	1.36	-10.71	21.45	-4.35	-28.1	26.44	12.07	0.00	-5
	68	19.05	7.66	-10.22	25.06	1.66	-30.4	29.27	17.88	0.00	0
	44	19.65	3.17	-9.53	24.01	-1.18	-24.6	29.18	12.70	0.00	-1
44	70	6.43	5.50	-12.76	18.74	-6.80	-44.0	19.20	18.27	-6.33	-7
	46	6.99	-4.08	-11.02	13.79	-10.87	-31.7	18.01	6.94	-4.03	-15
	69	15.36	6.74	-11.68	23.50	-1.40	-34.9	27.04	18.42	0.00	-2
	45	15.03	1.25	-9.93	20.23	-3.95	-27.6	24.96	11.19	0.00	-5

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U3

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
45	71	-3.16	8.69	-8.93	13.48	-7.95	-61.8	5.77	17.62	-12.08	-0
	47	-19.36	-19.53	-5.94	-13.51	-25.38	-44.6	0.00	0.00	-25.30	-25
	70	5.90	5.42	-12.52	18.19	-6.87	-44.5	18.42	17.95	-6.63	-7
	46	8.20	-3.89	-9.53	13.44	-9.14	-28.8	17.73	5.64	-1.33	-13
46	72	-0.58	2.41	-6.45	7.54	-5.71	-51.5	5.87	8.86	-7.03	-4
	48	0.68	-11.93	-5.55	2.78	-14.03	-20.7	3.27	0.00	-4.87	-17
	71	-3.42	8.65	-9.87	14.18	-8.95	-60.7	6.45	18.52	-13.28	-1
	47	-18.90	-19.46	-8.96	-10.21	-28.15	-44.1	0.00	0.00	-27.86	-28
47	74	1.19	8.71	13.18	18.66	-8.76	53.0	14.37	21.89	-11.99	-4
	50	-5.10	1.73	11.21	10.03	-13.40	53.5	6.11	12.93	-16.31	-9
	73	-0.00	9.89	11.56	17.52	-7.63	56.6	11.56	21.45	-11.56	-1
	49	-0.51	-3.50	9.58	7.69	-11.70	40.6	9.07	6.08	-10.09	-13
48	75	6.18	8.35	14.82	22.12	-7.59	47.1	21.00	23.17	-8.64	-6
	51	3.67	0.78	16.28	18.57	-14.12	42.5	19.95	17.06	-12.61	-15
	74	1.12	8.70	12.07	17.56	-7.75	53.7	13.20	20.77	-10.95	-3
	50	-4.85	1.76	13.54	12.39	-15.48	51.9	8.69	15.30	-18.39	-11
49	76	12.91	6.79	14.76	24.92	-5.22	39.1	27.67	21.54	-1.84	-7
	52	13.22	2.21	15.88	24.52	-9.09	35.4	29.10	18.09	-2.66	-13
	75	6.42	8.39	14.72	22.15	-7.35	46.9	21.14	23.10	-8.30	-6
	51	4.21	0.86	15.84	18.46	-13.39	42.0	20.05	16.70	-11.63	-14
50	77	17.67	6.00	14.48	27.45	-3.78	34.0	32.15	20.48	0.00	-5
	53	17.99	3.23	15.00	27.33	-6.11	31.9	32.99	18.23	0.00	-9
	76	12.95	6.79	15.11	25.30	-5.55	39.2	28.06	21.91	-2.16	-8
	52	12.97	2.17	15.63	24.11	-8.97	35.5	28.60	17.80	-2.66	-13
51	78	19.87	5.55	14.08	28.51	-3.09	31.5	33.95	19.64	0.00	-4
	54	20.18	3.71	14.36	28.50	-4.61	30.1	34.54	18.06	0.00	-6
	77	17.64	6.00	14.67	27.60	-3.96	34.2	32.31	20.67	0.00	-6
	53	17.99	3.23	14.94	27.27	-6.06	31.9	32.93	18.17	0.00	-9
52	79	19.64	5.27	13.74	27.96	-3.05	31.2	33.38	19.00	0.00	-4
	55	20.00	3.93	13.74	27.88	-3.95	29.8	33.74	17.67	0.00	-5
	78	19.87	5.55	14.25	28.66	-3.24	31.7	34.12	19.80	0.00	-4
	54	20.20	3.71	14.25	28.42	-4.51	30.0	34.46	17.96	0.00	-6
53	80	17.07	5.14	13.37	25.74	-3.53	33.0	30.44	18.51	0.00	-5
	56	17.63	4.10	13.02	25.54	-3.81	31.3	30.66	17.12	0.00	-5
	79	19.64	5.27	13.93	28.13	-3.22	31.3	33.57	19.19	0.00	-4
	55	20.01	3.93	13.59	27.76	-3.82	29.7	33.60	17.52	0.00	-5
54	81	12.28	5.20	12.74	21.96	-4.48	37.2	25.02	17.94	-0.46	-7
	57	13.32	4.28	12.04	21.66	-4.06	34.7	25.36	16.32	0.00	-6
	80	17.07	5.14	13.56	25.92	-3.71	33.1	30.63	18.70	0.00	-5
	56	17.63	4.10	12.86	25.39	-3.67	31.1	30.49	16.96	0.00	-5
55	82	5.46	5.44	11.49	16.95	-6.04	45.0	16.96	16.94	-6.03	-6
	58	7.40	4.39	10.51	16.52	-4.72	40.9	17.91	14.90	-3.11	-6
	81	12.28	5.20	12.91	22.12	-4.64	37.3	25.18	18.11	-0.63	-7
	57	13.29	4.28	11.92	21.53	-3.96	34.7	25.21	16.20	0.00	-6
56	83	-3.09	5.98	9.18	11.68	-8.79	58.2	6.08	15.16	-12.27	-3
	59	0.19	4.08	8.05	10.42	-6.15	51.8	8.24	12.13	-7.86	-3
	82	5.47	5.45	11.62	17.08	-6.16	45.0	17.09	17.07	-6.15	-6
	58	7.36	4.39	10.50	16.48	-4.73	41.0	17.86	14.88	-3.14	-6
57	84	-12.71	6.79	6.01	8.49	-14.42	74.2	0.00	9.63	-18.04	0
	60	-9.31	3.63	4.61	5.11	-10.78	72.3	0.00	5.92	-13.91	-0
	83	-3.14	5.97	9.33	11.80	-8.97	58.0	6.19	15.30	-12.47	-3
	59	0.33	4.10	7.93	10.36	-5.94	51.7	8.25	12.02	-7.60	-3
58	85	-31.04	33.67	16.07	37.44	-34.81	76.8	0.00	41.98	-38.71	0
	61	-31.62	22.27	10.56	24.26	-33.61	79.3	0.00	25.79	-36.63	0
	84	-13.18	27.37	20.32	35.80	-21.61	67.5	7.14	47.69	-28.27	0
	60	-9.57	15.54	14.81	22.40	-16.43	65.1	5.24	30.35	-23.69	0
59	86	-24.82	37.59	9.60	39.03	-26.26	81.4	0.00	41.30	-27.27	0
	62	-21.08	24.38	8.58	25.94	-22.65	79.7	0.00	27.87	-24.10	0
	85	-31.22	33.64	13.99	36.53	-34.11	78.3	0.00	39.91	-37.04	0
	61	-31.92	22.22	12.97	25.17	-34.86	77.2	0.00	27.50	-39.49	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U3

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
60	87	-12.24	9.78	-1.08	9.84	-12.29	-87.2	0.00	9.88	-12.36	0
	63	-8.66	6.87	-0.81	6.91	-8.71	-87.0	0.00	6.95	-8.76	0
	86	-24.25	8.60	2.48	8.79	-24.44	85.7	0.00	8.86	-24.96	0
	62	-20.61	5.07	2.75	5.36	-20.90	84.0	0.00	5.43	-22.09	0
61	88	-0.83	10.46	-4.22	11.86	-2.23	-71.6	3.39	14.68	-2.53	0
	64	1.62	7.77	-3.49	9.35	0.05	-65.7	5.12	11.26	0.00	0
	87	-12.14	9.80	-1.29	9.87	-12.22	-86.6	0.00	9.94	-12.31	0
	63	-8.70	6.87	-0.56	6.89	-8.72	-87.9	0.00	6.90	-8.75	0
62	89	8.50	10.93	-6.38	16.20	3.22	-50.4	14.88	17.30	0.00	0
	65	10.13	8.08	-5.55	14.75	3.46	-39.8	15.68	13.63	0.00	0
	88	-0.78	10.47	-4.24	11.89	-2.20	-71.5	3.46	14.71	-2.50	0
	64	1.68	7.78	-3.41	9.31	0.15	-65.9	5.09	11.19	0.00	0
63	90	15.06	11.36	-7.83	21.25	5.17	-38.4	22.88	19.19	0.00	0
	66	16.15	8.14	-7.22	20.41	3.89	-30.5	23.37	15.37	0.00	0
	89	8.53	10.93	-6.24	16.09	3.37	-50.4	14.78	17.17	0.00	0
	65	10.16	8.09	-5.64	14.86	3.39	-39.8	15.81	13.73	0.00	0
64	91	18.44	11.91	-8.90	24.65	5.70	-34.9	27.33	20.81	0.00	0
	67	19.24	8.06	-8.68	23.97	3.33	-28.6	27.92	16.74	0.00	0
	90	15.08	11.37	-7.61	21.06	5.39	-38.2	22.69	18.98	0.00	0
	66	16.16	8.14	-7.39	20.56	3.74	-30.8	23.56	15.54	0.00	0
65	92	18.40	12.66	-9.85	25.79	5.28	-36.9	28.25	22.51	0.00	0
	68	19.06	7.74	-10.05	24.93	1.87	-30.3	29.10	17.79	0.00	0
	91	18.45	11.91	-8.65	24.43	5.93	-34.6	27.10	20.56	0.00	0
	67	19.23	8.06	-8.85	24.11	3.18	-28.9	28.09	16.92	0.00	0
66	93	14.89	13.88	-10.71	25.10	3.66	-43.6	25.60	24.59	0.00	0
	69	15.14	6.94	-11.37	23.12	-1.05	-35.1	26.51	18.31	0.00	-1
	92	18.43	12.67	-9.55	25.53	5.57	-36.6	27.98	22.22	0.00	0
	68	19.07	7.75	-10.21	25.08	1.73	-30.5	29.28	17.96	0.00	0
67	94	8.56	16.02	-10.68	23.60	0.98	-54.6	19.24	26.69	0.00	0
	70	6.51	6.02	-12.18	18.45	-5.92	-44.4	18.70	18.21	-5.67	-6
	93	14.85	13.87	-10.23	24.60	4.12	-43.6	25.08	24.10	0.00	0
	69	15.39	6.98	-11.74	23.65	-1.29	-35.1	27.13	18.71	0.00	-1
68	95	2.56	16.98	-8.35	20.80	-1.26	-65.4	10.91	25.33	-1.54	0
	71	-3.34	7.50	-10.44	13.85	-9.68	-58.7	7.11	17.94	-13.78	-2
	94	8.31	15.98	-10.66	23.47	0.82	-54.9	18.97	26.64	0.00	0
	70	5.97	5.94	-12.75	18.71	-6.79	-45.0	18.73	18.70	-6.78	-6
69	96	0.02	18.90	-8.11	21.90	-2.99	-69.7	8.12	27.00	-3.46	0
	72	-0.50	2.96	-6.95	8.39	-5.93	-52.0	6.45	9.91	-7.44	-3
	95	2.62	16.99	-9.37	21.62	-2.00	-63.7	11.99	26.36	-2.55	0
	71	-3.59	7.46	-8.21	11.83	-7.96	-62.0	4.62	15.67	-11.80	-0
70	98	3.53	13.31	11.51	20.92	-4.08	56.5	15.04	24.82	-6.42	0
	74	1.30	9.43	12.26	18.28	-7.55	54.2	13.55	21.69	-10.96	-2
	97	0.05	15.10	11.11	20.99	-5.84	62.1	11.16	26.21	-8.12	0
	73	-0.19	8.61	11.85	16.85	-8.44	55.2	11.66	20.46	-12.05	-3
71	99	8.14	11.81	12.51	22.61	-2.67	49.2	20.64	24.32	-4.37	-0
	75	6.14	8.08	14.36	21.50	-7.28	46.9	20.50	22.44	-8.22	-6
	98	3.47	13.30	11.16	20.58	-3.81	56.9	14.63	24.46	-5.89	0
	74	1.23	9.42	13.01	18.97	-8.32	53.7	14.24	22.44	-11.78	-3
72	100	13.44	9.84	12.90	24.67	-1.38	41.0	26.34	22.74	0.00	-2
	76	12.92	6.81	15.09	25.26	-5.54	39.3	28.01	21.91	-2.18	-8
	99	8.22	11.82	12.31	22.46	-2.42	49.2	20.53	24.13	-4.09	-0
	75	6.38	8.12	14.50	21.78	-7.28	46.7	20.88	22.62	-8.12	-6
73	101	17.75	8.10	13.07	26.86	-1.01	34.9	30.82	21.17	0.00	-1
	77	17.68	6.06	14.75	27.72	-3.98	34.3	32.42	20.81	0.00	-6
	100	13.52	9.86	13.13	24.94	-1.57	41.0	26.64	22.98	0.00	-2
	76	12.95	6.82	14.80	25.00	-5.23	39.1	27.76	21.62	-1.85	-7
74	102	19.94	6.82	13.25	28.16	-1.41	31.8	33.19	20.07	0.00	-1
	78	19.88	5.59	14.30	28.72	-3.25	31.7	34.18	19.89	0.00	-4
	101	17.76	8.10	13.39	27.17	-1.31	35.1	31.15	21.49	0.00	-2
	77	17.65	6.06	14.44	27.41	-3.71	34.1	32.09	20.50	0.00	-5

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U3

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
75	103	19.68	5.93	13.47	27.93	-2.32	31.5	33.15	19.39	0.00	-3
	79	19.64	5.29	13.96	28.16	-3.23	31.4	33.60	19.25	0.00	-4
	102	19.93	6.82	13.55	28.42	-1.68	32.1	33.48	20.36	0.00	-2
	78	19.87	5.59	14.03	28.48	-3.02	31.5	33.91	19.63	0.00	-4
76	104	16.91	5.35	13.64	25.94	-3.68	33.5	30.55	18.99	0.00	-5
	80	17.07	5.16	13.59	25.96	-3.72	33.2	30.67	18.75	0.00	-5
	103	19.68	5.93	13.75	28.17	-2.57	31.7	33.43	19.67	0.00	-3
	79	19.65	5.29	13.70	27.94	-3.00	31.2	33.35	18.99	0.00	-4
77	105	11.60	5.11	13.55	22.28	-5.58	38.3	25.14	18.65	-1.95	-8
	81	12.29	5.23	12.96	22.19	-4.67	37.4	25.25	18.20	-0.68	-7
	104	16.92	5.35	13.92	26.21	-3.94	33.7	30.84	19.27	0.00	-6
	80	17.07	5.16	13.34	25.72	-3.49	33.0	30.41	18.50	0.00	-5
78	106	3.79	5.29	12.86	17.42	-8.33	46.7	16.65	18.15	-9.06	-7
	82	5.47	5.52	11.70	17.19	-6.20	45.1	17.17	17.22	-6.22	-6
	105	11.61	5.11	13.86	22.59	-5.87	38.4	25.47	18.96	-2.24	-8
	81	12.28	5.23	12.70	21.94	-4.42	37.2	24.98	17.93	-0.41	-7
79	107	-6.16	6.08	11.13	12.66	-12.74	59.4	4.97	17.20	-17.28	-5
	83	-3.09	5.99	9.37	11.86	-8.97	57.9	6.28	15.36	-12.47	-3
	106	3.78	5.29	13.19	17.75	-8.67	46.6	16.97	18.48	-9.40	-7
	82	5.48	5.52	11.43	16.93	-5.94	45.1	16.91	16.96	-5.96	-5
80	108	-16.83	7.09	8.11	9.59	-19.32	72.9	0.00	11.00	-24.94	-1
	84	-12.72	6.73	6.02	8.44	-14.43	74.1	0.00	9.58	-18.11	0
	107	-6.28	6.06	11.29	12.75	-12.97	59.3	5.01	17.35	-17.57	-5
	83	-3.14	5.98	9.20	11.69	-8.85	58.2	6.06	15.18	-12.34	-3
81	109	-36.31	37.14	19.88	42.18	-41.35	75.8	0.00	48.03	-46.95	0
	85	-31.01	33.86	14.23	36.85	-34.00	78.2	0.00	40.39	-37.00	0
	108	-17.32	29.86	26.60	41.83	-29.29	65.8	9.28	56.47	-41.02	0
	84	-13.21	27.18	20.96	36.08	-22.12	67.0	7.74	48.13	-29.37	0
82	110	-30.38	41.88	10.20	43.29	-31.79	82.1	0.00	45.30	-32.87	0
	86	-24.86	37.30	8.36	38.40	-25.97	82.5	0.00	40.11	-26.74	0
	109	-36.46	37.12	18.01	41.29	-40.63	77.0	0.00	46.01	-45.20	0
	85	-31.19	33.83	16.16	37.63	-34.99	76.8	0.00	42.21	-38.91	0
83	111	-16.45	10.73	-1.87	10.86	-16.57	-86.1	0.00	10.94	-16.77	0
	87	-12.24	9.80	-1.39	9.88	-12.32	-86.4	0.00	9.96	-12.43	0
	110	-29.82	9.29	2.49	9.44	-29.98	86.4	0.00	9.49	-30.49	0
	86	-24.26	8.52	2.96	8.78	-24.53	84.9	0.00	8.88	-25.29	0
84	112	-3.44	11.61	-5.16	13.21	-5.04	-72.8	1.73	16.77	-5.73	0
	88	-0.82	10.50	-4.26	11.93	-2.24	-71.5	3.44	14.76	-2.55	0
	111	-16.30	10.75	-2.08	10.91	-16.46	-85.6	0.00	11.02	-16.70	0
	87	-12.14	9.81	-1.18	9.87	-12.20	-86.9	0.00	9.93	-12.28	0
85	113	7.09	12.44	-6.98	17.24	2.29	-55.5	14.07	19.42	0.00	0
	89	8.51	10.95	-6.24	16.09	3.37	-50.5	14.75	17.20	0.00	0
	112	-3.38	11.62	-5.06	13.16	-4.93	-73.0	1.68	16.67	-5.59	0
	88	-0.77	10.51	-4.32	11.98	-2.24	-71.3	3.55	14.83	-2.55	0
86	114	14.39	13.44	-7.87	21.80	6.03	-43.3	22.27	21.31	0.00	0
	90	15.06	11.39	-7.59	21.04	5.42	-38.2	22.66	18.98	0.00	0
	113	7.12	12.45	-6.73	17.03	2.54	-55.8	13.85	19.18	0.00	0
	89	8.54	10.96	-6.45	16.31	3.18	-50.3	14.99	17.41	0.00	0
87	115	18.17	14.74	-8.27	24.90	8.01	-39.1	26.44	23.00	0.00	0
	91	18.44	11.95	-8.61	24.40	6.00	-34.7	27.05	20.56	0.00	0
	114	14.41	13.44	-7.54	21.49	6.37	-43.2	21.96	20.98	0.00	0
	90	15.08	11.40	-7.89	21.34	5.14	-38.4	22.97	19.28	0.00	0
88	116	18.40	16.51	-8.42	25.93	8.98	-41.8	26.82	24.93	0.00	0
	92	18.41	12.73	-9.51	25.49	5.64	-36.7	27.92	22.24	0.00	0
	115	18.19	14.74	-7.87	24.52	8.41	-38.8	26.06	22.61	0.00	0
	91	18.46	11.96	-8.96	24.74	5.67	-35.0	27.42	20.92	0.00	0
89	117	15.45	18.85	-8.33	25.65	8.64	-50.8	23.78	27.18	0.00	0
	93	14.89	13.90	-10.28	24.69	4.11	-43.6	25.17	24.18	0.00	0
	116	18.39	16.51	-7.98	25.49	9.41	-41.6	26.37	24.49	0.00	0
	92	18.44	12.73	-9.93	25.92	5.25	-37.0	28.37	22.66	0.00	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U3

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
90	118	10.39	21.50	-7.65	25.40	6.49	-63.0	18.04	29.15	0.00	0
	94	8.52	15.74	-10.35	23.09	1.17	-54.6	18.86	26.09	0.00	0
	117	15.37	18.83	-7.99	25.28	8.93	-51.1	23.36	26.82	0.00	0
	93	14.86	13.89	-10.69	25.07	3.68	-43.7	25.54	24.58	0.00	0
91	119	4.97	23.71	-6.64	25.83	2.86	-72.3	11.61	30.35	0.00	0
	95	2.67	17.71	-9.19	22.06	-1.69	-64.6	11.87	26.90	-2.10	0
	118	10.30	21.48	-7.75	25.45	6.34	-62.9	18.06	29.24	0.00	0
	94	8.27	15.70	-10.31	22.94	1.03	-54.9	18.58	26.01	0.00	0
92	120	0.07	26.30	-6.77	27.95	-1.58	-76.3	6.84	33.08	-1.68	0
	96	-0.18	17.61	-8.36	20.92	-3.49	-68.4	8.18	25.97	-4.15	0
	119	5.02	23.72	-6.92	26.00	2.74	-71.8	11.94	30.64	0.00	0
	95	2.73	17.71	-8.51	21.56	-1.12	-65.7	11.23	26.22	-1.36	0
93	122	4.40	14.83	9.47	20.42	-1.20	59.4	13.87	24.30	-1.65	0
	98	3.57	13.53	11.28	20.88	-3.78	56.9	14.85	24.82	-5.84	0
	121	0.03	16.72	9.31	20.87	-4.13	65.9	9.33	26.02	-5.15	0
	97	-0.02	14.62	11.12	20.61	-6.01	61.7	11.10	25.74	-8.48	0
94	123	9.20	12.89	9.99	21.20	0.88	50.2	19.19	22.88	0.00	0
	99	8.13	11.79	12.20	22.30	-2.38	49.3	20.34	23.99	-4.07	-0
	122	4.35	14.82	9.32	20.27	-1.10	59.7	13.67	24.14	-1.51	0
	98	3.51	13.52	11.53	21.09	-4.06	56.7	15.04	25.06	-6.32	0
95	124	14.25	10.72	10.53	23.17	1.81	40.2	24.79	21.25	0.00	0
	100	13.44	9.81	13.01	24.76	-1.52	41.0	26.45	22.82	0.00	-2
	123	9.24	12.90	9.86	21.10	1.04	50.2	19.11	22.76	0.00	0
	99	8.22	11.80	12.34	22.48	-2.46	49.1	20.56	24.15	-4.13	-0
96	125	18.39	8.69	11.21	25.75	1.33	33.3	29.59	19.90	0.00	0
	101	17.75	8.10	13.38	27.15	-1.30	35.1	31.13	21.48	0.00	-1
	124	14.31	10.73	10.67	23.35	1.70	40.2	24.99	21.41	0.00	0
	100	13.51	9.82	12.85	24.65	-1.32	40.9	26.36	22.67	0.00	-2
97	126	20.55	7.03	12.01	27.57	0.01	30.3	32.56	19.03	0.00	0
	102	19.94	6.83	13.57	28.45	-1.68	32.1	33.51	20.40	0.00	-2
	125	18.41	8.69	11.51	26.04	1.06	33.6	29.92	20.20	0.00	0
	101	17.76	8.10	13.07	26.86	-1.00	34.9	30.82	21.17	0.00	-1
98	127	20.25	5.71	12.84	27.73	-1.77	30.2	33.08	18.55	0.00	-2
	103	19.69	5.93	13.76	28.19	-2.57	31.7	33.45	19.69	0.00	-3
	126	20.55	7.03	12.32	27.84	-0.27	30.6	32.87	19.35	0.00	-0
	102	19.93	6.83	13.25	28.16	-1.40	31.8	33.18	20.07	0.00	-1
99	128	17.27	4.66	13.59	25.95	-4.02	32.5	30.86	18.25	0.00	-6
	104	16.91	5.36	13.92	26.21	-3.94	33.7	30.83	19.28	0.00	-6
	127	20.24	5.71	13.13	27.98	-2.03	30.5	33.37	18.84	0.00	-2
	103	19.68	5.93	13.46	27.92	-2.31	31.5	33.14	19.39	0.00	-3
100	129	11.49	3.84	14.13	22.30	-6.97	37.4	25.62	17.97	-2.63	-10
	105	11.60	5.12	13.86	22.59	-5.87	38.4	25.46	18.98	-2.26	-8
	128	17.28	4.66	13.89	26.22	-4.28	32.8	31.17	18.54	0.00	-6
	104	16.92	5.36	13.62	25.93	-3.66	33.5	30.54	18.98	0.00	-5

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U4

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
1	26	-15.11	-16.89	5.73	-10.20	-21.80	40.6	0.00	0.00	-20.84	-22
	2	-11.86	0.56	6.01	2.99	-14.29	68.0	0.00	3.60	-17.87	-5
	25	0.37	-11.39	5.19	2.33	-13.35	20.7	2.74	0.00	-4.83	-16
	1	0.19	-0.17	5.47	5.48	-5.46	44.0	5.66	5.30	-5.28	-5
2	27	3.68	-4.56	10.64	10.97	-11.85	34.4	14.32	6.07	-6.96	-15
	3	-1.93	-0.56	7.64	6.43	-8.91	47.6	5.71	7.08	-9.57	-8
	26	-15.48	-16.94	8.66	-7.52	-24.90	42.6	0.00	0.00	-24.14	-25
	2	-11.19	0.66	5.66	2.93	-13.46	68.2	0.00	3.53	-16.85	-5
3	28	8.67	-0.75	11.21	16.12	-8.20	33.6	19.88	10.45	-2.53	-11
	4	8.73	0.03	10.31	15.58	-6.81	33.6	19.05	10.35	-1.58	-10
	27	2.85	-4.69	9.00	8.84	-10.68	33.6	11.85	4.31	-6.15	-13
	3	-1.53	-0.50	8.11	7.12	-9.14	46.8	6.58	7.61	-9.64	-8
4	29	12.73	0.69	11.02	19.26	-5.84	30.7	23.74	11.71	0.00	-8
	5	13.12	0.04	10.94	19.32	-6.16	29.6	24.05	10.97	0.00	-9
	28	9.19	-0.67	10.61	15.97	-7.44	32.5	19.81	9.94	-1.42	-11
	4	7.87	-0.10	10.53	15.15	-7.38	34.6	18.40	10.44	-2.66	-10
5	30	14.49	1.23	10.60	20.37	-4.65	29.0	25.10	11.83	0.00	-6
	6	15.00	0.04	10.61	20.51	-5.46	27.4	25.61	10.65	0.00	-7
	29	12.90	0.72	10.91	19.30	-5.68	30.4	23.81	11.63	0.00	-8
	5	12.79	-0.01	10.91	19.04	-6.26	29.8	23.70	10.90	0.00	-9
6	31	14.37	1.48	10.06	19.87	-4.02	28.7	24.43	11.54	0.00	-5
	7	14.99	0.04	9.94	19.95	-4.93	26.5	24.93	9.98	0.00	-6
	30	14.55	1.24	10.64	20.45	-4.66	29.0	25.19	11.88	0.00	-6
	6	14.88	0.02	10.53	20.33	-5.44	27.4	25.41	10.55	0.00	-7
7	32	12.64	1.65	9.40	18.03	-3.74	29.8	22.04	11.04	0.00	-5
	8	13.37	0.03	9.11	17.99	-4.58	26.9	22.48	9.14	0.00	-6
	31	14.39	1.48	10.14	19.96	-4.08	28.8	24.53	11.62	0.00	-5
	7	14.92	0.03	9.85	19.82	-4.88	26.5	24.77	9.88	0.00	-6
8	33	9.58	1.80	8.58	15.11	-3.74	32.8	18.16	10.38	0.00	-5
	9	10.45	0.02	8.13	14.90	-4.43	28.7	18.58	8.16	0.00	-6
	32	12.65	1.65	9.48	18.11	-3.81	29.9	22.13	11.12	0.00	-5
	8	13.32	0.02	9.02	17.88	-4.54	26.8	22.34	9.05	0.00	-6
9	34	5.51	1.86	7.57	11.48	-4.10	38.2	13.08	9.44	-2.06	-5
	10	6.55	-0.00	7.03	11.04	-4.48	32.5	13.59	7.03	-0.48	-7
	33	9.56	1.79	8.62	15.14	-3.78	32.9	18.19	10.42	0.00	-5
	9	10.39	0.01	8.09	14.81	-4.40	28.7	18.48	8.10	0.00	-6
10	35	0.98	1.58	6.20	7.48	-4.93	46.4	7.18	7.78	-5.22	-4
	11	2.37	-0.09	5.80	7.06	-4.79	39.0	8.17	5.70	-3.43	-5
	34	5.46	1.86	7.48	11.36	-4.04	38.2	12.94	9.34	-2.02	-5
	10	6.49	-0.01	7.08	11.03	-4.55	32.7	13.57	7.07	-0.59	-7
11	36	-4.17	0.34	3.03	1.86	-5.69	63.3	0.00	2.54	-7.20	-2
	12	1.66	0.24	3.04	4.07	-2.17	38.4	4.70	3.28	-1.38	-2
	35	1.13	1.60	5.94	7.31	-4.58	46.1	7.07	7.54	-4.81	-4
	11	1.71	-0.19	5.95	6.78	-5.27	40.5	7.66	5.76	-4.24	-6
12	37	-30.56	-5.82	5.18	-4.77	-31.60	78.6	0.00	0.00	-35.74	-11
	13	-25.42	0.27	5.29	1.32	-26.47	78.8	0.00	1.37	-30.72	-5
	36	-3.31	2.78	9.98	10.17	-10.71	53.5	6.67	12.76	-13.29	-7
	12	-0.60	-0.12	10.10	9.74	-10.46	45.7	9.50	9.97	-10.69	-10
13	38	-13.69	8.95	4.75	9.90	-14.65	78.6	0.00	10.59	-16.21	0
	14	-15.68	-0.01	1.70	0.17	-15.86	83.9	0.00	0.18	-17.38	-1
	37	-30.84	-5.86	7.85	-3.60	-33.10	73.9	0.00	0.00	-38.68	-13
	13	-24.50	0.41	4.81	1.31	-25.39	79.4	0.00	1.35	-29.30	-4
14	39	-6.30	2.41	-0.30	2.42	-6.32	-88.0	0.00	2.43	-6.34	0
	15	-4.73	0.14	-0.41	0.18	-4.77	-85.2	0.00	0.18	-5.14	-0
	38	-14.36	1.11	0.81	1.15	-14.40	87.0	0.00	1.15	-14.95	0
	14	-14.11	-1.42	0.70	-1.38	-14.15	86.9	0.00	0.00	-14.80	-2

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U4

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
15	40	1.29	3.12	-2.17	4.56	-0.15	-56.4	3.46	5.29	-0.21	0
	16	2.79	-0.01	-1.43	3.39	-0.61	-22.8	4.22	1.41	0.00	-0
	39	-6.11	2.44	-0.66	2.49	-6.16	-85.6	0.00	2.51	-6.29	0
	15	-4.95	0.11	0.08	0.11	-4.96	89.1	0.00	0.11	-5.02	0
16	41	7.46	3.20	-3.82	9.70	0.96	-30.4	11.28	7.01	0.00	0
	17	8.80	0.03	-3.07	9.77	-0.94	-17.5	11.87	3.11	0.00	-1
	40	1.37	3.14	-2.23	4.65	-0.15	-55.8	3.60	5.37	-0.22	0
	16	2.73	-0.02	-1.49	3.38	-0.67	-23.6	4.22	1.47	0.00	-0
17	42	11.84	3.10	-5.24	14.29	0.65	-25.1	17.08	8.34	0.00	0
	18	12.98	0.03	-4.64	14.47	-1.46	-17.8	17.62	4.68	0.00	-1
	41	7.48	3.20	-3.75	9.66	1.02	-30.2	11.24	6.95	0.00	0
	17	8.83	0.04	-3.16	9.84	-0.98	-17.8	11.98	3.19	0.00	-1
18	43	14.08	2.87	-6.45	17.02	-0.07	-24.5	20.53	9.32	0.00	-0
	19	14.98	0.03	-6.07	17.14	-2.12	-19.5	21.05	6.10	0.00	-2
	42	11.82	3.10	-5.14	14.21	0.72	-24.9	16.97	8.24	0.00	0
	18	13.05	0.05	-4.76	14.61	-1.51	-18.1	17.81	4.81	0.00	-1
19	44	13.91	2.37	-7.37	17.49	-1.22	-26.0	21.27	9.73	0.00	-1
	20	14.34	0.00	-7.19	17.32	-2.98	-22.5	21.53	7.19	0.00	-3
	43	14.03	2.86	-6.37	16.92	-0.03	-24.4	20.40	9.23	0.00	-0
	19	15.11	0.05	-6.19	17.33	-2.16	-19.7	21.31	6.25	0.00	-2
20	45	11.01	1.03	-7.71	15.21	-3.16	-28.5	18.72	8.74	0.00	-4
	21	10.24	-0.08	-7.55	14.22	-4.06	-27.8	17.78	7.47	0.00	-5
	44	13.74	2.34	-7.42	17.40	-1.32	-26.2	21.16	9.76	0.00	-1
	20	14.67	0.05	-7.26	17.66	-2.94	-22.4	21.93	7.32	0.00	-3
21	46	4.78	-2.85	-6.74	8.71	-6.78	-30.2	11.53	3.89	-1.96	-9
	22	0.99	-0.48	-5.89	6.19	-5.68	-41.5	6.88	5.42	-4.90	-6
	45	10.50	0.95	-8.23	15.25	-3.79	-29.9	18.74	9.19	0.00	-5
	21	11.09	0.05	-7.38	14.79	-3.65	-26.6	18.47	7.43	0.00	-4
22	47	-14.20	-14.87	-7.07	-7.45	-21.61	-43.6	0.00	0.00	-21.26	-21
	23	-9.28	0.73	-4.28	2.31	-10.85	-69.7	0.00	2.71	-13.55	-3
	46	5.63	-2.72	-8.29	10.74	-7.83	-31.6	13.92	5.57	-2.66	-11
	22	0.57	-0.54	-5.50	5.54	-5.51	-42.1	6.07	4.96	-4.93	-6
23	48	0.45	-8.66	-3.98	1.94	-10.16	-20.6	2.28	0.00	-3.53	-12
	24	-0.06	-0.37	-4.64	4.43	-4.86	-44.0	4.58	4.27	-4.70	-5
	47	-13.86	-14.82	-4.01	-10.30	-18.37	-41.6	0.00	0.00	-17.87	-18
	23	-9.85	0.65	-4.67	2.42	-11.62	-69.2	0.00	2.86	-14.51	-4
24	50	-3.44	1.94	9.64	9.26	-10.75	52.8	6.20	11.58	-13.07	-7
	26	-14.77	-14.61	7.90	-6.79	-22.59	45.3	0.00	0.00	-22.67	-22
	49	-0.40	-2.42	6.71	5.37	-8.20	40.7	6.31	4.29	-7.11	-9
	25	0.35	-11.51	4.97	2.16	-13.32	20.0	2.49	0.00	-4.62	-16
25	51	2.44	0.42	11.91	13.38	-10.52	42.6	14.35	12.33	-9.47	-11
	27	3.65	-4.74	9.86	10.18	-11.26	33.5	13.52	5.13	-6.21	-14
	50	-3.26	1.97	8.69	8.43	-9.72	53.4	5.43	10.66	-11.95	-6
	26	-15.14	-14.67	6.65	-8.26	-21.56	46.0	0.00	0.00	-21.79	-21
26	52	9.29	1.37	11.82	17.79	-7.14	35.7	21.11	13.18	-2.52	-10
	28	8.68	-0.73	10.44	15.42	-7.47	32.9	19.12	9.71	-1.76	-11
	51	2.85	0.48	12.02	13.75	-10.42	42.2	14.87	12.50	-9.17	-11
	27	2.82	-4.86	10.64	10.30	-12.34	35.1	13.47	5.78	-7.82	-15
27	53	12.71	2.18	11.30	19.91	-5.02	32.5	24.01	13.47	0.00	-7
	29	12.72	0.66	10.83	19.08	-5.71	30.4	23.55	11.48	0.00	-8
	52	9.11	1.34	11.57	17.43	-6.98	35.7	20.68	12.91	-2.46	-10
	28	9.20	-0.65	11.10	16.42	-7.87	33.0	20.30	10.45	-1.90	-11
28	54	14.22	2.52	10.79	20.65	-3.90	30.8	25.01	13.31	0.00	-5
	30	14.49	1.22	10.61	20.37	-4.66	29.0	25.10	11.83	0.00	-6
	53	12.71	2.18	11.17	19.79	-4.91	32.4	23.88	13.35	0.00	-7
	29	12.89	0.68	10.99	19.36	-5.79	30.5	23.89	11.67	0.00	-8
29	55	13.98	2.69	10.34	20.11	-3.45	30.7	24.32	13.03	0.00	-4
	31	14.37	1.48	10.14	19.94	-4.09	28.8	24.51	11.61	0.00	-5
	54	14.24	2.52	10.81	20.68	-3.92	30.8	25.05	13.34	0.00	-5
	30	14.55	1.23	10.61	20.41	-4.64	28.9	25.15	11.83	0.00	-6

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U4

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
30	56	12.10	2.82	9.86	18.35	-3.44	32.4	21.95	12.68	0.00	-5
	32	12.65	1.65	9.49	18.11	-3.82	30.0	22.13	11.14	0.00	-5
	55	13.98	2.69	10.43	20.19	-3.53	30.8	24.41	13.11	0.00	-5
	31	14.39	1.48	10.06	19.89	-4.02	28.7	24.45	11.54	0.00	-5
31	57	8.76	2.97	9.20	15.51	-3.78	36.3	17.96	12.18	-0.44	-6
	33	9.58	1.80	8.65	15.17	-3.80	32.9	18.23	10.45	0.00	-6
	56	12.09	2.82	9.95	18.43	-3.52	32.5	22.04	12.77	0.00	-5
	32	12.65	1.65	9.40	18.04	-3.74	29.8	22.05	11.06	0.00	-5
32	58	4.23	3.07	8.17	11.84	-4.54	43.0	12.40	11.24	-3.94	-5
	34	5.51	1.85	7.54	11.44	-4.08	38.2	13.05	9.39	-2.03	-5
	57	8.73	2.97	9.24	15.53	-3.83	36.3	17.98	12.21	-0.51	-6
	33	9.56	1.79	8.62	15.13	-3.77	32.9	18.18	10.41	0.00	-5
33	59	-1.26	2.84	6.40	7.51	-5.93	53.9	5.14	9.25	-7.66	-3
	35	0.98	1.60	5.95	7.25	-4.67	46.5	6.93	7.56	-4.97	-4
	58	4.19	3.07	8.08	11.73	-4.47	43.0	12.28	11.15	-3.89	-5
	34	5.46	1.84	7.64	11.50	-4.20	38.3	13.10	9.48	-2.18	-5
34	60	-8.41	2.49	3.23	3.37	-9.29	74.7	0.00	3.73	-11.64	-0
	36	-4.18	0.26	3.17	1.91	-5.83	62.5	0.00	2.66	-7.35	-2
	59	-1.16	2.86	6.29	7.45	-5.75	53.9	5.13	9.15	-7.45	-3
	35	1.13	1.62	6.23	7.61	-4.85	46.1	7.36	7.85	-5.09	-4
35	61	-24.76	17.78	9.08	19.63	-26.62	78.4	0.00	21.11	-29.40	0
	37	-30.29	-4.00	7.23	-2.14	-32.14	75.6	0.00	0.00	-37.52	-11
	60	-8.68	11.35	11.95	16.92	-14.26	65.0	3.27	23.30	-20.63	-0
	36	-3.35	2.50	10.10	10.09	-10.94	53.1	6.75	12.60	-13.45	-7
36	62	-17.56	18.10	6.51	19.25	-18.71	80.0	0.00	20.52	-19.90	0
	38	-13.78	8.36	3.86	9.02	-14.44	80.4	0.00	9.45	-15.57	0
	61	-24.99	17.74	8.42	19.34	-26.59	79.2	0.00	20.58	-28.98	0
	37	-30.56	-4.04	5.77	-2.84	-31.77	78.2	0.00	0.00	-36.34	-9
37	63	-8.12	5.04	-0.55	5.06	-8.14	-87.6	0.00	5.08	-8.18	0
	39	-6.29	2.49	-0.75	2.55	-6.36	-85.2	0.00	2.58	-6.52	0
	62	-17.12	3.58	1.77	3.73	-17.27	85.1	0.00	3.76	-18.00	0
	38	-14.39	0.93	1.57	1.09	-14.55	84.2	0.00	1.10	-15.96	-0
38	64	-0.31	5.68	-2.78	6.77	-1.40	-68.6	2.47	8.46	-1.67	0
	40	1.29	3.07	-2.31	4.65	-0.30	-55.6	3.59	5.38	-0.45	0
	63	-8.14	5.04	-0.86	5.09	-8.20	-86.3	0.00	5.13	-8.29	0
	39	-6.10	2.52	-0.39	2.54	-6.12	-87.4	0.00	2.55	-6.16	0
39	65	6.20	5.88	-4.49	10.53	1.55	-44.0	10.69	10.37	0.00	0
	41	7.46	3.19	-3.80	9.68	0.97	-30.3	11.26	6.99	0.00	0
	64	-0.26	5.69	-2.89	6.86	-1.43	-67.9	2.62	8.58	-1.73	0
	40	1.36	3.08	-2.20	4.58	-0.14	-55.7	3.56	5.28	-0.21	0
40	66	10.85	5.90	-5.78	14.67	2.09	-33.4	16.63	11.69	0.00	0
	42	11.83	3.10	-5.16	14.23	0.70	-24.9	17.00	8.26	0.00	0
	65	6.23	5.89	-4.45	10.51	1.60	-43.9	10.68	10.34	0.00	0
	41	7.48	3.20	-3.83	9.73	0.95	-30.4	11.31	7.02	0.00	0
41	67	13.31	5.82	-6.82	17.35	1.78	-30.6	20.13	12.64	0.00	0
	43	14.08	2.86	-6.38	16.96	-0.02	-24.3	20.46	9.24	0.00	-0
	66	10.86	5.90	-5.69	14.59	2.17	-33.2	16.55	11.60	0.00	0
	42	11.82	3.09	-5.25	14.28	0.64	-25.1	17.07	8.34	0.00	0
42	68	13.33	5.56	-7.73	18.09	0.80	-31.7	21.05	13.29	0.00	0
	44	13.90	2.33	-7.40	17.51	-1.27	-26.0	21.30	9.73	0.00	-1
	67	13.30	5.82	-6.76	17.28	1.84	-30.5	20.06	12.57	0.00	0
	43	14.03	2.85	-6.43	16.96	-0.08	-24.5	20.45	9.28	0.00	-0
43	69	10.58	4.89	-8.60	16.79	-1.33	-35.9	19.18	13.49	0.00	-2
	45	11.02	1.06	-8.12	15.57	-3.49	-29.2	19.14	9.18	0.00	-4
	68	13.34	5.57	-7.78	18.15	0.76	-31.7	21.12	13.34	0.00	0
	44	13.73	2.31	-7.30	17.29	-1.25	-26.0	21.03	9.60	0.00	-1
44	70	4.45	4.29	-9.52	13.89	-5.15	-44.8	13.97	13.81	-5.07	-5
	46	4.76	-3.02	-8.30	10.03	-8.29	-32.4	13.05	5.27	-3.54	-11
	69	10.77	4.91	-8.77	17.08	-1.40	-35.8	19.53	13.68	0.00	-2
	45	10.51	0.98	-7.54	14.66	-3.17	-28.9	18.05	8.53	0.00	-4

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U4

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
45	71	-2.19	6.19	-6.60	9.82	-5.82	-61.2	4.40	12.79	-8.79	-0
	47	-13.85	-12.57	-4.92	-8.25	-18.17	-48.7	0.00	0.00	-18.77	-17
	70	4.04	4.23	-9.30	13.43	-5.16	-45.3	13.34	13.53	-5.26	-5
	46	5.60	-2.89	-7.62	10.08	-7.37	-30.4	13.23	4.73	-2.02	-10
46	72	-0.39	2.27	-4.91	6.02	-4.15	-52.6	4.52	7.18	-5.30	-2
	48	0.42	-8.88	-3.76	1.75	-10.21	-19.5	2.01	0.00	-3.34	-12
	71	-2.38	6.17	-7.45	10.48	-6.70	-59.9	5.07	13.62	-9.83	-1
	47	-13.51	-12.52	-6.30	-6.70	-19.33	-47.3	0.00	0.00	-19.81	-18
47	74	0.88	6.15	9.68	13.55	-6.52	52.6	10.56	15.83	-8.81	-3
	50	-3.52	1.38	8.30	7.58	-9.73	53.2	4.78	9.68	-11.82	-6
	73	0.01	7.02	8.52	12.73	-5.70	56.2	8.53	15.54	-8.52	-1
	49	-0.39	-2.34	7.14	5.84	-8.56	41.1	6.75	4.80	-7.52	-9
48	75	4.40	5.89	10.90	16.07	-5.78	46.9	15.31	16.79	-6.50	-5
	51	2.47	0.65	11.96	13.55	-10.43	42.8	14.43	12.60	-9.48	-11
	74	0.83	6.14	8.90	12.77	-5.81	53.3	9.73	15.04	-8.08	-2
	50	-3.34	1.41	9.96	9.27	-11.20	51.7	6.61	11.36	-13.30	-8
49	76	9.17	4.74	10.93	18.11	-4.20	39.3	20.11	15.67	-1.76	-6
	52	9.32	1.56	11.79	17.86	-6.97	35.9	21.11	13.35	-2.47	-10
	75	4.57	5.91	10.81	16.07	-5.59	46.8	15.38	16.72	-6.24	-4
	51	2.88	0.71	11.67	13.52	-9.93	42.3	14.56	12.38	-8.79	-10
50	77	12.55	4.13	10.81	19.94	-3.26	34.4	23.36	14.94	0.00	-5
	53	12.72	2.23	11.23	19.87	-4.92	32.5	23.95	13.46	0.00	-7
	76	9.21	4.74	11.19	18.38	-4.44	39.4	20.40	15.93	-1.98	-6
	52	9.14	1.53	11.61	17.55	-6.88	35.9	20.74	13.14	-2.47	-10
51	78	14.07	3.78	10.61	20.71	-2.87	32.1	24.68	14.38	0.00	-4
	54	14.22	2.55	10.82	20.68	-3.91	30.8	25.05	13.37	0.00	-5
	77	12.53	4.13	10.96	20.07	-3.41	34.5	23.49	15.09	0.00	-5
	53	12.71	2.22	11.17	19.81	-4.87	32.4	23.88	13.40	0.00	-7
52	79	13.78	3.55	10.44	20.29	-2.96	32.0	24.22	13.99	0.00	-4
	55	13.98	2.70	10.44	20.20	-3.52	30.8	24.41	13.13	0.00	-5
	78	14.06	3.78	10.74	20.83	-2.99	32.2	24.80	14.51	0.00	-4
	54	14.24	2.55	10.73	20.62	-3.83	30.7	24.97	13.28	0.00	-5
53	80	11.74	3.45	10.24	18.65	-3.45	34.0	21.98	13.70	0.00	-5
	56	12.10	2.83	9.97	18.46	-3.53	32.5	22.07	12.80	0.00	-5
	79	13.78	3.55	10.59	20.42	-3.09	32.1	24.37	14.14	0.00	-4
	55	13.98	2.70	10.31	20.10	-3.41	30.7	24.30	13.01	0.00	-4
54	81	8.02	3.51	9.85	15.86	-4.34	38.5	17.86	13.35	-1.83	-6
	57	8.76	2.99	9.29	15.61	-3.85	36.4	18.05	12.28	-0.53	-6
	80	11.74	3.45	10.40	18.79	-3.59	34.1	22.13	13.85	0.00	-5
	56	12.09	2.83	9.84	18.34	-3.42	32.4	21.94	12.67	0.00	-5
55	82	2.76	3.71	8.95	12.19	-5.73	46.5	11.70	12.66	-6.19	-5
	58	4.23	3.11	8.17	11.86	-4.52	43.0	12.40	11.28	-3.94	-5
	81	8.02	3.51	9.98	15.99	-4.47	38.6	17.99	13.48	-1.96	-6
	57	8.74	2.99	9.20	15.50	-3.77	36.3	17.93	12.19	-0.46	-6
56	83	-3.82	4.15	7.18	8.38	-8.05	59.5	3.37	11.33	-11.00	-3
	59	-1.25	2.92	6.29	7.46	-5.79	54.1	5.05	9.21	-7.54	-3
	82	2.76	3.71	9.05	12.30	-5.83	46.5	11.81	12.76	-6.29	-5
	58	4.20	3.10	8.16	11.83	-4.52	43.1	12.36	11.26	-3.96	-5
57	84	-11.16	4.78	4.70	6.06	-12.44	74.7	0.00	6.76	-15.77	0
	60	-8.38	2.65	3.60	3.72	-9.45	73.4	0.00	4.19	-11.98	-0
	83	-3.86	4.14	7.30	8.47	-8.18	59.4	3.44	11.44	-11.16	-3
	59	-1.15	2.93	6.20	7.41	-5.63	54.1	5.05	9.13	-7.35	-3
58	85	-25.09	24.87	12.22	27.70	-27.92	77.0	0.00	30.82	-31.10	0
	61	-24.88	17.00	8.04	18.49	-26.37	79.5	0.00	19.60	-28.68	0
	84	-11.51	20.05	15.82	26.61	-18.07	67.5	4.32	35.87	-24.00	0
	60	-8.60	11.89	11.65	17.16	-13.87	65.7	3.05	23.54	-20.01	0
59	86	-20.53	27.94	6.92	28.90	-21.50	82.0	0.00	30.27	-22.24	0
	62	-17.47	18.68	6.07	19.67	-18.46	80.7	0.00	20.78	-19.44	0
	85	-25.23	24.85	10.68	27.03	-27.41	78.5	0.00	29.37	-29.82	0
	61	-25.10	16.96	9.82	19.14	-27.28	77.5	0.00	20.81	-30.79	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U4

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
60	87	-10.95	7.07	-1.07	7.14	-11.01	-86.6	0.00	7.18	-11.11	0
	63	-8.12	5.06	-0.85	5.11	-8.17	-86.3	0.00	5.15	-8.26	0
	86	-20.10	6.17	1.76	6.29	-20.22	86.2	0.00	6.33	-20.60	0
	62	-17.09	3.75	1.98	3.93	-17.28	84.6	0.00	3.98	-18.14	0
61	88	-2.20	7.56	-3.51	8.70	-3.33	-72.1	1.32	11.08	-3.83	0
	64	-0.30	5.70	-2.92	6.89	-1.49	-67.9	2.62	8.63	-1.80	0
	87	-10.87	7.08	-1.25	7.17	-10.96	-86.0	0.00	7.23	-11.09	0
	63	-8.14	5.06	-0.66	5.09	-8.17	-87.1	0.00	5.11	-8.22	0
62	89	4.99	7.89	-5.13	11.77	1.11	-52.9	10.12	13.02	0.00	0
	65	6.20	5.90	-4.47	10.52	1.58	-44.0	10.67	10.36	0.00	0
	88	-2.16	7.57	-3.53	8.71	-3.30	-72.0	1.37	11.10	-3.80	0
	64	-0.26	5.71	-2.86	6.86	-1.41	-68.1	2.60	8.57	-1.70	0
63	90	10.08	8.20	-6.17	15.38	2.90	-40.7	16.25	14.37	0.00	0
	66	10.85	5.92	-5.68	14.58	2.19	-33.3	16.53	11.60	0.00	0
	89	5.01	7.89	-5.03	11.69	1.22	-53.0	10.04	12.92	0.00	0
	65	6.23	5.90	-4.54	10.60	1.53	-44.0	10.76	10.44	0.00	0
64	91	12.78	8.59	-6.90	17.90	3.47	-36.6	19.68	15.49	0.00	0
	67	13.31	5.85	-6.70	17.25	1.91	-30.4	20.02	12.55	0.00	0
	90	10.10	8.20	-6.01	15.23	3.07	-40.5	16.10	14.21	0.00	0
	66	10.86	5.92	-5.81	14.71	2.08	-33.5	16.67	11.73	0.00	0
65	92	12.93	9.14	-7.53	18.79	3.27	-37.9	20.45	16.67	0.00	0
	68	13.33	5.62	-7.66	18.05	0.90	-31.6	20.99	13.27	0.00	0
	91	12.79	8.59	-6.71	17.73	3.66	-36.3	19.50	15.31	0.00	0
	67	13.31	5.84	-6.84	17.37	1.78	-30.7	20.15	12.69	0.00	0
66	93	10.51	10.03	-8.07	18.34	2.20	-44.1	18.58	18.10	0.00	0
	69	10.61	5.08	-8.56	16.84	-1.15	-36.1	19.16	13.64	0.00	-1
	92	12.95	9.15	-7.30	18.59	3.50	-37.7	20.25	16.45	0.00	0
	68	13.35	5.62	-7.79	18.18	0.78	-31.8	21.14	13.41	0.00	0
67	94	6.06	11.57	-7.96	17.23	0.39	-54.6	14.01	19.53	0.00	0
	70	4.49	4.52	-9.07	13.57	-4.57	-45.1	13.56	13.59	-4.58	-4
	93	10.48	10.03	-7.72	17.98	2.53	-44.2	18.20	17.75	0.00	0
	69	10.79	5.11	-8.83	17.23	-1.33	-36.1	19.63	13.95	0.00	-2
68	95	1.84	12.25	-6.28	15.20	-1.11	-64.8	8.11	18.53	-1.38	0
	71	-2.28	5.61	-7.76	10.37	-7.05	-58.5	5.48	13.38	-10.05	-2
	94	5.89	11.54	-7.96	17.16	0.27	-54.8	13.85	19.51	0.00	0
	70	4.08	4.46	-9.45	13.72	-5.18	-45.6	13.52	13.91	-5.37	-4
69	96	0.02	13.63	-6.10	15.97	-2.32	-69.1	6.12	19.73	-2.71	0
	72	-0.38	2.37	-5.29	6.46	-4.47	-52.3	4.91	7.65	-5.66	-2
	95	1.88	12.26	-7.00	15.78	-1.64	-63.3	8.88	19.25	-2.11	0
	71	-2.47	5.58	-6.18	8.93	-5.82	-61.5	3.71	11.76	-8.65	-0
70	98	2.55	9.30	8.48	15.05	-3.21	55.9	11.03	17.78	-5.19	0
	74	0.96	6.66	9.03	13.28	-5.67	53.8	9.99	15.70	-8.08	-2
	97	0.03	10.58	8.18	15.05	-4.43	61.4	8.22	18.77	-6.29	0
	73	-0.13	6.11	8.74	12.26	-6.29	54.8	8.60	14.84	-8.87	-2
71	99	5.84	8.22	9.23	16.34	-2.28	48.7	15.08	17.45	-3.39	-1
	75	4.38	5.70	10.56	15.62	-5.54	46.8	14.94	16.26	-6.18	-4
	98	2.50	9.29	8.24	14.81	-3.01	56.2	10.74	17.53	-4.80	0
	74	0.90	6.65	9.56	13.77	-6.21	53.4	10.47	16.22	-8.66	-2
72	100	9.63	6.80	9.58	17.90	-1.47	40.8	19.21	16.38	0.00	-2
	76	9.17	4.75	11.17	18.35	-4.42	39.4	20.35	15.92	-2.00	-6
	99	5.90	8.23	9.09	16.22	-2.10	48.6	14.99	17.31	-3.18	-0
	75	4.54	5.72	10.68	15.83	-5.56	46.6	15.22	16.40	-6.14	-4
73	101	12.69	5.52	9.78	19.52	-1.31	34.9	22.47	15.30	0.00	-2
	77	12.56	4.17	11.01	20.14	-3.42	34.6	23.57	15.18	0.00	-5
	100	9.69	6.80	9.74	18.09	-1.60	40.8	19.42	16.54	-0.05	-2
	76	9.21	4.76	10.97	18.17	-4.21	39.3	20.17	15.72	-1.76	-6
74	102	14.20	4.56	10.00	20.48	-1.72	32.1	24.20	14.56	0.00	-2
	78	14.07	3.80	10.77	20.87	-3.00	32.3	24.84	14.57	0.00	-4
	101	12.70	5.52	10.01	19.75	-1.53	35.1	22.71	15.53	0.00	-2
	77	12.54	4.17	10.79	19.92	-3.22	34.4	23.33	14.95	0.00	-5

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U4

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
75	103	13.89	3.89	10.25	20.29	-2.51	32.0	24.14	14.14	0.00	-3
	79	13.78	3.57	10.61	20.45	-3.10	32.1	24.39	14.17	0.00	-4
	102	14.19	4.56	10.22	20.67	-1.92	32.4	24.41	14.78	0.00	-2
	78	14.07	3.80	10.57	20.69	-2.82	32.1	24.64	14.38	0.00	-4
76	104	11.69	3.44	10.46	18.81	-3.68	34.2	22.15	13.90	0.00	-5
	80	11.74	3.47	10.42	18.81	-3.60	34.2	22.16	13.89	0.00	-5
	103	13.89	3.89	10.45	20.48	-2.70	32.2	24.34	14.34	0.00	-3
	79	13.78	3.57	10.41	20.28	-2.92	31.9	24.20	13.98	0.00	-4
77	105	7.55	3.23	10.47	16.08	-5.30	39.2	18.02	13.70	-2.92	-7
	81	8.02	3.53	10.02	16.04	-4.49	38.7	18.04	13.55	-2.00	-6
	104	11.69	3.44	10.67	19.01	-3.87	34.4	22.36	14.11	0.00	-6
	80	11.74	3.47	10.22	18.63	-3.42	34.0	21.96	13.69	0.00	-5
78	106	1.50	3.36	10.00	12.47	-7.62	47.7	11.50	13.36	-8.51	-6
	82	2.76	3.77	9.11	12.39	-5.85	46.6	11.87	12.88	-6.34	-5
	105	7.56	3.24	10.71	16.32	-5.52	39.3	18.27	13.94	-3.14	-7
	81	8.02	3.53	9.81	15.84	-4.29	38.6	17.83	13.34	-1.79	-6
79	107	-6.23	3.95	8.69	8.93	-11.22	60.2	2.47	12.64	-14.92	-4
	83	-3.82	4.15	7.34	8.52	-8.18	59.2	3.52	11.49	-11.15	-3
	106	1.49	3.36	10.26	12.73	-7.88	47.6	11.75	13.62	-8.77	-6
	82	2.77	3.77	8.90	12.19	-5.65	46.6	11.67	12.67	-6.14	-5
80	108	-14.52	4.73	6.30	6.60	-16.40	73.4	0.00	7.46	-20.82	-1
	84	-11.16	4.74	4.69	6.02	-12.44	74.7	0.00	6.71	-15.79	0
	107	-6.32	3.93	8.82	9.01	-11.40	60.1	2.50	12.75	-15.14	-4
	83	-3.86	4.15	7.21	8.39	-8.10	59.5	3.35	11.35	-11.06	-3
81	109	-29.65	26.72	15.19	30.55	-33.48	75.8	0.00	34.51	-38.29	0
	85	-25.08	25.00	10.85	27.25	-27.33	78.3	0.00	29.70	-29.78	0
	108	-14.91	21.07	20.66	30.47	-24.32	65.5	5.75	41.73	-35.18	0
	84	-11.52	19.92	16.32	26.86	-18.46	67.0	4.80	36.24	-24.90	0
82	110	-25.09	30.37	7.41	31.34	-26.06	82.5	0.00	32.56	-26.89	0
	86	-20.56	27.73	5.95	28.45	-21.28	83.1	0.00	29.45	-21.84	0
	109	-29.77	26.70	13.76	29.88	-32.94	77.0	0.00	33.06	-36.86	0
	85	-25.21	24.98	12.30	27.84	-28.07	76.9	0.00	30.99	-31.27	0
83	111	-14.29	7.54	-1.69	7.67	-14.42	-85.6	0.00	7.74	-14.67	0
	87	-10.95	7.08	-1.33	7.18	-11.05	-85.8	0.00	7.24	-11.20	0
	110	-24.65	6.42	1.78	6.52	-24.75	86.7	0.00	6.55	-25.14	0
	86	-20.11	6.11	2.15	6.29	-20.29	85.4	0.00	6.34	-20.86	0
84	112	-4.21	8.22	-4.25	9.53	-5.53	-72.8	0.04	12.47	-6.42	0
	88	-2.19	7.60	-3.54	8.74	-3.34	-72.0	1.35	11.14	-3.85	0
	111	-14.18	7.55	-1.87	7.71	-14.34	-85.1	0.00	7.80	-14.64	0
	87	-10.87	7.09	-1.16	7.17	-10.94	-86.3	0.00	7.22	-11.06	0
85	113	3.94	8.86	-5.61	12.53	0.28	-56.8	9.56	14.47	0.00	0
	89	4.99	7.91	-5.03	11.69	1.22	-53.1	10.02	12.94	0.00	0
	112	-4.17	8.22	-4.18	9.50	-5.45	-73.0	0.00	12.40	-6.29	0
	88	-2.15	7.60	-3.59	8.78	-3.33	-71.8	1.44	11.19	-3.85	0
86	114	9.63	9.61	-6.24	15.86	3.38	-44.9	15.87	15.85	0.00	0
	90	10.09	8.22	-5.99	15.22	3.09	-40.6	16.08	14.21	0.00	0
	113	3.96	8.86	-5.43	12.37	0.46	-57.1	9.39	14.30	0.00	0
	89	5.02	7.91	-5.19	11.85	1.08	-52.8	10.20	13.10	0.00	0
87	115	12.65	10.57	-6.47	18.16	5.06	-40.4	19.12	17.04	0.00	0
	91	12.78	8.62	-6.69	17.70	3.70	-36.4	19.47	15.31	0.00	0
	114	9.65	9.61	-6.00	15.63	3.63	-44.9	15.64	15.61	0.00	0
	90	10.10	8.22	-6.21	15.44	2.88	-40.7	16.31	14.44	0.00	0
88	116	13.01	11.86	-6.50	18.96	5.90	-42.5	19.51	18.36	0.00	0
	92	12.93	9.18	-7.28	18.57	3.54	-37.8	20.21	16.46	0.00	0
	115	12.66	10.57	-6.18	17.88	5.35	-40.2	18.84	16.75	0.00	0
	91	12.79	8.62	-6.95	17.96	3.45	-36.6	19.74	15.57	0.00	0
89	117	10.99	13.54	-6.36	18.75	5.78	-50.7	17.35	19.90	0.00	0
	93	10.52	10.04	-7.76	18.04	2.52	-44.1	18.27	17.80	0.00	0
	116	13.00	11.85	-6.19	18.64	6.21	-42.4	19.18	18.04	0.00	0
	92	12.95	9.19	-7.58	18.88	3.26	-38.0	20.53	16.77	0.00	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U4

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
90	118	7.43	15.44	-5.81	18.48	4.38	-62.3	13.23	21.24	0.00	0
	94	6.03	11.38	-7.73	16.89	0.52	-54.5	13.76	19.11	0.00	0
	117	10.94	13.53	-6.12	18.49	5.98	-51.0	17.05	19.65	0.00	0
	93	10.48	10.04	-8.05	18.31	2.21	-44.2	18.53	18.09	0.00	0
91	119	3.56	17.02	-5.06	18.71	1.87	-71.5	8.62	22.08	0.00	0
	95	1.92	12.77	-6.87	16.09	-1.41	-64.1	8.78	19.64	-1.78	0
	118	7.36	15.43	-5.88	18.53	4.26	-62.2	13.24	21.31	0.00	0
	94	5.86	11.35	-7.69	16.78	0.44	-54.8	13.55	19.05	0.00	0
92	120	0.05	18.86	-5.14	20.18	-1.27	-75.7	5.19	24.01	-1.36	0
	96	-0.12	12.71	-6.29	15.28	-2.69	-67.8	6.17	19.00	-3.23	0
	119	3.60	17.03	-5.25	18.84	1.79	-71.0	8.85	22.28	0.00	0
	95	1.96	12.77	-6.39	15.74	-1.01	-65.1	8.35	19.16	-1.24	0
93	122	3.17	10.27	7.02	14.59	-1.14	58.4	10.19	17.29	-1.63	0
	98	2.57	9.46	8.32	15.02	-3.00	56.2	10.89	17.78	-4.76	0
	121	0.02	11.63	6.89	14.83	-3.18	65.1	6.90	18.51	-4.06	0
	97	-0.02	10.25	8.19	14.78	-4.55	61.0	8.17	18.44	-6.56	0
94	123	6.63	8.88	7.42	15.26	0.25	49.3	14.06	16.30	0.00	0
	99	5.84	8.20	9.01	16.11	-2.07	48.7	14.85	17.22	-3.17	-0
	122	3.13	10.27	6.91	14.48	-1.08	58.6	10.05	17.18	-1.52	0
	98	2.53	9.45	8.50	15.17	-3.19	56.1	11.03	17.95	-5.12	0
95	124	10.28	7.31	7.87	16.80	0.79	39.7	18.14	15.17	0.00	0
	100	9.63	6.77	9.65	17.96	-1.56	40.8	19.28	16.43	-0.03	-2
	123	6.67	8.88	7.33	15.19	0.36	49.3	14.00	16.21	0.00	0
	99	5.90	8.21	9.12	16.25	-2.13	48.6	15.02	17.33	-3.22	-0
96	125	13.23	5.83	8.42	18.73	0.33	33.1	21.66	14.25	0.00	0
	101	12.69	5.52	10.00	19.73	-1.52	35.1	22.69	15.52	0.00	-2
	124	10.32	7.31	7.96	16.92	0.71	39.7	18.28	15.28	0.00	0
	100	9.68	6.78	9.54	17.88	-1.42	40.7	19.22	16.32	0.00	-2
97	126	14.73	4.59	9.08	20.06	-0.74	30.4	23.81	13.67	0.00	-1
	102	14.20	4.57	10.23	20.69	-1.92	32.4	24.43	14.80	0.00	-2
	125	13.25	5.83	8.63	18.94	0.14	33.4	21.88	14.46	0.00	0
	101	12.70	5.52	9.78	19.53	-1.31	34.9	22.48	15.30	0.00	-2
98	127	14.38	3.59	9.77	20.15	-2.18	30.5	24.16	13.36	0.00	-3
	103	13.89	3.89	10.46	20.49	-2.70	32.2	24.35	14.35	0.00	-3
	126	14.73	4.59	9.31	20.26	-0.94	30.7	24.03	13.90	0.00	-1
	102	14.19	4.57	10.00	20.48	-1.71	32.1	24.19	14.57	0.00	-2
99	128	12.03	2.75	10.41	18.79	-4.01	33.0	22.44	13.17	0.00	-6
	104	11.69	3.44	10.67	19.01	-3.87	34.4	22.36	14.12	0.00	-6
	127	14.38	3.59	9.98	20.33	-2.36	30.8	24.37	13.57	0.00	-3
	103	13.89	3.89	10.24	20.29	-2.51	32.0	24.13	14.14	0.00	-3
100	129	7.53	2.08	10.89	16.03	-6.42	38.0	18.42	12.97	-3.36	-8
	105	7.55	3.24	10.71	16.32	-5.52	39.3	18.26	13.95	-3.15	-7
	128	12.04	2.76	10.63	18.99	-4.20	33.2	22.66	13.38	0.00	-6
	104	11.69	3.45	10.45	18.80	-3.66	34.2	22.14	13.89	0.00	-5

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U5

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
1	26	-24.59	-27.74	9.03	-17.00	-35.33	40.1	0.00	0.00	-33.62	-36
	2	-19.24	1.01	9.70	4.91	-23.13	68.1	0.00	5.90	-28.94	-8
	25	0.62	-18.08	8.18	3.70	-21.15	20.6	4.33	0.00	-7.56	-26
	1	0.29	-0.40	8.85	8.80	-8.91	43.9	9.14	8.45	-8.56	-9
2	27	6.29	-7.13	17.26	18.09	-18.94	34.4	23.54	10.13	-10.97	-24
	3	-2.76	-0.95	12.24	10.42	-14.13	47.1	9.48	11.29	-15.00	-13
	26	-25.20	-27.83	14.09	-12.36	-40.67	42.3	0.00	0.00	-39.29	-41
	2	-18.15	1.17	9.07	4.77	-21.74	68.4	0.00	5.71	-27.22	-7
3	28	14.51	-1.02	17.93	26.28	-12.79	33.3	32.44	16.91	-3.42	-18
	4	14.71	0.07	16.51	25.44	-10.67	33.0	31.21	16.57	-1.80	-16
	27	4.94	-7.33	14.45	14.50	-16.90	33.5	19.39	7.12	-9.51	-21
	3	-2.13	-0.86	13.03	11.55	-14.54	46.4	10.90	12.17	-15.16	-13
4	29	21.18	1.33	17.52	31.40	-8.88	30.2	38.71	18.85	0.00	-13
	5	21.91	0.06	17.41	31.54	-9.57	28.9	39.32	17.47	0.00	-13
	28	15.36	-0.89	16.98	26.06	-11.59	32.2	32.33	16.09	-1.62	-17
	4	13.30	-0.15	16.87	24.74	-11.58	34.1	30.17	16.72	-3.57	-17
5	30	24.14	2.17	16.74	33.18	-6.87	28.4	40.88	18.92	0.00	-9
	6	25.06	0.06	16.77	33.48	-8.36	26.7	41.83	16.84	0.00	-11
	29	21.46	1.37	17.34	31.46	-8.62	30.0	38.80	18.71	0.00	-12
	5	21.39	-0.02	17.37	31.08	-9.72	29.2	38.75	17.35	0.00	-14
6	31	24.05	2.55	15.77	32.38	-5.78	27.9	39.81	18.32	0.00	-7
	7	25.12	0.06	15.60	32.60	-7.42	25.6	40.72	15.66	0.00	-9
	30	24.23	2.18	16.81	33.31	-6.89	28.4	41.04	18.99	0.00	-9
	6	24.86	0.03	16.64	33.21	-8.32	26.6	41.50	16.68	0.00	-11
7	32	21.38	2.79	14.61	29.40	-5.23	28.8	35.99	17.40	0.00	-7
	8	22.62	0.05	14.17	29.45	-6.78	25.7	36.78	14.22	0.00	-8
	31	24.08	2.56	15.89	32.51	-5.88	27.9	39.98	18.45	0.00	-7
	7	25.02	0.04	15.45	32.40	-7.34	25.5	40.47	15.50	0.00	-9
8	33	16.56	3.00	13.24	24.65	-5.10	31.4	29.80	16.24	0.00	-7
	9	17.99	0.03	12.54	24.44	-6.41	27.2	30.54	12.58	0.00	-8
	32	21.39	2.79	14.74	29.52	-5.33	28.9	36.12	17.53	0.00	-7
	8	22.54	0.04	14.04	29.28	-6.70	25.6	36.57	14.08	0.00	-8
9	34	10.11	3.07	11.58	18.69	-5.51	36.6	21.69	14.65	-1.48	-8
	10	11.78	-0.00	10.74	18.14	-6.36	30.6	22.52	10.74	0.00	-9
	33	16.53	2.99	13.30	24.69	-5.17	31.5	29.84	16.30	0.00	-7
	9	17.92	0.02	12.46	24.31	-6.37	27.2	30.38	12.49	0.00	-8
10	35	2.81	2.59	9.41	12.12	-6.71	44.7	12.23	12.01	-6.60	-6
	11	4.97	-0.14	8.76	11.54	-6.71	36.9	13.73	8.62	-3.79	-8
	34	10.03	3.06	11.45	18.51	-5.43	36.5	21.48	14.51	-1.43	-8
	10	11.69	-0.02	10.80	18.13	-6.45	30.8	22.50	10.79	0.00	-10
11	36	-5.50	0.68	4.64	3.16	-7.98	61.8	0.00	4.60	-10.14	-3
	12	3.10	0.38	4.59	6.52	-3.04	36.7	7.69	4.96	-1.48	-4
	35	3.02	2.62	9.03	11.85	-6.21	44.4	12.05	11.65	-6.01	-6
	11	4.03	-0.28	8.97	11.10	-7.36	38.2	13.00	8.69	-4.95	-9
12	37	-47.88	-10.38	7.84	-8.81	-49.45	78.7	0.00	0.00	-55.71	-18
	13	-39.84	0.54	8.26	2.16	-41.47	78.9	0.00	2.25	-48.10	-7
	36	-4.13	4.45	14.99	15.75	-15.44	53.0	10.87	19.44	-19.12	-10
	12	-0.27	-0.34	15.42	15.11	-15.72	44.9	15.15	15.08	-15.68	-15
13	38	-20.06	13.97	7.88	15.70	-21.80	77.6	0.00	17.06	-24.51	0
	14	-23.54	-0.16	2.95	0.20	-23.91	82.9	0.00	0.20	-26.49	-3
	37	-48.31	-10.45	12.37	-6.76	-51.99	73.4	0.00	0.00	-60.68	-22
	13	-38.39	0.76	7.43	2.12	-39.75	79.6	0.00	2.20	-45.82	-6
14	39	-8.30	3.88	-0.25	3.89	-8.30	-88.8	0.00	3.89	-8.32	0
	15	-5.75	0.24	-0.33	0.26	-5.77	-86.8	0.00	0.26	-6.08	-0
	38	-21.13	1.86	1.31	1.94	-21.21	86.7	0.00	1.94	-22.06	0
	14	-21.25	-2.19	1.23	-2.11	-21.33	86.3	0.00	0.00	-22.47	-3

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U5

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
15	40	3.80	5.02	-3.16	7.63	1.18	-50.5	6.96	8.18	0.00	0
	16	6.18	-0.01	-1.98	6.76	-0.59	-16.3	8.17	1.97	0.00	-0
	39	-7.96	3.93	-0.78	3.98	-8.01	-86.3	0.00	4.01	-8.11	0
	15	-6.18	0.17	0.40	0.20	-6.21	86.4	0.00	0.20	-6.58	-0
16	41	13.49	5.17	-5.80	16.46	2.19	-27.2	19.28	10.96	0.00	0
	17	15.66	0.05	-4.64	16.93	-1.22	-15.4	20.30	4.69	0.00	-1
	40	3.91	5.04	-3.25	7.77	1.18	-49.9	7.16	8.28	0.00	0
	16	6.08	-0.03	-2.09	6.72	-0.68	-17.2	8.17	2.06	0.00	-0
17	42	20.30	5.05	-8.11	23.81	1.54	-23.4	28.41	13.17	0.00	0
	18	22.18	0.06	-7.20	24.32	-2.08	-16.5	29.38	7.25	0.00	-2
	41	13.52	5.17	-5.69	16.40	2.29	-26.9	19.21	10.86	0.00	0
	17	15.69	0.06	-4.77	17.03	-1.28	-15.7	20.46	4.83	0.00	-1
18	43	23.70	4.71	-10.12	28.08	0.33	-23.4	33.82	14.83	0.00	0
	19	25.21	0.05	-9.55	28.43	-3.16	-18.6	34.76	9.60	0.00	-3
	42	20.28	5.05	-7.96	23.68	1.65	-23.1	28.24	13.01	0.00	0
	18	22.29	0.07	-7.39	24.52	-2.16	-16.8	29.68	7.46	0.00	-2
19	44	23.23	3.94	-11.67	28.72	-1.55	-25.2	34.90	15.61	0.00	-1
	20	24.00	0.01	-11.42	28.57	-4.56	-21.8	35.43	11.43	0.00	-5
	43	23.62	4.70	-9.99	27.91	0.40	-23.3	33.61	14.69	0.00	0
	19	25.42	0.09	-9.74	28.74	-3.23	-18.8	35.17	9.83	0.00	-3
20	45	18.37	1.79	-12.31	24.92	-4.76	-28.0	30.68	14.10	0.00	-6
	21	17.19	-0.11	-12.08	23.40	-6.32	-27.2	29.27	11.97	0.00	-8
	44	22.96	3.90	-11.77	28.57	-1.71	-25.5	34.72	15.67	0.00	-2
	20	24.53	0.08	-11.54	29.12	-4.50	-21.7	36.07	11.62	0.00	-5
21	46	8.11	-4.42	-10.81	14.33	-10.65	-29.9	18.91	6.38	-2.70	-15
	22	1.97	-0.83	-9.46	10.14	-8.99	-40.8	11.43	8.63	-7.48	-10
	45	17.54	1.66	-13.15	24.96	-5.76	-29.4	30.69	14.82	0.00	-8
	21	18.57	0.09	-11.81	24.32	-5.66	-26.0	30.38	11.90	0.00	-7
22	47	-23.09	-24.52	-11.52	-12.27	-35.35	-43.2	0.00	0.00	-34.61	-36
	23	-15.04	1.29	-6.84	3.78	-17.53	-70.0	0.00	4.40	-21.88	-5
	46	9.48	-4.22	-13.47	17.75	-12.48	-31.5	22.96	9.26	-3.99	-17
	22	1.30	-0.93	-8.80	9.06	-8.68	-41.4	10.10	7.87	-7.50	-9
23	48	0.76	-13.72	-6.21	3.06	-16.02	-20.3	3.57	0.00	-5.46	-19
	24	-0.12	-0.72	-7.51	7.09	-7.94	-43.8	7.39	6.78	-7.63	-8
	47	-22.54	-24.44	-6.24	-17.18	-29.81	-40.7	0.00	0.00	-28.79	-30
	23	-15.96	1.15	-7.54	4.00	-18.81	-69.3	0.00	4.71	-23.50	-6
24	50	-5.44	3.63	15.50	15.25	-17.05	53.2	10.06	19.13	-20.94	-11
	26	-23.88	-23.05	12.58	-10.89	-36.05	45.9	0.00	0.00	-36.46	-35
	49	-0.64	-3.22	10.74	8.89	-12.75	41.6	10.10	7.52	-11.39	-13
	25	0.55	-18.54	7.82	3.35	-21.33	19.7	3.85	0.00	-7.26	-26
25	51	4.17	1.21	19.11	21.85	-16.47	42.8	23.27	20.32	-14.94	-17
	27	6.23	-7.54	16.00	16.76	-18.08	33.4	22.23	8.46	-9.78	-23
	50	-5.14	3.68	13.90	13.85	-15.32	53.8	8.77	17.58	-19.04	-10
	26	-24.49	-23.15	10.80	-13.00	-34.64	46.8	0.00	0.00	-35.30	-33
26	52	15.42	2.62	18.88	28.95	-10.92	35.6	34.29	21.50	-3.46	-16
	28	14.52	-0.96	16.68	25.17	-11.61	32.6	31.20	15.72	-2.16	-17
	51	4.85	1.31	19.32	22.48	-16.32	42.4	24.17	20.64	-14.47	-18
	27	4.88	-7.74	17.12	16.82	-19.68	34.9	22.00	9.38	-12.25	-24
27	53	21.06	3.90	17.93	32.36	-7.40	32.2	38.99	21.83	0.00	-11
	29	21.17	1.26	17.22	31.10	-8.67	30.0	38.39	18.48	0.00	-12
	52	15.11	2.57	18.49	28.36	-10.68	35.6	33.60	21.06	-3.38	-15
	28	15.36	-0.83	17.77	26.80	-12.26	32.8	33.14	16.94	-2.41	-18
28	54	23.60	4.42	17.01	33.54	-5.52	30.3	40.61	21.43	0.00	-7
	30	24.13	2.15	16.75	33.18	-6.89	28.4	40.89	18.91	0.00	-9
	53	21.05	3.90	17.74	32.17	-7.23	32.1	38.78	21.63	0.00	-11
	29	21.45	1.30	17.48	31.55	-8.80	30.0	38.93	18.78	0.00	-12
29	55	23.32	4.65	16.18	32.66	-4.70	30.0	39.50	20.82	0.00	-6
	31	24.05	2.55	15.89	32.48	-5.88	28.0	39.93	18.43	0.00	-7
	54	23.62	4.42	17.04	33.58	-5.54	30.3	40.66	21.46	0.00	-7
	30	24.23	2.17	16.75	33.25	-6.85	28.3	40.97	18.92	0.00	-9

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U5

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
30	56	20.43	4.82	15.30	29.80	-4.55	31.5	35.73	20.12	0.00	-6
	32	21.38	2.80	14.76	29.53	-5.35	28.9	36.14	17.55	0.00	-7
	55	23.33	4.65	16.31	32.79	-4.81	30.1	39.64	20.96	0.00	-6
	31	24.08	2.55	15.77	32.41	-5.77	27.8	39.85	18.32	0.00	-7
31	57	15.21	5.02	14.18	25.18	-4.95	35.1	29.38	19.20	0.00	-8
	33	16.56	3.00	13.35	24.75	-5.19	31.5	29.90	16.34	0.00	-7
	56	20.42	4.82	15.45	29.93	-4.69	31.6	35.87	20.27	0.00	-6
	32	21.39	2.80	14.62	29.42	-5.23	28.8	36.01	17.42	0.00	-7
32	58	8.07	5.13	12.50	19.19	-5.99	41.7	20.57	17.63	-4.43	-7
	34	10.10	3.05	11.54	18.64	-5.49	36.5	21.64	14.59	-1.44	-8
	57	15.17	5.02	14.25	25.22	-5.03	35.2	29.41	19.26	0.00	-8
	33	16.53	2.99	13.29	24.68	-5.15	31.5	29.82	16.28	0.00	-7
33	59	-0.62	4.73	9.73	12.15	-8.03	52.7	9.11	14.47	-10.35	-5
	35	2.82	2.64	9.04	11.77	-6.31	44.7	11.86	11.68	-6.22	-6
	58	8.02	5.13	12.37	19.03	-5.88	41.7	20.39	17.50	-4.35	-7
	34	10.02	3.04	11.68	18.72	-5.66	36.7	21.70	14.72	-1.66	-8
34	60	-11.98	4.14	4.86	5.49	-13.33	74.4	0.00	6.11	-16.84	-0
	36	-5.53	0.47	4.78	3.11	-8.17	61.1	0.00	4.60	-10.30	-4
	59	-0.46	4.76	9.56	12.06	-7.76	52.6	9.10	14.32	-10.02	-4
	35	3.02	2.67	9.47	12.32	-6.63	44.5	12.50	12.14	-6.45	-6
35	61	-37.82	28.26	14.09	31.14	-40.70	78.4	0.00	33.51	-44.85	0
	37	-47.32	-6.66	11.21	-3.77	-50.21	75.6	0.00	0.00	-58.53	-17
	60	-12.43	18.17	18.08	26.55	-20.81	65.1	5.64	36.25	-30.42	0
	36	-4.23	3.76	15.19	15.47	-15.95	52.4	10.96	18.95	-19.42	-11
36	62	-25.98	28.55	10.53	30.52	-27.95	79.4	0.00	32.82	-29.87	0
	38	-20.24	12.80	6.50	14.04	-21.47	79.3	0.00	14.89	-23.53	0
	61	-38.17	28.20	12.99	30.66	-40.62	79.3	0.00	32.63	-44.16	0
	37	-47.75	-6.72	8.96	-4.85	-49.62	78.2	0.00	0.00	-56.71	-15
37	63	-11.01	8.12	-0.63	8.14	-11.03	-88.1	0.00	8.16	-11.06	0
	39	-8.28	4.00	-0.94	4.08	-8.35	-85.7	0.00	4.11	-8.50	0
	62	-25.28	5.82	2.89	6.09	-25.55	84.7	0.00	6.15	-26.72	0
	38	-21.18	1.52	2.58	1.81	-21.47	83.6	0.00	1.83	-23.76	-1
38	64	1.28	9.17	-4.09	10.91	-0.46	-67.0	5.38	13.26	-0.54	0
	40	3.78	4.93	-3.36	7.77	0.95	-49.9	7.14	8.30	0.00	0
	63	-11.05	8.12	-1.11	8.18	-11.12	-86.7	0.00	8.23	-11.21	0
	39	-7.94	4.06	-0.38	4.07	-7.95	-88.2	0.00	4.07	-7.97	0
39	65	11.45	9.53	-6.80	17.36	3.62	-41.0	18.25	16.33	0.00	0
	41	13.49	5.16	-5.76	16.43	2.22	-27.1	19.25	10.92	0.00	0
	64	1.35	9.18	-4.25	11.04	-0.51	-66.3	5.60	13.42	-0.62	0
	40	3.90	4.95	-3.21	7.68	1.17	-49.7	7.11	8.16	0.00	0
40	66	18.66	9.60	-8.91	24.13	4.13	-31.5	27.58	18.52	0.00	0
	42	20.29	5.04	-7.98	23.71	1.63	-23.2	28.28	13.03	0.00	0
	65	11.49	9.53	-6.74	17.33	3.70	-40.9	18.24	16.27	0.00	0
	41	13.52	5.16	-5.81	16.50	2.19	-27.1	19.33	10.98	0.00	0
41	67	22.38	9.52	-10.65	28.39	3.51	-29.4	33.03	20.17	0.00	0
	43	23.70	4.70	-10.00	27.99	0.41	-23.2	33.70	14.70	0.00	0
	66	18.67	9.61	-8.77	24.01	4.27	-31.3	27.44	18.37	0.00	0
	42	20.28	5.04	-8.12	23.79	1.53	-23.4	28.39	13.16	0.00	0
42	68	22.20	9.17	-12.19	29.51	1.86	-30.9	34.39	21.36	0.00	0
	44	23.22	3.88	-11.72	28.75	-1.65	-25.2	34.94	15.60	0.00	-2
	67	22.37	9.52	-10.55	28.29	3.60	-29.3	32.91	20.07	0.00	0
	43	23.61	4.69	-10.08	27.97	0.33	-23.4	33.69	14.76	0.00	0
43	69	17.57	8.12	-13.71	27.34	-1.66	-35.5	31.27	21.82	0.00	-2
	45	18.38	1.86	-12.99	25.52	-5.27	-28.8	31.37	14.85	0.00	-7
	68	22.22	9.17	-12.28	29.60	1.79	-31.0	34.50	21.45	0.00	0
	44	22.95	3.84	-11.56	28.39	-1.61	-25.2	34.51	15.40	0.00	-1
44	70	7.49	7.31	-15.27	22.66	-7.87	-44.8	22.75	22.57	-7.78	-7
	46	8.04	-4.83	-13.34	16.42	-13.20	-32.1	21.38	8.51	-5.29	-18
	69	17.88	8.16	-13.96	27.80	-1.76	-35.4	31.84	22.12	0.00	-2
	45	17.55	1.74	-12.03	24.04	-4.75	-28.3	29.58	13.76	0.00	-6

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U5

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
45	71	-3.40	10.35	-10.50	16.03	-9.08	-61.6	7.10	20.85	-13.90	-0
	47	-22.38	-19.80	-8.01	-12.98	-29.21	-49.6	0.00	0.00	-30.39	-27
	70	6.80	7.20	-14.88	21.89	-7.88	-45.4	21.69	22.08	-8.08	-7
	46	9.42	-4.62	-12.39	16.64	-11.84	-30.2	21.81	7.76	-2.96	-17
46	72	-0.63	4.22	-7.80	9.96	-6.38	-53.6	7.17	12.02	-8.44	-3
	48	0.67	-14.32	-5.84	2.67	-16.33	-19.0	3.05	0.00	-5.17	-20
	71	-3.71	10.30	-11.95	17.15	-10.56	-60.2	8.24	22.25	-15.66	-1
	47	-21.83	-19.72	-9.99	-10.73	-30.82	-48.0	0.00	0.00	-31.82	-29
47	74	1.54	10.63	15.48	22.22	-10.05	53.2	17.02	26.11	-13.94	-4
	50	-5.56	2.80	13.30	12.56	-15.32	53.7	7.74	16.10	-18.86	-10
	73	0.01	12.11	13.62	20.96	-8.84	57.0	13.63	25.73	-13.61	-1
	49	-0.64	-3.18	11.44	9.60	-13.42	41.8	10.80	8.26	-12.08	-14
48	75	7.33	10.16	17.42	26.22	-8.73	47.3	24.74	27.57	-10.09	-7
	51	4.22	1.53	19.19	22.11	-16.36	43.0	23.41	20.72	-14.97	-17
	74	1.45	10.62	14.21	20.97	-8.90	53.9	15.66	24.83	-12.76	-3
	50	-5.26	2.84	15.99	15.29	-17.70	52.1	10.73	18.83	-21.25	-13
49	76	15.13	8.23	17.39	29.41	-6.05	39.4	32.52	25.63	-2.26	-9
	52	15.47	2.95	18.85	29.07	-10.66	35.8	34.32	21.80	-3.39	-15
	75	7.59	10.20	17.27	26.21	-8.42	47.2	24.86	27.46	-9.67	-7
	51	4.90	1.63	18.73	22.06	-15.53	42.5	23.63	20.36	-13.83	-17
50	77	20.69	7.20	17.10	32.33	-4.44	34.2	37.79	24.30	0.00	-6
	53	21.07	3.98	17.83	32.30	-7.25	32.2	38.90	21.81	0.00	-11
	76	15.19	8.24	17.81	29.86	-6.43	39.5	33.00	26.05	-2.62	-9
	52	15.16	2.90	18.54	28.56	-10.50	35.9	33.70	21.44	-3.38	-15
51	78	23.24	6.58	16.66	33.54	-3.72	31.7	39.91	23.25	0.00	-5
	54	23.60	4.46	17.05	33.59	-5.53	30.3	40.66	21.51	0.00	-7
	77	20.66	7.20	17.34	32.53	-4.67	34.4	38.00	24.54	0.00	-7
	53	21.06	3.97	17.73	32.20	-7.17	32.1	38.79	21.71	0.00	-10
52	79	22.90	6.18	16.28	32.85	-3.76	31.4	39.19	22.47	0.00	-5
	55	23.32	4.67	16.33	32.80	-4.81	30.1	39.65	20.99	0.00	-6
	78	23.24	6.58	16.87	33.73	-3.91	31.9	40.11	23.46	0.00	-5
	54	23.63	4.46	16.92	33.49	-5.40	30.2	40.55	21.38	0.00	-7
53	80	19.77	5.99	15.87	30.18	-4.42	33.3	35.64	21.86	0.00	-6
	56	20.43	4.84	15.48	29.97	-4.70	31.6	35.91	20.32	0.00	-6
	79	22.91	6.18	16.52	33.06	-3.97	31.6	39.42	22.70	0.00	-5
	55	23.33	4.67	16.13	32.64	-4.64	30.0	39.46	20.80	0.00	-6
54	81	13.98	6.04	15.15	25.67	-5.65	37.7	29.13	21.19	-1.17	-9
	57	15.21	5.05	14.32	25.33	-5.07	35.2	29.53	19.37	0.00	-8
	80	19.77	5.99	16.11	30.40	-4.64	33.4	35.88	22.10	0.00	-7
	56	20.42	4.84	15.28	29.78	-4.52	31.5	35.70	20.12	0.00	-6
55	82	5.75	6.32	13.69	19.73	-7.65	45.6	19.44	20.01	-7.94	-7
	58	8.08	5.19	12.50	19.22	-5.95	41.7	20.58	17.69	-4.43	-7
	81	13.98	6.04	15.36	25.87	-5.86	37.8	29.33	21.40	-1.38	-9
	57	15.17	5.05	14.17	25.16	-4.94	35.2	29.34	19.22	0.00	-8
56	83	-4.54	6.97	10.94	13.58	-11.14	58.9	6.40	17.91	-15.48	-3
	59	-0.60	4.85	9.57	12.07	-7.82	52.9	8.97	14.42	-10.17	-4
	82	5.76	6.32	13.85	19.89	-7.81	45.6	19.61	20.18	-8.09	-7
	58	8.03	5.18	12.48	19.16	-5.96	41.7	20.50	17.66	-4.45	-7
57	84	-16.05	7.94	7.16	9.91	-18.03	74.6	0.00	11.13	-22.51	0
	60	-11.94	4.39	5.45	6.04	-13.59	73.1	0.00	6.88	-17.39	-1
	83	-4.60	6.97	11.12	13.72	-11.36	58.7	6.52	18.09	-15.73	-4
	59	-0.44	4.87	9.41	12.00	-7.57	52.9	8.97	14.29	-9.86	-4
58	85	-37.76	39.85	18.91	44.21	-42.12	77.0	0.00	49.32	-46.73	0
	61	-38.01	27.04	12.39	29.32	-40.29	79.6	0.00	31.08	-43.69	0
	84	-16.61	32.42	24.12	42.30	-26.49	67.7	7.51	56.54	-34.55	0
	60	-12.31	19.02	17.61	26.92	-20.21	65.8	5.30	36.63	-28.60	0
59	86	-30.33	44.51	11.05	46.11	-31.93	81.8	0.00	48.54	-33.08	0
	62	-25.85	29.46	9.85	31.16	-27.55	80.2	0.00	33.21	-29.14	0
	85	-37.97	39.82	16.45	43.16	-41.31	78.5	0.00	46.95	-44.77	0
	61	-38.36	26.98	15.25	30.37	-41.74	77.5	0.00	33.05	-46.98	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U5

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
60	87	-15.32	11.47	-1.45	11.55	-15.40	-86.9	0.00	11.61	-15.50	0
	63	-11.00	8.16	-1.09	8.22	-11.06	-86.8	0.00	8.27	-11.15	0
	86	-29.66	10.09	2.82	10.29	-29.86	86.0	0.00	10.36	-30.45	0
	62	-25.24	6.09	3.18	6.41	-25.56	84.3	0.00	6.49	-26.91	0
61	88	-1.66	12.26	-5.21	13.99	-3.39	-71.6	3.55	17.47	-3.87	0
	64	1.29	9.19	-4.31	11.09	-0.60	-66.3	5.59	13.50	-0.73	0
	87	-15.20	11.49	-1.71	11.60	-15.31	-86.4	0.00	11.68	-15.45	0
	63	-11.05	8.15	-0.80	8.19	-11.08	-87.6	0.00	8.21	-11.13	0
62	89	9.51	12.80	-7.76	19.09	3.23	-51.0	17.28	20.57	0.00	0
	65	11.46	9.55	-6.76	17.33	3.67	-41.0	18.22	16.31	0.00	0
	88	-1.60	12.27	-5.22	14.01	-3.34	-71.5	3.62	17.49	-3.82	0
	64	1.35	9.20	-4.22	11.04	-0.48	-66.5	5.57	13.42	-0.58	0
63	90	17.37	13.34	-9.46	25.03	5.68	-39.0	26.83	22.80	0.00	0
	66	18.67	9.63	-8.74	23.99	4.30	-31.3	27.41	18.37	0.00	0
	89	9.55	12.81	-7.60	18.95	3.41	-51.1	17.15	20.41	0.00	0
	65	11.50	9.55	-6.88	17.47	3.58	-41.0	18.38	16.43	0.00	0
64	91	21.44	14.02	-10.70	29.05	6.40	-35.4	32.14	24.72	0.00	0
	67	22.38	9.57	-10.46	28.24	3.71	-29.3	32.85	20.03	0.00	0
	90	17.39	13.34	-9.20	24.78	5.95	-38.8	26.59	22.54	0.00	0
	66	18.68	9.63	-8.96	24.19	4.12	-31.6	27.64	18.59	0.00	0
65	92	21.45	14.97	-11.79	30.44	5.98	-37.3	33.24	26.76	0.00	0
	68	22.21	9.25	-12.08	29.44	2.02	-30.9	34.29	21.33	0.00	0
	91	21.45	14.02	-10.40	28.78	6.69	-35.2	31.85	24.42	0.00	0
	67	22.37	9.56	-10.69	28.43	3.51	-29.5	33.06	20.25	0.00	0
66	93	17.38	16.48	-12.75	29.69	4.17	-44.0	30.13	29.23	0.00	0
	69	17.62	8.45	-13.63	27.41	-1.34	-35.7	31.24	22.08	0.00	-2
	92	21.48	14.97	-11.43	30.11	6.35	-37.1	32.91	26.40	0.00	0
	68	22.23	9.25	-12.30	29.65	1.83	-31.1	34.53	21.55	0.00	0
67	94	10.04	19.04	-12.63	27.95	1.13	-54.8	22.66	31.67	0.00	0
	70	7.53	7.62	-14.52	22.10	-6.94	-45.1	22.05	22.14	-6.99	-6
	93	17.32	16.47	-12.19	29.09	4.70	-44.0	29.51	28.66	0.00	0
	69	17.93	8.50	-14.08	28.06	-1.63	-35.7	32.01	22.58	0.00	-2
68	95	3.10	20.22	-9.94	24.77	-1.45	-65.4	13.04	30.15	-1.78	0
	71	-3.53	9.49	-12.43	17.01	-11.05	-58.8	8.90	21.92	-15.96	-2
	94	9.76	19.00	-12.64	27.84	0.93	-55.0	22.40	31.64	0.00	0
	70	6.85	7.52	-15.13	22.32	-7.95	-45.6	21.98	22.65	-8.28	-7
69	96	0.03	22.52	-9.66	26.11	-3.55	-69.7	9.69	32.19	-4.11	0
	72	-0.62	4.28	-8.42	10.60	-6.94	-53.1	7.79	12.70	-9.04	-4
	95	3.17	20.23	-11.10	25.70	-2.30	-63.8	14.28	31.33	-2.92	0
	71	-3.84	9.44	-9.86	14.68	-9.08	-62.0	6.02	19.30	-13.69	-0
70	98	4.21	15.81	13.48	24.68	-4.66	56.6	17.69	29.29	-7.28	0
	74	1.66	11.47	14.43	21.81	-8.67	54.4	16.09	25.90	-12.77	-2
	97	0.06	17.93	13.01	24.78	-6.79	62.2	13.07	30.95	-9.39	0
	73	-0.21	10.63	13.97	20.19	-9.77	55.6	13.76	24.60	-14.18	-3
71	99	9.61	14.01	14.65	26.62	-3.01	49.3	24.26	28.66	-5.04	-0
	75	7.28	9.86	16.86	25.47	-8.34	47.2	24.14	26.71	-9.57	-7
	98	4.14	15.80	13.08	24.29	-4.35	57.0	17.22	28.88	-6.69	0
	74	1.58	11.46	15.28	22.58	-9.55	54.0	16.86	26.74	-13.71	-3
72	100	15.80	11.66	15.15	29.02	-1.56	41.1	30.94	26.80	0.00	-2
	76	15.14	8.25	17.78	29.80	-6.41	39.5	32.92	26.03	-2.64	-9
	99	9.70	14.02	14.41	26.44	-2.71	49.3	24.12	28.43	-4.71	-0
	75	7.55	9.89	17.05	25.81	-8.36	47.0	24.59	26.94	-9.50	-7
73	101	20.81	9.55	15.39	31.57	-1.20	34.9	36.20	24.94	0.00	-1
	77	20.70	7.26	17.42	32.66	-4.69	34.5	38.12	24.69	0.00	-7
	100	15.89	11.67	15.41	29.33	-1.77	41.1	31.29	27.08	0.00	-3
	76	15.19	8.26	17.44	29.51	-6.06	39.4	32.64	25.71	-2.25	-9
74	102	23.34	7.97	15.64	33.08	-1.77	31.9	38.98	23.61	0.00	-2
	78	23.25	6.63	16.93	33.80	-3.92	31.9	40.18	23.56	0.00	-5
	101	20.83	9.55	15.77	31.93	-1.55	35.2	36.59	25.32	0.00	-2
	77	20.67	7.26	17.06	32.30	-4.36	34.3	37.73	24.32	0.00	-6

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U5

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
75	103	22.98	6.86	15.93	32.77	-2.94	31.6	38.91	22.79	0.00	-4
	79	22.91	6.21	16.55	33.10	-3.98	31.6	39.46	22.76	0.00	-5
	102	23.34	7.97	15.99	33.40	-2.09	32.2	39.33	23.96	0.00	-2
	78	23.24	6.63	16.61	33.51	-3.64	31.7	39.85	23.24	0.00	-5
76	104	19.60	6.13	16.17	30.38	-4.65	33.7	35.77	22.30	0.00	-7
	80	19.77	6.02	16.15	30.45	-4.65	33.5	35.92	22.16	0.00	-7
	103	22.97	6.86	16.27	33.07	-3.23	31.8	39.24	23.13	0.00	-4
	79	22.91	6.21	16.24	32.82	-3.70	31.4	39.15	22.45	0.00	-5
77	105	13.18	5.79	16.10	26.00	-7.03	38.5	29.28	21.89	-2.92	-10
	81	13.99	6.08	15.43	25.96	-5.89	37.8	29.41	21.51	-1.44	-9
	104	19.61	6.13	16.51	30.70	-4.96	33.9	36.12	22.64	0.00	-7
	80	19.77	6.02	15.83	30.16	-4.37	33.3	35.61	21.85	0.00	-6
78	106	3.77	5.97	15.31	20.22	-10.49	47.0	19.09	21.28	-11.54	-9
	82	5.77	6.41	13.94	20.04	-7.85	45.7	19.71	20.35	-8.17	-7
	105	13.20	5.79	16.47	26.38	-7.39	38.7	29.68	22.26	-3.27	-10
	81	13.98	6.08	15.10	25.64	-5.58	37.7	29.08	21.18	-1.12	-9
79	107	-8.23	6.87	13.28	14.59	-15.95	59.8	5.05	20.15	-21.50	-6
	83	-4.54	6.98	11.18	13.80	-11.36	58.6	6.64	18.16	-15.72	-4
	106	3.76	5.96	15.72	20.62	-10.89	47.0	19.48	21.68	-11.95	-9
	82	5.77	6.41	13.62	19.72	-7.53	45.7	19.39	20.04	-7.85	-7
80	108	-21.09	8.06	9.64	10.96	-23.99	73.3	0.00	12.46	-30.73	-1
	84	-16.06	7.87	7.14	9.84	-18.03	74.6	0.00	11.05	-22.55	0
	107	-8.37	6.85	13.47	14.71	-16.23	59.7	5.09	20.32	-21.84	-6
	83	-4.60	6.97	10.97	13.59	-11.22	58.9	6.37	17.95	-15.58	-4
81	109	-44.38	43.26	23.42	49.13	-50.24	75.9	0.00	55.63	-57.06	0
	85	-37.73	40.08	16.73	43.52	-41.17	78.4	0.00	47.50	-44.72	0
	108	-21.69	34.62	31.60	48.79	-35.85	65.9	9.91	66.22	-50.52	0
	84	-16.64	32.21	24.91	42.67	-27.10	67.2	8.26	57.12	-35.90	0
82	110	-37.12	48.83	11.71	50.40	-38.69	82.4	0.00	52.53	-39.93	0
	86	-30.39	44.17	9.54	45.37	-31.59	82.8	0.00	47.17	-32.45	0
	109	-44.56	43.24	21.19	48.08	-49.40	77.1	0.00	53.31	-54.94	0
	85	-37.94	40.04	19.02	44.44	-42.33	77.0	0.00	49.58	-46.97	0
83	111	-20.39	12.38	-2.41	12.55	-20.56	-85.8	0.00	12.66	-20.86	0
	87	-15.32	11.49	-1.83	11.61	-15.44	-86.1	0.00	11.71	-15.61	0
	110	-36.44	10.65	2.83	10.82	-36.61	86.6	0.00	10.87	-37.20	0
	86	-29.67	9.99	3.42	10.28	-29.97	85.1	0.00	10.38	-30.84	0
84	112	-4.77	13.43	-6.34	15.42	-6.77	-72.6	1.57	19.77	-7.77	0
	88	-1.65	12.31	-5.25	14.06	-3.40	-71.5	3.60	17.56	-3.89	0
	111	-20.21	12.40	-2.67	12.62	-20.43	-85.3	0.00	12.76	-20.79	0
	87	-15.19	11.51	-1.58	11.60	-15.29	-86.6	0.00	11.67	-15.41	0
85	113	7.84	14.44	-8.47	20.24	2.05	-55.6	16.32	22.92	0.00	0
	89	9.52	12.84	-7.59	18.95	3.41	-51.2	17.11	20.43	0.00	0
	112	-4.71	13.44	-6.21	15.36	-6.63	-72.8	1.50	19.65	-7.58	0
	88	-1.59	12.32	-5.33	14.13	-3.40	-71.3	3.74	17.65	-3.90	0
86	114	16.59	15.65	-9.50	25.63	6.61	-43.6	26.10	25.15	0.00	0
	90	17.38	13.37	-9.17	24.76	5.98	-38.8	26.55	22.55	0.00	0
	113	7.87	14.45	-8.18	19.97	2.35	-55.9	16.05	22.63	0.00	0
	89	9.55	12.84	-7.85	19.22	3.18	-50.9	17.41	20.69	0.00	0
87	115	21.14	17.22	-9.93	29.30	9.06	-39.4	31.07	27.15	0.00	0
	91	21.44	14.07	-10.35	28.74	6.77	-35.2	31.80	24.42	0.00	0
	114	16.62	15.65	-9.11	25.26	7.01	-43.5	25.73	24.76	0.00	0
	90	17.40	13.37	-9.53	25.12	5.65	-39.0	26.93	22.90	0.00	0
88	116	21.48	19.34	-10.07	30.53	10.28	-42.0	31.55	29.40	0.00	0
	92	21.46	15.03	-11.39	30.08	6.42	-37.1	32.85	26.42	0.00	0
	115	21.16	17.22	-9.46	28.85	9.53	-39.1	30.62	26.68	0.00	0
	91	21.46	14.07	-10.78	29.16	6.37	-35.5	32.24	24.85	0.00	0
89	117	18.07	22.11	-9.91	30.21	9.97	-50.8	27.98	32.03	0.00	0
	93	17.38	16.50	-12.24	29.19	4.69	-44.0	29.63	28.74	0.00	0
	116	21.47	19.33	-9.55	30.01	10.79	-41.8	31.02	28.89	0.00	0
	92	21.49	15.04	-11.88	30.58	5.95	-37.4	33.38	26.92	0.00	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U5

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
90	118	12.19	25.24	-9.07	29.89	7.54	-62.9	21.26	34.31	0.00	0
	94	9.99	18.73	-12.27	27.39	1.34	-54.8	22.26	31.00	0.00	0
	117	17.97	22.10	-9.52	29.78	10.30	-51.1	27.49	31.62	0.00	0
	93	17.33	16.49	-12.72	29.63	4.18	-44.1	30.04	29.20	0.00	0
91	119	5.85	27.86	-7.90	30.40	3.31	-72.2	13.75	35.76	0.00	0
	95	3.23	21.05	-10.90	26.22	-1.94	-64.6	14.13	31.95	-2.42	0
	118	12.09	25.22	-9.20	29.96	7.35	-62.8	21.28	34.42	0.00	0
	94	9.72	18.69	-12.20	27.21	1.21	-55.1	21.92	30.89	0.00	0
92	120	0.08	30.89	-8.05	32.87	-1.90	-76.2	8.12	38.94	-2.02	0
	96	-0.19	21.04	-9.96	24.98	-4.13	-68.4	9.77	31.00	-4.91	0
	119	5.91	27.87	-8.21	30.60	3.18	-71.6	14.13	36.08	0.00	0
	95	3.30	21.06	-10.13	25.65	-1.29	-65.6	13.43	31.19	-1.57	0
93	122	5.19	17.40	11.06	23.93	-1.34	59.4	16.25	28.46	-1.84	0
	98	4.25	16.06	13.22	24.64	-4.33	57.0	17.47	29.29	-6.64	0
	121	0.03	19.62	10.86	24.45	-4.80	66.0	10.89	30.48	-5.98	0
	97	-0.02	17.39	13.02	24.35	-6.98	61.9	13.00	30.41	-9.77	0
94	123	10.83	15.10	11.68	24.84	1.10	50.2	22.51	26.78	0.00	0
	99	9.60	13.99	14.30	26.26	-2.67	49.4	23.90	28.28	-4.69	-0
	122	5.13	17.39	10.89	23.76	-1.23	59.7	16.02	28.28	-1.69	0
	98	4.18	16.05	13.51	24.87	-4.64	56.9	17.69	29.56	-7.19	0
95	124	16.76	12.53	12.33	27.16	2.13	40.1	29.10	24.86	0.00	0
	100	15.79	11.62	15.27	29.12	-1.71	41.1	31.06	26.89	0.00	-3
	123	10.89	15.11	11.52	24.71	1.28	50.2	22.41	26.63	0.00	0
	99	9.70	14.00	14.46	26.47	-2.77	49.2	24.16	28.46	-4.76	-0
96	125	21.60	10.11	13.15	30.21	1.50	33.2	34.75	23.26	0.00	0
	101	20.81	9.55	15.75	31.91	-1.54	35.2	36.56	25.30	0.00	-2
	124	16.84	12.54	12.49	27.36	2.01	40.1	29.33	25.03	0.00	0
	100	15.88	11.63	15.09	28.99	-1.48	41.0	30.96	26.71	0.00	-2
97	126	24.10	8.10	14.13	32.34	-0.14	30.2	38.23	22.24	0.00	-0
	102	23.35	7.99	16.01	33.42	-2.09	32.2	39.36	24.00	0.00	-3
	125	21.63	10.11	13.50	30.55	1.19	33.5	35.13	23.62	0.00	0
	101	20.83	9.55	15.38	31.57	-1.19	34.9	36.21	24.93	0.00	-1
98	127	23.66	6.49	15.15	32.49	-2.33	30.2	38.81	21.64	0.00	-3
	103	22.98	6.87	16.28	33.08	-3.24	31.8	39.25	23.15	0.00	-4
	126	24.09	8.10	14.50	32.66	-0.46	30.6	38.59	22.61	0.00	-0
	102	23.34	7.98	15.64	33.08	-1.76	31.9	38.97	23.62	0.00	-2
99	128	20.06	5.17	16.07	30.33	-5.10	32.6	36.13	21.25	0.00	-7
	104	19.60	6.13	16.51	30.70	-4.96	33.9	36.11	22.64	0.00	-7
	127	23.66	6.49	15.49	32.78	-2.63	30.5	39.15	21.98	0.00	-3
	103	22.97	6.87	15.93	32.77	-2.93	31.6	38.90	22.79	0.00	-4
100	129	13.09	4.12	16.75	25.94	-8.73	37.5	29.84	20.87	-3.66	-12
	105	13.19	5.80	16.48	26.38	-7.39	38.7	29.66	22.28	-3.29	-10
	128	20.07	5.18	16.42	30.65	-5.41	32.8	36.49	21.60	0.00	-8
	104	19.61	6.14	16.15	30.37	-4.63	33.7	35.76	22.28	0.00	-7

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U6

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
1	26	-13.82	-16.34	4.87	-10.05	-20.11	37.7	0.00	0.00	-18.68	-21
	2	-11.08	0.75	5.61	2.99	-13.32	68.3	0.00	3.60	-16.70	-4
	25	0.37	-9.62	4.26	1.94	-11.19	20.2	2.26	0.00	-3.90	-13
	1	0.19	-0.43	5.01	4.90	-5.14	43.2	5.20	4.59	-4.82	-5
2	27	3.33	-3.72	10.18	10.58	-10.97	35.4	13.51	6.46	-6.85	-13
	3	-1.65	-0.64	7.03	5.90	-8.19	47.1	5.38	6.39	-8.68	-7
	26	-14.15	-16.39	8.29	-6.91	-23.63	41.2	0.00	0.00	-22.44	-24
	2	-10.48	0.84	5.14	2.83	-12.46	68.9	0.00	3.36	-15.62	-4
3	28	7.84	-0.58	10.21	14.67	-7.41	33.8	18.05	9.63	-2.37	-10
	4	7.95	0.06	9.46	14.26	-6.24	33.7	17.41	9.52	-1.51	-9
	27	2.60	-3.83	8.28	8.27	-9.50	34.4	10.89	4.45	-5.68	-12
	3	-1.36	-0.59	7.53	6.56	-8.52	46.5	6.17	6.94	-8.89	-8
4	29	11.49	0.72	10.04	17.50	-5.28	30.9	21.53	10.76	0.00	-8
	5	11.88	0.03	9.98	17.56	-5.65	29.7	21.86	10.01	0.00	-8
	28	8.31	-0.51	9.73	14.58	-6.78	32.8	18.03	9.22	-1.42	-10
	4	7.18	-0.05	9.67	13.89	-6.77	34.8	16.85	9.62	-2.50	-9
5	30	13.07	1.16	9.62	18.43	-4.20	29.1	22.69	10.79	0.00	-5
	6	13.56	0.04	9.64	18.57	-4.98	27.5	23.19	9.68	0.00	-6
	29	11.65	0.74	9.93	17.53	-5.14	30.6	21.58	10.68	0.00	-7
	5	11.59	-0.02	9.95	17.31	-5.73	29.9	21.54	9.93	0.00	-8
6	31	12.93	1.37	9.11	17.94	-3.64	28.8	22.04	10.48	0.00	-5
	7	13.50	0.03	9.01	18.02	-4.48	26.6	22.51	9.04	0.00	-5
	30	13.12	1.17	9.67	18.51	-4.22	29.1	22.78	10.84	0.00	-5
	6	13.45	0.02	9.56	18.42	-4.95	27.5	23.01	9.59	0.00	-6
7	32	11.33	1.51	8.49	16.23	-3.39	30.0	19.82	10.01	0.00	-4
	8	12.00	0.03	8.23	16.19	-4.16	27.0	20.23	8.26	0.00	-5
	31	12.95	1.38	9.19	18.02	-3.70	28.9	22.13	10.56	0.00	-5
	7	13.44	0.02	8.92	17.90	-4.43	26.5	22.37	8.95	0.00	-5
8	33	8.50	1.65	7.75	13.54	-3.40	33.1	16.25	9.39	0.00	-5
	9	9.30	0.02	7.33	13.34	-4.02	28.8	16.64	7.35	0.00	-5
	32	11.33	1.52	8.57	16.30	-3.45	30.1	19.90	10.08	0.00	-4
	8	11.95	0.02	8.16	16.09	-4.12	26.9	20.11	8.18	0.00	-5
9	34	4.77	1.71	6.82	10.22	-3.74	38.7	11.58	8.53	-2.05	-5
	10	5.73	-0.01	6.32	9.80	-4.08	32.8	12.05	6.32	-0.60	-6
	33	8.49	1.64	7.78	13.57	-3.44	33.1	16.27	9.43	0.00	-5
	9	9.26	0.01	7.29	13.26	-4.00	28.8	16.54	7.30	0.00	-5
10	35	0.60	1.44	5.56	6.59	-4.56	47.2	6.15	7.00	-4.96	-4
	11	1.87	-0.07	5.18	6.18	-4.37	39.7	7.06	5.11	-3.31	-5
	34	4.72	1.71	6.74	10.12	-3.69	38.7	11.45	8.44	-2.02	-5
	10	5.67	-0.01	6.36	9.79	-4.14	33.0	12.03	6.35	-0.69	-6
11	36	-4.11	0.45	2.71	1.71	-5.37	65.0	0.00	2.24	-6.82	-2
	12	1.11	0.14	2.69	3.36	-2.11	39.9	3.80	2.84	-1.58	-2
	35	0.73	1.46	5.35	6.45	-4.26	46.9	6.08	6.81	-4.62	-3
	11	1.28	-0.16	5.33	5.94	-4.81	41.1	6.61	5.17	-4.04	-5
12	37	-28.10	-6.05	4.38	-5.21	-28.94	79.2	0.00	0.00	-32.48	-10
	13	-23.59	0.37	4.80	1.29	-24.51	79.1	0.00	1.34	-28.39	-4
	36	-3.31	3.10	8.61	9.08	-9.29	55.2	5.30	11.71	-11.92	-5
	12	-0.88	-0.21	9.03	8.49	-9.58	46.1	8.14	8.82	-9.91	-9
13	38	-12.57	8.63	4.54	9.56	-13.50	78.4	0.00	10.27	-14.96	0
	14	-14.33	-0.11	1.50	0.05	-14.49	84.0	0.00	0.05	-15.83	-1
	37	-28.35	-6.09	7.25	-3.93	-30.51	73.5	0.00	0.00	-35.60	-13
	13	-22.76	0.49	4.21	1.23	-23.50	80.0	0.00	1.27	-26.97	-3
14	39	-5.88	2.20	-0.32	2.21	-5.90	-87.7	0.00	2.21	-5.93	0
	15	-4.44	0.14	-0.40	0.18	-4.47	-85.1	0.00	0.18	-4.83	-0
	38	-13.20	1.14	0.71	1.17	-13.23	87.2	0.00	1.17	-13.64	0
	14	-12.94	-1.34	0.64	-1.30	-12.98	86.9	0.00	0.00	-13.58	-1

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U6

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
15	40	1.03	2.85	-2.01	4.15	-0.27	-57.2	3.04	4.86	-0.39	0
	16	2.40	-0.01	-1.33	2.99	-0.60	-23.9	3.73	1.32	0.00	-0
	39	-5.71	2.22	-0.62	2.27	-5.76	-85.5	0.00	2.29	-5.88	0
	15	-4.63	0.11	0.06	0.11	-4.63	89.3	0.00	0.11	-4.66	0
16	41	6.63	2.91	-3.52	8.76	0.79	-31.1	10.16	6.43	0.00	0
	17	7.86	0.03	-2.85	8.79	-0.89	-18.0	10.71	2.88	0.00	-1
	40	1.10	2.86	-2.07	4.23	-0.27	-56.6	3.16	4.93	-0.40	0
	16	2.35	-0.02	-1.39	2.99	-0.66	-24.8	3.74	1.37	0.00	-0
17	42	10.61	2.83	-4.83	12.92	0.52	-25.6	15.44	7.66	0.00	0
	18	11.67	0.03	-4.28	13.07	-1.38	-18.2	15.95	4.32	0.00	-1
	41	6.65	2.91	-3.46	8.72	0.85	-30.8	10.12	6.38	0.00	0
	17	7.89	0.04	-2.92	8.85	-0.93	-18.3	10.81	2.96	0.00	-1
18	43	12.66	2.63	-5.94	15.42	-0.13	-24.9	18.60	8.57	0.00	-0
	19	13.50	0.03	-5.60	15.52	-1.99	-19.9	19.10	5.63	0.00	-2
	42	10.60	2.83	-4.73	12.84	0.59	-25.3	15.34	7.56	0.00	0
	18	11.73	0.04	-4.40	13.20	-1.43	-18.5	16.13	4.44	0.00	-1
19	44	12.52	2.21	-6.79	15.89	-1.16	-26.4	19.31	9.01	0.00	-1
	20	12.94	-0.00	-6.64	15.75	-2.80	-22.9	19.59	6.64	0.00	-3
	43	12.62	2.62	-5.86	15.32	-0.08	-24.8	18.48	8.48	0.00	-0
	19	13.62	0.05	-5.71	15.70	-2.03	-20.0	19.33	5.76	0.00	-2
20	45	9.90	1.01	-7.15	13.88	-2.97	-29.1	17.06	8.16	0.00	-4
	21	9.26	-0.03	-7.03	13.04	-3.81	-28.3	16.29	6.99	0.00	-5
	44	12.36	2.19	-6.85	15.81	-1.25	-26.7	19.21	9.04	0.00	-1
	20	13.23	0.04	-6.72	16.05	-2.78	-22.8	19.95	6.76	0.00	-3
21	46	4.31	-2.20	-6.28	8.13	-6.02	-31.3	10.59	4.08	-1.98	-8
	22	0.86	-0.58	-5.56	5.75	-5.47	-41.3	6.42	4.99	-4.70	-6
	45	9.44	0.94	-7.58	13.88	-3.50	-30.4	17.02	8.52	0.00	-5
	21	10.03	0.08	-6.86	13.52	-3.42	-27.0	16.88	6.94	0.00	-4
22	47	-13.02	-14.55	-6.88	-6.86	-20.71	-41.8	0.00	0.00	-19.90	-21
	23	-8.79	0.91	-3.91	2.29	-10.17	-70.5	0.00	2.65	-12.70	-3
	46	5.05	-2.09	-8.10	10.33	-7.37	-33.1	13.15	6.01	-3.05	-10
	22	0.55	-0.62	-5.14	5.13	-5.21	-41.7	5.69	4.51	-4.59	-5
23	48	0.44	-7.22	-3.20	1.60	-8.37	-19.9	1.86	0.00	-2.75	-10
	24	-0.03	-0.60	-4.28	3.97	-4.61	-43.1	4.25	3.68	-4.31	-4
	47	-12.72	-14.51	-3.35	-10.15	-17.08	-37.5	0.00	0.00	-16.06	-17
	23	-9.30	0.83	-4.43	2.49	-10.96	-69.4	0.00	2.94	-13.73	-3
24	50	-2.90	1.92	8.82	8.65	-9.63	52.6	5.92	10.74	-11.72	-6
	26	-13.08	-11.40	6.78	-5.41	-19.07	48.5	0.00	0.00	-19.85	-18
	49	-0.33	-1.31	6.11	5.31	-6.96	42.7	5.78	4.80	-6.45	-7
	25	0.24	-10.48	4.07	1.61	-11.85	18.6	1.82	0.00	-3.83	-14
25	51	2.19	0.91	10.75	12.32	-9.22	43.3	12.94	11.66	-8.56	-9
	27	3.25	-4.26	9.48	9.70	-10.71	34.2	12.73	5.22	-6.23	-13
	50	-2.73	1.95	7.78	7.73	-8.52	53.4	5.05	9.73	-10.51	-5
	26	-13.41	-11.45	6.51	-5.85	-19.02	49.3	0.00	0.00	-19.93	-17
26	52	8.36	1.43	10.69	16.14	-6.35	36.0	19.06	12.12	-2.33	-9
	28	7.85	-0.48	9.53	14.08	-6.72	33.2	17.38	9.04	-1.68	-10
	51	2.59	0.97	10.92	12.72	-9.17	42.9	13.50	11.88	-8.33	-9
	27	2.52	-4.37	9.75	9.42	-11.27	35.3	12.27	5.38	-7.23	-14
27	53	11.46	2.10	10.23	18.03	-4.47	32.7	21.69	12.33	0.00	-7
	29	11.49	0.67	9.88	17.34	-5.18	30.6	21.36	10.55	0.00	-7
	52	8.19	1.40	10.51	15.84	-6.25	36.1	18.71	11.91	-2.32	-9
	28	8.32	-0.41	10.16	15.01	-7.10	33.4	18.48	9.74	-1.84	-10
28	54	12.80	2.36	9.77	18.66	-3.50	30.9	22.57	12.12	0.00	-5
	30	13.07	1.16	9.64	18.44	-4.21	29.1	22.70	10.79	0.00	-5
	53	11.45	2.10	10.14	17.93	-4.39	32.6	21.58	12.23	0.00	-6
	29	11.64	0.70	10.00	17.57	-5.23	30.7	21.65	10.70	0.00	-7
29	55	12.56	2.47	9.35	18.14	-3.11	30.8	21.91	11.83	0.00	-4
	31	12.93	1.37	9.18	18.00	-3.70	28.9	22.11	10.56	0.00	-5
	54	12.82	2.36	9.79	18.69	-3.51	31.0	22.61	12.15	0.00	-5
	30	13.12	1.17	9.62	18.47	-4.19	29.1	22.74	10.79	0.00	-5

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U6

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
30	56	10.82	2.58	8.91	16.51	-3.12	32.6	19.73	11.48	0.00	-4
	32	11.33	1.52	8.58	16.31	-3.46	30.1	19.91	10.10	0.00	-4
	55	12.56	2.47	9.44	18.22	-3.18	30.9	22.00	11.91	0.00	-4
	31	12.95	1.38	9.11	17.95	-3.63	28.8	22.06	10.49	0.00	-5
31	57	7.75	2.71	8.31	13.91	-3.45	36.6	16.06	11.01	-0.56	-5
	33	8.50	1.65	7.81	13.60	-3.45	33.2	16.31	9.46	0.00	-5
	56	10.81	2.57	9.00	16.59	-3.20	32.7	19.81	11.57	0.00	-4
	32	11.33	1.52	8.50	16.24	-3.39	30.0	19.83	10.02	0.00	-4
32	58	3.59	2.80	7.37	10.57	-4.19	43.5	10.96	10.17	-3.78	-4
	34	4.76	1.70	6.79	10.19	-3.73	38.6	11.56	8.49	-2.03	-5
	57	7.73	2.70	8.35	13.94	-3.51	36.6	16.08	11.05	-0.62	-5
	33	8.49	1.65	7.78	13.56	-3.43	33.1	16.26	9.42	0.00	-5
33	59	-1.44	2.59	5.76	6.68	-5.53	54.7	4.32	8.35	-7.20	-3
	35	0.60	1.49	5.34	6.40	-4.31	47.4	5.94	6.83	-4.73	-3
	58	3.56	2.79	7.29	10.48	-4.13	43.5	10.85	10.09	-3.73	-4
	34	4.72	1.69	6.87	10.24	-3.83	38.8	11.59	8.56	-2.16	-5
34	60	-7.95	2.36	2.89	3.11	-8.70	75.4	0.00	3.41	-10.84	-0
	36	-4.15	0.17	2.83	1.57	-5.55	63.7	0.00	2.10	-6.98	-2
	59	-1.35	2.60	5.66	6.63	-5.38	54.6	4.31	8.27	-7.02	-3
	35	0.74	1.51	5.61	6.75	-4.49	47.0	6.35	7.12	-4.87	-4
35	61	-22.57	16.27	8.22	17.94	-24.24	78.5	0.00	19.27	-26.72	0
	37	-27.52	-2.16	6.20	-0.73	-28.95	77.0	0.00	0.00	-33.72	-8
	60	-8.21	10.75	10.74	15.59	-13.05	65.7	2.53	21.48	-18.94	0
	36	-3.45	2.17	8.72	8.52	-9.80	53.9	5.27	10.88	-12.17	-6
36	62	-16.14	16.81	5.76	17.78	-17.11	80.4	0.00	18.86	-18.11	0
	38	-12.75	7.42	3.75	8.09	-13.43	79.8	0.00	8.52	-14.65	0
	61	-22.77	16.24	7.43	17.61	-24.14	79.6	0.00	18.67	-26.17	0
	37	-27.77	-2.20	5.42	-1.10	-28.87	78.5	0.00	0.00	-33.19	-7
37	63	-7.55	4.57	-0.55	4.59	-7.58	-87.4	0.00	4.61	-7.62	0
	39	-5.87	2.30	-0.73	2.36	-5.93	-85.0	0.00	2.39	-6.10	0
	62	-15.73	3.34	1.58	3.47	-15.86	85.3	0.00	3.50	-16.48	0
	38	-13.25	0.78	1.40	0.91	-13.39	84.4	0.00	0.92	-14.65	-0
38	64	-0.44	5.15	-2.58	6.16	-1.45	-68.7	2.14	7.73	-1.73	0
	40	1.02	2.80	-2.13	4.22	-0.40	-56.3	3.15	4.93	-0.61	0
	63	-7.58	4.56	-0.82	4.62	-7.63	-86.1	0.00	4.65	-7.72	0
	39	-5.69	2.32	-0.38	2.34	-5.71	-87.3	0.00	2.35	-5.75	0
39	65	5.48	5.33	-4.13	9.53	1.27	-44.5	9.61	9.46	0.00	0
	41	6.63	2.91	-3.50	8.74	0.80	-31.0	10.14	6.41	0.00	0
	64	-0.40	5.15	-2.67	6.23	-1.48	-68.1	2.27	7.83	-1.78	0
	40	1.09	2.81	-2.04	4.17	-0.27	-56.4	3.13	4.85	-0.40	0
40	66	9.71	5.35	-5.31	13.27	1.79	-33.8	15.02	10.66	0.00	0
	42	10.61	2.83	-4.75	12.86	0.58	-25.3	15.36	7.58	0.00	0
	65	5.50	5.33	-4.09	9.51	1.32	-44.4	9.60	9.43	0.00	0
	41	6.65	2.91	-3.53	8.78	0.78	-31.1	10.19	6.45	0.00	0
41	67	11.94	5.30	-6.26	15.71	1.54	-31.0	18.20	11.56	0.00	0
	43	12.66	2.63	-5.87	15.36	-0.08	-24.7	18.53	8.49	0.00	-0
	66	9.72	5.35	-5.22	13.19	1.88	-33.7	14.94	10.58	0.00	0
	42	10.60	2.82	-4.83	12.92	0.51	-25.6	15.44	7.66	0.00	0
42	68	11.97	5.11	-7.08	16.41	0.67	-32.1	19.05	12.20	0.00	0
	44	12.51	2.17	-6.81	15.89	-1.21	-26.4	19.32	8.98	0.00	-1
	67	11.94	5.30	-6.19	15.64	1.59	-30.9	18.13	11.49	0.00	0
	43	12.62	2.62	-5.92	15.36	-0.13	-24.9	18.53	8.54	0.00	-0
43	69	9.47	4.55	-7.90	15.28	-1.26	-36.3	17.37	12.44	0.00	-2
	45	9.92	1.11	-7.52	14.23	-3.20	-29.8	17.44	8.63	0.00	-4
	68	11.98	5.11	-7.12	16.45	0.64	-32.1	19.10	12.23	0.00	0
	44	12.36	2.15	-6.74	15.71	-1.21	-26.4	19.10	8.89	0.00	-1
44	70	4.00	4.35	-8.70	12.88	-4.53	-45.6	12.70	13.05	-4.71	-4
	46	4.23	-2.74	-7.67	9.17	-7.68	-32.8	11.90	4.93	-3.45	-10
	69	9.65	4.57	-8.00	15.50	-1.28	-36.2	17.65	12.57	0.00	-2
	45	9.46	1.04	-6.96	13.38	-2.89	-29.4	16.42	8.00	0.00	-4

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U6

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
45	71	-1.80	5.68	-5.93	8.96	-5.07	-61.1	4.14	11.62	-7.73	-0
	47	-12.27	-9.59	-4.99	-5.77	-16.10	-52.5	0.00	0.00	-17.26	-14
	70	3.60	4.29	-8.45	12.40	-4.51	-46.2	12.04	12.73	-4.85	-4
	46	4.97	-2.63	-7.50	9.58	-7.24	-31.6	12.47	4.87	-2.53	-10
46	72	-0.33	2.83	-4.53	6.04	-3.54	-54.6	4.20	7.36	-4.85	-1
	48	0.30	-8.15	-3.00	1.26	-9.11	-17.7	1.40	0.00	-2.70	-11
	71	-1.97	5.66	-6.89	9.72	-6.03	-59.5	4.92	12.55	-8.86	-1
	47	-11.97	-9.55	-5.37	-5.26	-16.26	-51.4	0.00	0.00	-17.34	-14
47	74	0.88	5.81	8.70	12.39	-5.70	52.9	9.57	14.51	-7.82	-2
	50	-2.93	1.71	7.53	7.27	-8.50	53.6	4.60	9.24	-10.47	-5
	73	0.01	6.65	7.68	11.70	-5.03	56.7	7.69	14.33	-7.67	-1
	49	-0.37	-1.55	6.51	5.58	-7.50	42.4	6.14	4.96	-6.89	-8
48	75	4.02	5.54	9.80	14.61	-5.05	47.2	13.82	15.34	-5.78	-4
	51	2.20	0.95	10.79	12.38	-9.23	43.3	12.98	11.74	-8.59	-9
	74	0.82	5.80	8.01	11.71	-5.08	53.6	8.84	13.82	-7.19	-2
	50	-2.76	1.73	9.00	8.76	-9.79	52.0	6.23	10.73	-11.76	-7
49	76	8.27	4.46	9.85	16.39	-3.67	39.5	18.11	14.30	-1.58	-5
	52	8.40	1.63	10.70	16.24	-6.21	36.2	19.10	12.34	-2.31	-9
	75	4.16	5.56	9.70	14.59	-4.87	47.1	13.86	15.27	-5.54	-4
	51	2.60	1.01	10.56	12.39	-8.79	42.9	13.15	11.57	-7.96	-9
50	77	11.30	3.85	9.75	18.01	-2.86	34.5	21.05	13.59	0.00	-4
	53	11.46	2.14	10.19	18.01	-4.41	32.7	21.65	12.33	0.00	-6
	76	8.30	4.46	10.08	16.64	-3.88	39.6	18.38	14.54	-1.78	-5
	52	8.22	1.61	10.52	15.95	-6.12	36.3	18.75	12.13	-2.30	-8
51	78	12.66	3.48	9.57	18.68	-2.55	32.2	22.23	13.04	0.00	-3
	54	12.81	2.38	9.80	18.70	-3.51	31.0	22.61	12.18	0.00	-5
	77	11.29	3.85	9.89	18.13	-3.00	34.7	21.18	13.73	0.00	-4
	53	11.45	2.14	10.12	17.94	-4.35	32.6	21.57	12.26	0.00	-6
52	79	12.37	3.24	9.42	18.28	-2.66	32.1	21.79	12.66	0.00	-3
	55	12.56	2.48	9.44	18.22	-3.18	31.0	22.00	11.93	0.00	-4
	78	12.65	3.48	9.69	18.79	-2.66	32.3	22.35	13.17	0.00	-3
	54	12.82	2.38	9.72	18.63	-3.43	30.9	22.54	12.10	0.00	-4
53	80	10.49	3.12	9.25	16.76	-3.15	34.1	19.74	12.37	0.00	-5
	56	10.82	2.59	9.02	16.62	-3.21	32.7	19.84	11.60	0.00	-4
	79	12.38	3.24	9.56	18.40	-2.79	32.2	21.93	12.80	0.00	-4
	55	12.56	2.49	9.33	18.13	-3.08	30.8	21.89	11.81	0.00	-4
54	81	7.07	3.15	8.89	14.22	-3.99	38.8	15.97	12.05	-1.82	-5
	57	7.75	2.72	8.40	14.00	-3.53	36.7	16.15	11.12	-0.64	-5
	80	10.49	3.12	9.39	16.89	-3.28	34.3	19.88	12.51	0.00	-5
	56	10.82	2.59	8.89	16.50	-3.10	32.6	19.71	11.48	0.00	-4
55	82	2.25	3.33	8.08	10.89	-5.31	46.9	10.33	11.42	-5.83	-4
	58	3.59	2.83	7.37	10.60	-4.17	43.5	10.97	10.20	-3.78	-4
	81	7.07	3.15	9.01	14.34	-4.11	38.9	16.09	12.17	-1.94	-5
	57	7.73	2.72	8.31	13.90	-3.45	36.6	16.04	11.03	-0.58	-5
56	83	-3.77	3.73	6.49	7.48	-7.51	60.0	2.72	10.22	-10.26	-2
	59	-1.43	2.67	5.67	6.64	-5.41	54.9	4.24	8.33	-7.10	-3
	82	2.25	3.33	8.18	10.99	-5.41	46.9	10.43	11.51	-5.93	-4
	58	3.56	2.82	7.36	10.56	-4.17	43.6	10.92	10.18	-3.79	-4
57	84	-10.45	4.30	4.24	5.43	-11.58	75.1	0.00	6.02	-14.63	0
	60	-7.93	2.46	3.22	3.38	-8.85	74.1	0.00	3.77	-11.16	-0
	83	-3.81	3.73	6.59	7.55	-7.63	59.9	2.79	10.32	-10.40	-2
	59	-1.34	2.68	5.58	6.60	-5.26	54.9	4.23	8.26	-6.92	-2
58	85	-23.02	22.52	10.94	25.01	-25.51	77.2	0.00	27.72	-28.33	0
	61	-22.65	15.73	7.18	17.03	-23.95	79.7	0.00	18.00	-25.93	0
	84	-10.77	18.19	14.24	24.02	-16.60	67.7	3.47	32.44	-21.92	0
	60	-8.16	11.10	10.48	15.70	-12.76	66.3	2.33	21.58	-18.06	0
59	86	-18.84	25.28	6.10	26.10	-19.67	82.3	0.00	27.25	-20.31	0
	62	-16.08	17.18	5.34	18.02	-16.92	81.1	0.00	18.96	-17.74	0
	85	-23.14	22.50	9.55	24.42	-25.06	78.7	0.00	26.44	-27.19	0
	61	-22.85	15.70	8.79	17.61	-24.76	77.7	0.00	19.08	-27.78	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U6

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
60	87	-10.14	6.36	-1.04	6.43	-10.20	-86.4	0.00	6.47	-10.31	0
	63	-7.55	4.60	-0.81	4.65	-7.60	-86.2	0.00	4.69	-7.69	0
	86	-18.46	5.56	1.53	5.66	-18.55	86.4	0.00	5.69	-18.88	0
	62	-15.72	3.45	1.76	3.61	-15.88	84.8	0.00	3.64	-16.61	0
61	88	-2.17	6.80	-3.25	7.85	-3.22	-72.0	1.09	10.05	-3.72	0
	64	-0.44	5.16	-2.70	6.26	-1.53	-68.0	2.27	7.87	-1.85	0
	87	-10.06	6.37	-1.19	6.46	-10.15	-85.9	0.00	6.51	-10.29	0
	63	-7.57	4.60	-0.64	4.63	-7.60	-87.0	0.00	4.65	-7.66	0
62	89	4.38	7.09	-4.71	10.64	0.83	-53.0	9.09	11.81	0.00	0
	65	5.48	5.34	-4.11	9.52	1.30	-44.5	9.59	9.45	0.00	0
	88	-2.13	6.80	-3.26	7.86	-3.19	-71.9	1.13	10.06	-3.69	0
	64	-0.40	5.17	-2.65	6.23	-1.46	-68.2	2.25	7.82	-1.76	0
63	90	9.01	7.38	-5.65	13.90	2.49	-40.9	14.66	13.03	0.00	0
	66	9.71	5.37	-5.21	13.18	1.89	-33.7	14.92	10.58	0.00	0
	89	4.40	7.10	-4.62	10.56	0.94	-53.1	9.01	11.71	0.00	0
	65	5.50	5.34	-4.18	9.60	1.25	-44.5	9.68	9.52	0.00	0
64	91	11.46	7.76	-6.31	16.18	3.04	-36.8	17.76	14.06	0.00	0
	67	11.95	5.32	-6.14	15.62	1.66	-30.8	18.09	11.47	0.00	0
	90	9.02	7.38	-5.50	13.76	2.64	-40.8	14.52	12.88	0.00	0
	66	9.72	5.37	-5.34	13.31	1.78	-33.9	15.06	10.70	0.00	0
65	92	11.60	8.30	-6.86	17.01	2.89	-38.2	18.46	15.16	0.00	0
	68	11.97	5.15	-7.01	16.36	0.77	-32.0	18.98	12.16	0.00	0
	91	11.47	7.76	-6.13	16.02	3.21	-36.6	17.60	13.89	0.00	0
	67	11.94	5.32	-6.28	15.73	1.54	-31.1	18.22	11.60	0.00	0
66	93	9.44	9.15	-7.33	16.62	1.97	-44.4	16.77	16.48	0.00	0
	69	9.50	4.76	-7.83	15.31	-1.05	-36.6	17.33	12.59	0.00	-1
	92	11.62	8.30	-6.65	16.81	3.11	-38.0	18.26	14.95	0.00	0
	68	11.99	5.15	-7.15	16.49	0.65	-32.2	19.14	12.30	0.00	0
67	94	5.47	10.57	-7.19	15.64	0.39	-54.8	12.65	17.76	0.00	0
	70	4.00	4.39	-8.26	12.46	-4.07	-45.7	12.27	12.65	-4.26	-3
	93	9.40	9.14	-7.01	16.29	2.26	-44.5	16.42	16.16	0.00	0
	69	9.68	4.79	-8.09	15.68	-1.22	-36.6	17.77	12.87	0.00	-1
68	95	1.71	11.21	-5.70	13.88	-0.96	-64.9	7.42	16.91	-1.18	0
	71	-1.83	5.45	-7.07	9.76	-6.14	-58.6	5.23	12.52	-8.90	-1
	94	5.32	10.55	-7.21	15.60	0.27	-55.0	12.53	17.76	0.00	0
	70	3.61	4.33	-8.57	12.55	-4.61	-46.2	12.18	12.90	-4.97	-4
69	96	0.02	12.49	-5.55	14.60	-2.09	-69.2	5.57	18.04	-2.44	0
	72	-0.36	2.60	-4.88	6.22	-3.98	-53.5	4.52	7.49	-5.25	-2
	95	1.76	11.22	-6.33	14.39	-1.41	-63.4	8.09	17.54	-1.81	0
	71	-2.01	5.42	-5.66	8.48	-5.06	-61.6	3.66	11.09	-7.67	-0
70	98	2.33	8.54	7.59	13.64	-2.77	56.1	9.92	16.13	-4.42	0
	74	0.94	6.27	8.14	12.17	-4.95	54.1	9.08	14.40	-7.19	-1
	97	0.03	9.71	7.33	13.65	-3.91	61.7	7.36	17.04	-5.50	0
	73	-0.11	5.85	7.87	11.28	-5.55	55.4	7.76	13.72	-7.98	-2
71	99	5.30	7.53	8.27	14.76	-1.92	48.8	13.57	15.80	-2.96	-0
	75	4.00	5.38	9.48	14.20	-4.82	47.1	13.48	14.86	-5.48	-4
	98	2.29	8.53	7.38	13.42	-2.60	56.5	9.67	15.91	-4.08	0
	74	0.89	6.26	8.59	12.58	-5.42	53.7	9.49	14.85	-7.70	-2
72	100	8.70	6.23	8.59	16.14	-1.22	40.9	17.29	14.82	0.00	-2
	76	8.27	4.46	10.06	16.60	-3.87	39.6	18.32	14.52	-1.79	-5
	99	5.35	7.54	8.13	14.65	-1.75	48.8	13.48	15.67	-2.78	-0
	75	4.14	5.40	9.60	14.39	-4.85	46.9	13.73	15.00	-5.46	-4
73	101	11.43	5.04	8.78	17.59	-1.11	35.0	20.22	13.83	0.00	-1
	77	11.31	3.88	9.93	18.19	-3.01	34.7	21.24	13.81	0.00	-4
	100	8.74	6.24	8.73	16.31	-1.33	40.9	17.47	14.97	0.00	-2
	76	8.30	4.47	9.87	16.45	-3.67	39.5	18.18	14.34	-1.57	-5
74	102	12.78	4.15	8.99	18.43	-1.51	32.2	21.77	13.14	0.00	-2
	78	12.66	3.50	9.72	18.83	-2.67	32.4	22.38	13.22	0.00	-3
	101	11.44	5.05	8.99	17.79	-1.30	35.2	20.44	14.04	0.00	-2
	77	11.29	3.88	9.73	17.99	-2.82	34.6	21.02	13.60	0.00	-4

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U6

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
75	103	12.47	3.50	9.23	18.25	-2.27	32.0	21.70	12.73	0.00	-3
	79	12.38	3.25	9.58	18.42	-2.79	32.3	21.95	12.83	0.00	-4
	102	12.77	4.15	9.19	18.61	-1.69	32.4	21.96	13.34	0.00	-2
	78	12.66	3.50	9.54	18.66	-2.50	32.2	22.20	13.04	0.00	-3
76	104	10.45	3.07	9.43	16.88	-3.37	34.3	19.87	12.49	0.00	-5
	80	10.49	3.14	9.41	16.92	-3.29	34.3	19.90	12.55	0.00	-5
	103	12.47	3.50	9.42	18.42	-2.44	32.3	21.89	12.92	0.00	-3
	79	12.38	3.25	9.40	18.26	-2.63	32.1	21.78	12.65	0.00	-3
77	105	6.66	2.85	9.45	14.39	-4.88	39.3	16.10	12.30	-2.79	-6
	81	7.08	3.18	9.05	14.39	-4.13	38.9	16.13	12.23	-1.97	-5
	104	10.45	3.07	9.62	17.07	-3.55	34.5	20.07	12.69	0.00	-5
	80	10.49	3.14	9.23	16.75	-3.12	34.1	19.72	12.37	0.00	-4
78	106	1.11	2.94	9.04	11.11	-7.06	47.9	10.15	11.98	-7.93	-6
	82	2.26	3.38	8.23	11.07	-5.43	47.0	10.49	11.62	-5.98	-4
	105	6.67	2.85	9.67	14.61	-5.09	39.4	16.33	12.52	-3.00	-6
	81	7.08	3.18	8.86	14.20	-3.95	38.8	15.94	12.04	-1.78	-5
79	107	-5.97	3.46	7.86	7.91	-10.42	60.5	1.90	11.32	-13.83	-4
	83	-3.77	3.74	6.63	7.60	-7.63	59.7	2.87	10.37	-10.40	-2
	106	1.10	2.94	9.28	11.34	-7.30	47.8	10.38	12.21	-8.17	-6
	82	2.26	3.38	8.04	10.89	-5.24	47.0	10.30	11.43	-5.78	-4
80	108	-13.56	4.15	5.68	5.81	-15.22	73.7	0.00	6.53	-19.24	-1
	84	-10.46	4.27	4.22	5.39	-11.58	75.1	0.00	5.97	-14.62	0
	107	-6.05	3.44	7.98	7.98	-10.59	60.4	1.93	11.42	-14.03	-4
	83	-3.81	3.73	6.51	7.49	-7.56	60.0	2.71	10.24	-10.32	-2
81	109	-27.28	23.86	13.61	27.26	-30.67	76.0	0.00	30.65	-35.04	0
	85	-23.00	22.64	9.70	24.61	-24.98	78.5	0.00	26.73	-27.16	0
	108	-13.91	18.77	18.62	27.20	-22.34	65.6	4.71	37.39	-32.38	0
	84	-10.79	18.09	14.71	24.26	-16.96	67.2	3.92	32.80	-22.75	0
82	110	-23.03	27.13	6.50	27.96	-23.85	82.7	0.00	28.96	-24.58	0
	86	-18.87	25.09	5.21	25.70	-19.48	83.3	0.00	26.53	-19.95	0
	109	-27.38	23.85	12.31	26.65	-30.19	77.2	0.00	29.38	-33.73	0
	85	-23.13	22.62	11.01	25.13	-25.64	77.1	0.00	27.86	-28.49	0
83	111	-13.18	6.68	-1.61	6.81	-13.31	-85.4	0.00	6.88	-13.57	0
	87	-10.14	6.37	-1.27	6.47	-10.24	-85.6	0.00	6.53	-10.39	0
	110	-22.63	5.67	1.55	5.75	-22.71	86.9	0.00	5.77	-23.05	0
	86	-18.47	5.50	1.89	5.65	-18.61	85.5	0.00	5.70	-19.12	0
84	112	-4.00	7.30	-3.93	8.53	-5.23	-72.6	0.00	11.16	-6.11	0
	88	-2.16	6.82	-3.28	7.89	-3.23	-72.0	1.11	10.10	-3.73	0
	111	-13.08	6.70	-1.77	6.85	-13.23	-84.9	0.00	6.94	-13.54	0
	87	-10.06	6.38	-1.12	6.46	-10.14	-86.1	0.00	6.50	-10.26	0
85	113	3.43	7.90	-5.14	11.27	0.05	-56.7	8.57	13.04	0.00	0
	89	4.38	7.11	-4.62	10.56	0.93	-53.2	9.00	11.73	0.00	0
	112	-3.96	7.31	-3.85	8.50	-5.15	-72.8	0.00	11.05	-5.99	0
	88	-2.13	6.83	-3.32	7.93	-3.23	-71.7	1.20	10.15	-3.74	0
86	114	8.60	8.59	-5.70	14.29	2.90	-45.0	14.30	14.29	0.00	0
	90	9.01	7.40	-5.49	13.75	2.66	-40.8	14.50	12.89	0.00	0
	113	3.44	7.90	-4.98	11.12	0.22	-57.1	8.42	12.87	0.00	0
	89	4.40	7.11	-4.76	10.71	0.80	-53.0	9.16	11.88	0.00	0
87	115	11.35	9.48	-5.89	16.38	4.45	-40.5	17.24	15.37	0.00	0
	91	11.46	7.79	-6.10	16.00	3.25	-36.6	17.57	13.89	0.00	0
	114	8.61	8.59	-5.47	14.08	3.13	-44.9	14.09	14.07	0.00	0
	90	9.02	7.40	-5.69	13.96	2.47	-41.0	14.71	13.09	0.00	0
88	116	11.68	10.66	-5.91	17.10	5.24	-42.5	17.59	16.57	0.00	0
	92	11.61	8.33	-6.63	16.80	3.14	-38.1	18.23	14.96	0.00	0
	115	11.35	9.48	-5.63	16.12	4.71	-40.3	16.98	15.10	0.00	0
	91	11.47	7.79	-6.35	16.24	3.02	-36.9	17.82	14.13	0.00	0
89	117	9.88	12.20	-5.76	16.91	5.17	-50.7	15.64	17.96	0.00	0
	93	9.44	9.16	-7.04	16.34	2.25	-44.4	16.49	16.20	0.00	0
	116	11.67	10.66	-5.62	16.81	5.52	-42.4	17.29	16.28	0.00	0
	92	11.62	8.33	-6.91	17.08	2.88	-38.3	18.53	15.24	0.00	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U6

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
90	118	6.69	13.91	-5.24	16.67	3.94	-62.3	11.94	19.16	0.00	0
	94	5.44	10.41	-7.00	15.35	0.49	-54.8	12.44	17.41	0.00	0
	117	9.83	12.19	-5.55	16.68	5.34	-51.0	15.38	17.74	0.00	0
	93	9.41	9.15	-7.30	16.58	1.97	-44.5	16.71	16.45	0.00	0
91	119	3.22	15.36	-4.58	16.89	1.69	-71.5	7.80	19.94	0.00	0
	95	1.78	11.66	-6.22	14.66	-1.22	-64.2	8.00	17.88	-1.53	0
	118	6.64	13.90	-5.32	16.71	3.83	-62.2	11.95	19.22	0.00	0
	94	5.30	10.39	-6.96	15.25	0.44	-55.0	12.25	17.34	0.00	0
92	120	0.04	17.02	-4.65	18.21	-1.15	-75.6	4.70	21.67	-1.23	0
	96	-0.10	11.68	-5.71	14.00	-2.41	-67.9	5.61	17.40	-2.89	0
	119	3.26	15.36	-4.75	17.00	1.62	-70.9	8.00	20.11	0.00	0
	95	1.83	11.67	-5.81	14.36	-0.87	-65.1	7.63	17.48	-1.07	0
93	122	2.87	9.31	6.26	13.13	-0.95	58.6	9.13	15.57	-1.34	0
	98	2.35	8.68	7.46	13.61	-2.58	56.5	9.81	16.13	-4.06	0
	121	0.02	10.54	6.14	13.36	-2.81	65.3	6.15	16.67	-3.56	0
	97	-0.01	9.42	7.33	13.42	-4.02	61.4	7.32	16.75	-5.72	0
94	123	6.00	8.04	6.62	13.72	0.32	49.4	12.62	14.66	0.00	0
	99	5.30	7.53	8.07	14.56	-1.73	48.9	13.37	15.60	-2.77	-0
	122	2.84	9.31	6.16	13.03	-0.89	58.8	9.00	15.47	-1.24	0
	98	2.31	8.67	7.61	13.74	-2.76	56.3	9.93	16.28	-4.37	0
95	124	9.28	6.61	7.02	15.09	0.80	39.6	16.30	13.63	0.00	0
	100	8.69	6.21	8.65	16.19	-1.29	40.9	17.34	14.86	0.00	-2
	123	6.03	8.04	6.53	13.65	0.42	49.4	12.56	14.58	0.00	0
	99	5.35	7.53	8.16	14.68	-1.79	48.8	13.52	15.70	-2.81	-0
96	125	11.93	5.26	7.53	16.83	0.35	33.1	19.47	12.79	0.00	0
	101	11.43	5.04	8.98	17.77	-1.29	35.2	20.42	14.03	0.00	-2
	124	9.32	6.62	7.11	15.20	0.73	39.6	16.42	13.72	0.00	0
	100	8.74	6.21	8.55	16.12	-1.17	40.8	17.29	14.77	0.00	-2
97	126	13.26	4.12	8.14	18.03	-0.65	30.3	21.40	12.26	0.00	-0
	102	12.78	4.15	9.20	18.62	-1.70	32.4	21.98	13.35	0.00	-2
	125	11.95	5.26	7.72	17.02	0.18	33.3	19.67	12.98	0.00	0
	101	11.44	5.05	8.78	17.59	-1.10	35.0	20.23	13.83	0.00	-1
98	127	12.92	3.18	8.77	18.09	-1.98	30.5	21.70	11.95	0.00	-2
	103	12.48	3.50	9.42	18.42	-2.44	32.3	21.90	12.92	0.00	-3
	126	13.26	4.12	8.34	18.20	-0.83	30.6	21.60	12.46	0.00	-1
	102	12.77	4.15	8.99	18.43	-1.51	32.2	21.77	13.14	0.00	-2
99	128	10.76	2.39	9.36	16.83	-3.68	33.0	20.12	11.75	0.00	-5
	104	10.45	3.07	9.62	17.06	-3.55	34.5	20.07	12.69	0.00	-5
	127	12.92	3.18	8.96	18.25	-2.15	30.7	21.88	12.14	0.00	-3
	103	12.47	3.50	9.22	18.24	-2.27	32.0	21.70	12.73	0.00	-3
100	129	6.64	1.73	9.80	14.30	-5.92	38.0	16.45	11.54	-3.16	-8
	105	6.66	2.86	9.66	14.61	-5.09	39.4	16.32	12.52	-3.01	-6
	128	10.77	2.39	9.56	17.01	-3.85	33.2	20.32	11.95	0.00	-6
	104	10.45	3.07	9.42	16.87	-3.35	34.3	19.87	12.48	0.00	-5

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U7

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
1	26	-11.13	-11.01	4.82	-6.25	-15.89	45.4	0.00	0.00	-15.95	-15
	2	-8.37	0.03	4.23	1.79	-10.13	67.4	0.00	2.17	-12.60	-4
	25	0.22	-9.65	4.60	2.03	-11.47	21.5	2.41	0.00	-4.39	-14
	1	0.12	0.31	4.02	4.23	-3.81	45.7	4.13	4.32	-3.90	-3
2	27	2.76	-4.08	7.12	7.24	-8.56	32.2	9.88	3.03	-4.35	-11
	3	-1.60	-0.20	5.56	4.70	-6.50	48.6	3.96	5.36	-7.16	-5
	26	-11.42	-11.05	5.79	-5.44	-17.03	45.9	0.00	0.00	-17.21	-16
	2	-7.85	0.11	4.23	1.94	-9.68	66.6	0.00	2.39	-12.08	-4
3	28	6.54	-0.73	8.32	11.98	-6.17	33.2	14.86	7.59	-1.77	-9
	4	6.48	-0.03	7.56	11.46	-5.01	33.3	14.04	7.53	-1.08	-7
	27	2.10	-4.18	6.55	6.23	-8.31	32.2	8.66	2.37	-4.45	-10
	3	-1.18	-0.14	5.80	5.16	-6.48	47.6	4.61	5.66	-6.98	-5
4	29	9.61	0.38	8.18	14.38	-4.40	30.3	17.79	8.55	0.00	-6
	5	9.85	0.04	8.09	14.40	-4.52	29.4	17.93	8.12	0.00	-6
	28	6.94	-0.67	7.79	11.80	-5.53	32.0	14.72	7.11	-0.85	-8
	4	5.83	-0.13	7.69	11.10	-5.40	34.4	13.52	7.56	-1.87	-7
5	30	10.97	0.84	7.93	15.32	-3.50	28.7	18.90	8.77	0.00	-4
	6	11.32	0.03	7.92	15.40	-4.05	27.3	19.24	7.95	0.00	-5
	29	9.74	0.40	8.10	14.42	-4.28	30.0	17.84	8.49	0.00	-6
	5	9.59	-0.00	8.08	14.19	-4.60	29.7	17.67	8.08	0.00	-6
6	31	10.93	1.06	7.55	15.02	-3.03	28.4	18.48	8.61	0.00	-4
	7	11.37	0.03	7.46	15.07	-3.67	26.4	18.83	7.49	0.00	-4
	30	11.02	0.85	7.95	15.37	-3.51	28.7	18.97	8.80	0.00	-4
	6	11.22	0.01	7.86	15.27	-4.04	27.3	19.08	7.87	0.00	-5
7	32	9.69	1.20	7.08	13.70	-2.81	29.5	16.77	8.28	0.00	-3
	8	10.22	0.02	6.86	13.67	-3.43	26.7	17.08	6.89	0.00	-4
	31	10.95	1.06	7.61	15.08	-3.07	28.5	18.56	8.67	0.00	-4
	7	11.31	0.02	7.39	14.97	-3.64	26.3	18.70	7.41	0.00	-4
8	33	7.47	1.32	6.49	11.57	-2.79	32.3	13.96	7.81	0.00	-4
	9	8.10	0.01	6.16	11.42	-3.31	28.4	14.26	6.17	0.00	-4
	32	9.70	1.20	7.14	13.76	-2.86	29.6	16.84	8.34	0.00	-4
	8	10.18	0.02	6.80	13.59	-3.39	26.6	16.98	6.82	0.00	-4
9	34	4.50	1.36	5.75	8.89	-3.03	37.4	10.25	7.11	-1.25	-4
	10	5.26	0.00	5.36	8.60	-3.34	31.9	10.62	5.36	-0.10	-5
	33	7.45	1.32	6.52	11.59	-2.82	32.4	13.97	7.83	0.00	-4
	9	8.06	0.01	6.12	11.36	-3.30	28.3	14.18	6.13	0.00	-4
10	35	1.20	1.17	4.75	5.93	-3.57	44.9	5.94	5.92	-3.55	-3
	11	2.21	-0.10	4.46	5.67	-3.55	37.7	6.68	4.36	-2.25	-4
	34	4.46	1.36	5.69	8.81	-2.99	37.4	10.15	7.04	-1.23	-4
	10	5.21	-0.00	5.40	8.60	-3.40	32.1	10.61	5.40	-0.19	-5
11	36	-2.60	0.04	2.32	1.39	-3.95	59.8	0.00	2.11	-4.92	-2
	12	1.88	0.30	2.37	3.59	-1.42	35.8	4.25	2.67	-0.50	-2
	35	1.32	1.19	4.51	5.76	-3.26	44.6	5.83	5.70	-3.19	-3
	11	1.71	-0.17	4.56	5.42	-3.89	39.2	6.27	4.39	-2.85	-4
12	37	-22.26	-3.12	4.38	-2.16	-23.22	77.7	0.00	0.00	-26.65	-7
	13	-18.20	0.01	3.96	0.83	-19.02	78.3	0.00	0.87	-22.15	-3
	36	-1.99	1.14	8.20	7.92	-8.77	50.4	6.21	9.34	-10.18	-7
	12	0.10	0.06	7.77	7.85	-7.69	44.9	7.87	7.83	-7.67	-7
13	38	-10.01	5.88	3.17	6.49	-10.62	79.1	0.00	6.88	-11.72	0
	14	-11.57	0.15	1.34	0.31	-11.72	83.5	0.00	0.31	-12.91	-1
	37	-22.48	-3.15	5.66	-1.61	-24.01	74.8	0.00	0.00	-28.14	-8
	13	-17.47	0.12	3.83	0.92	-18.27	78.2	0.00	0.96	-21.31	-3
14	39	-4.46	1.79	-0.14	1.80	-4.46	-88.7	0.00	1.80	-4.47	0
	15	-3.31	0.08	-0.27	0.11	-3.33	-85.5	0.00	0.11	-3.58	-0
	38	-10.48	0.61	0.64	0.65	-10.51	86.7	0.00	0.65	-11.12	-0
	14	-10.33	-0.99	0.51	-0.96	-10.36	86.9	0.00	0.00	-10.84	-1

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U7

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
15	40	1.20	2.31	-1.56	3.41	0.11	-54.8	2.76	3.87	0.00	0
	16	2.30	-0.00	-1.01	2.68	-0.38	-20.6	3.31	1.00	0.00	-0
	39	-4.31	1.82	-0.46	1.85	-4.34	-85.8	0.00	1.87	-4.42	0
	15	-3.49	0.06	0.09	0.06	-3.49	88.5	0.00	0.06	-3.58	-0
16	41	5.80	2.37	-2.76	7.34	0.84	-29.1	8.56	5.14	0.00	0
	17	6.78	0.02	-2.21	7.44	-0.64	-16.6	8.99	2.23	0.00	-0
	40	1.26	2.32	-1.60	3.47	0.10	-54.2	2.86	3.92	0.00	0
	16	2.25	-0.01	-1.05	2.66	-0.42	-21.4	3.30	1.04	0.00	-0
17	42	9.06	2.30	-3.81	10.77	0.58	-24.2	12.86	6.11	0.00	0
	18	9.88	0.03	-3.36	10.92	-1.01	-17.1	13.25	3.39	0.00	-1
	41	5.81	2.38	-2.72	7.31	0.88	-28.9	8.53	5.10	0.00	0
	17	6.80	0.03	-2.27	7.49	-0.66	-16.9	9.07	2.30	0.00	-0
18	43	10.72	2.10	-4.69	12.78	0.04	-23.7	15.41	6.79	0.00	0
	19	11.36	0.02	-4.40	12.86	-1.48	-18.9	15.75	4.42	0.00	-1
	42	9.05	2.29	-3.74	10.71	0.63	-24.0	12.79	6.03	0.00	0
	18	9.94	0.03	-3.45	11.02	-1.05	-17.4	13.39	3.48	0.00	-1
19	44	10.57	1.67	-5.33	13.07	-0.83	-25.1	15.91	7.00	0.00	-1
	20	10.84	0.01	-5.18	12.92	-2.07	-21.9	16.02	5.19	0.00	-2
	43	10.68	2.09	-4.63	12.70	0.07	-23.6	15.31	6.73	0.00	0
	19	11.46	0.04	-4.49	13.01	-1.51	-19.1	15.95	4.52	0.00	-1
20	45	8.39	0.65	-5.51	11.25	-2.21	-27.5	13.90	6.16	0.00	-2
	21	7.70	-0.11	-5.36	10.43	-2.84	-27.0	13.06	5.25	0.00	-3
	44	10.44	1.65	-5.37	12.99	-0.90	-25.3	15.82	7.02	0.00	-1
	20	11.09	0.05	-5.22	13.17	-2.03	-21.7	16.32	5.27	0.00	-2
21	46	3.63	-2.75	-4.78	6.19	-5.30	-28.1	8.41	2.03	-1.15	-7
	22	0.80	-0.12	-4.06	4.42	-3.75	-41.8	4.86	3.93	-3.26	-4
	45	8.00	0.60	-5.99	11.34	-2.75	-29.1	13.99	6.59	0.00	-3
	21	8.35	-0.02	-5.27	10.89	-2.56	-25.8	13.62	5.25	0.00	-3
22	47	-10.40	-9.42	-4.54	-5.34	-14.48	-48.1	0.00	0.00	-14.94	-13
	23	-6.35	0.16	-3.15	1.44	-7.62	-68.0	0.00	1.73	-9.49	-2
	46	4.31	-2.65	-5.28	7.15	-5.49	-28.3	9.58	2.63	-0.97	-7
	22	0.37	-0.19	-3.88	3.98	-3.80	-43.0	4.25	3.69	-3.52	-4
23	48	0.28	-7.52	-3.65	1.72	-8.96	-21.6	2.06	0.00	-3.37	-11
	24	-0.08	0.15	-3.37	3.40	-3.34	-46.0	3.28	3.51	-3.45	-3
	47	-10.14	-9.38	-3.47	-6.28	-13.25	-48.1	0.00	0.00	-13.61	-12
	23	-6.78	0.10	-3.18	1.34	-8.03	-68.6	0.00	1.59	-9.96	-3
24	50	-2.93	1.20	7.09	6.52	-8.24	53.1	4.16	8.29	-10.01	-5
	26	-11.56	-13.90	6.53	-6.10	-19.37	39.9	0.00	0.00	-18.10	-20
	49	-0.34	-3.23	4.98	3.40	-6.97	36.9	4.64	1.75	-5.32	-8
	25	0.38	-8.56	4.43	2.20	-10.38	22.4	2.67	0.00	-4.04	-12
25	51	1.86	-0.53	9.00	9.74	-8.41	41.2	10.85	8.46	-7.14	-9
	27	2.84	-3.60	6.53	6.89	-7.66	31.9	9.36	2.92	-3.69	-10
	50	-2.79	1.22	6.67	6.18	-7.75	53.4	3.88	7.89	-9.46	-5
	26	-11.85	-13.94	4.20	-8.57	-17.23	38.0	0.00	0.00	-16.05	-18
26	52	7.06	0.72	8.89	13.33	-5.54	35.2	15.95	9.61	-1.83	-8
	28	6.53	-0.83	7.72	11.40	-5.70	32.3	14.24	6.89	-1.19	-8
	51	2.13	-0.49	8.99	9.90	-8.27	40.9	11.12	8.49	-6.86	-9
	27	2.18	-3.70	7.82	7.59	-9.11	34.7	9.99	4.11	-5.64	-11
27	53	9.63	1.43	8.48	14.95	-3.89	32.1	18.11	9.91	0.00	-6
	29	9.61	0.36	8.02	14.24	-4.27	30.0	17.63	8.38	0.00	-6
	52	6.93	0.70	8.63	12.99	-5.36	35.1	15.56	9.33	-1.70	-7
	28	6.92	-0.77	8.17	12.11	-5.95	32.4	15.09	7.40	-1.25	-8
28	54	10.80	1.78	8.12	15.57	-3.00	30.5	18.92	9.90	0.00	-4
	30	10.97	0.83	7.93	15.31	-3.51	28.7	18.90	8.75	0.00	-4
	53	9.64	1.43	8.37	14.85	-3.79	31.9	18.00	9.80	0.00	-5
	29	9.74	0.38	8.18	14.48	-4.36	30.1	17.92	8.56	0.00	-6
29	55	10.66	1.95	7.79	15.23	-2.62	30.4	18.45	9.74	0.00	-3
	31	10.93	1.06	7.60	15.06	-3.07	28.5	18.53	8.66	0.00	-4
	54	10.81	1.78	8.12	15.59	-2.99	30.5	18.93	9.90	0.00	-4
	30	11.02	0.84	7.93	15.35	-3.50	28.7	18.95	8.77	0.00	-4

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U7

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
30	56	9.30	2.08	7.43	13.96	-2.57	32.1	16.74	9.52	0.00	-3
	32	9.69	1.20	7.15	13.76	-2.86	29.6	16.84	8.35	0.00	-4
	55	10.66	1.95	7.85	15.28	-2.67	30.5	18.51	9.80	0.00	-3
	31	10.95	1.06	7.56	15.03	-3.03	28.4	18.50	8.61	0.00	-4
31	57	6.87	2.21	6.95	11.87	-2.79	35.7	13.82	9.16	-0.08	-4
	33	7.46	1.32	6.54	11.61	-2.83	32.4	14.00	7.85	0.00	-4
	56	9.30	2.08	7.50	14.01	-2.63	32.2	16.80	9.58	0.00	-3
	32	9.70	1.20	7.09	13.71	-2.81	29.5	16.79	8.29	0.00	-3
32	58	3.56	2.28	6.18	9.13	-3.30	42.1	9.74	8.46	-2.63	-3
	34	4.50	1.36	5.72	8.87	-3.01	37.3	10.22	7.08	-1.23	-4
	57	6.85	2.21	6.97	11.88	-2.82	35.8	13.82	9.18	-0.12	-4
	33	7.45	1.31	6.52	11.59	-2.82	32.4	13.97	7.83	0.00	-4
33	59	-0.46	2.11	4.87	5.86	-4.21	52.4	4.41	6.98	-5.32	-2
	35	1.19	1.13	4.56	5.72	-3.40	44.8	5.75	5.70	-3.37	-3
	58	3.53	2.28	6.11	9.05	-3.24	42.1	9.64	8.39	-2.58	-3
	34	4.46	1.35	5.81	8.92	-3.10	37.5	10.27	7.16	-1.35	-4
34	60	-5.77	1.70	2.49	2.45	-6.52	73.2	0.00	2.77	-8.26	-0
	36	-2.56	0.30	2.44	1.70	-3.95	60.2	0.00	2.62	-5.00	-2
	59	-0.39	2.12	4.78	5.81	-4.07	52.4	4.39	6.90	-5.16	-2
	35	1.31	1.15	4.72	5.96	-3.49	44.5	6.04	5.88	-3.41	-3
35	61	-18.36	13.07	6.83	14.49	-19.78	78.2	0.00	15.61	-21.94	0
	37	-22.60	-5.34	6.00	-3.46	-24.48	72.6	0.00	0.00	-28.59	-11
	60	-5.97	7.77	9.12	12.31	-10.51	63.5	3.15	16.88	-15.08	-1
	36	-1.85	2.04	8.28	8.60	-8.41	51.6	6.43	10.32	-10.13	-6
36	62	-12.81	12.93	5.11	13.91	-13.79	79.2	0.00	14.97	-14.83	0
	38	-9.91	6.53	2.50	6.91	-10.29	81.5	0.00	7.17	-10.87	0
	61	-18.54	13.04	6.64	14.38	-19.88	78.6	0.00	15.42	-21.92	0
	37	-22.81	-5.37	4.03	-4.49	-23.70	77.6	0.00	0.00	-26.84	-9
37	63	-5.78	3.78	-0.33	3.79	-5.79	-88.0	0.00	3.80	-5.81	0
	39	-4.46	1.80	-0.48	1.84	-4.49	-85.6	0.00	1.85	-4.59	0
	62	-12.49	2.53	1.37	2.65	-12.61	84.8	0.00	2.68	-13.23	0
	38	-10.45	0.81	1.22	0.94	-10.58	83.9	0.00	0.95	-11.67	-0
38	64	0.03	4.26	-1.99	5.05	-0.76	-68.4	2.02	6.26	-0.90	0
	40	1.20	2.28	-1.66	3.49	-0.01	-54.0	2.86	3.94	-0.02	0
	63	-5.79	3.78	-0.58	3.81	-5.83	-86.5	0.00	3.83	-5.88	0
	39	-4.31	1.82	-0.25	1.83	-4.32	-87.6	0.00	1.84	-4.34	0
39	65	4.87	4.42	-3.26	7.92	1.38	-43.0	8.13	7.68	0.00	0
	41	5.80	2.37	-2.75	7.33	0.84	-29.1	8.55	5.12	0.00	0
	64	0.06	4.27	-2.08	5.12	-0.79	-67.7	2.14	6.35	-0.95	0
	40	1.26	2.29	-1.57	3.42	0.12	-54.1	2.83	3.86	0.00	0
40	66	8.34	4.42	-4.23	11.04	1.72	-32.6	12.57	8.65	0.00	0
	42	9.05	2.29	-3.75	10.73	0.62	-24.0	12.81	6.05	0.00	0
	65	4.89	4.43	-3.24	7.91	1.41	-42.9	8.14	7.67	0.00	0
	41	5.81	2.37	-2.77	7.35	0.83	-29.1	8.58	5.14	0.00	0
41	67	10.17	4.33	-5.00	13.04	1.46	-29.8	15.17	9.32	0.00	0
	43	10.72	2.09	-4.64	12.74	0.07	-23.5	15.36	6.73	0.00	0
	66	8.34	4.42	-4.17	10.99	1.78	-32.4	12.51	8.59	0.00	0
	42	9.04	2.29	-3.81	10.76	0.58	-24.2	12.85	6.10	0.00	0
42	68	10.17	4.06	-5.66	13.55	0.68	-30.8	15.83	9.72	0.00	0
	44	10.57	1.66	-5.37	13.09	-0.86	-25.2	15.94	7.03	0.00	-1
	67	10.16	4.33	-4.96	13.00	1.49	-29.8	15.12	9.29	0.00	0
	43	10.68	2.08	-4.67	12.73	0.04	-23.7	15.35	6.75	0.00	0
43	69	8.11	3.47	-6.30	12.50	-0.92	-34.9	14.41	9.77	0.00	-1
	45	8.37	0.56	-5.84	11.49	-2.56	-28.1	14.21	6.40	0.00	-3
	68	10.17	4.06	-5.72	13.60	0.63	-30.9	15.89	9.78	0.00	0
	44	10.44	1.64	-5.26	12.90	-0.82	-25.0	15.70	6.90	0.00	-1
44	70	3.40	2.49	-7.02	9.98	-4.08	-43.1	10.42	9.51	-3.61	-4
	46	3.71	-2.26	-5.97	7.40	-5.96	-31.7	9.68	3.71	-2.27	-8
	69	8.24	3.49	-6.49	12.78	-1.05	-34.9	14.74	9.98	0.00	-1
	45	7.99	0.50	-5.45	10.85	-2.37	-27.8	13.43	5.95	0.00	-3

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U7

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
45	71	-1.95	4.54	-5.02	7.27	-4.68	-61.4	3.07	9.56	-6.97	-0
	47	-10.83	-12.30	-2.85	-8.63	-14.50	-37.8	0.00	0.00	-13.68	-15
	70	3.13	2.45	-6.94	9.74	-4.16	-43.6	10.07	9.39	-3.81	-4
	46	4.38	-2.16	-4.77	6.89	-4.67	-27.8	9.15	2.60	-0.39	-6
46	72	-0.34	0.46	-3.56	3.64	-3.52	-48.2	3.22	4.02	-3.90	-3
	48	0.44	-6.49	-3.47	1.88	-7.93	-22.5	2.29	0.00	-3.03	-9
	71	-2.09	4.52	-5.36	7.51	-5.09	-60.8	3.27	9.88	-7.45	-0
	47	-10.57	-12.26	-5.28	-6.07	-16.76	-40.5	0.00	0.00	-15.85	-17
47	74	0.53	4.22	7.39	9.99	-5.24	52.0	7.92	11.61	-6.86	-3
	50	-3.06	0.30	6.21	5.05	-7.81	52.6	3.14	6.51	-9.27	-5
	73	-0.01	4.80	6.46	9.29	-4.50	55.2	6.45	11.26	-6.47	-1
	49	-0.26	-2.65	5.28	3.96	-6.87	38.6	5.02	2.62	-5.53	-7
48	75	3.26	4.08	8.30	11.98	-4.65	46.4	11.56	12.39	-5.05	-4
	51	1.92	-0.10	9.04	10.01	-8.19	41.8	10.97	8.94	-7.12	-9
	74	0.50	4.22	6.76	9.37	-4.66	52.7	7.26	10.98	-6.27	-2
	50	-2.93	0.32	7.50	6.38	-8.98	51.1	4.58	7.83	-10.43	-7
49	76	6.95	3.29	8.30	13.62	-3.38	38.8	15.25	11.59	-1.35	-5
	52	7.08	0.82	8.82	13.31	-5.41	35.2	15.89	9.64	-1.74	-8
	75	3.40	4.10	8.26	12.02	-4.52	46.2	11.66	12.36	-4.87	-4
	51	2.19	-0.06	8.78	9.92	-7.79	41.3	10.98	8.72	-6.59	-8
50	77	9.53	2.93	8.19	15.06	-2.60	34.0	17.72	11.13	0.00	-4
	53	9.64	1.48	8.40	14.90	-3.78	32.0	18.04	9.88	0.00	-5
	76	6.97	3.29	8.49	13.82	-3.56	38.9	15.46	11.78	-1.52	-5
	52	6.95	0.80	8.70	13.10	-5.35	35.3	15.64	9.50	-1.75	-7
51	78	10.70	2.75	8.03	15.68	-2.24	31.8	18.72	10.77	0.00	-3
	54	10.80	1.79	8.12	15.59	-2.99	30.5	18.92	9.92	0.00	-4
	77	9.51	2.93	8.29	15.14	-2.70	34.2	17.80	11.22	0.00	-4
	53	9.64	1.48	8.38	14.88	-3.76	32.0	18.02	9.86	0.00	-5
52	79	10.52	2.63	7.89	15.40	-2.25	31.7	18.41	10.53	0.00	-3
	55	10.66	1.96	7.85	15.28	-2.66	30.5	18.51	9.81	0.00	-3
	78	10.69	2.75	8.11	15.75	-2.32	32.0	18.81	10.86	0.00	-3
	54	10.81	1.80	8.07	15.55	-2.94	30.4	18.88	9.87	0.00	-4
53	80	9.04	2.60	7.74	14.20	-2.56	33.7	16.78	10.34	0.00	-4
	56	9.30	2.09	7.51	14.03	-2.64	32.2	16.82	9.60	0.00	-3
	79	10.52	2.63	8.00	15.49	-2.34	31.9	18.52	10.63	0.00	-3
	55	10.66	1.96	7.77	15.22	-2.59	30.4	18.43	9.73	0.00	-3
54	81	6.32	2.67	7.43	12.15	-3.16	38.1	13.75	10.10	-1.11	-4
	57	6.87	2.23	7.01	11.93	-2.84	35.8	13.88	9.24	-0.14	-4
	80	9.04	2.60	7.85	14.30	-2.66	33.8	16.89	10.45	0.00	-4
	56	9.30	2.09	7.42	13.95	-2.56	32.1	16.72	9.52	0.00	-3
55	82	2.46	2.83	6.75	9.40	-4.11	45.8	9.22	9.58	-4.29	-3
	58	3.56	2.31	6.18	9.14	-3.27	42.1	9.74	8.49	-2.62	-3
	81	6.32	2.67	7.52	12.23	-3.25	38.2	13.84	10.19	-1.20	-4
	57	6.85	2.22	6.95	11.86	-2.79	35.8	13.80	9.17	-0.10	-4
56	83	-2.37	3.15	5.42	6.48	-5.69	58.5	3.05	8.57	-7.79	-2
	59	-0.45	2.14	4.78	5.80	-4.10	52.6	4.32	6.92	-5.23	-2
	82	2.47	2.83	6.82	9.47	-4.17	45.8	9.29	9.65	-4.35	-3
	58	3.54	2.31	6.17	9.13	-3.28	42.2	9.71	8.48	-2.64	-3
57	84	-7.82	3.63	3.55	4.64	-8.83	74.1	0.00	5.24	-11.29	0
	60	-5.74	1.89	2.76	2.78	-6.63	72.1	0.00	3.21	-8.50	-0
	83	-2.39	3.15	5.51	6.54	-5.79	58.4	3.11	8.66	-7.90	-2
	59	-0.38	2.15	4.71	5.76	-3.99	52.5	4.33	6.86	-5.09	-2
58	85	-18.38	18.69	9.38	20.93	-20.62	76.6	0.00	23.48	-23.09	0
	61	-18.49	12.23	6.21	13.44	-19.70	79.0	0.00	14.31	-21.64	0
	84	-8.08	14.99	12.03	20.12	-13.21	66.9	3.95	27.02	-17.73	0
	60	-5.87	8.41	8.85	12.64	-10.10	64.4	2.98	17.26	-14.72	-0
59	86	-15.01	21.02	5.47	21.83	-15.83	81.5	0.00	23.01	-16.44	0
	62	-12.71	13.60	4.80	14.44	-13.56	80.0	0.00	15.41	-14.40	0
	85	-18.48	18.67	8.22	20.41	-20.22	78.1	0.00	22.33	-22.10	0
	61	-18.66	12.20	7.55	13.95	-20.41	77.0	0.00	15.25	-23.33	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U7

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
60	87	-7.87	5.38	-0.70	5.42	-7.91	-87.0	0.00	5.44	-7.96	0
	63	-5.78	3.77	-0.57	3.81	-5.81	-86.6	0.00	3.83	-5.87	0
	86	-14.69	4.69	1.41	4.79	-14.79	85.9	0.00	4.83	-15.12	0
	62	-12.46	2.72	1.54	2.88	-12.61	84.3	0.00	2.91	-13.33	0
61	88	-1.37	5.77	-2.52	6.57	-2.17	-72.4	1.16	8.29	-2.47	0
	64	0.03	4.28	-2.11	5.15	-0.84	-67.6	2.14	6.39	-1.01	0
	87	-7.82	5.39	-0.83	5.44	-7.87	-86.4	0.00	5.48	-7.94	0
	63	-5.79	3.77	-0.42	3.79	-5.81	-87.5	0.00	3.80	-5.84	0
62	89	3.98	6.01	-3.75	8.88	1.11	-52.6	7.72	9.76	0.00	0
	65	4.87	4.43	-3.25	7.91	1.39	-43.1	8.13	7.68	0.00	0
	88	-1.34	5.77	-2.54	6.59	-2.16	-72.2	1.21	8.32	-2.46	0
	64	0.07	4.29	-2.05	5.12	-0.77	-67.9	2.12	6.34	-0.92	0
63	90	7.77	6.22	-4.54	11.60	2.40	-40.2	12.31	10.76	0.00	0
	66	8.34	4.43	-4.16	10.98	1.79	-32.4	12.50	8.59	0.00	0
	89	4.00	6.01	-3.68	8.82	1.19	-52.7	7.67	9.69	0.00	0
	65	4.89	4.43	-3.30	7.97	1.36	-43.0	8.19	7.73	0.00	0
64	91	9.78	6.48	-5.10	13.49	2.78	-36.0	14.88	11.58	0.00	0
	67	10.17	4.34	-4.92	12.97	1.54	-29.7	15.09	9.26	0.00	0
	90	7.78	6.22	-4.42	11.49	2.51	-40.0	12.20	10.65	0.00	0
	66	8.35	4.43	-4.25	11.07	1.71	-32.6	12.59	8.68	0.00	0
65	92	9.88	6.84	-5.58	14.14	2.57	-37.4	15.45	12.42	0.00	0
	68	10.18	4.11	-5.63	13.54	0.75	-30.8	15.80	9.74	0.00	0
	91	9.79	6.48	-4.97	13.37	2.90	-35.8	14.75	11.45	0.00	0
	67	10.16	4.34	-5.01	13.05	1.46	-29.9	15.18	9.36	0.00	0
66	93	8.02	7.43	-6.02	13.76	1.70	-43.6	14.05	13.46	0.00	0
	69	8.13	3.57	-6.30	12.55	-0.85	-35.1	14.43	9.87	0.00	-1
	92	9.89	6.84	-5.43	14.00	2.73	-37.1	15.32	12.27	0.00	0
	68	10.18	4.11	-5.70	13.61	0.69	-31.0	15.88	9.81	0.00	0
67	94	4.58	8.54	-6.01	12.88	0.24	-54.1	10.59	14.55	0.00	0
	70	3.47	2.92	-6.73	9.93	-3.55	-43.8	10.20	9.66	-3.27	-3
	93	8.01	7.43	-5.76	13.49	1.95	-43.6	13.77	13.19	0.00	0
	69	8.26	3.59	-6.49	12.83	-0.98	-35.1	14.75	10.08	0.00	-1
68	95	1.30	9.02	-4.69	11.23	-0.91	-64.7	5.99	13.71	-1.13	0
	71	-2.09	3.62	-5.78	7.21	-5.68	-58.2	3.69	9.40	-7.87	-2
	94	4.44	8.52	-5.98	12.80	0.16	-54.4	10.42	14.50	0.00	0
	70	3.20	2.88	-7.07	10.11	-4.03	-44.4	10.27	9.95	-3.87	-4
69	96	0.00	10.00	-4.55	11.76	-1.76	-68.9	4.55	14.55	-2.06	0
	72	-0.25	1.05	-3.82	4.27	-3.47	-49.8	3.57	4.86	-4.07	-2
	95	1.33	9.03	-5.26	11.70	-1.34	-63.1	6.59	14.29	-1.74	0
	71	-2.23	3.60	-4.53	6.08	-4.70	-61.4	2.31	8.14	-6.76	-0
70	98	1.87	6.80	6.52	11.30	-2.63	55.4	8.38	13.31	-4.38	0
	74	0.59	4.63	6.86	9.76	-4.54	53.2	7.45	11.49	-6.27	-2
	97	0.03	7.75	6.28	11.26	-3.48	60.8	6.31	14.03	-5.06	0
	73	-0.11	4.08	6.62	8.93	-4.96	53.8	6.51	10.70	-6.74	-2
71	99	4.37	6.02	7.09	12.33	-1.94	48.3	11.46	13.11	-2.72	-1
	75	3.23	3.93	8.06	11.65	-4.49	46.2	11.30	11.99	-4.83	-4
	98	1.84	6.79	6.32	11.10	-2.47	55.7	8.15	13.11	-4.04	0
	74	0.56	4.62	7.29	10.16	-4.98	52.8	7.85	11.91	-6.74	-2
72	100	7.28	4.98	7.33	13.55	-1.29	40.6	14.61	12.32	-0.05	-2
	76	6.96	3.31	8.49	13.81	-3.55	38.9	15.44	11.79	-1.53	-5
	99	4.42	6.03	6.98	12.25	-1.80	48.3	11.40	13.01	-2.56	-0
	75	3.37	3.95	8.14	11.80	-4.48	46.0	11.51	12.08	-4.76	-4
73	101	9.62	4.07	7.47	14.81	-1.12	34.8	17.09	11.54	0.00	-1
	77	9.53	2.97	8.33	15.21	-2.71	34.2	17.87	11.30	0.00	-4
	100	7.32	4.99	7.46	13.70	-1.40	40.6	14.78	12.45	-0.14	-2
	76	6.97	3.31	8.32	13.66	-3.38	38.8	15.30	11.64	-1.35	-5
74	102	10.79	3.41	7.61	15.56	-1.36	32.1	18.40	11.02	0.00	-1
	78	10.70	2.77	8.14	15.79	-2.32	32.0	18.84	10.91	0.00	-3
	101	9.63	4.07	7.64	14.98	-1.28	35.0	17.27	11.71	0.00	-1
	77	9.52	2.96	8.17	15.04	-2.56	34.1	17.69	11.13	0.00	-4

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U7

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
75	103	10.60	2.95	7.78	15.45	-1.90	31.9	18.38	10.74	0.00	-2
	79	10.52	2.65	8.01	15.51	-2.34	31.9	18.53	10.66	0.00	-3
	102	10.79	3.41	7.77	15.70	-1.51	32.3	18.56	11.18	0.00	-2
	78	10.70	2.77	8.00	15.66	-2.20	31.8	18.70	10.77	0.00	-3
76	104	9.00	2.67	7.93	14.37	-2.70	34.1	16.92	10.59	0.00	-4
	80	9.04	2.61	7.87	14.32	-2.67	33.9	16.91	10.48	0.00	-4
	103	10.60	2.95	7.94	15.58	-2.03	32.1	18.53	10.89	0.00	-2
	79	10.52	2.65	7.87	15.39	-2.22	31.7	18.40	10.52	0.00	-3
77	105	5.96	2.56	7.92	12.36	-3.84	38.9	13.88	10.47	-1.95	-5
	81	6.32	2.69	7.56	12.28	-3.27	38.2	13.88	10.24	-1.23	-4
	104	9.00	2.67	8.08	14.52	-2.85	34.3	17.08	10.75	0.00	-4
	80	9.04	2.61	7.72	14.19	-2.54	33.7	16.76	10.34	0.00	-3
78	106	1.52	2.69	7.54	9.66	-5.46	47.2	9.06	10.23	-6.03	-4
	82	2.47	2.88	6.86	9.54	-4.19	45.8	9.33	9.74	-4.39	-3
	105	5.97	2.56	8.09	12.53	-4.00	39.0	14.06	10.64	-2.11	-5
	81	6.32	2.69	7.41	12.13	-3.12	38.1	13.73	10.10	-1.09	-4
79	107	-4.16	3.15	6.55	7.00	-8.00	59.6	2.39	9.70	-10.71	-3
	83	-2.37	3.16	5.53	6.58	-5.79	58.3	3.16	8.69	-7.90	-2
	106	1.51	2.68	7.73	9.85	-5.65	47.2	9.24	10.41	-6.22	-5
	82	2.47	2.88	6.72	9.39	-4.04	45.9	9.19	9.59	-4.24	-3
80	108	-10.26	3.76	4.77	5.23	-11.73	72.9	0.00	5.98	-15.03	-1
	84	-7.82	3.60	3.56	4.62	-8.84	74.0	0.00	5.22	-11.34	0
	107	-4.23	3.14	6.64	7.05	-8.14	59.5	2.41	9.78	-10.87	-3
	83	-2.39	3.15	5.43	6.48	-5.72	58.5	3.04	8.59	-7.82	-2
81	109	-21.59	20.60	11.65	23.61	-24.59	75.5	0.00	26.89	-28.18	0
	85	-18.36	18.79	8.35	20.58	-20.15	77.9	0.00	22.59	-22.07	0
	108	-10.55	16.31	15.67	23.52	-17.75	65.3	5.12	31.98	-25.60	0
	84	-8.09	14.89	12.37	20.28	-13.49	66.4	4.28	27.26	-18.37	0
82	110	-18.35	23.41	5.90	24.23	-19.16	82.1	0.00	25.31	-19.83	0
	86	-15.04	20.85	4.77	21.48	-15.66	82.6	0.00	22.37	-16.13	0
	109	-21.68	20.59	10.58	23.09	-24.18	76.7	0.00	25.75	-27.11	0
	85	-18.47	18.77	9.45	21.03	-20.73	76.5	0.00	23.61	-23.22	0
83	111	-10.35	5.89	-1.14	5.97	-10.43	-86.0	0.00	6.02	-10.57	0
	87	-7.87	5.39	-0.89	5.45	-7.93	-86.2	0.00	5.49	-8.01	0
	110	-18.02	5.05	1.44	5.14	-18.11	86.4	0.00	5.17	-18.43	0
	86	-14.70	4.64	1.69	4.79	-14.85	85.0	0.00	4.84	-15.32	0
84	112	-2.88	6.40	-3.07	7.32	-3.80	-73.2	0.20	9.47	-4.35	0
	88	-1.36	5.79	-2.56	6.61	-2.18	-72.2	1.19	8.35	-2.49	0
	111	-10.27	5.91	-1.28	6.01	-10.37	-85.5	0.00	6.06	-10.54	0
	87	-7.81	5.40	-0.76	5.44	-7.86	-86.7	0.00	5.47	-7.92	0
85	113	3.19	6.86	-4.12	9.54	0.52	-57.0	7.31	10.98	0.00	0
	89	3.98	6.03	-3.68	8.82	1.19	-52.8	7.66	9.71	0.00	0
	112	-2.85	6.40	-3.02	7.30	-3.75	-73.4	0.18	9.43	-4.27	0
	88	-1.34	5.80	-2.58	6.63	-2.17	-72.0	1.25	8.38	-2.49	0
86	114	7.43	7.40	-4.61	12.03	2.81	-44.9	12.04	12.01	0.00	0
	90	7.77	6.24	-4.41	11.49	2.53	-40.1	12.19	10.65	0.00	0
	113	3.21	6.86	-3.99	9.42	0.65	-57.3	7.19	10.85	0.00	0
	89	4.00	6.03	-3.79	8.94	1.09	-52.5	7.79	9.82	0.00	0
87	115	9.68	8.09	-4.80	13.75	4.02	-40.3	14.48	12.89	0.00	0
	91	9.78	6.51	-4.94	13.35	2.94	-35.8	14.72	11.45	0.00	0
	114	7.44	7.40	-4.43	11.85	2.99	-44.9	11.88	11.83	0.00	0
	90	7.78	6.24	-4.57	11.65	2.38	-40.2	12.35	10.81	0.00	0
88	116	9.93	9.03	-4.86	14.35	4.60	-42.4	14.78	13.88	0.00	0
	92	9.88	6.87	-5.40	13.98	2.77	-37.2	15.28	12.27	0.00	0
	115	9.69	8.09	-4.59	13.55	4.23	-40.1	14.28	12.68	0.00	0
	91	9.79	6.51	-5.13	13.54	2.76	-36.1	14.92	11.64	0.00	0
89	117	8.37	10.27	-4.78	14.20	4.45	-50.6	13.15	15.05	0.00	0
	93	8.03	7.45	-5.79	13.54	1.94	-43.6	13.82	13.24	0.00	0
	116	9.92	9.03	-4.62	14.11	4.84	-42.2	14.54	13.64	0.00	0
	92	9.90	6.88	-5.63	14.22	2.56	-37.5	15.53	12.51	0.00	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U7

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
90	118	5.63	11.70	-4.38	13.99	3.33	-62.3	10.01	16.08	0.00	0
	94	4.56	8.38	-5.81	12.59	0.35	-54.1	10.37	14.19	0.00	0
	117	8.33	10.27	-4.59	13.99	4.61	-51.0	12.92	14.85	0.00	0
	93	8.01	7.45	-6.02	13.75	1.70	-43.7	14.03	13.46	0.00	0
91	119	2.67	12.87	-3.80	14.13	1.42	-71.7	6.47	16.67	0.00	0
	95	1.36	9.42	-5.16	11.94	-1.16	-64.0	6.52	14.59	-1.47	0
	118	5.58	11.69	-4.43	14.02	3.25	-62.3	10.01	16.12	0.00	0
	94	4.41	8.36	-5.80	12.51	0.26	-54.4	10.21	14.16	0.00	0
92	120	0.04	14.27	-3.87	15.26	-0.95	-75.7	3.91	18.15	-1.01	0
	96	-0.11	9.28	-4.69	11.22	-2.05	-67.5	4.58	13.97	-2.47	0
	119	2.70	12.88	-3.96	14.23	1.35	-71.1	6.66	16.83	0.00	0
	95	1.39	9.43	-4.77	11.65	-0.83	-65.1	6.16	14.20	-1.03	0
93	122	2.38	7.70	5.42	11.08	-1.00	58.1	7.80	13.13	-1.44	0
	98	1.89	6.93	6.38	11.27	-2.46	55.8	8.27	13.31	-4.00	0
	121	0.02	8.72	5.33	11.25	-2.51	64.6	5.35	14.05	-3.24	0
	97	-0.01	7.47	6.29	11.05	-3.59	60.4	6.28	13.76	-5.31	0
94	123	5.00	6.66	5.74	11.63	0.03	49.1	10.74	12.40	0.00	0
	99	4.37	6.01	6.92	12.16	-1.78	48.4	11.29	12.93	-2.55	-0
	122	2.35	7.70	5.34	11.00	-0.95	58.3	7.70	13.04	-1.36	0
	98	1.86	6.92	6.53	11.39	-2.61	55.6	8.38	13.45	-4.29	0
95	124	7.76	5.50	6.07	12.80	0.46	39.7	13.83	11.57	0.00	0
	100	7.27	4.96	7.40	13.61	-1.37	40.6	14.67	12.36	-0.12	-2
	123	5.02	6.67	5.67	11.57	0.12	49.1	10.69	12.34	0.00	0
	99	4.42	6.02	7.00	12.26	-1.83	48.3	11.41	13.01	-2.58	-0
96	125	10.02	4.41	6.47	14.27	0.16	33.3	16.50	10.88	0.00	0
	101	9.62	4.07	7.63	14.97	-1.28	35.0	17.26	11.71	0.00	-1
	124	7.80	5.50	6.14	12.90	0.40	39.7	13.94	11.65	0.00	0
	100	7.31	4.97	7.31	13.54	-1.26	40.4	14.62	12.28	0.00	-2
97	126	11.18	3.51	6.96	15.29	-0.59	30.6	18.14	10.47	0.00	-0
	102	10.79	3.42	7.78	15.72	-1.51	32.3	18.57	11.20	0.00	-2
	125	10.03	4.41	6.64	14.43	0.01	33.5	16.67	11.05	0.00	0
	101	9.63	4.07	7.46	14.81	-1.11	34.8	17.09	11.54	0.00	-1
98	127	10.97	2.81	7.46	15.39	-1.62	30.7	18.43	10.27	0.00	-2
	103	10.60	2.96	7.94	15.59	-2.04	32.2	18.54	10.90	0.00	-3
	126	11.18	3.51	7.13	15.44	-0.75	30.9	18.31	10.64	0.00	-1
	102	10.79	3.41	7.61	15.56	-1.35	32.1	18.40	11.02	0.00	-1
99	128	9.25	2.24	7.93	14.41	-2.93	33.1	17.18	10.17	0.00	-4
	104	9.00	2.67	8.08	14.52	-2.85	34.3	17.08	10.75	0.00	-4
	127	10.96	2.81	7.62	15.53	-1.76	30.9	18.59	10.43	0.00	-2
	103	10.60	2.96	7.78	15.45	-1.89	31.9	18.38	10.74	0.00	-2
100	129	5.93	1.79	8.27	12.39	-4.66	38.0	14.20	10.06	-2.33	-6
	105	5.97	2.56	8.09	12.53	-4.00	39.1	14.06	10.65	-2.12	-5
	128	9.25	2.24	8.09	14.56	-3.08	33.3	17.34	10.33	0.00	-4
	104	9.00	2.67	7.92	14.36	-2.69	34.1	16.92	10.59	0.00	-4

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U8

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
1	26	-16.63	-15.97	7.21	-9.09	-23.52	46.3	0.00	0.00	-23.84	-23
	2	-12.25	-0.05	6.15	2.51	-14.81	67.4	0.00	3.04	-18.40	-6
	25	0.33	-14.61	7.00	3.09	-17.38	21.6	3.68	0.00	-6.68	-21
	1	0.13	0.56	5.94	6.29	-5.60	46.0	6.08	6.50	-5.81	-5
2	27	4.46	-6.17	10.22	10.66	-12.37	31.3	14.67	4.05	-5.76	-16
	3	-2.10	-0.25	8.08	6.95	-9.30	48.3	5.97	7.83	-10.18	-8
	26	-17.07	-16.04	8.36	-8.18	-24.93	46.8	0.00	0.00	-25.43	-24
	2	-11.47	0.07	6.22	2.78	-14.19	66.4	0.00	3.44	-17.69	-6
3	28	10.24	-0.98	12.15	18.02	-8.75	32.6	22.40	11.18	-1.91	-13
	4	10.21	-0.06	11.00	17.21	-7.06	32.5	21.21	10.93	-0.78	-11
	27	3.45	-6.32	9.55	9.29	-12.17	31.5	13.00	3.23	-6.11	-15
	3	-1.44	-0.15	8.40	7.63	-9.21	47.2	6.95	8.25	-9.84	-8
4	29	14.95	0.69	11.85	21.64	-6.01	29.5	26.79	12.54	0.00	-8
	5	15.37	0.06	11.71	21.71	-6.28	28.4	27.08	11.77	0.00	-8
	28	10.84	-0.89	11.32	17.73	-7.77	31.3	22.16	10.44	-0.48	-12
	4	9.22	-0.21	11.19	16.65	-7.64	33.6	20.41	10.98	-1.97	-11
5	30	17.10	1.40	11.40	23.09	-4.59	27.7	28.50	12.79	0.00	-6
	6	17.69	0.04	11.39	23.28	-5.55	26.1	29.08	11.43	0.00	-7
	29	15.15	0.72	11.72	21.70	-5.83	29.2	26.87	12.44	0.00	-8
	5	14.98	0.00	11.71	21.40	-6.41	28.7	26.70	11.72	0.00	-9
6	31	17.17	1.71	10.75	22.68	-3.81	27.1	27.92	12.46	0.00	-5
	7	17.88	0.04	10.64	22.84	-4.92	25.0	28.52	10.67	0.00	-6
	30	17.17	1.41	11.42	23.17	-4.59	27.7	28.59	12.83	0.00	-6
	6	17.54	0.02	11.31	23.08	-5.53	26.1	28.84	11.32	0.00	-7
7	32	15.48	1.90	9.98	20.76	-3.38	27.9	25.46	11.87	0.00	-4
	8	16.31	0.03	9.68	20.82	-4.48	25.0	25.99	9.72	0.00	-5
	31	17.19	1.71	10.83	22.77	-3.86	27.2	28.03	12.54	0.00	-5
	7	17.80	0.03	10.54	22.70	-4.87	24.9	28.34	10.57	0.00	-6
8	33	12.34	2.04	9.05	17.60	-3.23	30.2	21.39	11.09	0.00	-4
	9	13.29	0.02	8.60	17.52	-4.20	26.2	21.89	8.62	0.00	-5
	32	15.49	1.90	10.06	20.83	-3.44	28.0	25.55	11.96	0.00	-4
	8	16.25	0.03	9.60	20.71	-4.43	24.9	25.85	9.62	0.00	-5
9	34	8.08	2.06	7.94	13.56	-3.42	34.6	16.02	10.00	0.00	-5
	10	9.19	0.01	7.39	13.30	-4.10	29.1	16.58	7.40	0.00	-5
	33	12.32	2.04	9.09	17.62	-3.26	30.3	21.41	11.13	0.00	-4
	9	13.25	0.01	8.54	17.43	-4.17	26.1	21.79	8.55	0.00	-5
10	35	3.25	1.78	6.51	9.07	-4.04	41.8	9.76	8.29	-3.26	-4
	11	4.66	-0.15	6.09	8.80	-4.30	34.2	10.75	5.94	-1.43	-6
	34	8.03	2.06	7.86	13.45	-3.37	34.6	15.89	9.92	0.00	-5
	10	9.14	0.00	7.45	13.30	-4.17	29.2	16.58	7.45	0.00	-6
11	36	-2.36	0.06	3.23	2.30	-4.60	55.3	0.87	3.29	-5.59	-3
	12	3.53	0.49	3.26	5.61	-1.58	32.5	6.79	3.75	0.00	-2
	35	3.39	1.80	6.17	8.82	-3.63	41.3	9.56	7.97	-2.78	-4
	11	4.02	-0.25	6.20	8.44	-4.67	35.5	10.22	5.95	-2.18	-6
12	37	-31.29	-4.98	6.24	-3.58	-32.70	77.3	0.00	0.00	-37.53	-11
	13	-25.39	0.02	5.59	1.19	-26.56	78.1	0.00	1.25	-30.98	-5
	36	-1.48	1.18	11.42	11.34	-11.65	48.3	9.94	12.60	-12.90	-10
	12	1.13	0.04	10.76	11.36	-10.19	43.5	11.89	10.80	-9.63	-10
13	38	-12.70	7.82	4.74	8.86	-13.74	77.6	0.00	9.59	-15.57	0
	14	-15.32	0.16	2.23	0.48	-15.64	82.0	0.00	0.49	-17.55	-2
	37	-31.59	-5.03	7.99	-2.81	-33.81	74.5	0.00	0.00	-39.59	-13
	13	-24.34	0.17	5.48	1.34	-25.52	77.9	0.00	1.41	-29.83	-5
14	39	-4.61	2.64	0.07	2.64	-4.61	89.5	0.00	2.65	-4.61	0
	15	-2.91	0.12	-0.05	0.12	-2.91	-89.0	0.00	0.12	-2.93	0
	38	-13.36	0.88	0.98	0.94	-13.43	86.1	0.00	0.95	-14.34	-0
	14	-13.69	-1.32	0.85	-1.27	-13.74	86.1	0.00	0.00	-14.54	-2

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U8

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
15	40	3.62	3.39	-1.94	5.44	1.56	-43.3	5.55	5.33	0.00	0
	16	5.20	0.00	-1.14	5.44	-0.24	-11.9	6.35	1.14	0.00	-0
	39	-4.36	2.68	-0.37	2.70	-4.38	-87.0	0.00	2.71	-4.41	0
	15	-3.25	0.07	0.42	0.12	-3.30	82.9	0.00	0.13	-3.67	-0
16	41	10.16	3.52	-3.69	11.80	1.88	-24.0	13.85	7.21	0.00	0
	17	11.62	0.03	-2.91	12.31	-0.66	-13.3	14.53	2.95	0.00	-0
	40	3.69	3.40	-1.98	5.54	1.56	-42.9	5.68	5.38	0.00	0
	16	5.12	-0.01	-1.21	5.39	-0.28	-12.6	6.33	1.20	0.00	-0
17	42	14.73	3.44	-5.25	16.80	1.38	-21.5	19.98	8.69	0.00	0
	18	16.00	0.04	-4.63	17.24	-1.21	-15.1	20.63	4.67	0.00	-1
	41	10.18	3.53	-3.62	11.77	1.94	-23.7	13.81	7.15	0.00	0
	17	11.63	0.04	-3.00	12.37	-0.69	-13.7	14.64	3.04	0.00	-0
18	43	16.98	3.18	-6.59	19.62	0.54	-21.8	23.57	9.77	0.00	0
	19	17.97	0.03	-6.20	19.90	-1.90	-17.3	24.16	6.23	0.00	-2
	42	14.72	3.44	-5.15	16.72	1.44	-21.2	19.87	8.59	0.00	0
	18	16.07	0.05	-4.76	17.38	-1.26	-15.4	20.83	4.81	0.00	-1
19	44	16.56	2.54	-7.60	19.89	-0.79	-23.7	24.16	10.15	0.00	-0
	20	17.00	0.02	-7.41	19.78	-2.76	-20.6	24.41	7.43	0.00	-3
	43	16.92	3.17	-6.52	19.52	0.57	-21.7	23.44	9.69	0.00	0
	19	18.12	0.05	-6.33	20.12	-1.94	-17.5	24.45	6.38	0.00	-2
20	45	13.12	1.03	-7.92	17.03	-2.88	-26.3	21.03	8.95	0.00	-3
	21	12.12	-0.19	-7.71	15.83	-3.90	-25.7	19.83	7.52	0.00	-5
	44	16.36	2.51	-7.67	19.77	-0.89	-24.0	24.03	10.18	0.00	-1
	20	17.38	0.08	-7.46	20.15	-2.70	-20.4	24.84	7.54	0.00	-3
21	46	5.80	-4.22	-6.88	9.31	-7.72	-27.0	12.69	2.66	-1.08	-11
	22	1.59	-0.12	-5.79	6.59	-5.12	-40.8	7.39	5.67	-4.20	-5
	45	12.53	0.95	-8.67	17.17	-3.69	-28.1	21.20	9.62	0.00	-5
	21	13.10	-0.04	-7.58	16.56	-3.50	-24.5	20.67	7.53	0.00	-4
22	47	-15.50	-13.64	-6.47	-8.04	-21.10	-49.1	0.00	0.00	-21.97	-20
	23	-9.18	0.15	-4.58	2.03	-11.05	-67.8	0.00	2.44	-13.76	-4
	46	6.84	-4.07	-7.45	10.61	-7.84	-26.9	14.28	3.38	-0.61	-11
	22	0.90	-0.23	-5.56	5.93	-5.25	-42.1	6.46	5.34	-4.66	-5
23	48	0.42	-11.42	-5.55	2.62	-13.61	-21.6	3.12	0.00	-5.12	-16
	24	-0.16	0.31	-4.95	5.04	-4.89	-46.4	4.79	5.27	-5.12	-4
	47	-15.11	-13.58	-5.16	-9.13	-19.56	-49.2	0.00	0.00	-20.27	-18
	23	-9.83	0.05	-4.57	1.84	-11.62	-68.6	0.00	2.17	-14.40	-4
24	50	-4.41	2.15	10.40	9.78	-12.04	53.8	5.99	12.55	-14.82	-8
	26	-17.48	-21.63	9.84	-9.49	-29.61	39.0	0.00	0.00	-27.32	-31
	49	-0.53	-4.83	7.28	4.91	-10.28	36.8	6.75	2.45	-7.82	-12
	25	0.62	-12.64	6.72	3.44	-15.45	22.7	4.20	0.00	-6.10	-19
25	51	3.01	-0.69	13.28	14.57	-12.25	41.0	16.29	12.59	-10.27	-13
	27	4.59	-5.27	9.33	10.21	-10.89	31.1	13.92	4.06	-4.74	-14
	50	-4.21	2.18	9.86	9.35	-11.38	54.0	5.65	12.05	-14.08	-7
	26	-17.91	-21.69	5.91	-13.60	-26.01	36.1	0.00	0.00	-23.83	-27
26	52	10.95	1.33	13.02	20.02	-7.74	34.9	23.97	14.35	-2.07	-11
	28	10.22	-1.16	11.24	17.12	-8.06	31.6	21.45	10.08	-1.02	-12
	51	3.41	-0.63	13.25	14.79	-12.02	40.7	16.66	12.62	-9.84	-13
	27	3.58	-5.42	11.47	11.40	-13.24	34.3	15.05	6.04	-7.89	-16
27	53	14.90	2.40	12.30	22.44	-5.14	31.5	27.20	14.70	0.00	-7
	29	14.94	0.67	11.60	21.43	-5.81	29.2	26.54	12.27	0.00	-8
	52	10.76	1.30	12.61	19.49	-7.44	34.7	23.36	13.91	-1.85	-11
	28	10.81	-1.07	11.91	18.18	-8.44	31.7	22.72	10.84	-1.10	-12
28	54	16.76	2.93	11.66	23.40	-3.71	29.7	28.41	14.59	0.00	-5
	30	17.10	1.37	11.38	23.07	-4.60	27.7	28.48	12.76	0.00	-6
	53	14.90	2.40	12.12	22.29	-4.98	31.4	27.03	14.53	0.00	-7
	29	15.15	0.70	11.85	21.80	-5.95	29.3	26.99	12.55	0.00	-8
29	55	16.68	3.18	11.07	22.90	-3.04	29.3	27.75	14.25	0.00	-4
	31	17.17	1.70	10.82	22.73	-3.87	27.2	27.99	12.53	0.00	-5
	54	16.78	2.94	11.65	23.41	-3.69	29.6	28.43	14.59	0.00	-5
	30	17.16	1.38	11.40	23.14	-4.59	27.7	28.56	12.78	0.00	-6

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U8

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
30	56	14.84	3.34	10.46	21.02	-2.84	30.6	25.29	13.80	0.00	-4
	32	15.48	1.90	10.07	20.84	-3.45	28.0	25.55	11.97	0.00	-4
	55	16.69	3.18	11.15	22.97	-3.10	29.4	27.83	14.32	0.00	-4
	31	17.19	1.71	10.76	22.70	-3.80	27.1	27.95	12.47	0.00	-5
31	57	11.43	3.50	9.67	17.92	-2.99	33.9	21.10	13.17	0.00	-4
	33	12.33	2.04	9.12	17.66	-3.29	30.3	21.45	11.15	0.00	-4
	56	14.83	3.34	10.54	21.09	-2.92	30.7	25.37	13.89	0.00	-4
	32	15.49	1.90	9.99	20.77	-3.39	27.9	25.48	11.89	0.00	-4
32	58	6.73	3.55	8.52	13.81	-3.53	39.7	15.25	12.08	-1.80	-4
	34	8.08	2.07	7.91	13.53	-3.39	34.6	15.99	9.97	0.00	-5
	57	11.40	3.50	9.71	17.93	-3.03	33.9	21.11	13.20	0.00	-4
	33	12.32	2.03	9.09	17.62	-3.27	30.2	21.41	11.12	0.00	-4
33	59	0.98	3.27	6.66	8.89	-4.64	49.9	7.64	9.93	-5.68	-3
	35	3.24	1.70	6.26	8.77	-3.83	41.5	9.50	7.96	-3.02	-4
	58	6.69	3.55	8.43	13.69	-3.45	39.7	15.12	11.98	-1.74	-4
	34	8.03	2.06	8.02	13.60	-3.52	34.8	16.05	10.08	0.00	-5
34	60	-6.71	2.57	3.37	3.66	-7.81	72.0	0.00	4.26	-10.09	-0
	36	-2.28	0.55	3.32	2.74	-4.47	56.6	1.03	3.87	-5.60	-2
	59	1.09	3.28	6.53	8.81	-4.43	49.8	7.62	9.81	-5.44	-3
	35	3.38	1.72	6.47	9.07	-3.98	41.4	9.85	8.19	-3.09	-4
35	61	-25.03	18.84	9.60	20.85	-27.04	78.2	0.00	22.52	-29.92	0
	37	-31.94	-9.34	8.74	-6.36	-34.92	71.1	0.00	0.00	-40.68	-18
	60	-7.00	11.01	12.41	17.34	-13.32	63.0	5.41	23.42	-19.41	-1
	36	-1.23	2.83	11.55	12.52	-10.92	50.0	10.31	14.37	-12.78	-8
36	62	-16.48	18.21	7.73	19.86	-18.13	78.0	0.00	21.84	-19.77	0
	38	-12.50	9.14	3.77	9.78	-13.14	80.4	0.00	10.28	-14.06	0
	61	-25.27	18.80	9.43	20.74	-27.21	78.4	0.00	22.32	-30.00	0
	37	-32.25	-9.38	5.47	-8.14	-33.49	77.2	0.00	0.00	-37.72	-14
37	63	-6.32	5.60	-0.20	5.60	-6.33	-89.1	0.00	5.61	-6.33	0
	39	-4.61	2.63	-0.40	2.65	-4.63	-86.8	0.00	2.66	-4.67	0
	62	-16.02	3.73	2.08	3.94	-16.24	84.0	0.00	4.00	-17.19	0
	38	-13.31	1.27	1.88	1.51	-13.54	82.8	0.00	1.53	-15.18	-0
38	64	1.96	6.33	-2.52	7.48	0.81	-65.5	4.48	8.85	0.00	0
	40	3.61	3.35	-2.07	5.56	1.40	-43.2	5.68	5.42	0.00	0
	63	-6.35	5.60	-0.55	5.62	-6.38	-87.4	0.00	5.64	-6.41	0
	39	-4.36	2.66	-0.10	2.66	-4.36	-89.2	0.00	2.67	-4.36	0
39	65	8.80	6.60	-4.35	12.19	3.21	-37.9	13.15	10.95	0.00	0
	41	10.16	3.51	-3.67	11.79	1.89	-23.9	13.83	7.18	0.00	0
	64	2.00	6.33	-2.63	7.58	0.76	-64.7	4.63	8.96	0.00	0
	40	3.69	3.36	-1.95	5.48	1.57	-42.6	5.64	5.31	0.00	0
40	66	13.64	6.64	-5.80	16.91	3.36	-29.5	19.44	12.44	0.00	0
	42	14.73	3.43	-5.17	16.74	1.42	-21.2	19.90	8.60	0.00	0
	65	8.83	6.60	-4.32	12.18	3.25	-37.8	13.15	10.93	0.00	0
	41	10.18	3.52	-3.69	11.83	1.87	-24.0	13.88	7.21	0.00	0
41	67	16.10	6.54	-7.00	19.79	2.84	-27.8	23.09	13.54	0.00	0
	43	16.98	3.16	-6.53	19.57	0.56	-21.7	23.50	9.69	0.00	0
	66	13.64	6.64	-5.72	16.85	3.44	-29.3	19.36	12.36	0.00	0
	42	14.72	3.43	-5.25	16.78	1.37	-21.5	19.97	8.68	0.00	0
42	68	15.89	6.16	-8.06	20.44	1.61	-29.5	23.95	14.22	0.00	0
	44	16.56	2.53	-7.67	19.94	-0.85	-23.8	24.23	10.20	0.00	-1
	67	16.09	6.53	-6.96	19.75	2.87	-27.8	23.04	13.49	0.00	0
	43	16.91	3.15	-6.56	19.54	0.52	-21.8	23.47	9.71	0.00	0
43	69	12.63	5.29	-9.09	18.77	-0.85	-34.0	21.73	14.38	0.00	-1
	45	13.09	0.86	-8.42	17.39	-3.43	-27.0	21.52	9.29	0.00	-4
	68	15.89	6.16	-8.16	20.52	1.52	-29.6	24.05	14.32	0.00	0
	44	16.36	2.50	-7.49	19.64	-0.77	-23.6	23.85	10.00	0.00	-0
44	70	5.38	3.70	-10.26	14.84	-5.75	-42.7	15.64	13.96	-4.88	-6
	46	5.94	-3.32	-8.69	11.16	-8.54	-31.0	14.63	5.38	-2.76	-12
	69	12.83	5.32	-9.41	19.21	-1.06	-34.1	22.24	14.73	0.00	-1
	45	12.51	0.77	-7.84	16.43	-3.15	-26.6	20.35	8.61	0.00	-4

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U8

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
45	71	-2.91	7.03	-7.35	10.93	-6.81	-62.0	4.44	14.38	-10.26	-0
	47	-16.35	-19.26	-3.86	-13.68	-21.93	-34.7	0.00	0.00	-20.21	-23
	70	4.99	3.64	-10.17	14.51	-5.87	-43.1	15.15	13.81	-5.18	-6
	46	6.97	-3.16	-6.68	10.29	-6.48	-26.4	13.65	3.51	0.00	-9
46	72	-0.52	0.60	-5.10	5.17	-5.10	-48.1	4.58	5.71	-5.63	-4
	48	0.70	-9.55	-5.26	2.93	-11.77	-22.9	3.61	0.00	-4.56	-14
	71	-3.12	7.00	-7.78	11.22	-7.34	-61.5	4.66	14.78	-10.90	-0
	47	-15.96	-19.20	-7.94	-9.48	-25.68	-39.2	0.00	0.00	-23.90	-27
47	74	0.84	6.78	10.89	15.10	-7.47	52.6	11.73	17.67	-10.05	-4
	50	-4.64	0.65	9.11	7.49	-11.48	53.1	4.47	9.76	-13.75	-8
	73	-0.01	7.67	9.50	14.07	-6.41	56.0	9.48	17.17	-9.51	-1
	49	-0.38	-3.81	7.72	5.81	-10.00	38.7	7.34	3.91	-8.10	-11
48	75	5.03	6.55	12.22	18.03	-6.45	46.8	17.25	18.76	-7.18	-5
	51	3.12	0.04	13.37	15.03	-11.88	41.7	16.49	13.40	-10.25	-13
	74	0.79	6.78	9.93	14.16	-6.59	53.4	10.73	16.71	-9.14	-3
	50	-4.44	0.68	11.08	9.50	-13.25	51.5	6.65	11.77	-15.52	-10
49	76	10.69	5.34	12.12	20.43	-4.40	38.8	22.81	17.46	-1.43	-6
	52	10.97	1.46	12.91	19.97	-7.53	34.9	23.88	14.37	-1.93	-11
	75	5.25	6.58	12.17	18.10	-6.27	46.6	17.41	18.75	-6.92	-5
	51	3.52	0.09	12.95	14.87	-11.26	41.2	16.47	13.04	-9.43	-12
50	77	14.65	4.80	11.86	22.57	-3.12	33.7	26.51	16.67	0.00	-4
	53	14.91	2.48	12.17	22.36	-4.97	31.5	27.08	14.65	0.00	-7
	76	10.71	5.34	12.41	20.73	-4.67	38.9	23.13	17.76	-1.70	-7
	52	10.78	1.44	12.72	19.66	-7.45	34.9	23.50	14.16	-1.94	-11
51	78	16.50	4.52	11.50	23.48	-2.46	31.3	28.00	16.03	0.00	-3
	54	16.76	2.96	11.66	23.41	-3.69	29.7	28.42	14.61	0.00	-5
	77	14.62	4.80	12.00	22.67	-3.25	33.9	26.62	16.80	0.00	-5
	53	14.92	2.48	12.15	22.35	-4.95	31.5	27.07	14.63	0.00	-7
52	79	16.38	4.35	11.19	23.07	-2.34	30.9	27.57	15.54	0.00	-3
	55	16.68	3.19	11.15	22.97	-3.10	29.4	27.84	14.34	0.00	-4
	78	16.49	4.52	11.63	23.59	-2.57	31.4	28.12	16.15	0.00	-3
	54	16.78	2.96	11.59	23.36	-3.62	29.6	28.37	14.55	0.00	-5
53	80	14.37	4.29	10.86	21.30	-2.65	32.6	25.23	15.15	0.00	-3
	56	14.84	3.36	10.57	21.12	-2.93	30.7	25.40	13.92	0.00	-4
	79	16.38	4.35	11.34	23.20	-2.47	31.0	27.72	15.68	0.00	-3
	55	16.69	3.19	11.04	22.88	-3.00	29.3	27.73	14.23	0.00	-4
54	81	10.58	4.36	10.33	18.26	-3.32	36.6	20.91	14.69	0.00	-5
	57	11.43	3.52	9.76	18.00	-3.06	34.0	21.19	13.28	0.00	-4
	80	14.37	4.29	11.01	21.44	-2.78	32.7	25.38	15.30	0.00	-4
	56	14.83	3.36	10.44	21.01	-2.82	30.6	25.27	13.80	0.00	-3
55	82	5.17	4.56	9.30	14.17	-4.44	44.1	14.47	13.86	-4.13	-4
	58	6.73	3.60	8.51	13.82	-3.49	39.8	15.25	12.11	-1.78	-4
	81	10.58	4.36	10.45	18.38	-3.44	36.7	21.03	14.81	0.00	-5
	57	11.40	3.51	9.67	17.90	-2.99	33.9	21.07	13.18	0.00	-4
56	83	-1.65	4.99	7.41	9.79	-6.45	57.1	5.76	12.40	-9.06	-2
	59	0.99	3.31	6.54	8.78	-4.49	50.0	7.52	9.84	-5.55	-3
	82	5.17	4.57	9.39	14.27	-4.53	44.1	14.57	13.96	-4.22	-4
	58	6.70	3.59	8.52	13.80	-3.51	39.8	15.21	12.11	-1.82	-4
57	84	-9.37	5.64	4.87	7.08	-10.81	73.5	0.00	8.17	-13.58	0
	60	-6.67	2.88	3.77	4.18	-7.98	70.8	0.00	5.01	-10.44	-0
	83	-1.68	4.98	7.54	9.89	-6.59	56.9	5.86	12.52	-9.22	-2
	59	1.09	3.32	6.44	8.74	-4.33	49.9	7.53	9.76	-5.35	-3
58	85	-24.33	27.48	13.23	30.66	-27.51	76.5	0.00	34.68	-30.70	0
	61	-25.23	17.50	8.72	19.21	-26.94	78.9	0.00	20.52	-29.58	0
	84	-9.76	22.31	16.52	29.30	-16.75	67.1	6.77	38.84	-21.99	0
	60	-6.84	12.05	12.02	17.89	-12.68	64.1	5.17	24.07	-18.82	0
59	86	-19.30	30.67	8.15	31.97	-20.60	81.0	0.00	34.11	-21.47	0
	62	-16.32	19.30	7.31	20.74	-17.76	78.8	0.00	22.57	-19.09	0
	85	-24.47	27.46	11.54	29.90	-26.92	78.0	0.00	32.89	-29.32	0
	61	-25.48	17.46	10.70	19.98	-27.99	76.8	0.00	21.95	-32.03	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U8

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
60	87	-9.16	8.09	-0.70	8.12	-9.19	-87.7	0.00	8.15	-9.22	0
	63	-6.33	5.58	-0.53	5.61	-6.35	-87.4	0.00	5.63	-6.38	0
	86	-18.84	7.12	2.14	7.29	-19.01	85.3	0.00	7.36	-19.48	0
	62	-15.97	4.05	2.31	4.31	-16.24	83.5	0.00	4.38	-17.29	0
61	88	0.00	8.66	-3.23	9.74	-1.07	-71.6	3.23	11.90	-1.20	0
	64	1.96	6.35	-2.68	7.62	0.69	-64.7	4.64	9.03	0.00	0
	87	-9.08	8.10	-0.88	8.15	-9.13	-87.1	0.00	8.19	-9.18	0
	63	-6.36	5.58	-0.32	5.59	-6.36	-88.4	0.00	5.60	-6.37	0
62	89	7.49	9.05	-4.99	13.32	3.22	-49.4	12.48	14.04	0.00	0
	65	8.80	6.61	-4.34	12.18	3.24	-37.9	13.14	10.95	0.00	0
	88	0.04	8.67	-3.26	9.76	-1.05	-71.5	3.30	11.93	-1.18	0
	64	2.01	6.36	-2.60	7.57	0.79	-65.0	4.61	8.96	0.00	0
63	90	12.75	9.39	-6.19	17.48	4.65	-37.4	18.94	15.58	0.00	0
	66	13.64	6.66	-5.70	16.83	3.46	-29.3	19.34	12.36	0.00	0
	89	7.51	9.05	-4.89	13.24	3.33	-49.5	12.41	13.94	0.00	0
	65	8.83	6.62	-4.40	12.26	3.18	-37.9	13.23	11.02	0.00	0
64	91	15.44	9.80	-7.09	20.25	4.99	-34.2	22.53	16.89	0.00	0
	67	16.10	6.56	-6.89	19.71	2.95	-27.7	22.99	13.45	0.00	0
	90	12.76	9.39	-6.03	17.33	4.82	-37.2	18.79	15.42	0.00	0
	66	13.65	6.66	-5.83	16.95	3.36	-29.5	19.47	12.49	0.00	0
65	92	15.35	10.36	-7.90	21.14	4.57	-36.2	23.25	18.26	0.00	0
	68	15.90	6.24	-8.02	20.43	1.71	-29.5	23.92	14.26	0.00	0
	91	15.45	9.80	-6.90	20.08	5.17	-33.9	22.35	16.71	0.00	0
	67	16.09	6.56	-7.02	19.81	2.84	-27.9	23.11	13.58	0.00	0
66	93	12.40	11.28	-8.67	20.52	3.15	-43.1	21.07	19.94	0.00	0
	69	12.66	5.42	-9.11	18.84	-0.76	-34.2	21.77	14.54	0.00	-1
	92	15.38	10.36	-7.68	20.95	4.80	-36.0	23.05	18.04	0.00	0
	68	15.90	6.24	-8.12	20.52	1.62	-29.6	24.02	14.36	0.00	0
67	94	7.08	12.99	-8.72	19.25	0.82	-54.3	15.81	21.71	0.00	0
	70	5.49	4.43	-9.85	14.82	-4.90	-43.5	15.34	14.28	-4.36	-5
	93	12.38	11.27	-8.27	20.12	3.54	-43.1	20.65	19.55	0.00	0
	69	12.86	5.45	-9.40	19.25	-0.95	-34.3	22.25	14.85	0.00	-1
68	95	2.03	13.75	-6.76	16.84	-1.06	-65.5	8.78	20.51	-1.29	0
	71	-3.14	5.51	-8.45	10.68	-8.31	-58.6	5.31	13.97	-11.60	-2
	94	6.86	12.95	-8.68	19.10	0.71	-54.7	15.54	21.63	0.00	0
	70	5.09	4.37	-10.37	15.11	-5.65	-44.0	15.47	14.74	-5.28	-6
69	96	0.00	15.27	-6.55	17.69	-2.43	-69.7	6.55	21.82	-2.81	0
	72	-0.37	1.64	-5.48	6.20	-4.93	-50.2	5.11	7.12	-5.85	-3
	95	2.06	13.76	-7.64	17.53	-1.71	-63.7	9.70	21.40	-2.18	0
	71	-3.35	5.48	-6.56	8.98	-6.85	-62.0	3.21	12.04	-9.91	-1
70	98	2.86	10.80	9.54	17.16	-3.51	56.3	12.40	20.34	-5.57	0
	74	0.93	7.40	10.08	14.75	-6.42	53.9	11.01	17.48	-9.15	-2
	97	0.04	12.27	9.20	17.20	-4.89	61.8	9.25	21.47	-6.86	0
	73	-0.18	6.58	9.74	13.51	-7.11	54.6	9.56	16.33	-9.92	-3
71	99	6.66	9.62	10.36	18.61	-2.33	49.1	17.03	19.98	-3.70	-0
	75	5.00	6.31	11.86	17.54	-6.23	46.6	16.86	18.17	-6.87	-5
	98	2.81	10.79	9.24	16.87	-3.26	56.7	12.05	20.03	-5.10	0
	74	0.88	7.39	10.74	15.36	-7.09	53.4	11.63	18.13	-9.86	-3
72	100	11.09	8.03	10.65	20.32	-1.20	40.9	21.74	18.68	0.00	-2
	76	10.70	5.37	12.41	20.73	-4.66	38.9	23.11	17.78	-1.71	-7
	99	6.74	9.63	10.21	18.49	-2.13	49.0	16.94	19.83	-3.47	-0
	75	5.21	6.34	11.96	17.75	-6.20	46.4	17.18	18.31	-6.75	-5
73	101	14.68	6.65	10.75	22.14	-0.81	34.8	25.43	17.41	0.00	-1
	77	14.65	4.86	12.07	22.78	-3.27	34.0	26.72	16.93	0.00	-5
	100	11.15	8.04	10.85	20.55	-1.36	40.9	22.00	18.89	0.00	-2
	76	10.72	5.37	12.16	20.50	-4.41	38.8	22.88	17.54	-1.44	-6
74	102	16.53	5.66	10.86	23.24	-1.05	31.7	27.39	16.52	0.00	-1
	78	16.50	4.56	11.67	23.64	-2.58	31.4	28.17	16.22	0.00	-3
	101	14.68	6.65	11.02	22.40	-1.06	35.0	25.70	17.67	0.00	-1
	77	14.63	4.85	11.82	22.53	-3.05	33.8	26.45	16.67	0.00	-4

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U8

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
75	103	16.39	4.99	11.01	23.09	-1.70	31.3	27.40	16.00	0.00	-2
	79	16.38	4.37	11.36	23.23	-2.48	31.1	27.74	15.73	0.00	-3
	102	16.52	5.66	11.10	23.45	-1.27	32.0	27.63	16.76	0.00	-1
	78	16.50	4.55	11.46	23.45	-2.40	31.2	27.96	16.01	0.00	-3
76	104	14.22	4.58	11.11	21.51	-2.71	33.3	25.33	15.68	0.00	-4
	80	14.37	4.31	11.04	21.47	-2.79	32.7	25.41	15.35	0.00	-4
	103	16.39	4.99	11.23	23.28	-1.90	31.5	27.62	16.22	0.00	-2
	79	16.38	4.37	11.16	23.05	-2.30	30.9	27.55	15.53	0.00	-3
77	105	10.01	4.43	10.99	18.56	-4.12	37.9	21.00	15.42	-0.98	-6
	81	10.59	4.39	10.50	18.44	-3.46	36.8	21.09	14.89	0.00	-6
	104	14.22	4.58	11.33	21.72	-2.91	33.5	25.55	15.91	0.00	-4
	80	14.37	4.31	10.84	21.29	-2.61	32.5	25.21	15.14	0.00	-3
78	106	3.81	4.62	10.40	14.62	-6.19	46.1	14.21	15.02	-6.58	-5
	82	5.18	4.63	9.45	14.36	-4.55	44.2	14.63	14.08	-4.27	-4
	105	10.02	4.43	11.24	18.80	-4.35	38.0	21.26	15.67	-1.22	-6
	81	10.58	4.39	10.29	18.24	-3.26	36.6	20.88	14.68	0.00	-5
79	107	-4.09	5.28	8.98	10.73	-9.53	58.8	4.89	14.26	-13.06	-3
	83	-1.65	4.99	7.57	9.94	-6.59	56.8	5.92	12.56	-9.21	-2
	106	3.81	4.62	10.66	14.88	-6.45	46.1	14.46	15.28	-6.85	-6
	82	5.18	4.63	9.25	14.16	-4.35	44.1	14.43	13.88	-4.06	-4
80	108	-12.56	6.13	6.58	8.22	-14.65	72.4	0.00	9.58	-19.14	-0
	84	-9.38	5.59	4.90	7.05	-10.84	73.4	0.00	8.14	-13.67	0
	107	-4.18	5.27	9.11	10.81	-9.72	58.7	4.92	14.38	-13.29	-3
	83	-1.68	4.99	7.42	9.79	-6.48	57.1	5.75	12.41	-9.10	-2
81	109	-28.25	31.03	16.34	35.23	-32.46	75.6	0.00	40.48	-36.85	0
	85	-24.30	27.65	11.73	30.17	-26.83	77.8	0.00	33.31	-29.28	0
	108	-12.96	25.11	21.61	34.87	-22.72	65.7	8.65	46.72	-31.56	0
	84	-9.78	22.15	17.00	29.50	-17.14	66.6	7.22	39.15	-22.84	0
82	110	-23.64	34.92	8.69	36.18	-24.90	81.7	0.00	38.11	-25.80	0
	86	-19.34	30.42	7.17	31.44	-20.36	82.0	0.00	33.08	-21.03	0
	109	-28.37	31.01	14.83	34.50	-31.87	76.7	0.00	38.75	-35.46	0
	85	-24.45	27.62	13.31	30.83	-27.65	76.5	0.00	34.87	-30.86	0
83	111	-12.51	9.09	-1.32	9.17	-12.59	-86.5	0.00	9.23	-12.70	0
	87	-9.15	8.10	-0.95	8.16	-9.21	-86.8	0.00	8.20	-9.27	0
	110	-23.19	7.92	2.15	8.07	-23.34	86.1	0.00	8.12	-23.77	0
	86	-18.85	7.05	2.51	7.29	-19.09	84.5	0.00	7.38	-19.74	0
84	112	-2.10	9.79	-3.99	11.00	-3.31	-73.1	1.89	13.77	-3.72	0
	88	0.01	8.70	-3.27	9.79	-1.09	-71.5	3.28	11.97	-1.22	0
	111	-12.39	9.10	-1.50	9.21	-12.49	-86.0	0.00	9.29	-12.64	0
	87	-9.08	8.12	-0.78	8.15	-9.12	-87.4	0.00	8.18	-9.16	0
85	113	6.34	10.44	-5.48	14.25	2.54	-55.3	11.82	15.93	0.00	0
	89	7.49	9.07	-4.89	13.24	3.33	-49.6	12.38	13.96	0.00	0
	112	-2.06	9.79	-3.91	10.97	-3.23	-73.3	1.85	13.70	-3.61	0
	88	0.05	8.70	-3.32	9.83	-1.08	-71.3	3.36	12.02	-1.22	0
86	114	12.19	11.23	-6.24	17.97	5.45	-42.8	18.44	17.47	0.00	0
	90	12.75	9.41	-6.01	17.32	4.85	-37.2	18.76	15.42	0.00	0
	113	6.36	10.45	-5.29	14.08	2.73	-55.6	11.65	15.74	0.00	0
	89	7.52	9.07	-5.05	13.41	3.18	-49.4	12.57	14.13	0.00	0
87	115	15.20	12.26	-6.60	20.49	6.97	-38.7	21.80	18.86	0.00	0
	91	15.44	9.84	-6.86	20.05	5.23	-33.9	22.31	16.70	0.00	0
	114	12.21	11.23	-5.98	17.72	5.72	-42.7	18.19	17.21	0.00	0
	90	12.76	9.42	-6.24	17.55	4.63	-37.5	19.01	15.66	0.00	0
88	116	15.32	13.68	-6.77	21.32	7.68	-41.5	22.09	20.45	0.00	0
	92	15.36	10.42	-7.64	20.91	4.86	-36.0	23.00	18.05	0.00	0
	115	15.21	12.26	-6.28	20.19	7.29	-38.4	21.49	18.54	0.00	0
	91	15.45	9.84	-7.15	20.33	4.97	-34.3	22.60	16.99	0.00	0
89	117	12.83	15.58	-6.75	21.09	7.32	-50.8	19.58	22.33	0.00	0
	93	12.40	11.30	-8.32	20.19	3.52	-43.1	20.72	19.62	0.00	0
	116	15.31	13.68	-6.41	20.96	8.03	-41.4	21.73	20.09	0.00	0
	92	15.39	10.42	-7.98	21.26	4.55	-36.4	23.36	18.40	0.00	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U8

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
90	118	8.60	17.76	-6.23	20.91	5.45	-63.2	14.82	23.98	0.00	0
	94	7.05	12.74	-8.42	18.79	1.00	-54.3	15.47	21.17	0.00	0
	117	12.76	15.57	-6.46	20.78	7.56	-51.1	19.22	22.03	0.00	0
	93	12.39	11.30	-8.66	20.52	3.17	-43.2	21.04	19.96	0.00	0
91	119	4.08	19.57	-5.38	21.25	2.40	-72.6	9.46	24.95	0.00	0
	95	2.12	14.36	-7.49	17.91	-1.43	-64.6	9.61	21.85	-1.78	0
	118	8.52	17.75	-6.30	20.95	5.32	-63.1	14.83	24.05	0.00	0
	94	6.83	12.71	-8.41	18.68	0.86	-54.6	15.24	21.12	0.00	0
92	120	0.06	21.71	-5.50	23.03	-1.26	-76.5	5.56	27.22	-1.34	0
	96	-0.16	14.17	-6.76	16.86	-2.85	-68.3	6.60	20.94	-3.39	0
	119	4.13	19.57	-5.62	21.40	2.30	-72.0	9.75	25.20	0.00	0
	95	2.16	14.37	-6.89	17.47	-0.94	-65.8	9.04	21.26	-1.14	0
93	122	3.61	12.26	7.87	16.92	-1.05	59.4	11.48	20.13	-1.45	0
	98	2.89	11.00	9.34	17.13	-3.24	56.7	12.23	20.35	-5.05	0
	121	0.02	13.81	7.75	17.29	-3.45	65.8	7.77	21.56	-4.32	0
	97	-0.02	11.85	9.22	16.88	-5.05	61.4	9.20	21.07	-7.19	0
94	123	7.56	10.68	8.31	17.57	0.66	50.3	15.87	18.98	0.00	0
	99	6.66	9.59	10.11	18.34	-2.09	49.1	16.77	19.70	-3.45	-0
	122	3.57	12.25	7.75	16.79	-0.98	59.6	11.32	20.00	-1.34	0
	98	2.84	11.00	9.55	17.31	-3.47	56.6	12.39	20.55	-5.46	0
95	124	11.74	8.91	8.74	19.18	1.48	40.4	20.48	17.65	0.00	0
	100	11.08	8.00	10.76	20.41	-1.32	40.9	21.84	18.76	0.00	-2
	123	7.60	10.68	8.20	17.49	0.79	50.3	15.80	18.89	0.00	0
	99	6.73	9.60	10.22	18.49	-2.16	49.0	16.95	19.83	-3.49	-0
96	125	15.18	7.27	9.26	21.29	1.16	33.4	24.44	16.53	0.00	0
	101	14.68	6.66	11.01	22.39	-1.05	35.0	25.69	17.67	0.00	-1
	124	11.79	8.92	8.86	19.33	1.38	40.4	20.65	17.78	0.00	0
	100	11.15	8.01	10.61	20.31	-1.15	40.8	21.76	18.63	0.00	-2
97	126	17.01	5.95	9.88	22.80	0.16	30.4	26.89	15.83	0.00	0
	102	16.53	5.67	11.12	23.48	-1.28	32.0	27.65	16.80	0.00	-1
	125	15.20	7.28	9.51	21.54	0.94	33.7	24.70	16.78	0.00	0
	101	14.69	6.66	10.75	22.15	-0.80	34.8	25.44	17.41	0.00	-1
98	127	16.83	4.93	10.53	22.97	-1.21	30.3	27.35	15.46	0.00	-1
	103	16.39	5.00	11.24	23.30	-1.91	31.6	27.64	16.24	0.00	-2
	126	17.00	5.95	10.14	23.03	-0.07	30.7	27.15	16.09	0.00	-0
	102	16.52	5.67	10.86	23.24	-1.04	31.7	27.38	16.53	0.00	-1
99	128	14.49	4.14	11.11	21.57	-2.94	32.5	25.60	15.25	0.00	-4
	104	14.22	4.59	11.34	21.72	-2.91	33.5	25.56	15.92	0.00	-4
	127	16.82	4.93	10.77	23.18	-1.43	30.5	27.59	15.70	0.00	-1
	103	16.39	5.00	11.00	23.08	-1.69	31.3	27.39	16.00	0.00	-2
100	129	9.90	3.56	11.50	18.66	-5.20	37.3	21.40	15.06	-1.61	-7
	105	10.01	4.44	11.24	18.81	-4.36	38.0	21.26	15.69	-1.23	-6
	128	14.50	4.14	11.35	21.79	-3.16	32.7	25.85	15.49	0.00	-4
	104	14.23	4.59	11.09	21.50	-2.69	33.3	25.32	15.68	0.00	-4

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U9

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
1	26	-5.86	-4.58	3.04	-2.11	-8.33	50.9	0.00	0.00	-8.91	-7
	2	-4.09	-0.31	2.06	0.60	-5.00	66.3	0.00	0.73	-6.16	-2
	25	0.07	-6.16	3.08	1.34	-7.43	22.4	1.61	0.00	-3.01	-9
	1	0.04	0.53	2.10	2.40	-1.84	48.3	2.14	2.63	-2.07	-1
2	27	1.50	-2.76	3.14	3.16	-4.43	27.9	4.64	0.37	-1.64	-5
	3	-0.99	0.07	2.87	2.45	-3.38	50.2	1.87	2.94	-3.86	-2
	26	-6.02	-4.60	2.55	-2.66	-7.96	52.8	0.00	0.00	-8.58	-7
	2	-3.80	-0.26	2.28	0.85	-4.92	63.9	0.00	1.11	-6.08	-2
3	28	3.58	-0.54	4.43	6.41	-3.37	32.6	8.01	3.90	-0.86	-4
	4	3.46	-0.06	3.95	6.02	-2.63	33.0	7.41	3.88	-0.49	-4
	27	1.11	-2.82	3.38	3.06	-4.77	29.9	4.50	0.56	-2.27	-6
	3	-0.67	0.12	2.90	2.65	-3.20	48.9	2.23	3.02	-3.57	-2
4	29	5.26	0.08	4.36	7.74	-2.40	29.7	9.62	4.44	0.00	-3
	5	5.34	0.03	4.28	7.72	-2.36	29.1	9.62	4.31	0.00	-3
	28	3.79	-0.50	4.07	6.25	-2.96	31.1	7.86	3.57	-0.28	-4
	4	3.10	-0.12	4.00	5.80	-2.82	34.0	7.09	3.88	-0.90	-4
5	30	6.03	0.39	4.28	8.33	-1.91	28.3	10.31	4.67	0.00	-2
	6	6.19	0.01	4.26	8.36	-2.16	27.0	10.45	4.27	0.00	-2
	29	5.33	0.09	4.32	7.76	-2.34	29.4	9.65	4.41	0.00	-3
	5	5.19	0.01	4.30	7.62	-2.42	29.4	9.49	4.30	0.00	-3
6	31	6.05	0.53	4.10	8.23	-1.65	28.0	10.15	4.63	0.00	-2
	7	6.26	0.01	4.04	8.25	-1.97	26.2	10.31	4.06	0.00	-2
	30	6.06	0.39	4.28	8.36	-1.91	28.3	10.34	4.68	0.00	-2
	6	6.13	0.00	4.23	8.28	-2.15	27.0	10.35	4.23	0.00	-2
7	32	5.43	0.62	3.86	7.57	-1.53	29.1	9.29	4.48	0.00	-2
	8	5.69	0.01	3.75	7.56	-1.85	26.4	9.44	3.76	0.00	-2
	31	6.06	0.53	4.13	8.26	-1.67	28.1	10.18	4.66	0.00	-2
	7	6.23	0.01	4.01	8.19	-1.96	26.1	10.24	4.02	0.00	-2
8	33	4.28	0.69	3.56	6.47	-1.50	31.6	7.84	4.25	0.00	-2
	9	4.60	0.01	3.39	6.40	-1.79	27.9	7.99	3.39	0.00	-2
	32	5.43	0.62	3.89	7.60	-1.55	29.1	9.32	4.51	0.00	-2
	8	5.67	0.01	3.72	7.51	-1.83	26.4	9.39	3.73	0.00	-2
9	34	2.74	0.71	3.17	5.06	-1.61	36.1	5.92	3.88	-0.43	-2
	10	3.14	0.01	2.97	4.93	-1.79	31.1	6.11	2.98	0.00	-2
	33	4.27	0.69	3.57	6.48	-1.51	31.7	7.84	4.26	0.00	-2
	9	4.58	0.00	3.37	6.37	-1.78	27.9	7.95	3.37	0.00	-2
10	35	1.03	0.62	2.65	3.49	-1.83	42.8	3.69	3.27	-1.62	-2
	11	1.56	-0.08	2.51	3.39	-1.90	36.0	4.08	2.44	-0.95	-2
	34	2.72	0.70	3.14	5.01	-1.59	36.1	5.87	3.85	-0.42	-2
	10	3.11	0.00	3.00	4.94	-1.83	31.3	6.11	3.00	0.00	-2
11	36	-0.97	-0.16	1.30	0.79	-1.93	53.6	0.33	1.14	-2.27	-1
	12	1.54	0.26	1.37	2.41	-0.61	32.4	2.91	1.62	0.00	-0
	35	1.10	0.63	2.49	3.37	-1.63	42.3	3.59	3.12	-1.39	-1
	11	1.28	-0.12	2.55	3.23	-2.07	37.3	3.83	2.44	-1.28	-2
12	37	-11.51	-0.65	2.79	0.03	-12.19	76.4	0.00	0.03	-14.30	-3
	13	-9.13	-0.16	2.13	0.33	-9.61	77.3	0.00	0.34	-11.26	-2
	36	-0.66	-0.16	5.03	4.62	-5.45	46.4	4.37	4.86	-5.69	-5
	12	0.51	0.16	4.37	4.71	-4.04	43.9	4.88	4.53	-3.86	-4
13	38	-5.21	2.49	1.40	2.73	-5.45	80.0	0.00	2.86	-5.99	0
	14	-6.11	0.22	0.78	0.31	-6.20	83.0	0.00	0.32	-6.89	-0
	37	-11.63	-0.67	2.88	0.04	-12.34	76.2	0.00	0.04	-14.51	-3
	13	-8.72	-0.09	2.26	0.46	-9.28	76.1	0.00	0.49	-10.98	-2
14	39	-2.19	0.96	-0.01	0.96	-2.19	-89.9	0.00	0.96	-2.19	0
	15	-1.60	0.03	-0.12	0.04	-1.60	-85.9	0.00	0.04	-1.71	-0
	38	-5.43	0.15	0.37	0.18	-5.46	86.2	0.00	0.18	-5.80	-0
	14	-5.38	-0.47	0.26	-0.46	-5.40	86.9	0.00	0.00	-5.65	-0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U9

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
15	40	0.85	1.22	-0.78	1.84	0.23	-51.8	1.63	2.01	0.00	0
	16	1.42	0.00	-0.49	1.57	-0.15	-17.4	1.91	0.49	0.00	-0
	39	-2.11	0.97	-0.22	0.99	-2.12	-86.0	0.00	0.99	-2.15	0
	15	-1.70	0.01	0.08	0.02	-1.70	87.5	0.00	0.02	-1.77	-0
16	41	3.31	1.27	-1.41	4.03	0.55	-27.1	4.72	2.68	0.00	0
	17	3.82	0.01	-1.12	4.12	-0.29	-15.2	4.94	1.13	0.00	-0
	40	0.88	1.23	-0.80	1.88	0.23	-51.2	1.68	2.03	0.00	0
	16	1.39	-0.00	-0.51	1.56	-0.17	-18.1	1.90	0.51	0.00	-0
17	42	5.05	1.22	-1.96	5.88	0.39	-22.8	7.02	3.18	0.00	0
	18	5.48	0.01	-1.72	5.98	-0.48	-16.1	7.20	1.73	0.00	-0
	41	3.32	1.27	-1.39	4.02	0.56	-26.8	4.71	2.66	0.00	0
	17	3.83	0.01	-1.15	4.15	-0.31	-15.5	4.98	1.16	0.00	-0
18	43	5.94	1.10	-2.41	6.94	0.10	-22.4	8.35	3.51	0.00	0
	19	6.25	0.01	-2.25	6.98	-0.72	-17.9	8.50	2.26	0.00	-0
	42	5.05	1.22	-1.93	5.85	0.41	-22.6	6.97	3.14	0.00	0
	18	5.51	0.02	-1.76	6.03	-0.50	-16.4	7.28	1.78	0.00	-0
19	44	5.85	0.81	-2.73	7.04	-0.38	-23.7	8.57	3.54	0.00	-0
	20	5.94	0.01	-2.63	6.94	-0.99	-20.8	8.57	2.65	0.00	-1
	43	5.92	1.09	-2.39	6.90	0.11	-22.4	8.31	3.48	0.00	0
	19	6.32	0.02	-2.30	7.07	-0.73	-18.1	8.61	2.32	0.00	-0
20	45	4.65	0.25	-2.76	5.98	-1.08	-25.7	7.41	3.01	0.00	-1
	21	4.19	-0.11	-2.65	5.46	-1.38	-25.5	6.85	2.54	0.00	-1
	44	5.77	0.80	-2.75	6.99	-0.42	-23.9	8.52	3.55	0.00	-0
	20	6.09	0.04	-2.64	7.08	-0.96	-20.6	8.73	2.68	0.00	-1
21	46	2.01	-2.00	-2.36	3.10	-3.09	-24.8	4.36	0.36	-0.35	-4
	22	0.48	0.13	-1.90	2.21	-1.60	-42.3	2.38	2.02	-1.42	-1
	45	4.44	0.22	-3.09	6.07	-1.41	-27.9	7.53	3.31	0.00	-1
	21	4.55	-0.06	-2.63	5.74	-1.25	-24.4	7.18	2.57	0.00	-1
22	47	-5.43	-3.66	-1.83	-2.52	-6.58	-57.9	0.00	0.00	-7.26	-5
	23	-2.93	-0.23	-1.65	0.55	-3.71	-64.6	0.00	0.70	-4.58	-1
	46	2.40	-1.94	-2.07	3.23	-2.77	-21.9	4.48	0.14	0.00	-3
	22	0.15	0.08	-1.90	2.01	-1.79	-44.5	2.05	1.98	-1.75	-1
23	48	0.11	-4.92	-2.53	1.16	-5.97	-22.6	1.41	0.00	-2.42	-7
	24	-0.08	0.43	-1.73	1.93	-1.57	-49.2	1.65	2.16	-1.80	-1
	47	-5.29	-3.64	-2.26	-2.06	-6.87	-55.0	0.00	0.00	-7.55	-5
	23	-3.17	-0.27	-1.46	0.34	-3.78	-67.5	0.00	0.40	-4.63	-1
24	50	-1.87	0.44	3.72	3.18	-4.61	53.6	1.85	4.16	-5.60	-3
	26	-6.67	-9.98	4.05	-3.95	-12.70	33.9	0.00	0.00	-10.72	-14
	49	-0.22	-2.92	2.65	1.40	-4.55	31.5	2.19	0.00	-2.88	-5
	25	0.31	-4.57	2.98	1.72	-5.98	25.3	2.25	0.00	-2.67	-7
25	51	1.03	-1.00	4.93	5.05	-5.01	39.2	5.96	3.93	-3.89	-5
	27	1.62	-1.99	2.81	3.15	-3.53	28.6	4.43	0.82	-1.19	-4
	50	-1.80	0.45	3.74	3.23	-4.58	53.4	1.94	4.19	-5.54	-3
	26	-6.83	-10.00	1.62	-6.15	-10.69	22.8	0.00	0.00	-8.46	-11
26	52	3.90	0.14	4.84	7.21	-3.17	34.4	8.74	4.98	-0.93	-4
	28	3.55	-0.69	4.09	6.04	-3.17	31.3	7.64	3.40	-0.53	-4
	51	1.15	-0.98	4.84	5.04	-4.88	38.8	5.99	3.87	-3.70	-5
	27	1.23	-2.05	4.09	4.00	-4.82	34.1	5.32	2.04	-2.87	-6
27	53	5.30	0.61	4.60	8.11	-2.21	31.5	9.90	5.20	0.00	-3
	29	5.26	0.09	4.26	7.66	-2.31	29.4	9.52	4.35	0.00	-3
	52	3.84	0.13	4.63	6.97	-3.01	34.1	8.47	4.76	-0.79	-4
	28	3.77	-0.65	4.30	6.39	-3.27	31.4	8.07	3.64	-0.53	-4
28	54	5.96	0.87	4.41	8.51	-1.68	30.0	10.38	5.28	0.00	-2
	30	6.03	0.38	4.27	8.32	-1.91	28.2	10.29	4.64	0.00	-2
	53	5.31	0.61	4.52	8.05	-2.14	31.3	9.83	5.13	0.00	-3
	29	5.33	0.10	4.37	7.81	-2.38	29.5	9.71	4.47	0.00	-3
29	55	5.92	1.00	4.25	8.37	-1.45	30.0	10.16	5.25	0.00	-2
	31	6.05	0.53	4.12	8.25	-1.67	28.1	10.17	4.65	0.00	-2
	54	5.97	0.87	4.40	8.51	-1.67	30.0	10.37	5.27	0.00	-2
	30	6.06	0.38	4.28	8.35	-1.91	28.2	10.33	4.66	0.00	-2

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U9

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
30	56	5.23	1.10	4.06	7.72	-1.39	31.5	9.29	5.16	0.00	-2
	32	5.43	0.62	3.89	7.60	-1.55	29.2	9.32	4.51	0.00	-2
	55	5.92	1.00	4.27	8.39	-1.46	30.0	10.19	5.27	0.00	-2
	31	6.06	0.53	4.10	8.24	-1.65	28.0	10.16	4.63	0.00	-2
31	57	3.97	1.18	3.80	6.63	-1.47	34.9	7.77	4.99	0.00	-2
	33	4.28	0.69	3.58	6.49	-1.52	31.7	7.86	4.27	0.00	-2
	56	5.23	1.10	4.09	7.74	-1.42	31.6	9.32	5.19	0.00	-2
	32	5.43	0.62	3.87	7.58	-1.53	29.1	9.30	4.49	0.00	-2
32	58	2.25	1.22	3.39	5.17	-1.70	40.7	5.64	4.61	-1.15	-2
	34	2.74	0.71	3.16	5.04	-1.59	36.1	5.90	3.87	-0.41	-2
	57	3.96	1.18	3.81	6.63	-1.48	35.0	7.77	4.99	0.00	-2
	33	4.27	0.69	3.57	6.48	-1.52	31.7	7.85	4.26	0.00	-2
33	59	0.16	1.13	2.69	3.38	-2.09	50.1	2.85	3.82	-2.54	-1
	35	1.02	0.56	2.55	3.35	-1.77	42.4	3.57	3.11	-1.53	-1
	58	2.23	1.21	3.35	5.11	-1.67	40.7	5.59	4.57	-1.12	-2
	34	2.72	0.71	3.21	5.08	-1.65	36.3	5.93	3.92	-0.49	-2
34	60	-2.68	0.78	1.40	1.28	-3.18	70.5	0.00	1.51	-4.08	-0
	36	-0.91	0.25	1.37	1.16	-1.82	56.4	0.46	1.62	-2.28	-1
	59	0.19	1.13	2.63	3.34	-2.01	50.0	2.83	3.77	-2.44	-1
	35	1.09	0.57	2.61	3.45	-1.79	42.1	3.70	3.17	-1.51	-2
35	61	-9.77	6.86	3.72	7.65	-10.57	77.9	0.00	8.28	-11.79	0
	37	-12.14	-4.84	3.72	-3.28	-13.71	67.2	0.00	0.00	-15.87	-8
	60	-2.78	3.59	5.07	6.39	-5.58	61.1	2.29	8.65	-7.84	-1
	36	-0.45	1.24	5.07	5.53	-4.75	49.7	4.62	6.31	-5.52	-3
36	62	-6.64	6.47	2.96	7.10	-7.27	77.9	0.00	7.78	-7.99	0
	38	-5.02	3.76	1.02	3.87	-5.14	83.4	0.00	3.97	-5.30	0
	61	-9.87	6.84	3.87	7.69	-10.72	77.6	0.00	8.36	-12.06	0
	37	-12.26	-4.86	1.93	-4.39	-12.74	76.2	0.00	0.00	-14.20	-6
37	63	-2.87	2.05	-0.12	2.05	-2.87	-88.7	0.00	2.05	-2.88	0
	39	-2.20	0.92	-0.19	0.93	-2.21	-86.5	0.00	0.94	-2.24	0
	62	-6.47	1.24	0.77	1.32	-6.55	84.3	0.00	1.33	-6.96	0
	38	-5.37	0.53	0.70	0.61	-5.46	83.4	0.00	0.62	-6.07	-0
38	64	0.23	2.31	-1.00	2.72	-0.17	-68.0	1.24	3.31	-0.20	0
	40	0.85	1.21	-0.84	1.89	0.16	-51.1	1.69	2.06	0.00	0
	63	-2.87	2.04	-0.26	2.06	-2.89	-87.0	0.00	2.07	-2.91	0
	39	-2.11	0.93	-0.10	0.94	-2.12	-88.1	0.00	0.94	-2.12	0
39	65	2.83	2.40	-1.68	4.31	0.92	-41.4	4.51	4.08	0.00	0
	41	3.31	1.26	-1.41	4.03	0.54	-27.0	4.72	2.67	0.00	0
	64	0.25	2.31	-1.05	2.76	-0.19	-67.2	1.30	3.37	-0.23	0
	40	0.88	1.22	-0.79	1.85	0.24	-51.1	1.66	2.00	0.00	0
40	66	4.68	2.39	-2.20	6.02	1.06	-31.2	6.88	4.59	0.00	0
	42	5.05	1.21	-1.94	5.86	0.41	-22.6	6.99	3.15	0.00	0
	65	2.84	2.40	-1.68	4.31	0.93	-41.3	4.51	4.08	0.00	0
	41	3.32	1.26	-1.42	4.04	0.54	-27.0	4.73	2.68	0.00	0
41	67	5.66	2.31	-2.61	7.09	0.89	-28.6	8.27	4.92	0.00	0
	43	5.94	1.09	-2.39	6.92	0.10	-22.3	8.33	3.48	0.00	0
	66	4.69	2.39	-2.17	6.00	1.08	-31.1	6.86	4.56	0.00	0
	42	5.05	1.21	-1.96	5.87	0.39	-22.8	7.01	3.17	0.00	0
42	68	5.66	2.11	-2.96	7.33	0.43	-29.5	8.61	5.06	0.00	0
	44	5.85	0.82	-2.76	7.07	-0.40	-23.8	8.61	3.58	0.00	-0
	67	5.66	2.31	-2.60	7.08	0.89	-28.6	8.26	4.91	0.00	0
	43	5.92	1.08	-2.40	6.91	0.09	-22.4	8.32	3.48	0.00	0
43	69	4.54	1.72	-3.28	6.70	-0.44	-33.4	7.82	5.00	0.00	-0
	45	4.63	0.11	-2.95	6.09	-1.35	-26.3	7.58	3.06	0.00	-1
	68	5.65	2.11	-3.00	7.37	0.39	-29.7	8.65	5.11	0.00	0
	44	5.77	0.81	-2.68	6.94	-0.36	-23.6	8.45	3.49	0.00	-0
44	70	1.89	0.74	-3.70	5.06	-2.42	-40.6	5.59	4.44	-1.80	-2
	46	2.12	-1.23	-3.03	3.91	-3.01	-30.5	5.15	1.80	-0.91	-4
	69	4.61	1.73	-3.45	6.90	-0.57	-33.7	8.05	5.18	0.00	-0
	45	4.41	0.08	-2.78	5.77	-1.28	-26.0	7.19	2.85	0.00	-1

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U9

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
45	71	-1.31	2.37	-2.78	3.86	-2.80	-61.8	1.47	5.15	-4.09	-0
	47	-6.24	-9.05	-0.84	-6.01	-9.28	-15.4	0.00	0.00	-7.08	-9
	70	1.78	0.73	-3.73	5.02	-2.52	-41.0	5.51	4.46	-1.95	-3
	46	2.52	-1.17	-1.79	3.25	-1.89	-22.1	4.31	0.63	0.00	-2
46	72	-0.22	-0.79	-1.83	1.34	-2.35	-40.6	1.61	1.04	-2.05	-2
	48	0.34	-3.37	-2.42	1.53	-4.57	-26.3	2.08	0.00	-2.08	-5
	71	-1.38	2.36	-2.72	3.79	-2.81	-62.3	1.33	5.08	-4.10	-0
	47	-6.09	-9.03	-3.32	-3.94	-11.19	-33.1	0.00	0.00	-9.41	-12
47	74	0.18	1.96	4.11	5.27	-3.13	51.1	4.29	6.07	-3.93	-2
	50	-2.01	-0.44	3.35	2.21	-4.66	51.6	1.34	2.90	-5.35	-3
	73	-0.01	2.21	3.56	4.83	-2.63	53.7	3.54	5.77	-3.57	-1
	49	-0.11	-2.19	2.80	1.83	-4.13	34.8	2.68	0.61	-2.91	-4
48	75	1.73	1.93	4.60	6.43	-2.78	45.6	6.33	6.54	-2.88	-2
	51	1.10	-0.54	4.96	5.31	-4.75	40.3	6.06	4.42	-3.86	-5
	74	0.17	1.96	3.73	4.91	-2.78	51.8	3.90	5.70	-3.57	-1
	50	-1.94	-0.43	4.09	2.98	-5.35	50.2	2.16	3.66	-6.03	-4
49	76	3.83	1.56	4.58	7.41	-2.02	38.1	8.40	6.14	-0.75	-3
	52	3.90	0.15	4.76	7.14	-3.08	34.2	8.66	4.91	-0.85	-4
	75	1.81	1.95	4.60	6.48	-2.72	45.4	6.42	6.55	-2.79	-2
	51	1.21	-0.53	4.78	5.20	-4.52	39.8	5.99	4.25	-3.57	-5
50	77	5.26	1.45	4.51	8.25	-1.54	33.6	9.77	5.96	0.00	-2
	53	5.31	0.64	4.53	8.07	-2.12	31.4	9.84	5.17	0.00	-3
	76	3.83	1.56	4.68	7.51	-2.12	38.2	8.51	6.25	-0.85	-3
	52	3.84	0.14	4.70	7.04	-3.06	34.3	8.54	4.85	-0.86	-4
51	78	5.91	1.42	4.41	8.61	-1.28	31.5	10.32	5.82	0.00	-1
	54	5.96	0.88	4.41	8.51	-1.67	30.0	10.37	5.28	0.00	-2
	77	5.25	1.45	4.55	8.27	-1.58	33.7	9.79	5.99	0.00	-2
	53	5.31	0.64	4.54	8.09	-2.13	31.4	9.86	5.18	0.00	-3
52	79	5.85	1.40	4.33	8.49	-1.24	31.4	10.18	5.73	0.00	-1
	55	5.92	1.01	4.27	8.39	-1.46	30.1	10.19	5.28	0.00	-2
	78	5.91	1.42	4.45	8.65	-1.32	31.6	10.36	5.86	0.00	-1
	54	5.97	0.88	4.39	8.50	-1.65	29.9	10.36	5.26	0.00	-2
53	80	5.09	1.42	4.24	7.88	-1.37	33.3	9.33	5.66	0.00	-2
	56	5.23	1.11	4.10	7.76	-1.42	31.6	9.33	5.20	0.00	-2
	79	5.85	1.40	4.38	8.54	-1.28	31.5	10.23	5.78	0.00	-1
	55	5.92	1.01	4.23	8.36	-1.43	29.9	10.16	5.24	0.00	-2
54	81	3.68	1.48	4.07	6.79	-1.64	37.4	7.75	5.54	-0.39	-2
	57	3.97	1.19	3.83	6.66	-1.49	35.0	7.80	5.02	0.00	-2
	80	5.09	1.42	4.29	7.92	-1.41	33.4	9.38	5.71	0.00	-2
	56	5.23	1.11	4.06	7.72	-1.38	31.5	9.28	5.16	0.00	-2
55	82	1.67	1.57	3.69	5.31	-2.07	44.6	5.36	5.26	-2.03	-2
	58	2.25	1.24	3.38	5.17	-1.68	40.7	5.64	4.62	-1.13	-2
	81	3.68	1.48	4.11	6.83	-1.68	37.5	7.79	5.59	-0.43	-2
	57	3.96	1.19	3.80	6.62	-1.47	35.0	7.76	4.99	0.00	-2
56	83	-0.87	1.74	2.96	3.67	-2.80	56.9	2.09	4.71	-3.84	-1
	59	0.16	1.13	2.64	3.32	-2.04	50.2	2.79	3.76	-2.48	-1
	82	1.67	1.57	3.72	5.34	-2.10	44.6	5.39	5.29	-2.05	-2
	58	2.24	1.24	3.39	5.16	-1.69	40.8	5.63	4.63	-1.16	-2
57	84	-3.77	2.00	1.95	2.60	-4.37	73.0	0.00	3.01	-5.67	0
	60	-2.66	0.94	1.54	1.51	-3.23	69.7	0.00	1.84	-4.20	-0
	83	-0.88	1.74	3.01	3.71	-2.85	56.8	2.13	4.75	-3.89	-1
	59	0.19	1.13	2.60	3.31	-1.98	50.1	2.80	3.74	-2.41	-1
58	85	-9.58	10.15	5.26	11.47	-10.90	76.0	0.00	13.04	-12.32	0
	61	-9.87	6.19	3.51	6.92	-10.61	78.2	0.00	7.44	-11.86	0
	84	-3.92	8.08	6.65	11.04	-6.87	66.0	2.73	14.73	-9.38	0
	60	-2.70	4.13	4.89	6.68	-5.25	62.4	2.20	9.02	-7.59	-0
59	86	-7.81	11.44	3.20	11.95	-8.33	80.8	0.00	12.75	-8.71	0
	62	-6.55	7.02	2.81	7.58	-7.11	78.8	0.00	8.22	-7.68	0
	85	-9.64	10.14	4.63	11.17	-10.67	77.5	0.00	12.36	-11.76	0
	61	-9.97	6.18	4.23	7.22	-11.02	76.2	0.00	7.97	-12.88	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U9

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
60	87	-3.98	2.98	-0.29	2.99	-3.99	-87.6	0.00	3.00	-4.00	0
	63	-2.87	2.02	-0.26	2.04	-2.89	-87.0	0.00	2.05	-2.90	0
	86	-7.64	2.59	0.85	2.66	-7.71	85.3	0.00	2.68	-7.91	0
	62	-6.45	1.40	0.88	1.50	-6.55	83.7	0.00	1.52	-7.00	0
61	88	-0.51	3.20	-1.27	3.60	-0.90	-72.7	0.77	4.48	-1.01	0
	64	0.23	2.32	-1.07	2.78	-0.22	-67.1	1.31	3.40	-0.26	0
	87	-3.95	2.98	-0.37	3.00	-3.97	-87.0	0.00	3.02	-4.00	0
	63	-2.88	2.02	-0.16	2.03	-2.88	-88.1	0.00	2.03	-2.89	0
62	89	2.35	3.33	-1.94	4.85	0.84	-52.1	4.29	5.28	0.00	0
	65	2.83	2.41	-1.68	4.31	0.92	-41.4	4.51	4.09	0.00	0
	88	-0.49	3.20	-1.29	3.61	-0.90	-72.5	0.80	4.50	-1.02	0
	64	0.25	2.32	-1.03	2.75	-0.17	-67.5	1.29	3.36	-0.21	0
63	90	4.38	3.43	-2.38	6.34	1.48	-39.4	6.76	5.81	0.00	0
	66	4.68	2.40	-2.17	5.99	1.09	-31.1	6.85	4.56	0.00	0
	89	2.36	3.34	-1.91	4.82	0.87	-52.1	4.28	5.25	0.00	0
	65	2.84	2.41	-1.70	4.34	0.91	-41.4	4.54	4.11	0.00	0
64	91	5.46	3.54	-2.69	7.36	1.64	-35.2	8.15	6.24	0.00	0
	67	5.66	2.32	-2.57	7.06	0.92	-28.5	8.24	4.89	0.00	0
	90	4.39	3.43	-2.33	6.29	1.54	-39.2	6.72	5.76	0.00	0
	66	4.69	2.40	-2.21	6.03	1.06	-31.3	6.89	4.60	0.00	0
65	92	5.50	3.69	-2.97	7.70	1.49	-36.5	8.47	6.66	0.00	0
	68	5.66	2.14	-2.95	7.34	0.47	-29.6	8.61	5.09	0.00	0
	91	5.46	3.55	-2.63	7.31	1.70	-35.0	8.10	6.18	0.00	0
	67	5.66	2.32	-2.61	7.09	0.89	-28.7	8.27	4.93	0.00	0
66	93	4.46	3.95	-3.24	7.46	0.95	-42.7	7.70	7.19	0.00	0
	69	4.54	1.73	-3.32	6.74	-0.46	-33.5	7.86	5.05	0.00	-0
	92	5.51	3.69	-2.90	7.64	1.56	-36.3	8.41	6.59	0.00	0
	68	5.66	2.14	-2.97	7.35	0.45	-29.7	8.63	5.11	0.00	0
67	94	2.51	4.51	-3.28	6.95	0.08	-53.5	5.80	7.80	0.00	0
	70	1.96	1.19	-3.59	5.19	-2.03	-42.0	5.55	4.79	-1.63	-2
	93	4.46	3.95	-3.10	7.32	1.09	-42.6	7.56	7.05	0.00	0
	69	4.61	1.74	-3.41	6.87	-0.52	-33.6	8.02	5.15	0.00	-0
68	95	0.64	4.75	-2.52	5.94	-0.56	-64.6	3.16	7.27	-0.70	0
	71	-1.45	1.48	-3.09	3.43	-3.40	-57.7	1.64	4.57	-4.54	-1
	94	2.42	4.50	-3.25	6.87	0.05	-53.9	5.67	7.75	0.00	0
	70	1.85	1.18	-3.82	5.34	-2.32	-42.5	5.66	4.99	-1.97	-2
69	96	-0.01	5.23	-2.44	6.19	-0.97	-68.5	2.43	7.67	-1.14	0
	72	-0.11	-0.04	-1.94	1.87	-2.02	-45.5	1.84	1.90	-2.05	-1
	95	0.65	4.75	-2.86	6.22	-0.82	-62.8	3.51	7.61	-1.08	0
	71	-1.52	1.47	-2.37	2.78	-2.83	-61.1	0.85	3.84	-3.89	-0
70	98	0.98	3.53	3.66	6.13	-1.62	54.6	4.63	7.19	-2.68	-0
	74	0.22	2.20	3.79	5.12	-2.71	52.3	4.00	5.98	-3.57	-1
	97	0.02	4.04	3.52	6.08	-2.02	59.9	3.53	7.56	-3.04	0
	73	-0.08	1.80	3.65	4.62	-2.91	52.2	3.57	5.44	-3.72	-1
71	99	2.36	3.15	3.98	6.75	-1.24	47.8	6.33	7.12	-1.62	-0
	75	1.71	1.84	4.49	6.26	-2.72	45.4	6.20	6.33	-2.78	-2
	98	0.96	3.53	3.54	6.01	-1.52	55.0	4.50	7.07	-2.58	-0
	74	0.20	2.20	4.05	5.37	-2.97	51.9	4.25	6.25	-3.85	-1
72	100	3.99	2.60	4.09	7.45	-0.86	40.2	8.08	6.70	-0.11	-1
	76	3.83	1.58	4.69	7.52	-2.11	38.3	8.51	6.27	-0.86	-3
	99	2.39	3.15	3.92	6.71	-1.17	47.8	6.31	7.07	-1.54	-0
	75	1.80	1.85	4.51	6.34	-2.69	45.2	6.31	6.36	-2.71	-2
73	101	5.30	2.15	4.15	8.16	-0.72	34.6	9.45	6.30	0.00	-1
	77	5.26	1.47	4.58	8.32	-1.59	33.8	9.84	6.05	0.00	-2
	100	4.01	2.61	4.17	7.54	-0.92	40.2	8.18	6.78	-0.16	-1
	76	3.83	1.58	4.59	7.43	-2.02	38.1	8.42	6.17	-0.76	-3
74	102	5.96	1.83	4.22	8.59	-0.80	32.0	10.18	6.05	0.00	-1
	78	5.92	1.43	4.46	8.67	-1.32	31.6	10.38	5.89	0.00	-1
	101	5.30	2.15	4.25	8.25	-0.80	34.8	9.55	6.40	0.00	-1
	77	5.25	1.47	4.49	8.23	-1.51	33.6	9.74	5.96	0.00	-2

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U9

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
75	103	5.89	1.63	4.30	8.56	-1.04	31.8	10.19	5.93	0.00	-1
	79	5.85	1.41	4.39	8.55	-1.29	31.6	10.24	5.80	0.00	-1
	102	5.96	1.83	4.30	8.67	-0.87	32.2	10.26	6.13	0.00	-1
	78	5.92	1.43	4.39	8.60	-1.26	31.5	10.30	5.82	0.00	-1
76	104	5.07	1.52	4.36	8.00	-1.42	33.9	9.43	5.88	0.00	-2
	80	5.09	1.43	4.30	7.94	-1.42	33.5	9.40	5.73	0.00	-2
	103	5.89	1.63	4.38	8.63	-1.11	32.0	10.27	6.01	0.00	-1
	79	5.85	1.41	4.32	8.49	-1.22	31.4	10.17	5.73	0.00	-1
77	105	3.48	1.49	4.34	6.94	-1.97	38.5	7.82	5.83	-0.86	-2
	81	3.68	1.49	4.13	6.85	-1.69	37.6	7.81	5.62	-0.45	-2
	104	5.07	1.52	4.44	8.08	-1.49	34.1	9.51	5.96	0.00	-2
	80	5.09	1.43	4.23	7.87	-1.35	33.3	9.32	5.66	0.00	-2
78	106	1.15	1.59	4.12	5.50	-2.75	46.5	5.27	5.71	-2.97	-2
	82	1.67	1.60	3.74	5.38	-2.11	44.7	5.41	5.34	-2.08	-2
	105	3.49	1.49	4.43	7.03	-2.05	38.7	7.91	5.92	-0.94	-2
	81	3.68	1.49	4.05	6.78	-1.62	37.4	7.73	5.54	-0.37	-2
79	107	-1.83	1.87	3.57	4.04	-3.99	58.7	1.74	5.44	-5.39	-1
	83	-0.87	1.75	3.02	3.73	-2.86	56.7	2.15	4.77	-3.89	-1
	106	1.15	1.59	4.22	5.59	-2.85	46.5	5.36	5.81	-3.07	-2
	82	1.67	1.60	3.67	5.31	-2.04	44.7	5.34	5.27	-2.00	-2
80	108	-5.03	2.22	2.62	3.07	-5.88	72.1	0.00	3.59	-7.65	-0
	84	-3.78	1.99	1.97	2.59	-4.38	72.8	0.00	3.01	-5.73	0
	107	-1.86	1.87	3.62	4.07	-4.07	58.6	1.76	5.48	-5.48	-1
	83	-0.88	1.75	2.96	3.67	-2.81	57.0	2.08	4.71	-3.84	-1
81	109	-11.15	11.63	6.52	13.36	-12.89	75.1	0.00	15.45	-14.81	0
	85	-9.58	10.21	4.70	11.27	-10.64	77.3	0.00	12.51	-11.74	0
	108	-5.18	9.26	8.63	13.29	-9.22	65.0	3.45	17.89	-13.23	0
	84	-3.93	8.02	6.81	11.11	-7.01	65.6	2.88	14.83	-9.70	0
82	110	-9.55	13.21	3.48	13.73	-10.07	81.5	0.00	14.48	-10.46	0
	86	-7.83	11.34	2.84	11.75	-8.24	81.8	0.00	12.37	-8.54	0
	109	-11.20	11.62	5.95	13.08	-12.66	76.2	0.00	14.78	-14.24	0
	85	-9.64	10.20	5.30	11.53	-10.96	75.9	0.00	13.12	-12.39	0
83	111	-5.30	3.39	-0.51	3.42	-5.33	-86.6	0.00	3.44	-5.38	0
	87	-3.97	2.98	-0.39	3.01	-4.00	-86.8	0.00	3.02	-4.03	0
	110	-9.37	2.93	0.87	2.99	-9.43	86.0	0.00	3.01	-9.63	0
	86	-7.64	2.56	0.99	2.66	-7.74	84.5	0.00	2.69	-8.02	0
84	112	-1.32	3.66	-1.57	4.11	-1.78	-73.9	0.25	5.23	-1.99	0
	88	-0.50	3.22	-1.30	3.62	-0.91	-72.5	0.80	4.52	-1.03	0
	111	-5.26	3.40	-0.59	3.44	-5.30	-86.1	0.00	3.46	-5.36	0
	87	-3.95	2.99	-0.32	3.00	-3.96	-87.4	0.00	3.01	-3.98	0
85	113	1.92	3.90	-2.15	5.28	0.54	-57.3	4.08	6.05	0.00	0
	89	2.35	3.34	-1.91	4.82	0.87	-52.3	4.27	5.26	0.00	0
	112	-1.31	3.66	-1.55	4.11	-1.75	-74.0	0.24	5.21	-1.96	0
	88	-0.49	3.22	-1.31	3.63	-0.91	-72.4	0.82	4.53	-1.02	0
86	114	4.20	4.17	-2.44	6.62	1.74	-44.8	6.64	6.61	0.00	0
	90	4.39	3.44	-2.32	6.28	1.55	-39.3	6.70	5.76	0.00	0
	113	1.93	3.90	-2.09	5.22	0.61	-57.6	4.02	5.99	0.00	0
	89	2.36	3.34	-1.97	4.88	0.82	-52.0	4.33	5.31	0.00	0
87	115	5.40	4.52	-2.56	7.56	2.36	-40.1	7.97	7.08	0.00	0
	91	5.46	3.56	-2.62	7.29	1.73	-35.0	8.08	6.17	0.00	0
	114	4.21	4.17	-2.35	6.53	1.84	-44.8	6.55	6.51	0.00	0
	90	4.39	3.44	-2.40	6.36	1.47	-39.4	6.79	5.84	0.00	0
88	116	5.52	5.00	-2.61	7.89	2.64	-42.2	8.13	7.61	0.00	0
	92	5.50	3.71	-2.88	7.62	1.59	-36.4	8.38	6.59	0.00	0
	115	5.41	4.52	-2.45	7.45	2.48	-39.8	7.86	6.97	0.00	0
	91	5.47	3.56	-2.71	7.39	1.64	-35.3	8.18	6.27	0.00	0
89	117	4.64	5.66	-2.60	7.80	2.51	-50.5	7.24	8.26	0.00	0
	93	4.46	3.96	-3.12	7.34	1.09	-42.7	7.58	7.08	0.00	0
	116	5.52	5.00	-2.48	7.75	2.77	-42.0	8.00	7.48	0.00	0
	92	5.51	3.71	-3.00	7.75	1.48	-36.6	8.52	6.71	0.00	0

B5 - ELEMENT NODAL MOMENTS:
==========
Units --> Moment (kip-ft/ft), Angle (Deg)
Ultimate Load Combination: U9

								Top		Bottom	
Elem	Node	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux)	M(uy)	M(ux)	M(uy
90	118	3.10	6.44	-2.40	7.69	1.85	-62.4	5.50	8.83	0.00	0
	94	2.50	4.41	-3.16	6.76	0.16	-53.4	5.66	7.57	0.00	0
	117	4.62	5.66	-2.48	7.68	2.60	-50.9	7.11	8.14	0.00	0
	93	4.46	3.96	-3.25	7.47	0.96	-42.8	7.71	7.21	0.00	0
91	119	1.45	7.06	-2.06	7.74	0.78	-71.8	3.52	9.12	0.00	0
	95	0.67	4.98	-2.81	6.36	-0.71	-63.7	3.48	7.79	-0.91	0
	118	3.07	6.43	-2.42	7.70	1.80	-62.4	5.49	8.85	0.00	0
	94	2.41	4.40	-3.17	6.72	0.09	-53.7	5.57	7.57	0.00	0
92	120	0.02	7.84	-2.11	8.37	-0.51	-75.8	2.13	9.95	-0.55	0
	96	-0.07	4.81	-2.52	5.88	-1.14	-67.1	2.44	7.33	-1.39	0
	119	1.47	7.07	-2.16	7.80	0.73	-71.2	3.63	9.22	0.00	0
	95	0.68	4.98	-2.56	6.18	-0.51	-65.0	3.25	7.55	-0.64	0
93	122	1.29	4.17	3.07	6.12	-0.66	57.5	4.36	7.24	-0.97	0
	98	0.99	3.61	3.58	6.11	-1.51	55.1	4.57	7.19	-2.55	0
	121	0.01	4.73	3.03	6.20	-1.47	64.0	3.03	7.75	-1.93	0
	97	-0.01	3.87	3.53	5.96	-2.10	59.4	3.52	7.40	-3.22	0
94	123	2.72	3.62	3.25	6.45	-0.11	48.9	5.98	6.87	-0.20	0
	99	2.36	3.13	3.88	6.65	-1.16	47.9	6.24	7.02	-1.53	-0
	122	1.28	4.17	3.03	6.08	-0.63	57.8	4.30	7.19	-0.92	0
	98	0.97	3.61	3.66	6.18	-1.60	54.9	4.63	7.27	-2.69	-0
95	124	4.25	2.99	3.43	7.11	0.14	39.8	7.68	6.42	0.00	0
	100	3.98	2.59	4.14	7.48	-0.91	40.2	8.12	6.73	-0.15	-1
	123	2.74	3.62	3.21	6.42	-0.06	48.9	5.95	6.83	-0.11	0
	99	2.38	3.14	3.92	6.70	-1.18	47.7	6.31	7.06	-1.54	-0
96	125	5.51	2.42	3.64	7.92	0.01	33.5	9.15	6.06	0.00	0
	101	5.30	2.15	4.25	8.25	-0.80	34.8	9.54	6.40	0.00	-1
	124	4.27	3.00	3.47	7.17	0.10	39.8	7.74	6.47	0.00	0
	100	4.01	2.60	4.08	7.45	-0.84	40.1	8.09	6.68	-0.08	-1
97	126	6.17	1.96	3.89	8.49	-0.35	30.8	10.06	5.85	0.00	-0
	102	5.96	1.84	4.31	8.68	-0.88	32.2	10.27	6.15	0.00	-1
	125	5.52	2.42	3.73	8.01	-0.07	33.7	9.25	6.15	0.00	-0
	101	5.30	2.15	4.15	8.17	-0.71	34.6	9.45	6.30	0.00	-1
98	127	6.09	1.62	4.15	8.57	-0.87	30.9	10.24	5.77	0.00	-1
	103	5.89	1.63	4.38	8.64	-1.11	32.0	10.28	6.02	0.00	-1
	126	6.17	1.96	3.98	8.57	-0.44	31.1	10.16	5.95	0.00	-0
	102	5.96	1.84	4.21	8.59	-0.79	32.0	10.18	6.05	0.00	-1
99	128	5.20	1.35	4.40	8.07	-1.52	33.2	9.59	5.75	0.00	-2
	104	5.07	1.52	4.45	8.08	-1.50	34.1	9.51	5.97	0.00	-2
	127	6.09	1.62	4.24	8.65	-0.94	31.1	10.33	5.86	0.00	-1
	103	5.89	1.63	4.29	8.56	-1.03	31.8	10.19	5.93	0.00	-1
100	129	3.45	1.17	4.56	7.01	-2.39	38.0	8.01	5.73	-1.11	-3
	105	3.48	1.50	4.43	7.03	-2.05	38.7	7.91	5.93	-0.95	-2
	128	5.20	1.35	4.49	8.16	-1.60	33.4	9.68	5.84	0.00	-2
	104	5.07	1.52	4.36	8.00	-1.41	33.9	9.43	5.88	0.00	-2

B6 - Punching Shear Around Columns (Ultimate Load Combinations):
==========

Units --> Applied Shear Force Vu (kips), Applied Moments Mux, Muy (k-ft)
Factored Shear Stress vu (psi), Factored Shear Resistance Phi*vc (psi)
Concrete Strength f'c (psi), distances X_Offset, Y_Offset (ft)
Average depth (in), Dimensions Bx, By (ft)
Area (in^2), Jxx, Jyy, Jxy (in^4)

Geometry of Resisting Area

Node	Column Label	Location	Average Depth	Dimensions Bx	Dimensions By	Centroid X_Offset	Centroid Y_Offset
26	COL1	Inner	20.63	2.72	2.72	0.00	0.00
37	COL1	Inner	32.63	3.72	3.72	0.00	0.00
47	COL1	Inner	20.63	2.72	2.72	0.00	0.00

Properties of Resisting Area

Node	Column Label	Area	Jxx	Jyy	Jxy
26	COL1	2691.56	525185.81	525185.81	-0.00
37	COL1	5823.56	2191104.00	2191104.00	0.00
47	COL1	2691.56	525185.81	525185.81	-0.00

Ultimate Load Combination: U1

Factored Applied Forces:

Node	Column Label	Vu	Mux	Gamma_X	Muy	Gamma_Y
26	COL1	-70.00	0.0	0.400	0.0	0.400
37	COL1	-70.00	0.0	0.400	0.0	0.400
47	COL1	-70.00	0.0	0.400	-0.0	0.400

Factored Stress and Capacity:

Node	Column Label	vu	f'c	Phi*vc	Critical Point X_Offset	Critical Point Y_Offset	Status
26	COL1	-26.01	3000.00	164.32	1.36	1.36	Safe
37	COL1	-12.02	3000.00	164.32	1.86	1.86	Safe
47	COL1	-26.01	3000.00	164.32	-1.36	1.36	Safe

B6 - Punching Shear Around Columns (Ultimate Load Combinations):
==========

Units --> Applied Shear Force Vu (kips), Applied Moments Mux, Muy (k-ft)
Factored Shear Stress vu (psi), Factored Shear Resistance Phi*vc (psi)
Concrete Strength f'c (psi), distances X_Offset, Y_Offset (ft)
Average depth (in), Dimensions Bx, By (ft)
Area (in^2), Jxx, Jyy, Jxy (in^4)

Geometry of Resisting Area

Node	Column Label	Location	Average Depth	Dimensions Bx	Dimensions By	Centroid X_Offset	Centroid Y_Offset
26	COL1	Inner	20.63	2.72	2.72	0.00	0.00
37	COL1	Inner	32.63	3.72	3.72	0.00	0.00
47	COL1	Inner	20.63	2.72	2.72	0.00	0.00

Properties of Resisting Area

Node	Column Label	Area	Jxx	Jyy	Jxy
26	COL1	2691.56	525185.81	525185.81	-0.00
37	COL1	5823.56	2191104.00	2191104.00	0.00
47	COL1	2691.56	525185.81	525185.81	-0.00

Ultimate Load Combination: U2

Factored Applied Forces:

Node	Column Label	Vu	Mux	Gamma_X	Muy	Gamma_Y
26	COL1	-116.00	0.0	0.400	0.0	0.400
37	COL1	-116.00	0.0	0.400	0.0	0.400
47	COL1	-116.00	0.0	0.400	-0.0	0.400

Factored Stress and Capacity:

Node	Column Label	vu	f'c	Phi*vc	_Critical Point__ X_Offset	Y_Offset	Status
26	COL1	-43.10	3000.00	164.32	1.36	1.36	Safe
37	COL1	-19.92	3000.00	164.32	1.86	1.86	Safe
47	COL1	-43.10	3000.00	164.32	-1.36	1.36	Safe

B6 - Punching Shear Around Columns (Ultimate Load Combinations):
==========

Units --> Applied Shear Force Vu (kips), Applied Moments Mux, Muy (k-ft)
Factored Shear Stress vu (psi), Factored Shear Resistance Phi*vc (psi)
Concrete Strength f'c (psi), distances X_Offset, Y_Offset (ft)
Average depth (in), Dimensions Bx, By (ft)
Area (in^2), Jxx, Jyy, Jxy (in^4)

Geometry of Resisting Area

Node	_____Column_____ Label	Location	Average Depth	___Dimensions____ Bx	By	_____Centroid____ X_Offset	Y_Offset
26	COL1	Inner	20.63	2.72	2.72	0.00	0.00
37	COL1	Inner	32.63	3.72	3.72	0.00	0.00
47	COL1	Inner	20.63	2.72	2.72	0.00	0.00

Properties of Resisting Area

Node	Column Label	Area	Jxx	Jyy	Jxy
26	COL1	2691.56	525185.81	525185.81	-0.00
37	COL1	5823.56	2191104.00	2191104.00	0.00
47	COL1	2691.56	525185.81	525185.81	-0.00

Ultimate Load Combination: U3

Factored Applied Forces:

Node	Column Label	Vu	Mux	Gamma_X	Muy	Gamma_Y
26	COL1	-95.00	0.0	0.400	0.0	0.400
37	COL1	-95.00	0.0	0.400	0.0	0.400
47	COL1	-95.00	0.0	0.400	-0.0	0.400

Factored Stress and Capacity:

Node	Column Label	vu	f'c	Phi*vc	_Critical Point__ X_Offset	Y_Offset	Status
26	COL1	-35.30	3000.00	164.32	1.36	1.36	Safe
37	COL1	-16.31	3000.00	164.32	1.86	1.86	Safe
47	COL1	-35.30	3000.00	164.32	-1.36	1.36	Safe

B6 - Punching Shear Around Columns (Ultimate Load Combinations):
==========

Units --> Applied Shear Force Vu (kips), Applied Moments Mux, Muy (k-ft)
Factored Shear Stress vu (psi), Factored Shear Resistance Phi*vc (psi)
Concrete Strength f'c (psi), distances X_Offset, Y_Offset (ft)
Average depth (in), Dimensions Bx, By (ft)
Area (in^2), Jxx, Jyy, Jxy (in^4)

Geometry of Resisting Area

Node	_____Column_____ Label	Location	Average Depth	___Dimensions____ Bx	By	_____Centroid____ X_Offset	Y_Offset
26	COL1	Inner	20.63	2.72	2.72	0.00	0.00
37	COL1	Inner	32.63	3.72	3.72	0.00	0.00
47	COL1	Inner	20.63	2.72	2.72	0.00	0.00

Properties of Resisting Area

Node	Column Label	Area	Jxx	Jyy	Jxy
26	COL1	2691.56	525185.81	525185.81	-0.00
37	COL1	5823.56	2191104.00	2191104.00	0.00
47	COL1	2691.56	525185.81	525185.81	-0.00

Ultimate Load Combination: U4

Factored Applied Forces:

Node	Column Label	Vu	Mux	Gamma_X	Muy	Gamma_Y
26	COL1	-68.00	1.6	0.400	0.0	0.400
37	COL1	-68.00	1.6	0.400	0.0	0.400
47	COL1	-68.00	1.6	0.400	-0.0	0.400

Factored Stress and Capacity:

Node	Column Label	vu	f'c	Phi*vc	_Critical Point__ X_Offset	Y_Offset	Status
26	COL1	-25.86	3000.00	164.32	1.36	-1.36	Safe
37	COL1	-11.87	3000.00	164.32	1.86	-1.86	Safe
47	COL1	-25.86	3000.00	164.32	-1.36	-1.36	Safe

B6 - Punching Shear Around Columns (Ultimate Load Combinations):

Units --> Applied Shear Force Vu (kips), Applied Moments Mux, Muy (k-ft)
Factored Shear Stress vu (psi), Factored Shear Resistance Phi*vc (psi)
Concrete Strength f'c (psi), distances X_Offset, Y_Offset (ft)
Average depth (in), Dimensions Bx, By (ft)
Area (in^2), Jxx, Jyy, Jxy (in^4)

Geometry of Resisting Area

Node	_Column_ Label	Location	Average Depth	___Dimensions____ Bx	By	_____Centroid____ X_Offset	Y_Offset
26	COL1	Inner	20.63	2.72	2.72	0.00	0.00
37	COL1	Inner	32.63	3.72	3.72	0.00	0.00
47	COL1	Inner	20.63	2.72	2.72	0.00	0.00

Properties of Resisting Area

Node	Column Label	Area	Jxx	Jyy	Jxy
26	COL1	2691.56	525185.81	525185.81	-0.00
37	COL1	5823.56	2191104.00	2191104.00	0.00
47	COL1	2691.56	525185.81	525185.81	-0.00

Ultimate Load Combination: U5

Factored Applied Forces:

Node	Column Label	Vu	Mux	Gamma_X	Muy	Gamma_Y
26	COL1	-111.00	3.2	0.400	0.0	0.400
37	COL1	-111.00	3.2	0.400	0.0	0.400
47	COL1	-111.00	3.2	0.400	-0.0	0.400

Factored Stress and Capacity:

Node	Column Label	vu	f'c	Phi*vc	_Critical Point__ X_Offset	Y_Offset	Status
26	COL1	-42.43	3000.00	164.32	1.36	-1.36	Safe
37	COL1	-19.45	3000.00	164.32	1.86	-1.86	Safe
47	COL1	-42.43	3000.00	164.32	-1.36	-1.36	Safe

B6 - Punching Shear Around Columns (Ultimate Load Combinations):

Units --> Applied Shear Force Vu (kips), Applied Moments Mux, Muy (k-ft)
Factored Shear Stress vu (psi), Factored Shear Resistance Phi*vc (psi)
Concrete Strength f'c (psi), distances X_Offset, Y_Offset (ft)
Average depth (in), Dimensions Bx, By (ft)
Area (in^2), Jxx, Jyy, Jxy (in^4)

Geometry of Resisting Area

Node	_Column_ Label	Location	Average Depth	___Dimensions____ Bx	By	_____Centroid____ X_Offset	Y_Offset
26	COL1	Inner	20.63	2.72	2.72	0.00	0.00
37	COL1	Inner	32.63	3.72	3.72	0.00	0.00
47	COL1	Inner	20.63	2.72	2.72	0.00	0.00

Properties of Resisting Area

Node	Column Label	Area	Jxx	Jyy	Jxy

26	COL1	2691.56	525185.81	525185.81	-0.00
37	COL1	5823.56	2191104.00	2191104.00	0.00
47	COL1	2691.56	525185.81	525185.81	-0.00

Ultimate Load Combination: U6

Factored Applied Forces:

Node	Column Label	Vu	Mux	Gamma_X	Muy	Gamma_Y
26	COL1	-61.00	3.2	0.400	0.0	0.400
37	COL1	-61.00	3.2	0.400	0.0	0.400
47	COL1	-61.00	3.2	0.400	-0.0	0.400

Factored Stress and Capacity:

					Critical Point		
Node	Column Label	vu	f'c	Phi*vc	X_Offset	Y_Offset	Status
26	COL1	-23.86	3000.00	164.32	1.36	-1.36	Safe
37	COL1	-10.87	3000.00	164.32	1.86	-1.86	Safe
47	COL1	-23.86	3000.00	164.32	-1.36	-1.36	Safe

B6 - Punching Shear Around Columns (Ultimate Load Combinations):

Units --> Applied Shear Force Vu (kips), Applied Moments Mux, Muy (k-ft)
Factored Shear Stress vu (psi), Factored Shear Resistance Phi*vc (psi)
Concrete Strength f'c (psi), distances X_Offset, Y_Offset (ft)
Average depth (in), Dimensions Bx, By (ft)
Area (in^2), Jxx, Jyy, Jxy (in^4)

Geometry of Resisting Area

	Column		Average	Dimensions		Centroid	
Node	Label	Location	Depth	Bx	By	X_Offset	Y_Offset
26	COL1	Inner	20.63	2.72	2.72	0.00	0.00
37	COL1	Inner	32.63	3.72	3.72	0.00	0.00
47	COL1	Inner	20.63	2.72	2.72	0.00	0.00

Properties of Resisting Area

Node	Column Label	Area	Jxx	Jyy	Jxy
26	COL1	2691.56	525185.81	525185.81	-0.00
37	COL1	5823.56	2191104.00	2191104.00	0.00
47	COL1	2691.56	525185.81	525185.81	-0.00

Ultimate Load Combination: U7

Factored Applied Forces:

Node	Column Label	Vu	Mux	Gamma_X	Muy	Gamma_Y
26	COL1	-52.00	-1.6	0.400	0.0	0.400
37	COL1	-52.00	-1.6	0.400	0.0	0.400
47	COL1	-52.00	-1.6	0.400	-0.0	0.400

Factored Stress and Capacity:

					Critical Point		
Node	Column Label	vu	f'c	Phi*vc	X_Offset	Y_Offset	Status
26	COL1	-19.92	3000.00	164.32	1.36	1.36	Safe
37	COL1	-9.12	3000.00	164.32	1.86	1.86	Safe
47	COL1	-19.92	3000.00	164.32	-1.36	1.36	Safe

B6 - Punching Shear Around Columns (Ultimate Load Combinations):

Units --> Applied Shear Force Vu (kips), Applied Moments Mux, Muy (k-ft)
Factored Shear Stress vu (psi), Factored Shear Resistance Phi*vc (psi)
Concrete Strength f'c (psi), distances X_Offset, Y_Offset (ft)
Average depth (in), Dimensions Bx, By (ft)
Area (in^2), Jxx, Jyy, Jxy (in^4)

Geometry of Resisting Area

Column Average Dimensions Centroid

Node	Label	Location	Depth	Bx	By	X_Offset	Y_Offset
26	COL1	Inner	20.63	2.72	2.72	0.00	0.00
37	COL1	Inner	32.63	3.72	3.72	0.00	0.00
47	COL1	Inner	20.63	2.72	2.72	0.00	0.00

Properties of Resisting Area

Node	Column Label	Area	Jxx	Jyy	Jxy
26	COL1	2691.56	525185.81	525185.81	-0.00
37	COL1	5823.56	2191104.00	2191104.00	0.00
47	COL1	2691.56	525185.81	525185.81	-0.00

Ultimate Load Combination: U8

Factored Applied Forces:

Node	Column Label	Vu	Mux	Gamma_X	Muy	Gamma_Y
26	COL1	-79.00	-3.2	0.400	0.0	0.400
37	COL1	-79.00	-3.2	0.400	0.0	0.400
47	COL1	-79.00	-3.2	0.400	-0.0	0.400

Factored Stress and Capacity:

Node	Column Label	vu	f'c	Phi*vc	_Critical Point__ X_Offset	Y_Offset	Status
26	COL1	-30.54	3000.00	164.32	1.36	1.36	Safe
37	COL1	-13.96	3000.00	164.32	1.86	1.86	Safe
47	COL1	-30.54	3000.00	164.32	-1.36	1.36	Safe

B6 - Punching Shear Around Columns (Ultimate Load Combinations):

Units --> Applied Shear Force Vu (kips), Applied Moments Mux, Muy (k-ft)
Factored Shear Stress vu (psi), Factored Shear Resistance Phi*vc (psi)
Concrete Strength f'c (psi), distances X_Offset, Y_Offset (ft)
Average depth (in), Dimensions Bx, By (ft)
Area (in^2), Jxx, Jyy, Jxy (in^4)

Geometry of Resisting Area

Node	Column Label	Location	Average Depth	Dimensions Bx	By	Centroid X_Offset	Y_Offset
26	COL1	Inner	20.63	2.72	2.72	0.00	0.00
37	COL1	Inner	32.63	3.72	3.72	0.00	0.00
47	COL1	Inner	20.63	2.72	2.72	0.00	0.00

Properties of Resisting Area

Node	Column Label	Area	Jxx	Jyy	Jxy
26	COL1	2691.56	525185.81	525185.81	-0.00
37	COL1	5823.56	2191104.00	2191104.00	0.00
47	COL1	2691.56	525185.81	525185.81	-0.00

Ultimate Load Combination: U9

Factored Applied Forces:

Node	Column Label	Vu	Mux	Gamma_X	Muy	Gamma_Y
26	COL1	-29.00	-3.2	0.400	0.0	0.400
37	COL1	-29.00	-3.2	0.400	0.0	0.400
47	COL1	-29.00	-3.2	0.400	-0.0	0.400

Factored Stress and Capacity:

Node	Column Label	vu	f'c	Phi*vc	_Critical Point__ X_Offset	Y_Offset	Status
26	COL1	-11.97	3000.00	164.32	1.36	1.36	Safe
37	COL1	-5.37	3000.00	164.32	-1.86	1.86	Safe
47	COL1	-11.97	3000.00	164.32	-1.36	1.36	Safe

B7 - Punching Shear Around Piles (Ultimate Load Combinations):

* No piles assigned

C1 - NODAL DISPLACEMENT ENVELOPES:

	Downward		Upward	
Node	Dz (in)	Ld Comb.	Dz (in)	Ld Comb.
1	-0.2134	S2	0.0000	-
2	-0.1971	S2	0.0000	-
3	-0.1791	S2	0.0000	-
4	-0.1607	S2	0.0000	-
5	-0.1442	S2	0.0000	-
6	-0.1304	S2	0.0000	-
7	-0.1199	S2	0.0000	-
8	-0.1128	S2	0.0000	-
9	-0.1087	S2	0.0000	-
10	-0.1071	S2	0.0000	-
11	-0.1070	S2	0.0000	-
12	-0.1078	S2	0.0000	-
13	-0.1087	S2	0.0000	-
14	-0.1069	S2	0.0000	-
15	-0.1039	S2	0.0000	-
16	-0.1000	S2	0.0000	-
17	-0.0969	S2	0.0000	-
18	-0.0959	S2	0.0000	-
19	-0.0979	S2	0.0000	-
20	-0.1032	S2	0.0000	-
21	-0.1117	S2	0.0000	-
22	-0.1224	S2	0.0000	-
23	-0.1334	S2	0.0000	-
24	-0.1430	S2	0.0000	-
25	-0.2042	S2	0.0000	-
26	-0.1894	S2	0.0000	-
27	-0.1730	S2	0.0000	-
28	-0.1571	S2	0.0000	-
29	-0.1432	S2	0.0000	-
30	-0.1321	S2	0.0000	-
31	-0.1241	S2	0.0000	-
32	-0.1193	S2	0.0000	-
33	-0.1174	S2	0.0000	-
34	-0.1176	S2	0.0000	-
35	-0.1191	S2	0.0000	-
36	-0.1210	S2	0.0000	-
37	-0.1227	S2	0.0000	-
38	-0.1214	S2	0.0000	-
39	-0.1184	S2	0.0000	-
40	-0.1143	S2	0.0000	-
41	-0.1107	S2	0.0000	-
42	-0.1087	S2	0.0000	-
43	-0.1093	S2	0.0000	-
44	-0.1130	S2	0.0000	-
45	-0.1196	S2	0.0000	-
46	-0.1286	S2	0.0000	-
47	-0.1384	S2	0.0000	-
48	-0.1467	S2	0.0000	-
49	-0.1932	S2	0.0000	-
50	-0.1800	S2	0.0000	-
51	-0.1663	S2	0.0000	-
52	-0.1532	S2	0.0000	-
53	-0.1420	S2	0.0000	-
54	-0.1336	S2	0.0000	-
55	-0.1282	S2	0.0000	-
56	-0.1258	S2	0.0000	-
57	-0.1260	S2	0.0000	-
58	-0.1282	S2	0.0000	-
59	-0.1314	S2	0.0000	-
60	-0.1344	S2	0.0000	-

C1 - NODAL DISPLACEMENT ENVELOPES:

	Downward		Upward	
Node	Dz (in)	Ld Comb.	Dz (in)	Ld Comb.
61	-0.1370	S2	0.0000	-
62	-0.1364	S2	0.0000	-
63	-0.1336	S2	0.0000	-
64	-0.1292	S2	0.0000	-
65	-0.1248	S2	0.0000	-
66	-0.1217	S2	0.0000	-
67	-0.1209	S2	0.0000	-
68	-0.1228	S2	0.0000	-
69	-0.1275	S2	0.0000	-
70	-0.1343	S2	0.0000	-
71	-0.1419	S2	0.0000	-
72	-0.1492	S2	0.0000	-
73	-0.1818	S2	0.0000	-
74	-0.1706	S2	0.0000	-
75	-0.1596	S2	0.0000	-
76	-0.1493	S2	0.0000	-
77	-0.1410	S2	0.0000	-
78	-0.1352	S2	0.0000	-
79	-0.1323	S2	0.0000	-
80	-0.1324	S2	0.0000	-
81	-0.1350	S2	0.0000	-
82	-0.1394	S2	0.0000	-
83	-0.1444	S2	0.0000	-
84	-0.1486	S2	0.0000	-
85	-0.1525	S2	0.0000	-
86	-0.1528	S2	0.0000	-
87	-0.1502	S2	0.0000	-
88	-0.1453	S2	0.0000	-
89	-0.1399	S2	0.0000	-
90	-0.1356	S2	0.0000	-
91	-0.1332	S2	0.0000	-
92	-0.1334	S2	0.0000	-
93	-0.1362	S2	0.0000	-
94	-0.1409	S2	0.0000	-
95	-0.1465	S2	0.0000	-
96	-0.1523	S2	0.0000	-
97	-0.1717	S2	0.0000	-
98	-0.1627	S2	0.0000	-
99	-0.1540	S2	0.0000	-
100	-0.1463	S2	0.0000	-

C2 - SERVICE REACTION ENVELOPES:
==========
Units --> Force (kip), Moment (kip-ft)

Node	Soil Fz(+|-)	Soil Ld Comb.	Springs Fz(+|-)	Springs Ld Comb.	Piles Fz(+|-)	Piles Ld Comb.
1	0.889	S2	-		-	
	0.000	-	-		-	
2	1.642	S2	-		-	
	0.000	-	-		-	
3	1.492	S2	-		-	
	0.000	-	-		-	
4	1.340	S2	-		-	
	0.000	-	-		-	
5	1.201	S2	-		-	
	0.000	-	-		-	
6	1.087	S2	-		-	
	0.000	-	-		-	
7	0.999	S2	-		-	
	0.000	-	-		-	
8	0.940	S2	-		-	
	0.000	-	-		-	
9	0.906	S2	-		-	
	0.000	-	-		-	
10	0.892	S2	-		-	
	0.000	-	-		-	
11	0.892	S2	-		-	
	0.000	-	-		-	
12	1.123	S2	-		-	
	0.000	-	-		-	
13	1.359	S2	-		-	
	0.000	-	-		-	
14	1.337	S2	-		-	
	0.000	-	-		-	
15	1.298	S2	-		-	
	0.000	-	-		-	
16	1.250	S2	-		-	
	0.000	-	-		-	
17	1.212	S2	-		-	
	0.000	-	-		-	
18	1.199	S2	-		-	
	0.000	-	-		-	
19	1.224	S2	-		-	
	0.000	-	-		-	
20	1.291	S2	-		-	
	0.000	-	-		-	
21	1.397	S2	-		-	
	0.000	-	-		-	
22	1.530	S2	-		-	
	0.000	-	-		-	
23	1.667	S2	-		-	
	0.000	-	-		-	
24	0.894	S2	-		-	
	0.000	-	-		-	
25	1.702	S2	-		-	
	0.000	-	-		-	
26	3.157	S2	-		-	
	0.000	-	-		-	
27	2.884	S2	-		-	
	0.000	-	-		-	
28	2.619	S2	-		-	
	0.000	-	-		-	
29	2.387	S2	-		-	
	0.000	-	-		-	

C2 - SERVICE REACTION ENVELOPES:
==========
Units --> Force (kip), Moment (kip-ft)

	Soil		Springs		Piles	
Node	Fz(+|-)	Ld Comb.	Fz(+|-)	Ld Comb.	Fz(+|-)	Ld Comb.
30	2.201	S2	-		-	
	0.000	-	-		-	
31	2.069	S2	-		-	
	0.000	-	-		-	
32	1.989	S2	-		-	
	0.000	-	-		-	
33	1.956	S2	-		-	
	0.000	-	-		-	
34	1.959	S2	-		-	
	0.000	-	-		-	
35	1.985	S2	-		-	
	0.000	-	-		-	
36	2.520	S2	-		-	
	0.000	-	-		-	
37	3.069	S2	-		-	
	0.000	-	-		-	
38	3.034	S2	-		-	
	0.000	-	-		-	
39	2.960	S2	-		-	
	0.000	-	-		-	
40	2.858	S2	-		-	
	0.000	-	-		-	
41	2.766	S2	-		-	
	0.000	-	-		-	
42	2.717	S2	-		-	
	0.000	-	-		-	
43	2.733	S2	-		-	
	0.000	-	-		-	
44	2.825	S2	-		-	
	0.000	-	-		-	
45	2.991	S2	-		-	
	0.000	-	-		-	
46	3.215	S2	-		-	
	0.000	-	-		-	
47	3.459	S2	-		-	
	0.000	-	-		-	
48	1.834	S2	-		-	
	0.000	-	-		-	
49	1.610	S2	-		-	
	0.000	-	-		-	
50	2.999	S2	-		-	
	0.000	-	-		-	
51	2.771	S2	-		-	
	0.000	-	-		-	
52	2.553	S2	-		-	
	0.000	-	-		-	
53	2.367	S2	-		-	
	0.000	-	-		-	
54	2.226	S2	-		-	
	0.000	-	-		-	
55	2.136	S2	-		-	
	0.000	-	-		-	
56	2.096	S2	-		-	
	0.000	-	-		-	
57	2.100	S2	-		-	
	0.000	-	-		-	
58	2.137	S2	-		-	
	0.000	-	-		-	

C2 - SERVICE REACTION ENVELOPES:
==========
Units --> Force (kip), Moment (kip-ft)

	Soil		Springs		Piles	
Node	Fz(+|-)	Ld Comb.	Fz(+|-)	Ld Comb.	Fz(+|-)	Ld Comb.
59	2.190	S2	-		-	
	0.000	-	-		-	
60	2.800	S2	-		-	
	0.000	-	-		-	
61	3.425	S2	-		-	
	0.000	-	-		-	
62	3.411	S2	-		-	
	0.000	-	-		-	
63	3.341	S2	-		-	
	0.000	-	-		-	
64	3.230	S2	-		-	
	0.000	-	-		-	
65	3.120	S2	-		-	
	0.000	-	-		-	
66	3.042	S2	-		-	
	0.000	-	-		-	
67	3.022	S2	-		-	
	0.000	-	-		-	
68	3.070	S2	-		-	
	0.000	-	-		-	
69	3.188	S2	-		-	
	0.000	-	-		-	
70	3.358	S2	-		-	
	0.000	-	-		-	
71	3.548	S2	-		-	
	0.000	-	-		-	
72	1.865	S2	-		-	
	0.000	-	-		-	
73	1.515	S2	-		-	
	0.000	-	-		-	
74	2.844	S2	-		-	
	0.000	-	-		-	
75	2.660	S2	-		-	
	0.000	-	-		-	
76	2.489	S2	-		-	
	0.000	-	-		-	
77	2.349	S2	-		-	
	0.000	-	-		-	
78	2.253	S2	-		-	
	0.000	-	-		-	
79	2.206	S2	-		-	
	0.000	-	-		-	
80	2.207	S2	-		-	
	0.000	-	-		-	
81	2.250	S2	-		-	
	0.000	-	-		-	
82	2.323	S2	-		-	
	0.000	-	-		-	
83	2.406	S2	-		-	
	0.000	-	-		-	
84	3.096	S2	-		-	
	0.000	-	-		-	
85	3.811	S2	-		-	
	0.000	-	-		-	
86	3.821	S2	-		-	
	0.000	-	-		-	
87	3.754	S2	-		-	
	0.000	-	-		-	

C2 - SERVICE REACTION ENVELOPES:
==========
Units --> Force (kip), Moment (kip-ft)

	Soil		Springs		Piles	
Node	Fz(+|-)	Ld Comb.	Fz(+|-)	Ld Comb.	Fz(+|-)	Ld Comb.
88	3.632	S2	-		-	
	0.000	-	-		-	
89	3.498	S2	-		-	
	0.000	-	-		-	
90	3.389	S2	-		-	
	0.000	-	-		-	
91	3.331	S2	-		-	
	0.000	-	-		-	
92	3.336	S2	-		-	
	0.000	-	-		-	
93	3.404	S2	-		-	
	0.000	-	-		-	
94	3.521	S2	-		-	
	0.000	-	-		-	
95	3.663	S2	-		-	
	0.000	-	-		-	
96	1.903	S2	-		-	
	0.000	-	-		-	
97	1.431	S2	-		-	
	0.000	-	-		-	
98	2.712	S2	-		-	
	0.000	-	-		-	
99	2.566	S2	-		-	
	0.000	-	-		-	
100	2.438	S2	-		-	
	0.000	-	-		-	

	Restraints					
Node	Fz(+|-)	Ld Comb.	Mx(+|-)	Ld Comb.	My(+|-)	Ld Comb.

	Slaved Nodes					
Node	Fz(+|-)	Ld Comb.	Mx(+|-)	Ld Comb.	My(+|-)	Ld Comb.

C2 - ULTIMATE REACTION ENVELOPES:
==========
Units --> Force (kip), Moment (kip-ft)

	Soil		Springs		Piles	
Node	Fz(+|-)	Ld Comb.	Fz(+|-)	Ld Comb.	Fz(+|-)	Ld Comb.
1	1.087	U2	-		-	
	0.000	-	-		-	
2	2.003	U2	-		-	
	0.000	-	-		-	
3	1.815	U2	-		-	
	0.000	-	-		-	
4	1.624	U2	-		-	
	0.000	-	-		-	
5	1.451	U2	-		-	
	0.000	-	-		-	
6	1.307	U2	-		-	
	0.000	-	-		-	
7	1.196	U2	-		-	
	0.000	-	-		-	
8	1.120	U2	-		-	
	0.000	-	-		-	
9	1.075	U2	-		-	
	0.000	-	-		-	
10	1.056	U5	-		-	
	0.000	-	-		-	
11	1.056	U5	-		-	
	0.000	-	-		-	
12	1.330	U5	-		-	
	0.000	-	-		-	
13	1.609	U5	-		-	
	0.000	-	-		-	
14	1.583	U5	-		-	
	0.000	-	-		-	
15	1.537	U5	-		-	
	0.000	-	-		-	
16	1.479	U5	-		-	
	0.000	-	-		-	
17	1.437	U2	-		-	
	0.000	-	-		-	
18	1.429	U2	-		-	
	0.000	-	-		-	
19	1.467	U2	-		-	
	0.000	-	-		-	
20	1.557	U2	-		-	
	0.000	-	-		-	
21	1.695	U2	-		-	
	0.000	-	-		-	
22	1.867	U2	-		-	
	0.000	-	-		-	
23	2.044	U2	-		-	
	0.000	-	-		-	
24	1.100	U2	-		-	
	0.000	-	-		-	
25	2.082	U2	-		-	
	0.000	-	-		-	
26	3.852	U2	-		-	
	0.000	-	-		-	
27	3.509	U2	-		-	
	0.000	-	-		-	
28	3.175	U2	-		-	
	0.000	-	-		-	
29	2.881	U2	-		-	
	0.000	-	-		-	

C2 - ULTIMATE REACTION ENVELOPES:
==========
Units --> Force (kip), Moment (kip-ft)

	Soil		Springs		Piles	
Node	Fz(+|-)	Ld Comb.	Fz(+|-)	Ld Comb.	Fz(+|-)	Ld Comb.
30	2.645	U2	-		-	
	0.000	-	-		-	
31	2.474	U2	-		-	
	0.000	-	-		-	
32	2.367	U2	-		-	
	0.000	-	-		-	
33	2.319	U2	-		-	
	0.000	-	-		-	
34	2.319	U5	-		-	
	0.000	-	-		-	
35	2.350	U5	-		-	
	0.000	-	-		-	
36	2.985	U5	-		-	
	0.000	-	-		-	
37	3.635	U5	-		-	
	0.000	-	-		-	
38	3.594	U5	-		-	
	0.000	-	-		-	
39	3.505	U5	-		-	
	0.000	-	-		-	
40	3.382	U5	-		-	
	0.000	-	-		-	
41	3.282	U2	-		-	
	0.000	-	-		-	
42	3.238	U2	-		-	
	0.000	-	-		-	
43	3.275	U2	-		-	
	0.000	-	-		-	
44	3.405	U2	-		-	
	0.000	-	-		-	
45	3.627	U2	-		-	
	0.000	-	-		-	
46	3.920	U2	-		-	
	0.000	-	-		-	
47	4.238	U2	-		-	
	0.000	-	-		-	
48	2.257	U2	-		-	
	0.000	-	-		-	
49	1.971	U2	-		-	
	0.000	-	-		-	
50	3.661	U2	-		-	
	0.000	-	-		-	
51	3.371	U2	-		-	
	0.000	-	-		-	
52	3.094	U2	-		-	
	0.000	-	-		-	
53	2.855	U2	-		-	
	0.000	-	-		-	
54	2.672	U2	-		-	
	0.000	-	-		-	
55	2.552	U2	-		-	
	0.000	-	-		-	
56	2.493	U2	-		-	
	0.000	-	-		-	
57	2.488	U2	-		-	
	0.000	-	-		-	
58	2.530	U5	-		-	
	0.000	-	-		-	

C2 - ULTIMATE REACTION ENVELOPES:
==========
Units --> Force (kip), Moment (kip-ft)

	Soil		Springs		Piles	
Node	Fz(+|-)	Ld Comb.	Fz(+|-)	Ld Comb.	Fz(+|-)	Ld Comb.
59	2.594	U5	-		-	
	0.000	-	-		-	
60	3.318	U5	-		-	
	0.000	-	-		-	
61	4.058	U5	-		-	
	0.000	-	-		-	
62	4.041	U5	-		-	
	0.000	-	-		-	
63	3.957	U5	-		-	
	0.000	-	-		-	
64	3.823	U5	-		-	
	0.000	-	-		-	
65	3.701	U2	-		-	
	0.000	-	-		-	
66	3.624	U2	-		-	
	0.000	-	-		-	
67	3.618	U2	-		-	
	0.000	-	-		-	
68	3.698	U2	-		-	
	0.000	-	-		-	
69	3.862	U2	-		-	
	0.000	-	-		-	
70	4.092	U2	-		-	
	0.000	-	-		-	
71	4.347	U2	-		-	
	0.000	-	-		-	
72	2.295	U2	-		-	
	0.000	-	-		-	
73	1.855	U2	-		-	
	0.000	-	-		-	
74	3.472	U2	-		-	
	0.000	-	-		-	
75	3.234	U2	-		-	
	0.000	-	-		-	
76	3.014	U2	-		-	
	0.000	-	-		-	
77	2.832	U2	-		-	
	0.000	-	-		-	
78	2.702	U2	-		-	
	0.000	-	-		-	
79	2.632	U2	-		-	
	0.000	-	-		-	
80	2.623	U2	-		-	
	0.000	-	-		-	
81	2.665	U2	-		-	
	0.000	-	-		-	
82	2.751	U5	-		-	
	0.000	-	-		-	
83	2.851	U5	-		-	
	0.000	-	-		-	
84	3.670	U5	-		-	
	0.000	-	-		-	
85	4.517	U5	-		-	
	0.000	-	-		-	
86	4.527	U5	-		-	
	0.000	-	-		-	
87	4.447	U5	-		-	
	0.000	-	-		-	

C2 - ULTIMATE REACTION ENVELOPES:
==========
Units --> Force (kip), Moment (kip-ft)

	Soil		Springs		Piles	
Node	Fz(+|-)	Ld Comb.	Fz(+|-)	Ld Comb.	Fz(+|-)	Ld Comb.
88	4.299	U5	-		-	
	0.000	-	-		-	
89	4.151	U2	-		-	
	0.000	-	-		-	
90	4.037	U2	-		-	
	0.000	-	-		-	
91	3.987	U2	-		-	
	0.000	-	-		-	
92	4.015	U2	-		-	
	0.000	-	-		-	
93	4.121	U2	-		-	
	0.000	-	-		-	
94	4.287	U2	-		-	
	0.000	-	-		-	
95	4.483	U2	-		-	
	0.000	-	-		-	
96	2.341	U2	-		-	
	0.000	-	-		-	
97	1.753	U2	-		-	
	0.000	-	-		-	
98	3.310	U2	-		-	
	0.000	-	-		-	
99	3.119	U2	-		-	
	0.000	-	-		-	
100	2.950	U2	-		-	
	0.000	-	-		-	

	Restraints					
Node	Fz(+|-)	Ld Comb.	Mx(+|-)	Ld Comb.	My(+|-)	Ld Comb.

	Slaved Nodes					
Node	Fz(+|-)	Ld Comb.	Mx(+|-)	Ld Comb.	My(+|-)	Ld Comb.

C3 - SOIL DISPLACEMENT AND PRESSURE ENVELOPES:
==========

Units --> Displacement, Dz (in) - Pressure, Qz (ksf)
Flags --> [x] Indicates allowable pressure is exceeded.

	Compression				Tension
Elem	Dz	Qz	Node	Ld Comb.	Dz
1	-0.2134	-0.889	1	S2	0.0000
2	-0.1971	-0.821	2	S2	0.0000
3	-0.1791	-0.746	3	S2	0.0000
4	-0.1607	-0.670	4	S2	0.0000
5	-0.1442	-0.601	5	S2	0.0000
6	-0.1321	-0.550	30	S2	0.0000
7	-0.1241	-0.517	31	S2	0.0000
8	-0.1193	-0.497	32	S2	0.0000
9	-0.1176	-0.490	34	S2	0.0000
10	-0.1191	-0.496	35	S2	0.0000
11	-0.1210	-0.504	36	S2	0.0000
12	-0.1227	-0.511	37	S2	0.0000
13	-0.1227	-0.511	37	S2	0.0000
14	-0.1214	-0.759	38	S2	0.0000
15	-0.1184	-0.740	39	S2	0.0000
16	-0.1143	-0.715	40	S2	0.0000
17	-0.1107	-0.692	41	S2	0.0000
18	-0.1093	-0.683	43	S2	0.0000
19	-0.1130	-0.706	44	S2	0.0000
20	-0.1196	-0.748	45	S2	0.0000
21	-0.1286	-0.804	46	S2	0.0000
22	-0.1384	-0.865	47	S2	0.0000
23	-0.1467	-0.917	48	S2	0.0000
24	-0.2042	-0.851	25	S2	0.0000
25	-0.1894	-0.789	26	S2	0.0000
26	-0.1730	-0.721	27	S2	0.0000
27	-0.1571	-0.655	28	S2	0.0000
28	-0.1432	-0.597	29	S2	0.0000
29	-0.1336	-0.557	54	S2	0.0000
30	-0.1282	-0.534	55	S2	0.0000
31	-0.1260	-0.525	57	S2	0.0000
32	-0.1282	-0.534	58	S2	0.0000
33	-0.1314	-0.547	59	S2	0.0000
34	-0.1344	-0.560	60	S2	0.0000
35	-0.1370	-0.571	61	S2	0.0000
36	-0.1370	-0.571	61	S2	0.0000
37	-0.1364	-0.853	62	S2	0.0000
38	-0.1336	-0.835	63	S2	0.0000
39	-0.1292	-0.808	64	S2	0.0000
40	-0.1248	-0.780	65	S2	0.0000
41	-0.1217	-0.761	66	S2	0.0000
42	-0.1228	-0.768	68	S2	0.0000
43	-0.1275	-0.797	69	S2	0.0000
44	-0.1343	-0.839	70	S2	0.0000
45	-0.1419	-0.887	71	S2	0.0000
46	-0.1492	-0.932	72	S2	0.0000
47	-0.1932	-0.805	49	S2	0.0000
48	-0.1800	-0.750	50	S2	0.0000
49	-0.1663	-0.693	51	S2	0.0000
50	-0.1532	-0.638	52	S2	0.0000
51	-0.1420	-0.592	53	S2	0.0000
52	-0.1352	-0.563	78	S2	0.0000
53	-0.1324	-0.552	80	S2	0.0000
54	-0.1350	-0.563	81	S2	0.0000
55	-0.1394	-0.581	82	S2	0.0000
56	-0.1444	-0.602	83	S2	0.0000
57	-0.1486	-0.619	84	S2	0.0000
58	-0.1525	-0.635	85	S2	0.0000

C3 - SOIL DISPLACEMENT AND PRESSURE ENVELOPES:

Units --> Displacement, Dz (in) - Pressure, Qz (ksf)
Flags --> [x] Indicates allowable pressure is exceeded.

	Compression				Tension
Elem	Dz	Qz	Node	Ld Comb.	Dz
59	-0.1528	-0.637	86	S2	0.0000
60	-0.1528	-0.955	86	S2	0.0000
61	-0.1502	-0.939	87	S2	0.0000
62	-0.1453	-0.908	88	S2	0.0000
63	-0.1399	-0.875	89	S2	0.0000
64	-0.1356	-0.847	90	S2	0.0000
65	-0.1334	-0.834	92	S2	0.0000
66	-0.1362	-0.851	93	S2	0.0000
67	-0.1409	-0.880	94	S2	0.0000
68	-0.1465	-0.916	95	S2	0.0000
69	-0.1523	-0.952	96	S2	0.0000
70	-0.1818	-0.757	73	S2	0.0000
71	-0.1706	-0.711	74	S2	0.0000
72	-0.1596	-0.665	75	S2	0.0000
73	-0.1493	-0.622	76	S2	0.0000
74	-0.1410	-0.587	77	S2	0.0000
75	-0.1372	-0.572	102	S2	0.0000
76	-0.1395	-0.581	104	S2	0.0000
77	-0.1445	-0.602	105	S2	0.0000
78	-0.1512	-0.630	106	S2	0.0000
79	-0.1583	-0.660	107	S2	0.0000
80	-0.1642	-0.684	108	S2	0.0000
81	-0.1697	-0.707	109	S2	0.0000
82	-0.1711	-0.713	110	S2	0.0000
83	-0.1711	-1.069	110	S2	0.0000
84	-0.1685	-1.053	111	S2	0.0000
85	-0.1630	-1.019	112	S2	0.0000
86	-0.1566	-0.979	113	S2	0.0000
87	-0.1509	-0.943	114	S2	0.0000
88	-0.1470	-0.919	115	S2	0.0000
89	-0.1467	-0.917	117	S2	0.0000
90	-0.1496	-0.935	118	S2	0.0000
91	-0.1537	-0.961	119	S2	0.0000
92	-0.1581	-0.988	120	S2	0.0000
93	-0.1717	-0.716	97	S2	0.0000
94	-0.1627	-0.678	98	S2	0.0000
95	-0.1540	-0.642	99	S2	0.0000
96	-0.1463	-0.609	100	S2	0.0000
97	-0.1408	-0.586	125	S2	0.0000
98	-0.1419	-0.591	127	S2	0.0000
99	-0.1469	-0.612	128	S2	0.0000
100	-0.1546	-0.644	129	S2	0.0000

C4a - ELEMENT TOP MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
1	26	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	2	X	-	-	-	-	-	-	-	-
		Y	U5	-19.24	1.01	9.70	4.91	-23.13	68.1	5.90
	25	X	U2	0.58	-19.84	9.21	4.12	-23.38	21.0	4.86
		Y	-	-	-	-	-	-	-	-
	1	X	U2	0.24	0.09	8.99	9.16	-8.82	44.7	9.23
		Y	U2	0.24	0.09	8.99	9.16	-8.82	44.7	9.08
2	27	X	U5	6.29	-7.13	17.26	18.09	-18.94	34.4	23.54
		Y	U5	6.29	-7.13	17.26	18.09	-18.94	34.4	10.13
	3	X	U5	-2.76	-0.95	12.24	10.42	-14.13	47.1	9.48
		Y	U2	-2.83	-0.73	12.29	10.55	-14.12	47.4	11.56
	26	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	2	X	-	-	-	-	-	-	-	-
		Y	U5	-18.15	1.17	9.07	4.77	-21.74	68.4	5.71
3	28	X	U2	15.24	-1.15	18.21	27.01	-12.92	32.9	33.44
		Y	U2	15.24	-1.15	18.21	27.01	-12.92	32.9	17.06
	4	X	U2	15.37	0.00	16.64	26.01	-10.64	32.6	32.01
		Y	U2	15.37	0.00	16.64	26.01	-10.64	32.6	16.64
	27	X	U2	5.22	-8.26	14.54	14.50	-17.54	32.6	19.76
		Y	U5	4.94	-7.33	14.45	14.50	-16.90	33.5	7.12
	3	X	U2	-2.04	-0.61	12.97	11.66	-14.31	46.6	10.92
		Y	U2	-2.04	-0.61	12.97	11.66	-14.31	46.6	12.35
4	29	X	U2	22.20	1.29	17.74	32.34	-8.84	29.7	39.94
		Y	U2	22.20	1.29	17.74	32.34	-8.84	29.7	19.03
	5	X	U2	22.94	0.07	17.59	32.49	-9.48	28.5	40.53
		Y	U2	22.94	0.07	17.59	32.49	-9.48	28.5	17.66
	28	X	U2	16.12	-1.02	17.12	26.70	-11.60	31.7	33.24
		Y	U2	16.12	-1.02	17.12	26.70	-11.60	31.7	16.11
	4	X	U2	13.91	-0.22	16.98	25.23	-11.54	33.7	30.88
		Y	U2	13.91	-0.22	16.98	25.23	-11.54	33.7	16.76
5	30	X	U2	25.35	2.23	16.95	34.31	-6.73	27.9	42.30
		Y	U2	25.35	2.23	16.95	34.31	-6.73	27.9	19.19
	6	X	U2	26.30	0.06	16.97	34.64	-8.27	26.2	43.28
		Y	U2	26.30	0.06	16.97	34.64	-8.27	26.2	17.04
	29	X	U2	22.50	1.34	17.55	32.41	-8.57	29.5	40.04
		Y	U2	22.50	1.34	17.55	32.41	-8.57	29.5	18.88
	5	X	U2	22.38	-0.01	17.57	32.02	-9.65	28.7	39.95
		Y	U2	22.38	-0.01	17.57	32.02	-9.65	28.7	17.56
6	31	X	U2	25.38	2.65	15.93	33.58	-5.56	27.2	41.31
		Y	U2	25.38	2.65	15.93	33.58	-5.56	27.2	18.58
	7	X	U2	26.49	0.06	15.77	33.85	-7.30	25.0	42.26
		Y	U2	26.49	0.06	15.77	33.85	-7.30	25.0	15.83
	30	X	U2	25.45	2.25	17.01	34.43	-6.74	27.9	42.45
		Y	U2	25.45	2.25	17.01	34.43	-6.74	27.9	19.25
	6	X	U2	26.09	0.03	16.84	34.35	-8.24	26.1	42.93
		Y	U2	26.09	0.03	16.84	34.35	-8.24	26.1	16.87
7	32	X	U2	22.79	2.90	14.73	30.61	-4.93	28.0	37.52
		Y	U2	22.79	2.90	14.73	30.61	-4.93	28.0	17.62
	8	X	U2	24.06	0.05	14.29	30.72	-6.61	25.0	38.35
		Y	U2	24.06	0.05	14.29	30.72	-6.61	25.0	14.34
	31	X	U2	25.42	2.65	16.06	33.72	-5.65	27.3	41.47
		Y	U2	25.42	2.65	16.06	33.72	-5.65	27.3	18.71
	7	X	U2	26.39	0.04	15.62	33.65	-7.22	24.9	42.01
		Y	U2	26.39	0.04	15.62	33.65	-7.22	24.9	15.66

C4a - ELEMENT TOP MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
8	33	X	U2	18.00	3.10	13.31	25.80	-4.71	30.4	31.31
		Y	U2	18.00	3.10	13.31	25.80	-4.71	30.4	16.41
	9	X	U2	19.47	0.03	12.62	25.68	-6.18	26.2	32.09
		Y	U2	19.47	0.03	12.62	25.68	-6.18	26.2	12.65
	32	X	U2	22.80	2.90	14.85	30.72	-5.03	28.1	37.65
		Y	U2	22.80	2.90	14.85	30.72	-5.03	28.1	17.75
	8	X	U2	23.98	0.04	14.16	30.55	-6.53	24.9	38.14
		Y	U2	23.98	0.04	14.16	30.55	-6.53	24.9	14.20
9	34	X	U2	11.55	3.14	11.62	19.70	-5.01	35.1	23.17
		Y	U2	11.55	3.14	11.62	19.70	-5.01	35.1	14.76
	10	X	U2	13.23	0.00	10.78	19.27	-6.03	29.2	24.02
		Y	U2	13.23	0.00	10.78	19.27	-6.03	29.2	10.79
	33	X	U2	17.98	3.09	13.37	25.84	-4.77	30.5	31.35
		Y	U2	17.98	3.09	13.37	25.84	-4.77	30.5	16.47
	9	X	U2	19.40	0.02	12.54	25.56	-6.14	26.2	31.94
		Y	U2	19.40	0.02	12.54	25.56	-6.14	26.2	12.56
10	35	X	U2	4.20	2.67	9.45	12.92	-6.05	42.7	13.65
		Y	U2	4.20	2.67	9.45	12.92	-6.05	42.7	12.13
	11	X	U2	6.33	-0.18	8.81	12.46	-6.31	34.9	15.13
		Y	U2	6.33	-0.18	8.81	12.46	-6.31	34.9	8.63
	34	X	U2	11.47	3.13	11.50	19.53	-4.94	35.0	22.97
		Y	U2	11.47	3.13	11.50	19.53	-4.94	35.0	14.63
	10	X	U2	13.15	-0.01	10.85	19.27	-6.12	29.4	24.01
		Y	U2	13.15	-0.01	10.85	19.27	-6.12	29.4	10.85
11	36	X	U8	-2.36	0.06	3.23	2.30	-4.60	55.3	0.87
		Y	U2	-4.25	0.48	4.69	3.37	-7.14	58.4	5.17
	12	X	U2	4.25	0.53	4.65	7.40	-2.62	34.1	8.90
		Y	U2	4.25	0.53	4.65	7.40	-2.62	34.1	5.19
	35	X	U2	4.39	2.70	9.03	12.61	-5.52	42.3	13.42
		Y	U2	4.39	2.70	9.03	12.61	-5.52	42.3	11.73
	11	X	U2	5.41	-0.31	8.98	11.98	-6.88	36.2	14.40
		Y	U5	4.03	-0.28	8.97	11.10	-7.36	38.2	8.69
12	37	X	-	-	-	-	-	-	-	-
		Y	U9	-11.51	-0.65	2.79	0.03	-12.19	76.4	0.03
	13	X	-	-	-	-	-	-	-	-
		Y	U5	-39.84	0.54	8.26	2.16	-41.47	78.9	2.25
	36	X	U2	-2.90	3.32	15.68	16.19	-15.77	50.6	12.78
		Y	U5	-4.13	4.45	14.99	15.75	-15.44	53.0	19.44
	12	X	U2	0.84	-0.22	15.58	15.90	-15.28	44.0	16.42
		Y	U2	0.84	-0.22	15.58	15.90	-15.28	44.0	15.36
13	38	X	-	-	-	-	-	-	-	-
		Y	U5	-20.06	13.97	7.88	15.70	-21.80	77.6	17.06
	14	X	-	-	-	-	-	-	-	-
		Y	U8	-15.32	0.16	2.23	0.48	-15.64	82.0	0.49
	37	X	-	-	-	-	-	-	-	-
		Y	U9	-11.63	-0.67	2.88	0.04	-12.34	76.2	0.04
	13	X	-	-	-	-	-	-	-	-
		Y	U5	-38.39	0.76	7.43	2.12	-39.75	79.6	2.20
14	39	X	-	-	-	-	-	-	-	-
		Y	U2	-7.10	3.96	-0.01	3.96	-7.10	-89.9	3.96
	15	X	-	-	-	-	-	-	-	-
		Y	U5	-5.75	0.24	-0.33	0.26	-5.77	-86.8	0.26
	38	X	-	-	-	-	-	-	-	-
		Y	U5	-21.13	1.86	1.31	1.94	-21.21	86.7	1.94
	14	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
15	40	X	U2	5.18	5.10	-2.96	8.10	2.17	-44.6	8.14
		Y	U5	3.80	5.02	-3.16	7.63	1.18	-50.5	8.18
	16	X	U2	7.58	-0.00	-1.77	7.98	-0.40	-12.5	9.35
		Y	U5	6.18	-0.01	-1.98	6.76	-0.59	-16.3	1.97
	39	X	-	-	-	-	-	-	-	-
		Y	U2	-6.73	4.01	-0.59	4.04	-6.76	-86.9	4.06
	15	X	-	-	-	-	-	-	-	-
		Y	U2	-5.01	0.14	0.60	0.21	-5.08	83.4	0.22

C4a - ELEMENT TOP MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
16	41	X	U2	14.94	5.28	-5.61	17.52	2.71	-24.6	20.55
		Y	U5	13.49	5.17	-5.80	16.46	2.19	-27.2	10.96
	17	X	U2	17.15	0.05	-4.46	18.24	-1.04	-13.8	21.60
		Y	U5	15.66	0.05	-4.64	16.93	-1.22	-15.4	4.69
	40	X	U2	5.30	5.11	-3.03	8.24	2.17	-44.1	8.33
		Y	U5	3.91	5.04	-3.25	7.77	1.18	-49.9	8.28
	16	X	U2	7.46	-0.02	-1.88	7.91	-0.47	-13.3	9.34
		Y	U5	6.08	-0.03	-2.09	6.72	-0.68	-17.2	2.06
17	42	X	U2	21.76	5.18	-7.98	24.97	1.96	-21.9	29.73
		Y	U5	20.30	5.05	-8.11	23.81	1.54	-23.4	13.17
	18	X	U2	23.68	0.06	-7.06	25.63	-1.89	-15.4	30.75
		Y	U5	22.18	0.06	-7.20	24.32	-2.08	-16.5	7.25
	41	X	U2	14.98	5.28	-5.51	17.47	2.79	-24.3	20.48
		Y	U5	13.52	5.17	-5.69	16.40	2.29	-26.9	10.86
	17	X	U2	17.17	0.06	-4.59	18.33	-1.10	-14.1	21.77
		Y	U5	15.69	0.06	-4.77	17.03	-1.28	-15.7	4.83
18	43	X	U2	25.10	4.82	-10.03	29.22	0.70	-22.3	35.13
		Y	U2	25.10	4.82	-10.03	29.22	0.70	-22.3	14.85
	19	X	U2	26.64	0.05	-9.46	29.67	-2.97	-17.7	36.10
		Y	U5	25.21	0.05	-9.55	28.43	-3.16	-18.6	9.60
	42	X	U2	21.74	5.17	-7.82	24.85	2.06	-21.7	29.56
		Y	U5	20.28	5.05	-7.96	23.68	1.65	-23.1	13.01
	18	X	U2	23.79	0.07	-7.25	25.83	-1.97	-15.7	31.04
		Y	U5	22.29	0.07	-7.39	24.52	-2.16	-16.8	7.46
19	44	X	U2	24.49	3.98	-11.61	29.72	-1.26	-24.3	36.09
		Y	U5	23.23	3.94	-11.67	28.72	-1.55	-25.2	15.61
	20	X	U2	25.25	0.01	-11.36	29.61	-4.34	-21.0	36.60
		Y	U5	24.00	0.01	-11.42	28.57	-4.56	-21.8	11.43
	43	X	U2	25.01	4.81	-9.91	29.06	0.76	-22.2	34.92
		Y	U2	25.01	4.81	-9.91	29.06	0.76	-22.2	14.72
	19	X	U2	26.86	0.08	-9.65	29.98	-3.03	-17.9	36.52
		Y	U5	25.42	0.09	-9.74	28.74	-3.23	-18.8	9.83
20	45	X	U2	19.37	1.75	-12.22	25.62	-4.50	-27.1	31.59
		Y	U5	18.37	1.79	-12.31	24.92	-4.76	-28.0	14.10
	21	X	U2	18.07	-0.19	-11.96	23.99	-6.11	-26.3	30.03
		Y	U5	17.19	-0.11	-12.08	23.40	-6.32	-27.2	11.97
	44	X	U2	24.20	3.93	-11.71	29.55	-1.42	-24.6	35.91
		Y	U5	22.96	3.90	-11.77	28.57	-1.71	-25.5	15.67
	20	X	U2	25.80	0.10	-11.46	30.17	-4.27	-20.9	37.26
		Y	U5	24.53	0.08	-11.54	29.12	-4.50	-21.7	11.62
21	46	X	U2	8.60	-5.24	-10.69	14.42	-11.06	-28.5	19.30
		Y	U5	8.11	-4.42	-10.81	14.33	-10.65	-29.9	6.38
	22	X	U2	2.32	-0.58	-9.21	10.20	-8.46	-40.5	11.53
		Y	U2	2.32	-0.58	-9.21	10.20	-8.46	-40.5	8.64
	45	X	U2	18.51	1.62	-13.19	25.73	-5.60	-28.7	31.70
		Y	U5	17.54	1.66	-13.15	24.96	-5.76	-29.4	14.82
	21	X	U2	19.50	0.03	-11.71	25.00	-5.46	-25.1	31.22
		Y	U5	18.57	0.09	-11.81	24.32	-5.66	-26.0	11.90
22	47	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	23	X	-	-	-	-	-	-	-	-
		Y	U5	-15.04	1.29	-6.84	3.78	-17.53	-70.0	4.40
	46	X	U5	9.48	-4.22	-13.47	17.75	-12.48	-31.5	22.96
		Y	U5	9.48	-4.22	-13.47	17.75	-12.48	-31.5	9.26
	22	X	U2	1.48	-0.70	-8.67	9.13	-8.35	-41.4	10.16
		Y	U2	1.48	-0.70	-8.67	9.13	-8.35	-41.4	7.97
23	48	X	U2	0.72	-15.25	-7.12	3.43	-17.96	-20.8	4.04
		Y	-	-	-	-	-	-	-	-
	24	X	U5	-0.12	-0.72	-7.51	7.09	-7.94	-43.8	7.39
		Y	U2	-0.18	-0.26	-7.57	7.35	-7.79	-44.9	7.31
	47	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	23	X	-	-	-	-	-	-	-	-
		Y	U5	-15.96	1.15	-7.54	4.00	-18.81	-69.3	4.71

C4a - ELEMENT TOP MOMENT ENVELOPES:
==========

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
24	50	X	U5	-5.44	3.63	15.50	15.25	-17.05	53.2	10.06
		Y	U2	-5.97	3.68	15.71	15.29	-17.58	53.5	19.39
	26	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	49	X	U2	-0.72	-4.75	10.91	8.37	-13.83	39.8	10.20
		Y	U5	-0.64	-3.22	10.74	8.89	-12.75	41.6	7.52
	25	X	U2	0.72	-18.92	8.81	4.10	-22.30	21.0	4.83
		Y	-	-	-	-	-	-	-	-
25	51	X	U2	4.45	0.45	19.64	22.19	-17.29	42.1	24.09
		Y	U5	4.17	1.21	19.11	21.85	-16.47	42.8	20.32
	27	X	U5	6.23	-7.54	16.00	16.76	-18.08	33.4	22.23
		Y	U5	6.23	-7.54	16.00	16.76	-18.08	33.4	8.46
	50	X	U5	-5.14	3.68	13.90	13.85	-15.32	53.8	8.77
		Y	U2	-5.66	3.73	14.41	14.18	-16.12	54.0	18.13
	26	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
26	52	X	U2	16.19	2.53	19.31	29.84	-11.12	35.3	35.50
		Y	U2	16.19	2.53	19.31	29.84	-11.12	35.3	21.84
	28	X	U2	15.23	-1.22	16.89	25.78	-11.78	32.0	32.11
		Y	U5	14.52	-0.96	16.68	25.17	-11.61	32.6	15.72
	51	X	U2	5.11	0.55	19.76	22.72	-17.06	41.7	24.87
		Y	U5	4.85	1.31	19.32	22.48	-16.32	42.4	20.64
	27	X	U2	5.26	-7.96	17.33	17.20	-19.90	34.6	22.60
		Y	U5	4.88	-7.74	17.12	16.82	-19.68	34.9	9.38
27	53	X	U2	22.06	3.96	18.25	33.38	-7.36	31.8	40.31
		Y	U2	22.06	3.96	18.25	33.38	-7.36	31.8	22.21
	29	X	U2	22.20	1.24	17.40	32.03	-8.59	29.5	39.59
		Y	U2	22.20	1.24	17.40	32.03	-8.59	29.5	18.64
	52	X	U2	15.88	2.48	18.82	29.16	-10.79	35.2	34.70
		Y	U2	15.88	2.48	18.82	29.16	-10.79	35.2	21.30
	28	X	U2	16.11	-1.09	17.96	27.42	-12.41	32.2	34.07
		Y	U5	15.36	-0.83	17.77	26.80	-12.26	32.8	16.94
28	54	X	U2	24.78	4.59	17.26	34.68	-5.31	29.8	42.04
		Y	U2	24.78	4.59	17.26	34.68	-5.31	29.8	21.85
	30	X	U2	25.35	2.21	16.95	34.30	-6.74	27.8	42.29
		Y	U2	25.35	2.21	16.95	34.30	-6.74	27.8	19.16
	53	X	U2	22.06	3.96	18.03	33.18	-7.16	31.7	40.08
		Y	U2	22.06	3.96	18.03	33.18	-7.16	31.7	21.98
	29	X	U2	22.49	1.29	17.71	32.53	-8.76	29.5	40.20
		Y	U2	22.49	1.29	17.71	32.53	-8.76	29.5	19.00
29	55	X	U2	24.61	4.87	16.36	33.85	-4.37	29.4	40.97
		Y	U2	24.61	4.87	16.36	33.85	-4.37	29.4	21.23
	31	X	U2	25.38	2.64	16.04	33.67	-5.65	27.3	41.42
		Y	U2	25.38	2.64	16.04	33.67	-5.65	27.3	18.69
	54	X	U2	24.80	4.60	17.27	34.71	-5.31	29.8	42.08
		Y	U2	24.80	4.60	17.27	34.71	-5.31	29.8	21.87
	30	X	U2	25.44	2.22	16.96	34.38	-6.72	27.8	42.40
		Y	U2	25.44	2.22	16.96	34.38	-6.72	27.8	19.18
30	56	X	U2	21.79	5.06	15.42	30.97	-4.12	30.8	37.21
		Y	U2	21.79	5.06	15.42	30.97	-4.12	30.8	20.48
	32	X	U2	22.79	2.90	14.87	30.73	-5.04	28.1	37.66
		Y	U2	22.79	2.90	14.87	30.73	-5.04	28.1	17.77
	55	X	U2	24.62	4.87	16.48	33.96	-4.47	29.5	41.11
		Y	U2	24.62	4.87	16.48	33.96	-4.47	29.5	21.35
	31	X	U2	25.42	2.65	15.93	33.62	-5.55	27.2	41.35
		Y	U2	25.42	2.65	15.93	33.62	-5.55	27.2	18.58
31	57	X	U2	16.62	5.26	14.23	26.26	-4.38	34.1	30.85
		Y	U2	16.62	5.26	14.23	26.26	-4.38	34.1	19.50
	33	X	U2	18.00	3.09	13.41	25.89	-4.80	30.5	31.41
		Y	U2	18.00	3.09	13.41	25.89	-4.80	30.5	16.51
	56	X	U2	21.78	5.06	15.56	31.08	-4.24	30.9	37.34
		Y	U2	21.78	5.06	15.56	31.08	-4.24	30.9	20.62
	32	X	U2	22.80	2.90	14.74	30.63	-4.93	28.0	37.54
		Y	U2	22.80	2.90	14.74	30.63	-4.93	28.0	17.64

C4a - ELEMENT TOP MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
32	58	X	U2	9.50	5.34	12.51	20.11	-5.26	40.3	22.01
		Y	U2	9.50	5.34	12.51	20.11	-5.26	40.3	17.86
	34	X	U2	11.54	3.13	11.58	19.66	-4.98	35.0	23.12
		Y	U2	11.54	3.13	11.58	19.66	-4.98	35.0	14.71
	57	X	U2	16.58	5.26	14.30	26.29	-4.46	34.2	30.88
		Y	U2	16.58	5.26	14.30	26.29	-4.46	34.2	19.56
	33	X	U2	17.98	3.09	13.36	25.83	-4.76	30.4	31.34
		Y	U2	17.98	3.09	13.36	25.83	-4.76	30.4	16.45
33	59	X	U2	0.80	4.92	9.74	12.81	-7.09	51.0	10.54
		Y	U2	0.80	4.92	9.74	12.81	-7.09	51.0	14.65
	35	X	U2	4.20	2.65	9.08	12.54	-5.69	42.6	13.28
		Y	U2	4.20	2.65	9.08	12.54	-5.69	42.6	11.73
	58	X	U2	9.45	5.34	12.38	19.94	-5.16	40.3	21.83
		Y	U2	9.45	5.34	12.38	19.94	-5.16	40.3	17.72
	34	X	U2	11.46	3.12	11.73	19.74	-5.16	35.2	23.19
		Y	U2	11.46	3.12	11.73	19.74	-5.16	35.2	14.84
34	60	X	-	-	-	-	-	-	-	-
		Y	U2	-10.70	4.11	4.87	5.57	-12.16	73.3	6.33
	36	X	U8	-2.28	0.55	3.32	2.74	-4.47	56.6	1.03
		Y	U2	-4.23	0.65	4.79	3.59	-7.17	58.5	5.44
	59	X	U2	0.97	4.94	9.55	12.71	-6.80	50.9	10.52
		Y	U2	0.97	4.94	9.55	12.71	-6.80	50.9	14.49
	35	X	U2	4.39	2.68	9.47	13.04	-5.98	42.4	13.86
		Y	U2	4.39	2.68	9.47	13.04	-5.98	42.4	12.15
35	61	X	-	-	-	-	-	-	-	-
		Y	U2	-37.34	28.43	14.18	31.35	-40.27	78.3	33.81
	37	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	60	X	U2	-11.15	17.61	18.07	26.32	-19.86	64.3	6.91
		Y	U5	-12.43	18.17	18.08	26.55	-20.81	65.1	36.25
	36	X	U2	-2.81	3.91	15.88	16.78	-15.68	51.0	13.07
		Y	U2	-2.81	3.91	15.88	16.78	-15.68	51.0	19.79
36	62	X	-	-	-	-	-	-	-	-
		Y	U2	-24.86	28.10	11.13	30.34	-27.11	78.6	33.08
	38	X	-	-	-	-	-	-	-	-
		Y	U2	-19.08	13.09	6.31	14.28	-20.27	79.3	15.18
	61	X	-	-	-	-	-	-	-	-
		Y	U2	-37.70	28.37	13.42	30.99	-40.32	78.9	33.15
	37	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
37	63	X	-	-	-	-	-	-	-	-
		Y	U2	-9.70	8.33	-0.39	8.34	-9.71	-88.8	8.35
	39	X	-	-	-	-	-	-	-	-
		Y	U5	-8.28	4.00	-0.94	4.08	-8.35	-85.7	4.11
	62	X	-	-	-	-	-	-	-	-
		Y	U2	-24.16	5.81	3.04	6.11	-24.46	84.3	6.19
	38	X	-	-	-	-	-	-	-	-
		Y	U2	-20.14	1.71	2.73	2.04	-20.48	83.0	2.08
38	64	X	U2	2.67	9.41	-3.86	11.16	0.92	-65.6	6.53
		Y	U2	2.67	9.41	-3.86	11.16	0.92	-65.6	13.27
	40	X	U2	5.17	5.02	-3.16	8.25	1.94	-44.3	8.32
		Y	U5	3.78	4.93	-3.36	7.77	0.95	-49.9	8.30
	63	X	-	-	-	-	-	-	-	-
		Y	U2	-9.74	8.33	-0.89	8.37	-9.79	-87.2	8.41
	39	X	-	-	-	-	-	-	-	-
		Y	U2	-6.72	4.07	-0.19	4.08	-6.72	-89.0	4.08
39	65	X	U2	12.88	9.81	-6.60	18.12	4.57	-38.4	19.48
		Y	U2	12.88	9.81	-6.60	18.12	4.57	-38.4	16.41
	41	X	U2	14.94	5.27	-5.58	17.49	2.72	-24.5	20.52
		Y	U5	13.49	5.16	-5.76	16.43	2.22	-27.1	10.92
	64	X	U2	2.74	9.42	-4.02	11.30	0.86	-64.9	6.76
		Y	U2	2.74	9.42	-4.02	11.30	0.86	-64.9	13.43
	40	X	U2	5.28	5.04	-2.99	8.16	2.17	-43.8	8.28
		Y	U5	3.90	4.95	-3.21	7.68	1.17	-49.7	8.16

C4a - ELEMENT TOP MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
40	66	X	U2	20.08	9.90	-8.77	25.13	4.85	-29.9	28.85
		Y	U2	20.08	9.90	-8.77	25.13	4.85	-29.9	18.67
	42	X	U2	21.76	5.17	-7.85	24.88	2.04	-21.7	29.60
		Y	U5	20.29	5.04	-7.98	23.71	1.63	-23.2	13.03
	65	X	U2	12.92	9.81	-6.54	18.09	4.64	-38.3	19.47
		Y	U2	12.92	9.81	-6.54	18.09	4.64	-38.3	16.36
	41	X	U2	14.97	5.27	-5.62	17.55	2.70	-24.6	20.60
		Y	U5	13.52	5.16	-5.81	16.50	2.19	-27.1	10.98
41	67	X	U2	23.74	9.80	-10.57	29.43	4.11	-28.3	34.31
		Y	U2	23.74	9.80	-10.57	29.43	4.11	-28.3	20.38
	43	X	U2	25.10	4.80	-9.92	29.14	0.76	-22.2	35.02
		Y	U2	25.10	4.80	-9.92	29.14	0.76	-22.2	14.72
	66	X	U2	20.09	9.90	-8.63	25.02	4.97	-29.7	28.72
		Y	U2	20.09	9.90	-8.63	25.02	4.97	-29.7	18.53
	42	X	U2	21.74	5.16	-7.98	24.95	1.95	-22.0	29.71
		Y	U5	20.28	5.04	-8.12	23.79	1.53	-23.4	13.16
42	68	X	U2	23.42	9.37	-12.19	30.46	2.33	-30.0	35.61
		Y	U2	23.42	9.37	-12.19	30.46	2.33	-30.0	21.56
	44	X	U2	24.48	3.93	-11.68	29.76	-1.35	-24.3	36.16
		Y	U2	24.48	3.93	-11.68	29.76	-1.35	-24.3	15.62
	67	X	U2	23.72	9.80	-10.49	29.35	4.18	-28.2	34.21
		Y	U2	23.72	9.80	-10.49	29.35	4.18	-28.2	20.29
	43	X	U2	25.01	4.79	-9.98	29.11	0.69	-22.3	34.99
		Y	U2	25.01	4.79	-9.98	29.11	0.69	-22.3	14.77
43	69	X	U2	18.55	8.22	-13.77	28.09	-1.32	-34.7	32.32
		Y	U2	18.55	8.22	-13.77	28.09	-1.32	-34.7	21.98
	45	X	U2	19.36	1.69	-12.94	26.20	-5.14	-27.8	32.30
		Y	U5	18.38	1.86	-12.99	25.52	-5.27	-28.8	14.85
	68	X	U2	23.43	9.38	-12.30	30.57	2.24	-30.1	35.73
		Y	U2	23.43	9.38	-12.30	30.57	2.24	-30.1	21.68
	44	X	U2	24.19	3.89	-11.48	29.36	-1.28	-24.3	35.67
		Y	U5	22.95	3.84	-11.56	28.39	-1.61	-25.2	15.40
44	70	X	U2	7.94	6.77	-15.46	22.83	-8.12	-43.9	23.40
		Y	U5	7.49	7.31	-15.27	22.66	-7.87	-44.8	22.57
	46	X	U2	8.65	-4.94	-13.35	16.83	-13.12	-31.5	21.99
		Y	U5	8.04	-4.83	-13.34	16.42	-13.20	-32.1	8.51
	69	X	U2	18.87	8.26	-14.12	28.64	-1.51	-34.7	32.98
		Y	U2	18.87	8.26	-14.12	28.64	-1.51	-34.7	22.38
	45	X	U2	18.50	1.56	-12.00	24.71	-4.66	-27.4	30.49
		Y	U5	17.55	1.74	-12.03	24.04	-4.75	-28.3	13.76
45	71	X	U5	-3.40	10.35	-10.50	16.03	-9.08	-61.6	7.10
		Y	U2	-3.81	10.68	-10.80	16.44	-9.57	-61.9	21.48
	47	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	70	X	U2	7.28	6.67	-15.17	22.15	-8.19	-44.4	22.45
		Y	U5	6.80	7.20	-14.88	21.89	-7.88	-45.4	22.08
	46	X	U5	9.42	-4.62	-12.39	16.64	-11.84	-30.2	21.81
		Y	U5	9.42	-4.62	-12.39	16.64	-11.84	-30.2	7.76
46	72	X	U5	-0.63	4.22	-7.80	9.96	-6.38	-53.6	7.17
		Y	U5	-0.63	4.22	-7.80	9.96	-6.38	-53.6	12.02
	48	X	U2	0.84	-14.48	-6.72	3.37	-17.01	-20.6	3.95
		Y	-	-	-	-	-	-	-	-
	71	X	U5	-3.71	10.30	-11.95	17.15	-10.56	-60.2	8.24
		Y	U2	-4.12	10.63	-11.94	17.29	-10.78	-60.9	22.58
	47	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
47	74	X	U2	1.48	10.82	15.97	22.79	-10.49	53.2	17.45
		Y	U2	1.48	10.82	15.97	22.79	-10.49	53.2	26.79
	50	X	U5	-5.56	2.80	13.30	12.56	-15.32	53.7	7.74
		Y	U5	-5.56	2.80	13.30	12.56	-15.32	53.7	16.10
	73	X	U2	-0.00	12.28	14.00	21.42	-9.15	56.8	14.00
		Y	U2	-0.00	12.28	14.00	21.42	-9.15	56.8	26.28
	49	X	U2	-0.62	-4.10	11.60	9.38	-14.09	40.7	10.98
		Y	U5	-0.64	-3.18	11.44	9.60	-13.42	41.8	8.26

C4a - ELEMENT TOP MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
48	75	X	U2	7.59	10.37	17.94	26.98	-9.02	47.2	25.54
		Y	U2	7.59	10.37	17.94	26.98	-9.02	47.2	28.32
	51	X	U2	4.55	1.09	19.75	22.64	-17.00	42.5	24.30
		Y	U2	4.55	1.09	19.75	22.64	-17.00	42.5	20.83
	74	X	U2	1.40	10.81	14.62	21.46	-9.26	53.9	16.02
		Y	U2	1.40	10.81	14.62	21.46	-9.26	53.9	25.43
	50	X	U5	-5.26	2.84	15.99	15.29	-17.70	52.1	10.73
		Y	U5	-5.26	2.84	15.99	15.29	-17.70	52.1	18.83
49	76	X	U2	15.82	8.45	17.84	30.35	-6.08	39.2	33.66
		Y	U2	15.82	8.45	17.84	30.35	-6.08	39.2	26.29
	52	X	U2	16.23	2.82	19.22	29.88	-10.84	35.4	35.45
		Y	U2	16.23	2.82	19.22	29.88	-10.84	35.4	22.04
	75	X	U2	7.88	10.42	17.82	27.02	-8.72	47.0	25.71
		Y	U2	7.88	10.42	17.82	27.02	-8.72	47.0	28.24
	51	X	U2	5.21	1.19	19.21	22.51	-16.11	42.0	24.41
		Y	U2	5.21	1.19	19.21	22.51	-16.11	42.0	20.39
50	77	X	U2	21.64	7.48	17.47	33.41	-4.29	34.0	39.11
		Y	U2	21.64	7.48	17.47	33.41	-4.29	34.0	24.95
	53	X	U2	22.08	4.05	18.11	33.30	-7.17	31.8	40.19
		Y	U2	22.08	4.05	18.11	33.30	-7.17	31.8	22.17
	76	X	U2	15.87	8.46	18.28	30.81	-6.48	39.3	34.15
		Y	U2	15.87	8.46	18.28	30.81	-6.48	39.3	26.74
	52	X	U2	15.92	2.77	18.92	29.38	-10.68	35.4	34.85
		Y	U2	15.92	2.77	18.92	29.38	-10.68	35.4	21.69
51	78	X	U2	24.36	6.93	16.94	34.70	-3.41	31.4	41.31
		Y	U2	24.36	6.93	16.94	34.70	-3.41	31.4	23.87
	54	X	U2	24.78	4.63	17.29	34.72	-5.30	29.9	42.07
		Y	U2	24.78	4.63	17.29	34.72	-5.30	29.9	21.92
	77	X	U2	21.61	7.48	17.70	33.60	-4.51	34.1	39.31
		Y	U2	21.61	7.48	17.70	33.60	-4.51	34.1	25.18
	53	X	U2	22.07	4.05	18.04	33.23	-7.10	31.7	40.11
		Y	U2	22.07	4.05	18.04	33.23	-7.10	31.7	22.09
52	79	X	U2	24.14	6.57	16.48	34.03	-3.32	31.0	40.62
		Y	U2	24.14	6.57	16.48	34.03	-3.32	31.0	23.05
	55	X	U2	24.61	4.89	16.50	33.97	-4.47	29.6	41.11
		Y	U2	24.61	4.89	16.50	33.97	-4.47	29.6	21.39
	78	X	U2	24.36	6.93	17.14	34.88	-3.59	31.5	41.50
		Y	U2	24.36	6.93	17.14	34.88	-3.59	31.5	24.07
	54	X	U2	24.81	4.63	17.16	34.63	-5.19	29.8	41.97
		Y	U2	24.81	4.63	17.16	34.63	-5.19	29.8	21.79
53	80	X	U2	21.08	6.41	15.99	31.34	-3.85	32.7	37.07
		Y	U2	21.08	6.41	15.99	31.34	-3.85	32.7	22.40
	56	X	U2	21.79	5.08	15.59	31.13	-4.25	30.9	37.39
		Y	U2	21.79	5.08	15.59	31.13	-4.25	30.9	20.68
	79	X	U2	24.14	6.57	16.71	34.23	-3.52	31.1	40.85
		Y	U2	24.14	6.57	16.71	34.23	-3.52	31.1	23.28
	55	X	U2	24.62	4.89	16.31	33.82	-4.31	29.4	40.94
		Y	U2	24.62	4.89	16.31	33.82	-4.31	29.4	21.20
54	81	X	U2	15.35	6.47	15.20	26.74	-4.93	36.9	30.55
		Y	U2	15.35	6.47	15.20	26.74	-4.93	36.9	21.67
	57	X	U2	16.62	5.29	14.37	26.40	-4.49	34.2	30.99
		Y	U2	16.62	5.29	14.37	26.40	-4.49	34.2	19.66
	80	X	U2	21.08	6.41	16.22	31.55	-4.06	32.8	37.30
		Y	U2	21.08	6.41	16.22	31.55	-4.06	32.8	22.63
	56	X	U2	21.78	5.08	15.40	30.95	-4.08	30.8	37.18
		Y	U2	21.78	5.08	15.40	30.95	-4.08	30.8	20.48
55	82	X	U2	7.17	6.75	13.68	20.64	-6.72	44.6	20.85
		Y	U2	7.17	6.75	13.68	20.64	-6.72	44.6	20.43
	58	X	U2	9.51	5.41	12.51	20.14	-5.22	40.3	22.02
		Y	U2	9.51	5.41	12.51	20.14	-5.22	40.3	17.92
	81	X	U2	15.34	6.47	15.40	26.93	-5.12	37.0	30.74
		Y	U2	15.34	6.47	15.40	26.93	-5.12	37.0	21.87
	57	X	U2	16.58	5.28	14.23	26.24	-4.38	34.2	30.81
		Y	U2	16.58	5.28	14.23	26.24	-4.38	34.2	19.52

C4a - ELEMENT TOP MOMENT ENVELOPES:
==========

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
56	83	X	U2	-3.09	7.38	10.90	14.23	-9.95	57.8	7.81
		Y	U2	-3.09	7.38	10.90	14.23	-9.95	57.8	18.28
	59	X	U2	0.82	5.01	9.56	12.70	-6.88	51.2	10.38
		Y	U2	0.82	5.01	9.56	12.70	-6.88	51.2	14.57
	82	X	U2	7.18	6.75	13.83	20.80	-6.87	44.6	21.01
		Y	U2	7.18	6.75	13.83	20.80	-6.87	44.6	20.58
	58	X	U2	9.46	5.40	12.50	20.09	-5.23	40.4	21.95
		Y	U2	9.46	5.40	12.50	20.09	-5.23	40.4	17.89
57	84	X	-	-	-	-	-	-	-	-
		Y	U2	-14.65	8.34	7.15	10.38	-16.69	74.1	11.83
	60	X	-	-	-	-	-	-	-	-
		Y	U2	-10.65	4.45	5.47	6.22	-12.42	72.0	7.26
	83	X	U2	-3.15	7.37	11.09	14.38	-10.16	57.7	7.94
		Y	U2	-3.15	7.37	11.09	14.38	-10.16	57.7	18.46
	59	X	U2	0.98	5.03	9.41	12.63	-6.62	51.1	10.39
		Y	U2	0.98	5.03	9.41	12.63	-6.62	51.1	14.44
58	85	X	-	-	-	-	-	-	-	-
		Y	U2	-36.63	40.80	19.23	45.31	-41.14	76.8	50.89
	61	X	-	-	-	-	-	-	-	-
		Y	U2	-37.58	26.86	12.62	29.24	-39.96	79.3	31.10
	84	X	U2	-15.22	33.28	24.16	43.26	-25.20	67.6	8.94
		Y	U2	-15.22	33.28	24.16	43.26	-25.20	67.6	57.44
	60	X	U2	-10.98	18.77	17.55	26.90	-19.11	65.1	6.57
		Y	U5	-12.31	19.02	17.61	26.92	-20.21	65.8	36.63
59	86	X	-	-	-	-	-	-	-	-
		Y	U2	-29.05	45.46	11.64	47.24	-30.82	81.3	50.13
	62	X	-	-	-	-	-	-	-	-
		Y	U2	-24.68	29.32	10.47	31.28	-26.64	79.4	33.76
	85	X	-	-	-	-	-	-	-	-
		Y	U2	-36.84	40.76	16.72	44.21	-40.29	78.3	48.35
	61	X	-	-	-	-	-	-	-	-
		Y	U2	-37.93	26.81	15.55	30.35	-41.47	77.2	33.18
60	87	X	-	-	-	-	-	-	-	-
		Y	U2	-13.94	11.92	-1.19	11.97	-13.99	-87.4	12.02
	63	X	-	-	-	-	-	-	-	-
		Y	U2	-9.69	8.35	-0.87	8.39	-9.74	-87.2	8.42
	86	X	-	-	-	-	-	-	-	-
		Y	U2	-28.36	10.51	3.02	10.74	-28.59	85.6	10.83
	62	X	-	-	-	-	-	-	-	-
		Y	U2	-24.11	6.17	3.34	6.53	-24.47	83.8	6.63
61	88	X	U2	-0.25	12.74	-4.94	14.40	-1.92	-71.4	4.69
		Y	U2	-0.25	12.74	-4.94	14.40	-1.92	-71.4	17.68
	64	X	U2	2.68	9.44	-4.08	11.36	0.76	-64.8	6.76
		Y	U2	2.68	9.44	-4.08	11.36	0.76	-64.8	13.52
	87	X	-	-	-	-	-	-	-	-
		Y	U2	-13.82	11.93	-1.44	12.01	-13.90	-86.8	12.09
	63	X	-	-	-	-	-	-	-	-
		Y	U2	-9.74	8.34	-0.58	8.36	-9.76	-88.2	8.37
62	89	X	U2	10.91	13.31	-7.54	19.74	4.48	-49.5	18.45
		Y	U2	10.91	13.31	-7.54	19.74	4.48	-49.5	20.85
	65	X	U2	12.88	9.83	-6.56	18.09	4.62	-38.4	19.45
		Y	U2	12.88	9.83	-6.56	18.09	4.62	-38.4	16.39
	88	X	U2	-0.20	12.75	-4.96	14.43	-1.88	-71.3	4.76
		Y	U2	-0.20	12.75	-4.96	14.43	-1.88	-71.3	17.71
	64	X	U2	2.75	9.45	-3.98	11.30	0.89	-65.0	6.73
		Y	U2	2.75	9.45	-3.98	11.30	0.89	-65.0	13.43
63	90	X	U2	18.74	13.85	-9.31	25.92	6.67	-37.6	28.05
		Y	U2	18.74	13.85	-9.31	25.92	6.67	-37.6	23.16
	66	X	U2	20.08	9.92	-8.61	25.00	5.01	-29.7	28.69
		Y	U2	20.08	9.92	-8.61	25.00	5.01	-29.7	18.53
	89	X	U2	10.95	13.32	-7.38	19.60	4.66	-49.6	18.33
		Y	U2	10.95	13.32	-7.38	19.60	4.66	-49.6	20.69
	65	X	U2	12.93	9.84	-6.68	18.23	4.53	-38.5	19.60
		Y	U2	12.93	9.84	-6.68	18.23	4.53	-38.5	16.51

C4a - ELEMENT TOP MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
64	91	X	U2	22.73	14.53	-10.63	30.03	7.24	-34.5	33.36
		Y	U2	22.73	14.53	-10.63	30.03	7.24	-34.5	25.17
	67	X	U2	23.74	9.85	-10.40	29.30	4.29	-28.1	34.14
		Y	U2	23.74	9.85	-10.40	29.30	4.29	-28.1	20.24
	90	X	U2	18.76	13.86	-9.05	25.68	6.93	-37.4	27.81
		Y	U2	18.76	13.86	-9.05	25.68	6.93	-37.4	22.91
	66	X	U2	20.10	9.93	-8.81	25.19	4.84	-30.0	28.91
		Y	U2	20.10	9.93	-8.81	25.19	4.84	-30.0	18.74
65	92	X	U2	22.60	15.47	-11.82	31.38	6.69	-36.6	34.42
		Y	U2	22.60	15.47	-11.82	31.38	6.69	-36.6	27.29
	68	X	U2	23.43	9.47	-12.10	30.42	2.49	-30.0	35.53
		Y	U2	23.43	9.47	-12.10	30.42	2.49	-30.0	21.57
	91	X	U2	22.75	14.54	-10.34	29.77	7.52	-34.2	33.09
		Y	U2	22.75	14.54	-10.34	29.77	7.52	-34.2	24.87
	67	X	U2	23.73	9.84	-10.61	29.47	4.11	-28.4	34.34
		Y	U2	23.73	9.84	-10.61	29.47	4.11	-28.4	20.45
66	93	X	U2	18.26	16.96	-12.91	30.54	4.69	-43.6	31.17
		Y	U2	18.26	16.96	-12.91	30.54	4.69	-43.6	29.87
	69	X	U2	18.60	8.50	-13.73	28.18	-1.08	-34.9	32.33
		Y	U2	18.60	8.50	-13.73	28.18	-1.08	-34.9	22.24
	92	X	U2	22.64	15.47	-11.47	31.07	7.04	-36.3	34.10
		Y	U2	22.64	15.47	-11.47	31.07	7.04	-36.3	26.94
	68	X	U2	23.45	9.47	-12.29	30.60	2.32	-30.2	35.74
		Y	U2	23.45	9.47	-12.29	30.60	2.32	-30.2	21.77
67	94	X	U2	10.50	19.59	-12.89	28.72	1.38	-54.7	23.40
		Y	U2	10.50	19.59	-12.89	28.72	1.38	-54.7	32.48
	70	X	U2	8.03	7.41	-14.75	22.48	-7.04	-44.4	22.79
		Y	U2	8.03	7.41	-14.75	22.48	-7.04	-44.4	22.16
	93	X	U2	18.22	16.96	-12.32	29.93	5.25	-43.5	30.54
		Y	U2	18.22	16.96	-12.32	29.93	5.25	-43.5	29.28
	69	X	U2	18.91	8.55	-14.18	28.83	-1.37	-35.0	33.09
		Y	U2	18.91	8.55	-14.18	28.83	-1.37	-35.0	22.73
68	95	X	U2	3.16	20.79	-10.07	25.36	-1.40	-65.6	13.23
		Y	U2	3.16	20.79	-10.07	25.36	-1.40	-65.6	30.86
	71	X	U5	-3.53	9.49	-12.43	17.01	-11.05	-58.8	8.90
		Y	U5	-3.53	9.49	-12.43	17.01	-11.05	-58.8	21.92
	94	X	U2	10.20	19.55	-12.87	28.57	1.18	-55.0	23.07
		Y	U2	10.20	19.55	-12.87	28.57	1.18	-55.0	32.42
	70	X	U2	7.38	7.31	-15.45	22.79	-8.11	-44.9	22.82
		Y	U2	7.38	7.31	-15.45	22.79	-8.11	-44.9	22.76
69	96	X	U2	0.02	23.14	-9.78	26.72	-3.56	-69.9	9.80
		Y	U2	0.02	23.14	-9.78	26.72	-3.56	-69.9	32.92
	72	X	U5	-0.62	4.28	-8.42	10.60	-6.94	-53.1	7.79
		Y	U5	-0.62	4.28	-8.42	10.60	-6.94	-53.1	12.70
	95	X	U2	3.23	20.80	-11.32	26.34	-2.31	-63.9	14.54
		Y	U2	3.23	20.80	-11.32	26.34	-2.31	-63.9	32.12
	71	X	U5	-3.84	9.44	-9.86	14.68	-9.08	-62.0	6.02
		Y	U5	-3.84	9.44	-9.86	14.68	-9.08	-62.0	19.30
70	98	X	U2	4.33	16.46	13.92	25.57	-4.79	56.8	18.24
		Y	U2	4.33	16.46	13.92	25.57	-4.79	56.8	30.38
	74	X	U2	1.61	11.71	14.84	22.34	-9.02	54.4	16.45
		Y	U2	1.61	11.71	14.84	22.34	-9.02	54.4	26.55
	97	X	U2	0.06	18.66	13.43	25.70	-6.98	62.3	13.49
		Y	U2	0.06	18.66	13.43	25.70	-6.98	62.3	32.09
	73	X	U2	-0.24	10.72	14.36	20.61	-10.13	55.4	14.12
		Y	U2	-0.24	10.72	14.36	20.61	-10.13	55.4	25.08
71	99	X	U2	9.95	14.63	15.11	27.58	-3.00	49.4	25.07
		Y	U2	9.95	14.63	15.11	27.58	-3.00	49.4	29.74
	75	X	U2	7.54	10.04	17.39	26.23	-8.64	47.1	24.93
		Y	U2	7.54	10.04	17.39	26.23	-8.64	47.1	27.43
	98	X	U2	4.26	16.45	13.49	25.16	-4.45	57.2	17.75
		Y	U2	4.26	16.45	13.49	25.16	-4.45	57.2	29.94
	74	X	U2	1.53	11.70	15.76	23.17	-9.95	53.9	17.29
		Y	U2	1.53	11.70	15.76	23.17	-9.95	53.9	27.46

C4a - ELEMENT TOP MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
72	100	X	U2	16.44	12.22	15.56	30.03	-1.38	41.1	32.00
		Y	U2	16.44	12.22	15.56	30.03	-1.38	41.1	27.78
	76	X	U2	15.83	8.48	18.25	30.77	-6.46	39.3	34.08
		Y	U2	15.83	8.48	18.25	30.77	-6.46	39.3	26.74
	99	X	U2	10.06	14.64	14.87	27.40	-2.70	49.4	24.93
		Y	U2	10.06	14.64	14.87	27.40	-2.70	49.4	29.52
	75	X	U2	7.83	10.09	17.56	26.56	-8.64	46.8	25.40
		Y	U2	7.83	10.09	17.56	26.56	-8.64	46.8	27.65
73	101	X	U2	21.70	10.08	15.74	32.67	-0.88	34.9	37.44
		Y	U2	21.70	10.08	15.74	32.67	-0.88	34.9	25.82
	77	X	U2	21.66	7.55	17.79	33.74	-4.53	34.2	39.45
		Y	U2	21.66	7.55	17.79	33.74	-4.53	34.2	25.35
	100	X	U2	16.53	12.23	15.84	30.37	-1.61	41.1	32.37
		Y	U2	16.53	12.23	15.84	30.37	-1.61	41.1	28.07
	76	X	U2	15.87	8.49	17.90	30.46	-6.09	39.2	33.77
		Y	U2	15.87	8.49	17.90	30.46	-6.09	39.2	26.39
74	102	X	U2	24.40	8.52	15.92	34.25	-1.33	31.7	40.32
		Y	U2	24.40	8.52	15.92	34.25	-1.33	31.7	24.43
	78	X	U2	24.37	6.98	17.20	34.95	-3.61	31.6	41.58
		Y	U2	24.37	6.98	17.20	34.95	-3.61	31.6	24.18
	101	X	U2	21.71	10.09	16.13	33.05	-1.25	35.1	37.84
		Y	U2	21.71	10.09	16.13	33.05	-1.25	35.1	26.22
	77	X	U2	21.62	7.55	17.42	33.37	-4.20	34.0	39.04
		Y	U2	21.62	7.55	17.42	33.37	-4.20	34.0	24.97
75	103	X	U2	24.15	7.43	16.14	33.96	-2.39	31.3	40.29
		Y	U2	24.15	7.43	16.14	33.96	-2.39	31.3	23.57
	79	X	U2	24.14	6.60	16.74	34.27	-3.53	31.2	40.88
		Y	U2	24.14	6.60	16.74	34.27	-3.53	31.2	23.34
	102	X	U2	24.39	8.51	16.28	34.57	-1.66	32.0	40.67
		Y	U2	24.39	8.51	16.28	34.57	-1.66	32.0	24.79
	78	X	U2	24.37	6.97	16.88	34.66	-3.32	31.4	41.25
		Y	U2	24.37	6.97	16.88	34.66	-3.32	31.4	23.86
76	104	X	U2	20.85	6.73	16.30	31.56	-3.97	33.3	37.15
		Y	U2	20.85	6.73	16.30	31.56	-3.97	33.3	23.04
	80	X	U2	21.08	6.43	16.26	31.60	-4.08	32.9	37.35
		Y	U2	21.08	6.43	16.26	31.60	-4.08	32.9	22.70
	103	X	U2	24.14	7.43	16.48	34.26	-2.69	31.6	40.62
		Y	U2	24.14	7.43	16.48	34.26	-2.69	31.6	23.91
	79	X	U2	24.14	6.60	16.44	34.00	-3.26	31.0	40.58
		Y	U2	24.14	6.60	16.44	34.00	-3.26	31.0	23.04
77	105	X	U2	14.50	6.43	16.16	27.12	-6.19	38.0	30.66
		Y	U2	14.50	6.43	16.16	27.12	-6.19	38.0	22.59
	81	X	U2	15.35	6.51	15.47	27.02	-5.16	37.0	30.82
		Y	U2	15.35	6.51	15.47	27.02	-5.16	37.0	21.98
	104	X	U2	20.86	6.73	16.64	31.88	-4.28	33.5	37.50
		Y	U2	20.86	6.73	16.64	31.88	-4.28	33.5	23.38
	80	X	U2	21.08	6.43	15.95	31.31	-3.80	32.7	37.04
		Y	U2	21.08	6.43	15.95	31.31	-3.80	32.7	22.39
78	106	X	U2	5.16	6.66	15.31	21.23	-9.41	46.4	20.47
		Y	U2	5.16	6.66	15.31	21.23	-9.41	46.4	21.96
	82	X	U2	7.19	6.84	13.92	20.94	-6.91	44.6	21.11
		Y	U2	7.19	6.84	13.92	20.94	-6.91	44.6	20.76
	105	X	U2	14.52	6.44	16.53	27.49	-6.54	38.1	31.05
		Y	U2	14.52	6.44	16.53	27.49	-6.54	38.1	22.97
	81	X	U2	15.35	6.51	15.15	26.71	-4.85	36.9	30.50
		Y	U2	15.35	6.51	15.15	26.71	-4.85	36.9	21.66
79	107	X	U2	-6.73	7.59	13.23	15.47	-14.62	59.2	6.50
		Y	U2	-6.73	7.59	13.23	15.47	-14.62	59.2	20.82
	83	X	U2	-3.09	7.39	11.14	14.46	-10.16	57.6	8.05
		Y	U2	-3.09	7.39	11.14	14.46	-10.16	57.6	18.52
	106	X	U2	5.15	6.66	15.70	21.62	-9.81	46.4	20.85
		Y	U2	5.15	6.66	15.70	21.62	-9.81	46.4	22.36
	82	X	U2	7.19	6.84	13.61	20.63	-6.60	44.6	20.80
		Y	U2	7.19	6.84	13.61	20.63	-6.60	44.6	20.45

C4a - ELEMENT TOP MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
80	108	X	-	-	-	-	-	-	-	-
		Y	U2	-19.49	8.80	9.66	11.79	-22.47	72.8	13.59
	84	X	-	-	-	-	-	-	-	-
		Y	U2	-14.66	8.27	7.16	10.32	-16.71	74.0	11.76
	107	X	U2	-6.88	7.57	13.42	15.59	-14.90	59.1	6.54
		Y	U2	-6.88	7.57	13.42	15.59	-14.90	59.1	20.99
	83	X	U2	-3.15	7.38	10.93	14.24	-10.01	57.9	7.78
		Y	U2	-3.15	7.38	10.93	14.24	-10.01	57.9	18.30
81	109	X	-	-	-	-	-	-	-	-
		Y	U2	-42.73	45.23	23.76	51.24	-48.74	75.8	58.44
	85	X	-	-	-	-	-	-	-	-
		Y	U2	-36.59	41.04	17.01	44.61	-40.16	78.2	48.95
	108	X	U2	-20.08	36.57	31.66	50.73	-34.24	65.9	11.58
		Y	U2	-20.08	36.57	31.66	50.73	-34.24	65.9	68.23
	84	X	U2	-15.25	33.04	24.92	43.59	-25.81	67.0	9.67
		Y	U2	-15.25	33.04	24.92	43.59	-25.81	67.0	57.96
82	110	X	-	-	-	-	-	-	-	-
		Y	U2	-35.58	50.87	12.33	52.59	-37.30	82.0	55.14
	86	X	-	-	-	-	-	-	-	-
		Y	U2	-29.10	45.10	10.15	46.47	-30.47	82.3	48.64
	109	X	-	-	-	-	-	-	-	-
		Y	U2	-42.91	45.21	21.51	50.18	-47.88	77.0	55.99
	85	X	-	-	-	-	-	-	-	-
		Y	U2	-36.80	41.01	19.34	45.55	-41.34	76.8	51.17
83	111	X	-	-	-	-	-	-	-	-
		Y	U2	-18.92	13.14	-2.13	13.28	-19.06	-86.2	13.38
	87	X	-	-	-	-	-	-	-	-
		Y	U2	-13.93	11.93	-1.56	12.03	-14.03	-86.6	12.11
	110	X	-	-	-	-	-	-	-	-
		Y	U2	-34.91	11.42	3.02	11.61	-35.10	86.3	11.68
	86	X	-	-	-	-	-	-	-	-
		Y	U2	-28.38	10.40	3.59	10.73	-28.71	84.8	10.85
84	112	X	U2	-3.37	14.19	-6.06	16.08	-5.26	-72.7	2.69
		Y	U2	-3.37	14.19	-6.06	16.08	-5.26	-72.7	20.25
	88	X	U2	-0.25	12.79	-4.98	14.48	-1.93	-71.3	4.74
		Y	U2	-0.25	12.79	-4.98	14.48	-1.93	-71.3	17.77
	111	X	-	-	-	-	-	-	-	-
		Y	U2	-18.75	13.17	-2.39	13.35	-18.92	-85.7	13.47
	87	X	-	-	-	-	-	-	-	-
		Y	U2	-13.82	11.95	-1.31	12.02	-13.88	-87.1	12.08
85	113	X	U2	9.20	15.19	-8.25	20.97	3.43	-55.0	17.45
		Y	U2	9.20	15.19	-8.25	20.97	3.43	-55.0	23.44
	89	X	U2	10.92	13.34	-7.38	19.61	4.65	-49.7	18.29
		Y	U2	10.92	13.34	-7.38	19.61	4.65	-49.7	20.72
	112	X	U2	-3.31	14.20	-5.94	16.02	-5.13	-72.9	2.63
		Y	U2	-3.31	14.20	-5.94	16.02	-5.13	-72.9	20.13
	88	X	U2	-0.19	12.80	-5.07	14.54	-1.93	-71.0	4.88
		Y	U2	-0.19	12.80	-5.07	14.54	-1.93	-71.0	17.86
86	114	X	U2	17.91	16.40	-9.34	26.53	7.78	-42.7	27.25
		Y	U2	17.91	16.40	-9.34	26.53	7.78	-42.7	25.74
	90	X	U2	18.74	13.89	-9.02	25.66	6.97	-37.5	27.77
		Y	U2	18.74	13.89	-9.02	25.66	6.97	-37.5	22.91
	113	X	U2	9.24	15.20	-7.95	20.71	3.73	-55.3	17.19
		Y	U2	9.24	15.20	-7.95	20.71	3.73	-55.3	23.15
	89	X	U2	10.95	13.35	-7.63	19.88	4.43	-49.5	18.58
		Y	U2	10.95	13.35	-7.63	19.88	4.43	-49.5	20.98
87	115	X	U2	22.38	17.98	-9.84	30.27	10.09	-38.7	32.22
		Y	U2	22.38	17.98	-9.84	30.27	10.09	-38.7	27.83
	91	X	U2	22.74	14.59	-10.28	29.73	7.60	-34.2	33.02
		Y	U2	22.74	14.59	-10.28	29.73	7.60	-34.2	24.87
	114	X	U2	17.94	16.40	-8.94	26.14	8.19	-42.5	26.88
		Y	U2	17.94	16.40	-8.94	26.14	8.19	-42.5	25.34
	90	X	U2	18.76	13.89	-9.38	26.02	6.64	-37.7	28.15
		Y	U2	18.76	13.89	-9.38	26.02	6.64	-37.7	23.28

C4a - ELEMENT TOP MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
88	116	X	U2	22.56	20.15	-10.06	31.49	11.22	-41.6	32.63
		Y	U2	22.56	20.15	-10.06	31.49	11.22	-41.6	30.21
	92	X	U2	22.61	15.54	-11.42	31.03	7.13	-36.4	34.03
		Y	U2	22.61	15.54	-11.42	31.03	7.13	-36.4	26.96
	115	X	U2	22.39	17.99	-9.36	29.81	10.57	-38.4	31.76
		Y	U2	22.39	17.99	-9.36	29.81	10.57	-38.4	27.35
	91	X	U2	22.76	14.59	-10.72	30.14	7.21	-34.6	33.47
		Y	U2	22.76	14.59	-10.72	30.14	7.21	-34.6	25.31
89	117	X	U2	18.91	23.01	-9.99	31.15	10.76	-50.8	28.89
		Y	U2	18.91	23.01	-9.99	31.15	10.76	-50.8	33.00
	93	X	U2	18.27	16.99	-12.38	30.03	5.23	-43.5	30.65
		Y	U2	18.27	16.99	-12.38	30.03	5.23	-43.5	29.38
	116	X	U2	22.55	20.14	-9.53	30.95	11.74	-41.4	32.08
		Y	U2	22.55	20.14	-9.53	30.95	11.74	-41.4	29.68
	92	X	U2	22.65	15.55	-11.93	31.54	6.65	-36.7	34.57
		Y	U2	22.65	15.55	-11.93	31.54	6.65	-36.7	27.48
90	118	X	U2	12.71	26.26	-9.18	30.89	8.08	-63.2	21.90
		Y	U2	12.71	26.26	-9.18	30.89	8.08	-63.2	35.44
	94	X	U2	10.45	19.25	-12.49	28.10	1.61	-54.7	22.94
		Y	U2	10.45	19.25	-12.49	28.10	1.61	-54.7	31.74
	117	X	U2	18.81	22.99	-9.57	30.70	11.10	-51.2	28.38
		Y	U2	18.81	22.99	-9.57	30.70	11.10	-51.2	32.57
	93	X	U2	18.22	16.99	-12.88	30.50	4.71	-43.6	31.10
		Y	U2	18.22	16.99	-12.88	30.50	4.71	-43.6	29.87
91	119	X	U2	6.08	28.97	-7.97	31.47	3.58	-72.6	14.05
		Y	U2	6.08	28.97	-7.97	31.47	3.58	-72.6	36.94
	95	X	U2	3.29	21.67	-11.10	26.89	-1.93	-64.8	14.39
		Y	U2	3.29	21.67	-11.10	26.89	-1.93	-64.8	32.77
	118	X	U2	12.60	26.24	-9.31	30.96	7.88	-63.1	21.91
		Y	U2	12.60	26.24	-9.31	30.96	7.88	-63.1	35.55
	94	X	U2	10.15	19.21	-12.44	27.92	1.44	-55.0	22.59
		Y	U2	10.15	19.21	-12.44	27.92	1.44	-55.0	31.65
92	120	X	U2	0.08	32.14	-8.13	34.09	-1.86	-76.5	8.22
		Y	U2	0.08	32.14	-8.13	34.09	-1.86	-76.5	40.28
	96	X	U2	-0.22	21.57	-10.09	25.53	-4.17	-68.6	9.87
		Y	U2	-0.22	21.57	-10.09	25.53	-4.17	-68.6	31.66
	119	X	U2	6.14	28.98	-8.31	31.68	3.44	-72.0	14.45
		Y	U2	6.14	28.98	-8.31	31.68	3.44	-72.0	37.29
	95	X	U2	3.36	21.68	-10.26	26.28	-1.23	-65.9	13.62
		Y	U2	3.36	21.68	-10.26	26.28	-1.23	-65.9	31.94
93	122	X	U2	5.37	18.33	11.42	24.98	-1.27	59.8	16.79
		Y	U2	5.37	18.33	11.42	24.98	-1.27	59.8	29.75
	98	X	U2	4.37	16.74	13.64	25.53	-4.42	57.2	18.01
		Y	U2	4.37	16.74	13.64	25.53	-4.42	57.2	30.38
	121	X	U2	0.03	20.64	11.22	25.58	-4.90	66.3	11.26
		Y	U2	0.03	20.64	11.22	25.58	-4.90	66.3	31.87
	97	X	U2	-0.03	18.08	13.45	25.24	-7.19	62.0	13.42
		Y	U2	-0.03	18.08	13.45	25.24	-7.19	62.0	31.52
94	123	X	U2	11.22	15.96	12.04	25.86	1.32	50.6	23.26
		Y	U2	11.22	15.96	12.04	25.86	1.32	50.6	28.00
	99	X	U2	9.95	14.60	14.75	27.20	-2.65	49.5	24.69
		Y	U2	9.95	14.60	14.75	27.20	-2.65	49.5	29.34
	122	X	U2	5.31	18.32	11.24	24.80	-1.16	60.0	16.55
		Y	U2	5.31	18.32	11.24	24.80	-1.16	60.0	29.56
	98	X	U2	4.30	16.73	13.94	25.78	-4.75	57.0	18.24
		Y	U2	4.30	16.73	13.94	25.78	-4.75	57.0	30.67
95	124	X	U2	17.39	13.31	12.67	28.19	2.51	40.4	30.07
		Y	U2	17.39	13.31	12.67	28.19	2.51	40.4	25.99
	100	X	U2	16.43	12.17	15.70	30.15	-1.55	41.1	32.14
		Y	U2	16.43	12.17	15.70	30.15	-1.55	41.1	27.88
	123	X	U2	11.28	15.97	11.88	25.74	1.51	50.6	23.17
		Y	U2	11.28	15.97	11.88	25.74	1.51	50.6	27.85
	99	X	U2	10.05	14.61	14.91	27.42	-2.76	49.3	24.97
		Y	U2	10.05	14.61	14.91	27.42	-2.76	49.3	29.53

C4a - ELEMENT TOP MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
96	125	X	U2	22.45	10.84	13.46	31.30	1.98	33.3	35.91
		Y	U2	22.45	10.84	13.46	31.30	1.98	33.3	24.30
	101	X	U2	21.70	10.09	16.12	33.03	-1.24	35.1	37.82
		Y	U2	21.70	10.09	16.12	33.03	-1.24	35.1	26.20
	124	X	U2	17.47	13.32	12.85	28.41	2.38	40.4	30.31
		Y	U2	17.47	13.32	12.85	28.41	2.38	40.4	26.17
	100	X	U2	16.52	12.19	15.50	30.01	-1.30	41.0	32.03
		Y	U2	16.52	12.19	15.50	30.01	-1.30	41.0	27.69
97	126	X	U2	25.11	8.81	14.40	33.50	0.42	30.2	39.51
		Y	U2	25.11	8.81	14.40	33.50	0.42	30.2	23.21
	102	X	U2	24.40	8.53	16.30	34.60	-1.67	32.0	40.71
		Y	U2	24.40	8.53	16.30	34.60	-1.67	32.0	24.83
	125	X	U2	22.47	10.84	13.83	31.66	1.65	33.6	36.30
		Y	U2	22.47	10.84	13.83	31.66	1.65	33.6	24.67
	101	X	U2	21.71	10.09	15.73	32.68	-0.87	34.9	37.45
		Y	U2	21.71	10.09	15.73	32.68	-0.87	34.9	25.82
98	127	X	U2	24.79	7.22	15.37	33.70	-1.69	30.1	40.16
		Y	U2	24.79	7.22	15.37	33.70	-1.69	30.1	22.59
	103	X	U2	24.15	7.44	16.50	34.28	-2.70	31.6	40.64
		Y	U2	24.15	7.44	16.50	34.28	-2.70	31.6	23.93
	126	X	U2	25.10	8.81	14.78	33.84	0.08	30.6	39.89
		Y	U2	25.10	8.81	14.78	33.84	0.08	30.6	23.60
	102	X	U2	24.40	8.53	15.91	34.24	-1.32	31.8	40.31
		Y	U2	24.40	8.53	15.91	34.24	-1.32	31.8	24.44
99	128	X	U2	21.26	5.95	16.24	31.56	-4.35	32.4	37.50
		Y	U2	21.26	5.95	16.24	31.56	-4.35	32.4	22.20
	104	X	U2	20.85	6.74	16.65	31.88	-4.29	33.5	37.50
		Y	U2	20.85	6.74	16.65	31.88	-4.29	33.5	23.39
	127	X	U2	24.78	7.22	15.72	34.01	-2.01	30.4	40.51
		Y	U2	24.78	7.22	15.72	34.01	-2.01	30.4	22.94
	103	X	U2	24.14	7.44	16.13	33.96	-2.37	31.3	40.28
		Y	U2	24.14	7.44	16.13	33.96	-2.37	31.3	23.57
100	129	X	U2	14.35	4.99	16.86	27.16	-7.83	37.2	31.21
		Y	U2	14.35	4.99	16.86	27.16	-7.83	37.2	21.84
	105	X	U2	14.50	6.45	16.54	27.50	-6.54	38.2	31.04
		Y	U2	14.50	6.45	16.54	27.50	-6.54	38.2	22.99
	128	X	U2	21.26	5.95	16.60	31.89	-4.67	32.6	37.86
		Y	U2	21.26	5.95	16.60	31.89	-4.67	32.6	22.56
	104	X	U2	20.86	6.74	16.28	31.55	-3.95	33.3	37.14
		Y	U2	20.86	6.74	16.28	31.55	-3.95	33.3	23.02

C4b - ELEMENT BOTTOM MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
1	26	X	U2	-25.10	-26.60	9.83	-16.00	-35.71	42.8	-34.93
		Y	U5	-24.59	-27.74	9.03	-17.00	-35.33	40.1	-36.77
	2	X	U5	-19.24	1.01	9.70	4.91	-23.13	68.1	-28.94
		Y	U2	-19.12	0.59	9.61	4.50	-23.03	67.9	-9.02
	25	X	U2	0.58	-19.84	9.21	4.12	-23.38	21.0	-8.62
		Y	U2	0.58	-19.84	9.21	4.12	-23.38	21.0	-29.05
	1	X	U2	0.24	0.09	8.99	9.16	-8.82	44.7	-8.74
		Y	U5	0.29	-0.40	8.85	8.80	-8.91	43.9	-9.25
2	27	X	U5	6.29	-7.13	17.26	18.09	-18.94	34.4	-10.97
		Y	U2	6.66	-8.04	16.65	17.51	-18.89	33.1	-24.69
	3	X	U2	-2.83	-0.73	12.29	10.55	-14.12	47.4	-15.13
		Y	U5	-2.76	-0.95	12.24	10.42	-14.13	47.1	-13.19
	26	X	U2	-25.74	-26.70	13.63	-12.58	-39.85	44.0	-39.37
		Y	U5	-25.20	-27.83	14.09	-12.36	-40.67	42.3	-41.92
	2	X	U2	-17.99	0.76	9.27	4.57	-21.79	67.7	-27.25
		Y	U2	-17.99	0.76	9.27	4.57	-21.79	67.7	-8.50
3	28	X	U5	14.51	-1.02	17.93	26.28	-12.79	33.3	-3.42
		Y	U2	15.24	-1.15	18.21	27.01	-12.92	32.9	-19.36
	4	X	U5	14.71	0.07	16.51	25.44	-10.67	33.0	-1.80
		Y	U2	15.37	0.00	16.64	26.01	-10.64	32.6	-16.64
	27	X	U5	4.94	-7.33	14.45	14.50	-16.90	33.5	-9.51
		Y	U2	5.22	-8.26	14.54	14.50	-17.54	32.6	-22.80
	3	X	U5	-2.13	-0.86	13.03	11.55	-14.54	46.4	-15.16
		Y	U5	-2.13	-0.86	13.03	11.55	-14.54	46.4	-13.88
4	29	X	-	-	-	-	-	-	-	-
		Y	U5	21.18	1.33	17.52	31.40	-8.88	30.2	-13.17
	5	X	-	-	-	-	-	-	-	-
		Y	U5	21.91	0.06	17.41	31.54	-9.57	28.9	-13.78
	28	X	U5	15.36	-0.89	16.98	26.06	-11.59	32.2	-1.62
		Y	U2	16.12	-1.02	17.12	26.70	-11.60	31.7	-18.14
	4	X	U5	13.30	-0.15	16.87	24.74	-11.58	34.1	-3.57
		Y	U2	13.91	-0.22	16.98	25.23	-11.54	33.7	-17.20
5	30	X	-	-	-	-	-	-	-	-
		Y	U5	24.14	2.17	16.74	33.18	-6.87	28.4	-9.45
	6	X	-	-	-	-	-	-	-	-
		Y	U5	25.06	0.06	16.77	33.48	-8.36	26.7	-11.17
	29	X	-	-	-	-	-	-	-	-
		Y	U5	21.46	1.37	17.34	31.46	-8.62	30.0	-12.64
	5	X	-	-	-	-	-	-	-	-
		Y	U5	21.39	-0.02	17.37	31.08	-9.72	29.2	-14.13
6	31	X	-	-	-	-	-	-	-	-
		Y	U5	24.05	2.55	15.77	32.38	-5.78	27.9	-7.79
	7	X	-	-	-	-	-	-	-	-
		Y	U5	25.12	0.06	15.60	32.60	-7.42	25.6	-9.63
	30	X	-	-	-	-	-	-	-	-
		Y	U5	24.23	2.18	16.81	33.31	-6.89	28.4	-9.48
	6	X	-	-	-	-	-	-	-	-
		Y	U5	24.86	0.03	16.64	33.21	-8.32	26.6	-11.11
7	32	X	-	-	-	-	-	-	-	-
		Y	U5	21.38	2.79	14.61	29.40	-5.23	28.8	-7.19
	8	X	-	-	-	-	-	-	-	-
		Y	U5	22.62	0.05	14.17	29.45	-6.78	25.7	-8.82
	31	X	-	-	-	-	-	-	-	-
		Y	U5	24.08	2.56	15.89	32.51	-5.88	27.9	-7.93
	7	X	-	-	-	-	-	-	-	-
		Y	U5	25.02	0.04	15.45	32.40	-7.34	25.5	-9.50

C4b - ELEMENT BOTTOM MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
8	33	X	-	-	-	-	-	-	-	-
		Y	U5	16.56	3.00	13.24	24.65	-5.10	31.4	-7.59
	9	X	-	-	-	-	-	-	-	-
		Y	U5	17.99	0.03	12.54	24.44	-6.41	27.2	-8.71
	32	X	-	-	-	-	-	-	-	-
		Y	U5	21.39	2.79	14.74	29.52	-5.33	28.9	-7.36
	8	X	-	-	-	-	-	-	-	-
		Y	U5	22.54	0.04	14.04	29.28	-6.70	25.6	-8.70
9	34	X	U4	5.51	1.86	7.57	11.48	-4.10	38.2	-2.06
		Y	U5	10.11	3.07	11.58	18.69	-5.51	36.6	-8.51
	10	X	U6	5.73	-0.01	6.32	9.80	-4.08	32.8	-0.60
		Y	U5	11.78	-0.00	10.74	18.14	-6.36	30.6	-9.79
	33	X	-	-	-	-	-	-	-	-
		Y	U5	16.53	2.99	13.30	24.69	-5.17	31.5	-7.71
	9	X	-	-	-	-	-	-	-	-
		Y	U5	17.92	0.02	12.46	24.31	-6.37	27.2	-8.64
10	35	X	U5	2.81	2.59	9.41	12.12	-6.71	44.7	-6.60
		Y	U5	2.81	2.59	9.41	12.12	-6.71	44.7	-6.82
	11	X	U5	4.97	-0.14	8.76	11.54	-6.71	36.9	-3.79
		Y	U2	6.33	-0.18	8.81	12.46	-6.31	34.9	-8.98
	34	X	U4	5.46	1.86	7.48	11.36	-4.04	38.2	-2.02
		Y	U5	10.03	3.06	11.45	18.51	-5.43	36.5	-8.40
	10	X	U6	5.67	-0.01	6.36	9.79	-4.14	33.0	-0.69
		Y	U5	11.69	-0.02	10.80	18.13	-6.45	30.8	-10.00
11	36	X	U5	-5.50	0.68	4.64	3.16	-7.98	61.8	-10.14
		Y	U2	-4.25	0.48	4.69	3.37	-7.14	58.4	-4.22
	12	X	U6	1.11	0.14	2.69	3.36	-2.11	39.9	-1.58
		Y	U5	3.10	0.38	4.59	6.52	-3.04	36.7	-4.21
	35	X	U5	3.02	2.62	9.03	11.85	-6.21	44.4	-6.01
		Y	U5	3.02	2.62	9.03	11.85	-6.21	44.4	-6.40
	11	X	U5	4.03	-0.28	8.97	11.10	-7.36	38.2	-4.95
		Y	U2	5.41	-0.31	8.98	11.98	-6.88	36.2	-9.30
12	37	X	U2	-47.49	-9.61	8.40	-7.83	-49.26	78.0	-55.88
		Y	U5	-47.88	-10.38	7.84	-8.81	-49.45	78.7	-18.22
	13	X	U5	-39.84	0.54	8.26	2.16	-41.47	78.9	-48.10
		Y	U2	-39.10	0.36	8.30	2.03	-40.77	78.6	-7.94
	36	X	U5	-4.13	4.45	14.99	15.75	-15.44	53.0	-19.12
		Y	U2	-2.90	3.32	15.68	16.19	-15.77	50.6	-12.35
	12	X	U5	-0.27	-0.34	15.42	15.11	-15.72	44.9	-15.68
		Y	U2	0.84	-0.22	15.58	15.90	-15.28	44.0	-15.80
13	38	X	U5	-20.06	13.97	7.88	15.70	-21.80	77.6	-24.51
		Y	-	-	-	-	-	-	-	-
	14	X	U5	-23.54	-0.16	2.95	0.20	-23.91	82.9	-26.49
		Y	U2	-22.92	-0.04	3.22	0.40	-23.36	82.1	-3.27
	37	X	U5	-48.31	-10.45	12.37	-6.76	-51.99	73.4	-60.68
		Y	U5	-48.31	-10.45	12.37	-6.76	-51.99	73.4	-22.82
	13	X	U5	-38.39	0.76	7.43	2.12	-39.75	79.6	-45.82
		Y	U2	-37.59	0.58	7.74	2.10	-39.10	79.0	-7.16
14	39	X	U5	-8.30	3.88	-0.25	3.89	-8.30	-88.8	-8.32
		Y	-	-	-	-	-	-	-	-
	15	X	U5	-5.75	0.24	-0.33	0.26	-5.77	-86.8	-6.08
		Y	U4	-4.73	0.14	-0.41	0.18	-4.77	-85.2	-0.27
	38	X	U5	-21.13	1.86	1.31	1.94	-21.21	86.7	-22.06
		Y	U9	-5.43	0.15	0.37	0.18	-5.46	86.2	-0.22
	14	X	U5	-21.25	-2.19	1.23	-2.11	-21.33	86.3	-22.47
		Y	U5	-21.25	-2.19	1.23	-2.11	-21.33	86.3	-3.42
15	40	X	U6	1.03	2.85	-2.01	4.15	-0.27	-57.2	-0.39
		Y	-	-	-	-	-	-	-	-
	16	X	-	-	-	-	-	-	-	-
		Y	U6	2.40	-0.01	-1.33	2.99	-0.60	-23.9	-0.75
	39	X	U5	-7.96	3.93	-0.78	3.98	-8.01	-86.3	-8.11
		Y	-	-	-	-	-	-	-	-
	15	X	U5	-6.18	0.17	0.40	0.20	-6.21	86.4	-6.58
		Y	U2	-5.01	0.14	0.60	0.21	-5.08	83.4	-0.46

C4b - ELEMENT BOTTOM MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
16	41	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	17	X	-	-	-	-	-	-	-	-
		Y	U5	15.66	0.05	-4.64	16.93	-1.22	-15.4	-1.32
	40	X	U6	1.10	2.86	-2.07	4.23	-0.27	-56.6	-0.40
		Y	-	-	-	-	-	-	-	-
	16	X	-	-	-	-	-	-	-	-
		Y	U6	2.35	-0.02	-1.39	2.99	-0.66	-24.8	-0.85
17	42	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	18	X	-	-	-	-	-	-	-	-
		Y	U5	22.18	0.06	-7.20	24.32	-2.08	-16.5	-2.28
	41	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	17	X	-	-	-	-	-	-	-	-
		Y	U5	15.69	0.06	-4.77	17.03	-1.28	-15.7	-1.39
18	43	X	-	-	-	-	-	-	-	-
		Y	U6	12.66	2.63	-5.94	15.42	-0.13	-24.9	-0.16
	19	X	-	-	-	-	-	-	-	-
		Y	U5	25.21	0.05	-9.55	28.43	-3.16	-18.6	-3.56
	42	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	18	X	-	-	-	-	-	-	-	-
		Y	U5	22.29	0.07	-7.39	24.52	-2.16	-16.8	-2.38
19	44	X	-	-	-	-	-	-	-	-
		Y	U5	23.23	3.94	-11.67	28.72	-1.55	-25.2	-1.92
	20	X	-	-	-	-	-	-	-	-
		Y	U5	24.00	0.01	-11.42	28.57	-4.56	-21.8	-5.43
	43	X	-	-	-	-	-	-	-	-
		Y	U6	12.62	2.62	-5.86	15.32	-0.08	-24.8	-0.10
	19	X	-	-	-	-	-	-	-	-
		Y	U5	25.42	0.09	-9.74	28.74	-3.23	-18.8	-3.65
20	45	X	-	-	-	-	-	-	-	-
		Y	U5	18.37	1.79	-12.31	24.92	-4.76	-28.0	-6.46
	21	X	-	-	-	-	-	-	-	-
		Y	U5	17.19	-0.11	-12.08	23.40	-6.32	-27.2	-8.61
	44	X	-	-	-	-	-	-	-	-
		Y	U5	22.96	3.90	-11.77	28.57	-1.71	-25.5	-2.13
	20	X	-	-	-	-	-	-	-	-
		Y	U5	24.53	0.08	-11.54	29.12	-4.50	-21.7	-5.35
21	46	X	U5	8.11	-4.42	-10.81	14.33	-10.65	-29.9	-2.70
		Y	U2	8.60	-5.24	-10.69	14.42	-11.06	-28.5	-15.93
	22	X	U5	1.97	-0.83	-9.46	10.14	-8.99	-40.8	-7.48
		Y	U5	1.97	-0.83	-9.46	10.14	-8.99	-40.8	-10.28
	45	X	-	-	-	-	-	-	-	-
		Y	U5	17.54	1.66	-13.15	24.96	-5.76	-29.4	-8.20
	21	X	-	-	-	-	-	-	-	-
		Y	U5	18.57	0.09	-11.81	24.32	-5.66	-26.0	-7.41
22	47	X	U5	-23.09	-24.52	-11.52	-12.27	-35.35	-43.2	-34.61
		Y	U5	-23.09	-24.52	-11.52	-12.27	-35.35	-43.2	-36.04
	23	X	U5	-15.04	1.29	-6.84	3.78	-17.53	-70.0	-21.88
		Y	U2	-14.69	0.88	-6.91	3.51	-17.31	-69.2	-6.03
	46	X	U5	9.48	-4.22	-13.47	17.75	-12.48	-31.5	-3.99
		Y	U5	9.48	-4.22	-13.47	17.75	-12.48	-31.5	-17.69
	22	X	U5	1.30	-0.93	-8.80	9.06	-8.68	-41.4	-7.50
		Y	U5	1.30	-0.93	-8.80	9.06	-8.68	-41.4	-9.72
23	48	X	U2	0.72	-15.25	-7.12	3.43	-17.96	-20.8	-6.39
		Y	U2	0.72	-15.25	-7.12	3.43	-17.96	-20.8	-22.37
	24	X	U2	-0.18	-0.26	-7.57	7.35	-7.79	-44.9	-7.75
		Y	U5	-0.12	-0.72	-7.51	7.09	-7.94	-43.8	-8.23
	47	X	U2	-22.92	-23.16	-6.88	-16.16	-29.92	-44.5	-29.80
		Y	U5	-22.54	-24.44	-6.24	-17.18	-29.81	-40.7	-30.69
	23	X	U5	-15.96	1.15	-7.54	4.00	-18.81	-69.3	-23.50
		Y	U2	-15.64	0.74	-7.33	3.54	-18.44	-69.1	-6.59

C4b - ELEMENT BOTTOM MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
24	50	X	U2	-5.97	3.68	15.71	15.29	-17.58	53.5	-21.68
		Y	U2	-5.97	3.68	15.71	15.29	-17.58	53.5	-12.03
	26	X	U2	-25.19	-27.19	13.61	-12.55	-39.84	42.9	-38.80
		Y	U2	-25.19	-27.19	13.61	-12.55	-39.84	42.9	-40.80
	49	X	U2	-0.72	-4.75	10.91	8.37	-13.83	39.8	-11.63
		Y	U2	-0.72	-4.75	10.91	8.37	-13.83	39.8	-15.66
	25	X	U2	0.72	-18.92	8.81	4.10	-22.30	21.0	-8.09
		Y	U2	0.72	-18.92	8.81	4.10	-22.30	21.0	-27.73
25	51	X	U2	4.45	0.45	19.64	22.19	-17.29	42.1	-15.18
		Y	U2	4.45	0.45	19.64	22.19	-17.29	42.1	-19.19
	27	X	U5	6.23	-7.54	16.00	16.76	-18.08	33.4	-9.78
		Y	U5	6.23	-7.54	16.00	16.76	-18.08	33.4	-23.54
	50	X	U2	-5.66	3.73	14.41	14.18	-16.12	54.0	-20.07
		Y	U2	-5.66	3.73	14.41	14.18	-16.12	54.0	-10.68
	26	X	U2	-25.83	-27.29	10.12	-16.42	-36.70	42.9	-35.94
		Y	U2	-25.83	-27.29	10.12	-16.42	-36.70	42.9	-37.41
26	52	X	U5	15.42	2.62	18.88	28.95	-10.92	35.6	-3.46
		Y	U2	16.19	2.53	19.31	29.84	-11.12	35.3	-16.78
	28	X	U5	14.52	-0.96	16.68	25.17	-11.61	32.6	-2.16
		Y	U2	15.23	-1.22	16.89	25.78	-11.78	32.0	-18.11
	51	X	U2	5.11	0.55	19.76	22.72	-17.06	41.7	-14.64
		Y	U2	5.11	0.55	19.76	22.72	-17.06	41.7	-19.21
	27	X	U5	4.88	-7.74	17.12	16.82	-19.68	34.9	-12.25
		Y	U2	5.26	-7.96	17.33	17.20	-19.90	34.6	-25.30
27	53	X	-	-	-	-	-	-	-	-
		Y	U5	21.06	3.90	17.93	32.36	-7.40	32.2	-11.38
	29	X	-	-	-	-	-	-	-	-
		Y	U5	21.17	1.26	17.22	31.10	-8.67	30.0	-12.74
	52	X	U5	15.11	2.57	18.49	28.36	-10.68	35.6	-3.38
		Y	U2	15.88	2.48	18.82	29.16	-10.79	35.2	-16.33
	28	X	U5	15.36	-0.83	17.77	26.80	-12.26	32.8	-2.41
		Y	U2	16.11	-1.09	17.96	27.42	-12.41	32.2	-19.05
28	54	X	-	-	-	-	-	-	-	-
		Y	U5	23.60	4.42	17.01	33.54	-5.52	30.3	-7.84
	30	X	-	-	-	-	-	-	-	-
		Y	U5	24.13	2.15	16.75	33.18	-6.89	28.4	-9.47
	53	X	-	-	-	-	-	-	-	-
		Y	U5	21.05	3.90	17.74	32.17	-7.23	32.1	-11.05
	29	X	-	-	-	-	-	-	-	-
		Y	U5	21.45	1.30	17.48	31.55	-8.80	30.0	-12.94
29	55	X	-	-	-	-	-	-	-	-
		Y	U5	23.32	4.65	16.18	32.66	-4.70	30.0	-6.58
	31	X	-	-	-	-	-	-	-	-
		Y	U5	24.05	2.55	15.89	32.48	-5.88	28.0	-7.95
	54	X	-	-	-	-	-	-	-	-
		Y	U5	23.62	4.42	17.04	33.58	-5.54	30.3	-7.87
	30	X	-	-	-	-	-	-	-	-
		Y	U5	24.23	2.17	16.75	33.25	-6.85	28.3	-9.41
30	56	X	-	-	-	-	-	-	-	-
		Y	U5	20.43	4.82	15.30	29.80	-4.55	31.5	-6.64
	32	X	-	-	-	-	-	-	-	-
		Y	U5	21.38	2.80	14.76	29.53	-5.35	28.9	-7.38
	55	X	-	-	-	-	-	-	-	-
		Y	U5	23.33	4.65	16.31	32.79	-4.81	30.1	-6.76
	31	X	-	-	-	-	-	-	-	-
		Y	U5	24.08	2.55	15.77	32.41	-5.77	27.8	-7.77
31	57	X	U6	7.75	2.71	8.31	13.91	-3.45	36.6	-0.56
		Y	U5	15.21	5.02	14.18	25.18	-4.95	35.1	-8.19
	33	X	-	-	-	-	-	-	-	-
		Y	U5	16.56	3.00	13.35	24.75	-5.19	31.5	-7.76
	56	X	-	-	-	-	-	-	-	-
		Y	U5	20.42	4.82	15.45	29.93	-4.69	31.6	-6.88
	32	X	-	-	-	-	-	-	-	-
		Y	U5	21.39	2.80	14.62	29.42	-5.23	28.8	-7.20

C4b - ELEMENT BOTTOM MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
32	58	X	U5	8.07	5.13	12.50	19.19	-5.99	41.7	-4.43
		Y	U5	8.07	5.13	12.50	19.19	-5.99	41.7	-7.37
	34	X	U4	5.51	1.85	7.54	11.44	-4.08	38.2	-2.03
		Y	U5	10.10	3.05	11.54	18.64	-5.49	36.5	-8.49
	57	X	U6	7.73	2.70	8.35	13.94	-3.51	36.6	-0.62
		Y	U5	15.17	5.02	14.25	25.22	-5.03	35.2	-8.36
	33	X	-	-	-	-	-	-	-	-
		Y	U5	16.53	2.99	13.29	24.68	-5.15	31.5	-7.69
33	59	X	U5	-0.62	4.73	9.73	12.15	-8.03	52.7	-10.35
		Y	U5	-0.62	4.73	9.73	12.15	-8.03	52.7	-5.00
	35	X	U5	2.82	2.64	9.04	11.77	-6.31	44.7	-6.22
		Y	U2	4.20	2.65	9.08	12.54	-5.69	42.6	-6.44
	58	X	U5	8.02	5.13	12.37	19.03	-5.88	41.7	-4.35
		Y	U5	8.02	5.13	12.37	19.03	-5.88	41.7	-7.24
	34	X	U4	5.46	1.84	7.64	11.50	-4.20	38.3	-2.18
		Y	U5	10.02	3.04	11.68	18.72	-5.66	36.7	-8.64
34	60	X	U5	-11.98	4.14	4.86	5.49	-13.33	74.4	-16.84
		Y	U1	-8.27	2.44	3.34	3.40	-9.22	74.0	-0.89
	36	X	U5	-5.53	0.47	4.78	3.11	-8.17	61.1	-10.30
		Y	U5	-5.53	0.47	4.78	3.11	-8.17	61.1	-4.30
	59	X	U5	-0.46	4.76	9.56	12.06	-7.76	52.6	-10.02
		Y	U5	-0.46	4.76	9.56	12.06	-7.76	52.6	-4.80
	35	X	U5	3.02	2.67	9.47	12.32	-6.63	44.5	-6.45
		Y	U5	3.02	2.67	9.47	12.32	-6.63	44.5	-6.81
35	61	X	U5	-37.82	28.26	14.09	31.14	-40.70	78.4	-44.85
		Y	-	-	-	-	-	-	-	-
	37	X	U2	-47.54	-9.99	11.99	-6.49	-51.05	73.7	-59.53
		Y	U2	-47.54	-9.99	11.99	-6.49	-51.05	73.7	-21.98
	60	X	U5	-12.43	18.17	18.08	26.55	-20.81	65.1	-30.42
		Y	U9	-2.78	3.59	5.07	6.39	-5.58	61.1	-1.48
	36	X	U5	-4.23	3.76	15.19	15.47	-15.95	52.4	-19.42
		Y	U2	-2.81	3.91	15.88	16.78	-15.68	51.0	-11.97
36	62	X	U5	-25.98	28.55	10.53	30.52	-27.95	79.4	-29.87
		Y	-	-	-	-	-	-	-	-
	38	X	U5	-20.24	12.80	6.50	14.04	-21.47	79.3	-23.53
		Y	-	-	-	-	-	-	-	-
	61	X	U5	-38.17	28.20	12.99	30.66	-40.62	79.3	-44.16
		Y	-	-	-	-	-	-	-	-
	37	X	U5	-47.75	-6.72	8.96	-4.85	-49.62	78.2	-56.71
		Y	U2	-47.99	-10.06	8.60	-8.20	-49.84	77.8	-18.66
37	63	X	U5	-11.01	8.12	-0.63	8.14	-11.03	-88.1	-11.06
		Y	-	-	-	-	-	-	-	-
	39	X	U5	-8.28	4.00	-0.94	4.08	-8.35	-85.7	-8.50
		Y	-	-	-	-	-	-	-	-
	62	X	U5	-25.28	5.82	2.89	6.09	-25.55	84.7	-26.72
		Y	-	-	-	-	-	-	-	-
	38	X	U5	-21.18	1.52	2.58	1.81	-21.47	83.6	-23.76
		Y	U5	-21.18	1.52	2.58	1.81	-21.47	83.6	-1.07
38	64	X	U6	-0.44	5.15	-2.58	6.16	-1.45	-68.7	-1.73
		Y	-	-	-	-	-	-	-	-
	40	X	U6	1.02	2.80	-2.13	4.22	-0.40	-56.3	-0.61
		Y	-	-	-	-	-	-	-	-
	63	X	U5	-11.05	8.12	-1.11	8.18	-11.12	-86.7	-11.21
		Y	-	-	-	-	-	-	-	-
	39	X	U5	-7.94	4.06	-0.38	4.07	-7.95	-88.2	-7.97
		Y	-	-	-	-	-	-	-	-
39	65	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	41	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	64	X	U6	-0.40	5.15	-2.67	6.23	-1.48	-68.1	-1.78
		Y	-	-	-	-	-	-	-	-
	40	X	U6	1.09	2.81	-2.04	4.17	-0.27	-56.4	-0.40
		Y	-	-	-	-	-	-	-	-

C4b - ELEMENT BOTTOM MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
40	66	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	42	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	65	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	41	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
41	67	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	43	X	-	-	-	-	-	-	-	-
		Y	U6	12.66	2.63	-5.87	15.36	-0.08	-24.7	-0.09
	66	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	42	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
42	68	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	44	X	-	-	-	-	-	-	-	-
		Y	U5	23.22	3.88	-11.72	28.75	-1.65	-25.2	-2.04
	67	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	43	X	-	-	-	-	-	-	-	-
		Y	U6	12.62	2.62	-5.92	15.36	-0.13	-24.9	-0.16
43	69	X	-	-	-	-	-	-	-	-
		Y	U5	17.57	8.12	-13.71	27.34	-1.66	-35.5	-2.58
	45	X	-	-	-	-	-	-	-	-
		Y	U5	18.38	1.86	-12.99	25.52	-5.27	-28.8	-7.32
	68	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	44	X	-	-	-	-	-	-	-	-
		Y	U5	22.95	3.84	-11.56	28.39	-1.61	-25.2	-1.99
44	70	X	U5	7.49	7.31	-15.27	22.66	-7.87	-44.8	-7.78
		Y	U2	7.94	6.77	-15.46	22.83	-8.12	-43.9	-8.69
	46	X	U5	8.04	-4.83	-13.34	16.42	-13.20	-32.1	-5.29
		Y	U2	8.65	-4.94	-13.35	16.83	-13.12	-31.5	-18.28
	69	X	-	-	-	-	-	-	-	-
		Y	U5	17.88	8.16	-13.96	27.80	-1.76	-35.4	-2.73
	45	X	-	-	-	-	-	-	-	-
		Y	U5	17.55	1.74	-12.03	24.04	-4.75	-28.3	-6.51
45	71	X	U2	-3.81	10.68	-10.80	16.44	-9.57	-61.9	-14.60
		Y	U1	-2.42	6.26	-6.78	9.97	-6.13	-61.3	-0.52
	47	X	U2	-23.58	-23.79	-7.17	-16.52	-30.85	-44.6	-30.74
		Y	U2	-23.58	-23.79	-7.17	-16.52	-30.85	-44.6	-30.96
	70	X	U5	6.80	7.20	-14.88	21.89	-7.88	-45.4	-8.08
		Y	U2	7.28	6.67	-15.17	22.15	-8.19	-44.4	-8.49
	46	X	U5	9.42	-4.62	-12.39	16.64	-11.84	-30.2	-2.96
		Y	U5	9.42	-4.62	-12.39	16.64	-11.84	-30.2	-17.01
46	72	X	U2	-0.71	3.04	-7.79	9.17	-6.84	-51.8	-8.49
		Y	U2	-0.71	3.04	-7.79	9.17	-6.84	-51.8	-4.75
	48	X	U2	0.84	-14.48	-6.72	3.37	-17.01	-20.6	-5.88
		Y	U2	0.84	-14.48	-6.72	3.37	-17.01	-20.6	-21.20
	71	X	U2	-4.12	10.63	-11.94	17.29	-10.78	-60.9	-16.06
		Y	U5	-3.71	10.30	-11.95	17.15	-10.56	-60.2	-1.65
	47	X	U2	-23.01	-23.71	-10.87	-12.48	-34.23	-44.1	-33.88
		Y	U2	-23.01	-23.71	-10.87	-12.48	-34.23	-44.1	-34.58
47	74	X	U2	1.48	10.82	15.97	22.79	-10.49	53.2	-14.49
		Y	U2	1.48	10.82	15.97	22.79	-10.49	53.2	-5.15
	50	X	U2	-6.18	2.26	13.58	12.25	-16.18	53.6	-19.76
		Y	U2	-6.18	2.26	13.58	12.25	-16.18	53.6	-11.32
	73	X	U2	-0.00	12.28	14.00	21.42	-9.15	56.8	-14.00
		Y	U1	-0.00	6.89	8.74	12.84	-5.95	55.8	-1.84
	49	X	U2	-0.62	-4.10	11.60	9.38	-14.09	40.7	-12.22
		Y	U2	-0.62	-4.10	11.60	9.38	-14.09	40.7	-15.70

C4b - ELEMENT BOTTOM MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
48	75	X	U2	7.59	10.37	17.94	26.98	-9.02	47.2	-10.35
		Y	U2	7.59	10.37	17.94	26.98	-9.02	47.2	-7.57
	51	X	U2	4.55	1.09	19.75	22.64	-17.00	42.5	-15.19
		Y	U2	4.55	1.09	19.75	22.64	-17.00	42.5	-18.66
	74	X	U2	1.40	10.81	14.62	21.46	-9.26	53.9	-13.22
		Y	U2	1.40	10.81	14.62	21.46	-9.26	53.9	-3.81
	50	X	U2	-5.88	2.30	16.42	15.13	-18.71	52.0	-22.30
		Y	U2	-5.88	2.30	16.42	15.13	-18.71	52.0	-14.12
49	76	X	U5	15.13	8.23	17.39	29.41	-6.05	39.4	-2.26
		Y	U2	15.82	8.45	17.84	30.35	-6.08	39.2	-9.39
	52	X	U5	15.47	2.95	18.85	29.07	-10.66	35.8	-3.39
		Y	U2	16.23	2.82	19.22	29.88	-10.84	35.4	-16.41
	75	X	U2	7.88	10.42	17.82	27.02	-8.72	47.0	-9.94
		Y	U2	7.88	10.42	17.82	27.02	-8.72	47.0	-7.41
	51	X	U2	5.21	1.19	19.21	22.51	-16.11	42.0	-14.00
		Y	U2	5.21	1.19	19.21	22.51	-16.11	42.0	-18.02
50	77	X	-	-	-	-	-	-	-	-
		Y	U5	20.69	7.20	17.10	32.33	-4.44	34.2	-6.94
	53	X	-	-	-	-	-	-	-	-
		Y	U5	21.07	3.98	17.83	32.30	-7.25	32.2	-11.12
	76	X	U5	15.19	8.24	17.81	29.86	-6.43	39.5	-2.62
		Y	U2	15.87	8.46	18.28	30.81	-6.48	39.3	-9.82
	52	X	U5	15.16	2.90	18.54	28.56	-10.50	35.9	-3.38
		Y	U2	15.92	2.77	18.92	29.38	-10.68	35.4	-16.15
51	78	X	-	-	-	-	-	-	-	-
		Y	U5	23.24	6.58	16.66	33.54	-3.72	31.7	-5.36
	54	X	-	-	-	-	-	-	-	-
		Y	U5	23.60	4.46	17.05	33.59	-5.53	30.3	-7.86
	77	X	-	-	-	-	-	-	-	-
		Y	U5	20.66	7.20	17.34	32.53	-4.67	34.4	-7.36
	53	X	-	-	-	-	-	-	-	-
		Y	U5	21.06	3.97	17.73	32.20	-7.17	32.1	-10.96
52	79	X	-	-	-	-	-	-	-	-
		Y	U5	22.90	6.18	16.28	32.85	-3.76	31.4	-5.39
	55	X	-	-	-	-	-	-	-	-
		Y	U5	23.32	4.67	16.33	32.80	-4.81	30.1	-6.76
	78	X	-	-	-	-	-	-	-	-
		Y	U5	23.24	6.58	16.87	33.73	-3.91	31.9	-5.67
	54	X	-	-	-	-	-	-	-	-
		Y	U5	23.63	4.46	16.92	33.49	-5.40	30.2	-7.65
53	80	X	-	-	-	-	-	-	-	-
		Y	U5	19.77	5.99	15.87	30.18	-4.42	33.3	-6.75
	56	X	-	-	-	-	-	-	-	-
		Y	U5	20.43	4.84	15.48	29.97	-4.70	31.6	-6.90
	79	X	-	-	-	-	-	-	-	-
		Y	U5	22.91	6.18	16.52	33.06	-3.97	31.6	-5.73
	55	X	-	-	-	-	-	-	-	-
		Y	U5	23.33	4.67	16.13	32.64	-4.64	30.0	-6.48
54	81	X	U4	8.02	3.51	9.85	15.86	-4.34	38.5	-1.83
		Y	U5	13.98	6.04	15.15	25.67	-5.65	37.7	-9.11
	57	X	U6	7.75	2.72	8.40	14.00	-3.53	36.7	-0.64
		Y	U5	15.21	5.05	14.32	25.33	-5.07	35.2	-8.44
	80	X	-	-	-	-	-	-	-	-
		Y	U5	19.77	5.99	16.11	30.40	-4.64	33.4	-7.14
	56	X	-	-	-	-	-	-	-	-
		Y	U5	20.42	4.84	15.28	29.78	-4.52	31.5	-6.60
55	82	X	U5	5.75	6.32	13.69	19.73	-7.65	45.6	-7.94
		Y	U5	5.75	6.32	13.69	19.73	-7.65	45.6	-7.37
	58	X	U5	8.08	5.19	12.50	19.22	-5.95	41.7	-4.43
		Y	U5	8.08	5.19	12.50	19.22	-5.95	41.7	-7.32
	81	X	U4	8.02	3.51	9.98	15.99	-4.47	38.6	-1.96
		Y	U5	13.98	6.04	15.36	25.87	-5.86	37.8	-9.32
	57	X	U6	7.73	2.72	8.31	13.90	-3.45	36.6	-0.58
		Y	U5	15.17	5.05	14.17	25.16	-4.94	35.2	-8.19

C4b - ELEMENT BOTTOM MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
56	83	X	U5	-4.54	6.97	10.94	13.58	-11.14	58.9	-15.48
		Y	U5	-4.54	6.97	10.94	13.58	-11.14	58.9	-3.96
	59	X	U5	-0.60	4.85	9.57	12.07	-7.82	52.9	-10.17
		Y	U5	-0.60	4.85	9.57	12.07	-7.82	52.9	-4.72
	82	X	U5	5.76	6.32	13.85	19.89	-7.81	45.6	-8.09
		Y	U5	5.76	6.32	13.85	19.89	-7.81	45.6	-7.53
	58	X	U5	8.03	5.18	12.48	19.16	-5.96	41.7	-4.45
		Y	U5	8.03	5.18	12.48	19.16	-5.96	41.7	-7.30
57	84	X	U5	-16.05	7.94	7.16	9.91	-18.03	74.6	-22.51
		Y	-	-	-	-	-	-	-	-
	60	X	U5	-11.94	4.39	5.45	6.04	-13.59	73.1	-17.39
		Y	U1	-8.24	2.65	3.71	3.79	-9.38	72.9	-1.06
	83	X	U5	-4.60	6.97	11.12	13.72	-11.36	58.7	-15.73
		Y	U5	-4.60	6.97	11.12	13.72	-11.36	58.7	-4.16
	59	X	U5	-0.44	4.87	9.41	12.00	-7.57	52.9	-9.86
		Y	U5	-0.44	4.87	9.41	12.00	-7.57	52.9	-4.54
58	85	X	U5	-37.76	39.85	18.91	44.21	-42.12	77.0	-46.73
		Y	-	-	-	-	-	-	-	-
	61	X	U5	-38.01	27.04	12.39	29.32	-40.29	79.6	-43.69
		Y	-	-	-	-	-	-	-	-
	84	X	U5	-16.61	32.42	24.12	42.30	-26.49	67.7	-34.55
		Y	-	-	-	-	-	-	-	-
	60	X	U5	-12.31	19.02	17.61	26.92	-20.21	65.8	-28.60
		Y	U9	-2.70	4.13	4.89	6.68	-5.25	62.4	-0.76
59	86	X	U5	-30.33	44.51	11.05	46.11	-31.93	81.8	-33.08
		Y	-	-	-	-	-	-	-	-
	62	X	U5	-25.85	29.46	9.85	31.16	-27.55	80.2	-29.14
		Y	-	-	-	-	-	-	-	-
	85	X	U5	-37.97	39.82	16.45	43.16	-41.31	78.5	-44.77
		Y	-	-	-	-	-	-	-	-
	61	X	U5	-38.36	26.98	15.25	30.37	-41.74	77.5	-46.98
		Y	-	-	-	-	-	-	-	-
60	87	X	U5	-15.32	11.47	-1.45	11.55	-15.40	-86.9	-15.50
		Y	-	-	-	-	-	-	-	-
	63	X	U5	-11.00	8.16	-1.09	8.22	-11.06	-86.8	-11.15
		Y	-	-	-	-	-	-	-	-
	86	X	U5	-29.66	10.09	2.82	10.29	-29.86	86.0	-30.45
		Y	-	-	-	-	-	-	-	-
	62	X	U5	-25.24	6.09	3.18	6.41	-25.56	84.3	-26.91
		Y	-	-	-	-	-	-	-	-
61	88	X	U5	-1.66	12.26	-5.21	13.99	-3.39	-71.6	-3.87
		Y	-	-	-	-	-	-	-	-
	64	X	U6	-0.44	5.16	-2.70	6.26	-1.53	-68.0	-1.85
		Y	-	-	-	-	-	-	-	-
	87	X	U5	-15.20	11.49	-1.71	11.60	-15.31	-86.4	-15.45
		Y	-	-	-	-	-	-	-	-
	63	X	U5	-11.05	8.15	-0.80	8.19	-11.08	-87.6	-11.13
		Y	-	-	-	-	-	-	-	-
62	89	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	65	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	88	X	U5	-1.60	12.27	-5.22	14.01	-3.34	-71.5	-3.82
		Y	-	-	-	-	-	-	-	-
	64	X	U6	-0.40	5.17	-2.65	6.23	-1.46	-68.2	-1.76
		Y	-	-	-	-	-	-	-	-
63	90	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	66	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	89	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	65	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-

C4b - ELEMENT BOTTOM MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
64	91	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	67	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	90	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	66	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
65	92	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	68	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	91	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	67	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
66	93	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	69	X	-	-	-	-	-	-	-	-
		Y	U5	17.62	8.45	-13.63	27.41	-1.34	-35.7	-2.09
	92	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	68	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
67	94	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	70	X	U5	7.53	7.62	-14.52	22.10	-6.94	-45.1	-6.99
		Y	U2	8.03	7.41	-14.75	22.48	-7.04	-44.4	-7.35
	93	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	69	X	-	-	-	-	-	-	-	-
		Y	U5	17.93	8.50	-14.08	28.06	-1.63	-35.7	-2.56
68	95	X	U5	3.10	20.22	-9.94	24.77	-1.45	-65.4	-1.78
		Y	-	-	-	-	-	-	-	-
	71	X	U2	-4.03	9.23	-12.65	16.88	-11.68	-58.8	-16.67
		Y	U2	-4.03	9.23	-12.65	16.88	-11.68	-58.8	-3.42
	94	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	70	X	U5	6.85	7.52	-15.13	22.32	-7.95	-45.6	-8.28
		Y	U2	7.38	7.31	-15.45	22.79	-8.11	-44.9	-8.14
69	96	X	U5	0.03	22.52	-9.66	26.11	-3.55	-69.7	-4.11
		Y	-	-	-	-	-	-	-	-
	72	X	U5	-0.62	4.28	-8.42	10.60	-6.94	-53.1	-9.04
		Y	U2	-0.61	3.71	-8.38	10.21	-7.10	-52.2	-4.67
	95	X	U2	3.23	20.80	-11.32	26.34	-2.31	-63.9	-2.93
		Y	-	-	-	-	-	-	-	-
	71	X	U2	-4.34	9.18	-9.92	14.43	-9.59	-62.1	-14.26
		Y	U8	-3.35	5.48	-6.56	8.98	-6.85	-62.0	-1.08
70	98	X	U2	4.33	16.46	13.92	25.57	-4.79	56.8	-7.44
		Y	U9	0.98	3.53	3.66	6.13	-1.62	54.6	-0.12
	74	X	U2	1.61	11.71	14.84	22.34	-9.02	54.4	-13.23
		Y	U2	1.61	11.71	14.84	22.34	-9.02	54.4	-3.13
	97	X	U2	0.06	18.66	13.43	25.70	-6.98	62.3	-9.61
		Y	-	-	-	-	-	-	-	-
	73	X	U2	-0.24	10.72	14.36	20.61	-10.13	55.4	-14.59
		Y	U2	-0.24	10.72	14.36	20.61	-10.13	55.4	-3.64
71	99	X	U2	9.95	14.63	15.11	27.58	-3.00	49.4	-5.16
		Y	U1	5.96	8.31	9.52	16.73	-2.46	48.5	-1.21
	75	X	U2	7.54	10.04	17.39	26.23	-8.64	47.1	-9.85
		Y	U2	7.54	10.04	17.39	26.23	-8.64	47.1	-7.34
	98	X	U2	4.26	16.45	13.49	25.16	-4.45	57.2	-6.80
		Y	U9	0.96	3.53	3.54	6.01	-1.52	55.0	-0.01
	74	X	U2	1.53	11.70	15.76	23.17	-9.95	53.9	-14.23
		Y	U2	1.53	11.70	15.76	23.17	-9.95	53.9	-4.07

C4b - ELEMENT BOTTOM MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
72	100	X	U9	3.99	2.60	4.09	7.45	-0.86	40.2	-0.11
		Y	U1	9.86	6.87	9.87	18.35	-1.61	40.7	-2.99
	76	X	U5	15.14	8.25	17.78	29.80	-6.41	39.5	-2.64
		Y	U2	15.83	8.48	18.25	30.77	-6.46	39.3	-9.77
	99	X	U2	10.06	14.64	14.87	27.40	-2.70	49.4	-4.82
		Y	U1	6.02	8.32	9.37	16.61	-2.28	48.5	-1.06
	75	X	U2	7.83	10.09	17.56	26.56	-8.64	46.8	-9.73
		Y	U2	7.83	10.09	17.56	26.56	-8.64	46.8	-7.48
73	101	X	-	-	-	-	-	-	-	-
		Y	U1	13.01	5.60	10.06	20.03	-1.42	34.9	-2.18
	77	X	-	-	-	-	-	-	-	-
		Y	U5	20.70	7.26	17.42	32.66	-4.69	34.5	-7.40
	100	X	U9	4.01	2.61	4.17	7.54	-0.92	40.2	-0.16
		Y	U5	15.89	11.67	15.41	29.33	-1.77	41.1	-3.27
	76	X	U5	15.19	8.26	17.44	29.51	-6.06	39.4	-2.25
		Y	U2	15.87	8.49	17.90	30.46	-6.09	39.2	-9.41
74	102	X	-	-	-	-	-	-	-	-
		Y	U1	14.58	4.65	10.27	21.02	-1.80	32.1	-2.59
	78	X	-	-	-	-	-	-	-	-
		Y	U5	23.25	6.63	16.93	33.80	-3.92	31.9	-5.70
	101	X	-	-	-	-	-	-	-	-
		Y	U1	13.02	5.60	10.30	20.26	-1.64	35.1	-2.55
	77	X	-	-	-	-	-	-	-	-
		Y	U5	20.67	7.26	17.06	32.30	-4.36	34.3	-6.82
75	103	X	-	-	-	-	-	-	-	-
		Y	U5	22.98	6.86	15.93	32.77	-2.94	31.6	-4.19
	79	X	-	-	-	-	-	-	-	-
		Y	U5	22.91	6.21	16.55	33.10	-3.98	31.6	-5.75
	102	X	-	-	-	-	-	-	-	-
		Y	U5	23.34	7.97	15.99	33.40	-2.09	32.2	-2.99
	78	X	-	-	-	-	-	-	-	-
		Y	U5	23.24	6.63	16.61	33.51	-3.64	31.7	-5.24
76	104	X	-	-	-	-	-	-	-	-
		Y	U5	19.60	6.13	16.17	30.38	-4.65	33.7	-7.21
	80	X	-	-	-	-	-	-	-	-
		Y	U5	19.77	6.02	16.15	30.45	-4.65	33.5	-7.17
	103	X	-	-	-	-	-	-	-	-
		Y	U5	22.97	6.86	16.27	33.07	-3.23	31.8	-4.66
	79	X	-	-	-	-	-	-	-	-
		Y	U5	22.91	6.21	16.24	32.82	-3.70	31.4	-5.31
77	105	X	U4	7.55	3.23	10.47	16.08	-5.30	39.2	-2.92
		Y	U5	13.18	5.79	16.10	26.00	-7.03	38.5	-10.31
	81	X	U4	8.02	3.53	10.02	16.04	-4.49	38.7	-2.00
		Y	U5	13.99	6.08	15.43	25.96	-5.89	37.8	-9.35
	104	X	-	-	-	-	-	-	-	-
		Y	U5	19.61	6.13	16.51	30.70	-4.96	33.9	-7.77
	80	X	-	-	-	-	-	-	-	-
		Y	U5	19.77	6.02	15.83	30.16	-4.37	33.3	-6.66
78	106	X	U5	3.77	5.97	15.31	20.22	-10.49	47.0	-11.54
		Y	U5	3.77	5.97	15.31	20.22	-10.49	47.0	-9.35
	82	X	U5	5.77	6.41	13.94	20.04	-7.85	45.7	-8.17
		Y	U5	5.77	6.41	13.94	20.04	-7.85	45.7	-7.53
	105	X	U5	13.20	5.79	16.47	26.38	-7.39	38.7	-3.27
		Y	U5	13.20	5.79	16.47	26.38	-7.39	38.7	-10.69
	81	X	U4	8.02	3.53	9.81	15.84	-4.29	38.6	-1.79
		Y	U5	13.98	6.08	15.10	25.64	-5.58	37.7	-9.02
79	107	X	U5	-8.23	6.87	13.28	14.59	-15.95	59.8	-21.50
		Y	U5	-8.23	6.87	13.28	14.59	-15.95	59.8	-6.41
	83	X	U5	-4.54	6.98	11.18	13.80	-11.36	58.6	-15.72
		Y	U5	-4.54	6.98	11.18	13.80	-11.36	58.6	-4.20
	106	X	U5	3.76	5.96	15.72	20.62	-10.89	47.0	-11.95
		Y	U5	3.76	5.96	15.72	20.62	-10.89	47.0	-9.75
	82	X	U5	5.77	6.41	13.62	19.72	-7.53	45.7	-7.85
		Y	U5	5.77	6.41	13.62	19.72	-7.53	45.7	-7.21

C4b - ELEMENT BOTTOM MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
80	108	X	U5	-21.09	8.06	9.64	10.96	-23.99	73.3	-30.73
		Y	U5	-21.09	8.06	9.64	10.96	-23.99	73.3	-1.58
	84	X	U5	-16.06	7.87	7.14	9.84	-18.03	74.6	-22.55
		Y	-	-	-	-	-	-	-	-
	107	X	U5	-8.37	6.85	13.47	14.71	-16.23	59.7	-21.84
		Y	U5	-8.37	6.85	13.47	14.71	-16.23	59.7	-6.62
	83	X	U5	-4.60	6.97	10.97	13.59	-11.22	58.9	-15.58
		Y	U5	-4.60	6.97	10.97	13.59	-11.22	58.9	-4.00
81	109	X	U5	-44.38	43.26	23.42	49.13	-50.24	75.9	-57.06
		Y	-	-	-	-	-	-	-	-
	85	X	U5	-37.73	40.08	16.73	43.52	-41.17	78.4	-44.72
		Y	-	-	-	-	-	-	-	-
	108	X	U5	-21.69	34.62	31.60	48.79	-35.85	65.9	-50.52
		Y	-	-	-	-	-	-	-	-
	84	X	U5	-16.64	32.21	24.91	42.67	-27.10	67.2	-35.90
		Y	-	-	-	-	-	-	-	-
82	110	X	U5	-37.12	48.83	11.71	50.40	-38.69	82.4	-39.93
		Y	-	-	-	-	-	-	-	-
	86	X	U5	-30.39	44.17	9.54	45.37	-31.59	82.8	-32.45
		Y	-	-	-	-	-	-	-	-
	109	X	U5	-44.56	43.24	21.19	48.08	-49.40	77.1	-54.94
		Y	-	-	-	-	-	-	-	-
	85	X	U5	-37.94	40.04	19.02	44.44	-42.33	77.0	-46.97
		Y	-	-	-	-	-	-	-	-
83	111	X	U5	-20.39	12.38	-2.41	12.55	-20.56	-85.8	-20.86
		Y	-	-	-	-	-	-	-	-
	87	X	U5	-15.32	11.49	-1.83	11.61	-15.44	-86.1	-15.61
		Y	-	-	-	-	-	-	-	-
	110	X	U5	-36.44	10.65	2.83	10.82	-36.61	86.6	-37.20
		Y	-	-	-	-	-	-	-	-
	86	X	U5	-29.67	9.99	3.42	10.28	-29.97	85.1	-30.84
		Y	-	-	-	-	-	-	-	-
84	112	X	U5	-4.77	13.43	-6.34	15.42	-6.77	-72.6	-7.77
		Y	-	-	-	-	-	-	-	-
	88	X	U5	-1.65	12.31	-5.25	14.06	-3.40	-71.5	-3.89
		Y	-	-	-	-	-	-	-	-
	111	X	U5	-20.21	12.40	-2.67	12.62	-20.43	-85.3	-20.79
		Y	-	-	-	-	-	-	-	-
	87	X	U5	-15.19	11.51	-1.58	11.60	-15.29	-86.6	-15.41
		Y	-	-	-	-	-	-	-	-
85	113	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	89	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	112	X	U5	-4.71	13.44	-6.21	15.36	-6.63	-72.8	-7.58
		Y	-	-	-	-	-	-	-	-
	88	X	U5	-1.59	12.32	-5.33	14.13	-3.40	-71.3	-3.90
		Y	-	-	-	-	-	-	-	-
86	114	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	90	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	113	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	89	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
87	115	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	91	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	114	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	90	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-

C4b - ELEMENT BOTTOM MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
88	116	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	92	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	115	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	91	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
89	117	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	93	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	116	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	92	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
90	118	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	94	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	117	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	93	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
91	119	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	95	X	U5	3.23	21.05	-10.90	26.22	-1.94	-64.6	-2.42
		Y	-	-	-	-	-	-	-	-
	118	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	94	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
92	120	X	U5	0.08	30.89	-8.05	32.87	-1.90	-76.2	-2.02
		Y	-	-	-	-	-	-	-	-
	96	X	U2	-0.22	21.57	-10.09	25.53	-4.17	-68.6	-4.93
		Y	-	-	-	-	-	-	-	-
	119	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	95	X	U5	3.30	21.06	-10.13	25.65	-1.29	-65.6	-1.57
		Y	-	-	-	-	-	-	-	-
93	122	X	U5	5.19	17.40	11.06	23.93	-1.34	59.4	-1.84
		Y	-	-	-	-	-	-	-	-
	98	X	U2	4.37	16.74	13.64	25.53	-4.42	57.2	-6.75
		Y	-	-	-	-	-	-	-	-
	121	X	U2	0.03	20.64	11.22	25.58	-4.90	66.3	-6.07
		Y	-	-	-	-	-	-	-	-
	97	X	U2	-0.03	18.08	13.45	25.24	-7.19	62.0	-10.03
		Y	-	-	-	-	-	-	-	-
94	123	X	U9	2.72	3.62	3.25	6.45	-0.11	48.9	-0.20
		Y	-	-	-	-	-	-	-	-
	99	X	U2	9.95	14.60	14.75	27.20	-2.65	49.5	-4.80
		Y	U1	5.95	8.29	9.30	16.49	-2.25	48.6	-1.01
	122	X	U5	5.13	17.39	10.89	23.76	-1.23	59.7	-1.69
		Y	-	-	-	-	-	-	-	-
	98	X	U2	4.30	16.73	13.94	25.78	-4.75	57.0	-7.32
		Y	U9	0.97	3.61	3.66	6.18	-1.60	54.9	-0.05
95	124	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	100	X	U9	3.98	2.59	4.14	7.48	-0.91	40.2	-0.15
		Y	U5	15.79	11.62	15.27	29.12	-1.71	41.1	-3.15
	123	X	U9	2.74	3.62	3.21	6.42	-0.06	48.9	-0.11
		Y	-	-	-	-	-	-	-	-
	99	X	U2	10.05	14.61	14.91	27.42	-2.76	49.3	-4.86
		Y	U1	6.02	8.30	9.40	16.63	-2.31	48.5	-1.10

C4b - ELEMENT BOTTOM MOMENT ENVELOPES:

Units --> Moment (kip-ft/ft), Angle (Deg)

Elem	Node	Dir	Ld Comb.	M(xx)	M(yy)	M(xy)	M(r1)	M(r2)	Angle	M(ux|uy)
96	125	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	101	X	-	-	-	-	-	-	-	-
		Y	U1	13.01	5.60	10.29	20.24	-1.63	35.1	-2.54
	124	X	-	-	-	-	-	-	-	-
		Y	-	-	-	-	-	-	-	-
	100	X	U9	4.01	2.60	4.08	7.45	-0.84	40.1	-0.08
		Y	U1	9.91	6.85	9.83	18.33	-1.56	40.6	-2.89
97	126	X	-	-	-	-	-	-	-	-
		Y	U1	15.12	4.73	9.36	20.62	-0.78	30.5	-1.06
	102	X	-	-	-	-	-	-	-	-
		Y	U5	23.35	7.99	16.01	33.42	-2.09	32.2	-3.00
	125	X	-	-	-	-	-	-	-	-
		Y	U9	5.52	2.42	3.73	8.01	-0.07	33.7	-0.10
	101	X	-	-	-	-	-	-	-	-
		Y	U1	13.02	5.60	10.06	20.03	-1.41	34.9	-2.17
98	127	X	-	-	-	-	-	-	-	-
		Y	U5	23.66	6.49	15.15	32.49	-2.33	30.2	-3.20
	103	X	-	-	-	-	-	-	-	-
		Y	U5	22.98	6.87	16.28	33.08	-3.24	31.8	-4.67
	126	X	-	-	-	-	-	-	-	-
		Y	U1	15.11	4.73	9.59	20.82	-0.98	30.8	-1.36
	102	X	-	-	-	-	-	-	-	-
		Y	U1	14.57	4.66	10.27	21.02	-1.79	32.1	-2.58
99	128	X	-	-	-	-	-	-	-	-
		Y	U5	20.06	5.17	16.07	30.33	-5.10	32.6	-7.70
	104	X	-	-	-	-	-	-	-	-
		Y	U5	19.60	6.13	16.51	30.70	-4.96	33.9	-7.77
	127	X	-	-	-	-	-	-	-	-
		Y	U5	23.66	6.49	15.49	32.78	-2.63	30.5	-3.65
	103	X	-	-	-	-	-	-	-	-
		Y	U5	22.97	6.87	15.93	32.77	-2.93	31.6	-4.17
100	129	X	U5	13.09	4.12	16.75	25.94	-8.73	37.5	-3.66
		Y	U5	13.09	4.12	16.75	25.94	-8.73	37.5	-12.63
	105	X	U5	13.19	5.80	16.48	26.38	-7.39	38.7	-3.29
		Y	U5	13.19	5.80	16.48	26.38	-7.39	38.7	-10.68
	128	X	-	-	-	-	-	-	-	-
		Y	U5	20.07	5.18	16.42	30.65	-5.41	32.8	-8.26
	104	X	-	-	-	-	-	-	-	-
		Y	U5	19.61	6.14	16.15	30.37	-4.63	33.7	-7.16

C5a - ELEMENT TOP DESIGN MOMENT AND REINFORCEMENT:

Units --> Moment (kip-ft/ft), As (in^2/ft)
Flags --> [m] Minimum controls. [x] Exceeds maximum. [*] Cannot compute.

Elem	Node	Ld Comb.	Max. M(ux)	As(xx)	Node	Ld Comb.	Max. M(uy)	As(yy)
1	1	U2	9.23	0.259m	1	U2	9.08	0.259m
2	27	U5	23.54	0.259m	3	U2	11.56	0.259m
3	28	U2	33.44	0.364	28	U2	17.06	0.259m
4	5	U2	40.53	0.443	29	U2	19.03	0.259m
5	6	U2	43.28	0.474	30	U2	19.19	0.259m
6	6	U2	42.93	0.470	30	U2	19.25	0.259m
7	7	U2	42.01	0.460	31	U2	18.71	0.259m
8	8	U2	38.14	0.417	32	U2	17.75	0.259m
9	9	U2	31.94	0.348	33	U2	16.47	0.259m
10	10	U2	24.01	0.260	34	U2	14.63	0.259m
11	11	U2	14.40	0.259m	35	U2	11.73	0.259m
12	12	U2	16.42	0.389m	36	U5	19.44	0.389m
13	0	-	0.00	0.389m	38	U5	17.06	0.389m
14	0	-	0.00	0.259m	39	U2	3.96	0.259m
15	16	U2	9.35	0.259m	40	U5	8.18	0.259m
16	17	U2	21.60	0.259m	41	U5	10.96	0.259m
17	18	U2	30.75	0.335	42	U5	13.17	0.259m
18	19	U2	36.10	0.394	43	U2	14.85	0.259m
19	20	U2	36.60	0.400	44	U5	15.61	0.259m
20	20	U2	37.26	0.407	44	U5	15.67	0.259m
21	45	U2	31.70	0.345	45	U5	14.82	0.259m
22	46	U5	22.96	0.259m	46	U5	9.26	0.259m
23	24	U5	7.39	0.259m	24	U2	7.31	0.259m
24	49	U2	10.20	0.259m	50	U2	19.39	0.259m
25	51	U2	24.09	0.261	51	U5	20.32	0.259m
26	52	U2	35.50	0.387	52	U2	21.84	0.259m
27	53	U2	40.31	0.441	53	U2	22.21	0.259m
28	30	U2	42.29	0.463	53	U2	21.98	0.259m
29	30	U2	42.40	0.464	54	U2	21.87	0.259m
30	31	U2	41.35	0.453	55	U2	21.35	0.259m
31	32	U2	37.54	0.410	56	U2	20.62	0.259m
32	33	U2	31.34	0.341	57	U2	19.56	0.259m
33	34	U2	23.19	0.259m	58	U2	17.72	0.259m
34	35	U2	13.86	0.259m	59	U2	14.49	0.259m
35	36	U2	13.07	0.389m	60	U5	36.25	0.389m
36	0	-	0.00	0.389m	61	U2	33.15	0.389m
37	0	-	0.00	0.259m	63	U2	8.35	0.259m
38	40	U2	8.32	0.259m	64	U2	13.27	0.259m
39	41	U2	20.52	0.259m	65	U2	16.41	0.259m
40	42	U2	29.60	0.322	66	U2	18.67	0.259m
41	43	U2	35.02	0.382	67	U2	20.38	0.259m
42	44	U2	36.16	0.395	68	U2	21.56	0.259m
43	68	U2	35.73	0.390	69	U2	21.98	0.259m
44	69	U2	32.98	0.359	70	U5	22.57	0.259m
45	70	U2	22.45	0.259m	70	U5	22.08	0.259m
46	71	U5	8.24	0.259m	71	U2	22.58	0.259m
47	74	U2	17.45	0.259m	74	U2	26.79	0.295
48	75	U2	25.54	0.277	75	U2	28.32	0.312
49	52	U2	35.45	0.387	75	U2	28.24	0.311
50	53	U2	40.19	0.440	76	U2	26.74	0.294
51	54	U2	42.07	0.461	77	U2	25.18	0.277
52	54	U2	41.97	0.459	78	U2	24.07	0.264
53	55	U2	40.94	0.448	79	U2	23.28	0.259m
54	80	U2	37.30	0.407	80	U2	22.63	0.259m
55	57	U2	30.81	0.335	81	U2	21.87	0.259m
56	58	U2	21.95	0.259m	82	U2	20.58	0.259m
57	59	U2	10.39	0.259m	83	U2	18.46	0.259m
58	84	U2	8.94	0.389m	84	U2	57.44	0.397

C5a - ELEMENT TOP DESIGN MOMENT AND REINFORCEMENT:
==========

Units --> Moment (kip-ft/ft), As (in^2/ft)
Flags --> [m] Minimum controls. [x] Exceeds maximum. [*] Cannot compute.

Elem	Node	Ld Comb.	Max. M(ux)	As(xx)	Node	Ld Comb.	Max. M(uy)	As(yy)
59	0	-	0.00	0.389m	86	U2	50.13	0.389m
60	0	-	0.00	0.259m	87	U2	12.02	0.259m
61	64	U2	6.76	0.259m	88	U2	17.68	0.259m
62	65	U2	19.45	0.259m	89	U2	20.85	0.259m
63	66	U2	28.69	0.312	90	U2	23.16	0.259m
64	67	U2	34.14	0.372	91	U2	25.17	0.276
65	68	U2	35.53	0.388	92	U2	27.29	0.300
66	68	U2	35.74	0.390	93	U2	29.87	0.329
67	69	U2	33.09	0.361	94	U2	32.48	0.358
68	94	U2	23.07	0.259m	94	U2	32.42	0.358
69	95	U2	14.54	0.259m	96	U2	32.92	0.363
70	98	U2	18.24	0.259m	97	U2	32.09	0.354
71	99	U2	25.07	0.272	98	U2	29.94	0.330
72	76	U2	34.08	0.372	99	U2	29.52	0.325
73	77	U2	39.45	0.431	100	U2	28.07	0.309
74	78	U2	41.58	0.455	101	U2	26.22	0.288
75	78	U2	41.25	0.451	102	U2	24.79	0.272
76	103	U2	40.62	0.444	103	U2	23.91	0.262
77	104	U2	37.50	0.410	104	U2	23.38	0.259m
78	105	U2	31.05	0.338	105	U2	22.97	0.259m
79	106	U2	20.85	0.259m	106	U2	22.36	0.259m
80	83	U2	7.78	0.259m	107	U2	20.99	0.259m
81	108	U2	11.58	0.389m	108	U2	68.23	0.473
82	0	-	0.00	0.389m	109	U2	55.99	0.389m
83	0	-	0.00	0.259m	111	U2	13.38	0.259m
84	88	U2	4.74	0.259m	112	U2	20.25	0.259m
85	89	U2	18.29	0.259m	113	U2	23.44	0.259m
86	90	U2	27.77	0.302	114	U2	25.74	0.283
87	91	U2	33.02	0.360	115	U2	27.83	0.306
88	92	U2	34.03	0.371	116	U2	30.21	0.333
89	92	U2	34.57	0.377	117	U2	33.00	0.364
90	93	U2	31.10	0.339	118	U2	35.44	0.391
91	94	U2	22.59	0.259m	119	U2	36.94	0.408
92	119	U2	14.45	0.259m	120	U2	40.28	0.446
93	98	U2	18.01	0.259m	121	U2	31.87	0.351
94	99	U2	24.69	0.268	98	U2	30.67	0.338
95	100	U2	32.14	0.350	99	U2	29.53	0.325
96	101	U2	37.82	0.413	100	U2	27.69	0.305
97	102	U2	40.71	0.445	101	U2	25.82	0.284
98	103	U2	40.64	0.445	102	U2	24.44	0.268
99	127	U2	40.51	0.443	103	U2	23.57	0.259m
100	128	U2	37.86	0.414	104	U2	23.02	0.259m

C5b - ELEMENT BOTTOM DESIGN MOMENT AND REINFORCEMENT:
==========

Units --> Moment (kip-ft/ft), As (in^2/ft)
Flags --> [m] Minimum controls. [x] Exceeds maximum. [*] Cannot compute.

Elem	Node	Ld Comb.	Max. M(ux)	As(xx)	Node	Ld Comb.	Max. M(uy)	As(yy)
1	26	U2	-34.93	0.381	26	U5	-36.77	0.406
2	26	U2	-39.37	0.430	26	U5	-41.92	0.465
3	3	U5	-15.16	0.259m	27	U2	-22.80	0.259m
4	4	U5	-3.57	0.259m	28	U2	-18.14	0.259m
5	0	-	0.00	0.259m	5	U5	-14.13	0.259m
6	0	-	0.00	0.259m	6	U5	-11.11	0.259m
7	0	-	0.00	0.259m	7	U5	-9.50	0.259m
8	0	-	0.00	0.259m	9	U5	-8.71	0.259m
9	34	U4	-2.06	0.259m	10	U5	-9.79	0.259m
10	35	U5	-6.60	0.259m	10	U5	-10.00	0.259m
11	36	U5	-10.14	0.259m	11	U2	-9.30	0.259m
12	37	U2	-55.88	0.389m	37	U5	-18.22	0.389m
13	37	U5	-60.68	0.417	37	U5	-22.82	0.389m
14	14	U5	-22.47	0.259m	14	U5	-3.42	0.259m
15	39	U5	-8.11	0.259m	16	U6	-0.75	0.259m
16	40	U6	-0.40	0.259m	17	U5	-1.32	0.259m
17	0	-	0.00	0.259m	18	U5	-2.28	0.259m
18	0	-	0.00	0.259m	19	U5	-3.56	0.259m
19	0	-	0.00	0.259m	20	U5	-5.43	0.259m
20	0	-	0.00	0.259m	21	U5	-8.61	0.259m
21	22	U5	-7.48	0.259m	46	U2	-15.93	0.259m
22	47	U5	-34.61	0.377	47	U5	-36.04	0.398
23	47	U2	-29.80	0.324	47	U5	-30.69	0.338
24	26	U2	-38.80	0.424	26	U2	-40.80	0.452
25	26	U2	-35.94	0.392	26	U2	-37.41	0.414
26	51	U2	-14.64	0.259m	27	U2	-25.30	0.278
27	52	U5	-3.38	0.259m	28	U2	-19.05	0.259m
28	0	-	0.00	0.259m	29	U5	-12.94	0.259m
29	0	-	0.00	0.259m	30	U5	-9.41	0.259m
30	0	-	0.00	0.259m	31	U5	-7.77	0.259m
31	57	U6	-0.56	0.259m	57	U5	-8.19	0.259m
32	58	U5	-4.43	0.259m	34	U5	-8.49	0.259m
33	59	U5	-10.35	0.259m	34	U5	-8.64	0.259m
34	60	U5	-16.84	0.259m	35	U5	-6.81	0.259m
35	37	U2	-59.53	0.409	37	U2	-21.98	0.389m
36	37	U5	-56.71	0.389	37	U2	-18.66	0.389m
37	62	U5	-26.72	0.290	38	U5	-1.07	0.259m
38	63	U5	-11.21	0.259m	0	-	0.00	0.259m
39	64	U6	-1.78	0.259m	0	-	0.00	0.259m
40	0	-	0.00	0.259m	0	-	0.00	0.259m
41	0	-	0.00	0.259m	43	U6	-0.09	0.259m
42	0	-	0.00	0.259m	44	U5	-2.04	0.259m
43	0	-	0.00	0.259m	45	U5	-7.32	0.259m
44	70	U5	-7.78	0.259m	46	U2	-18.28	0.259m
45	47	U2	-30.74	0.335	47	U2	-30.96	0.341
46	47	U2	-33.88	0.369	47	U2	-34.58	0.382
47	50	U2	-19.76	0.259m	49	U2	-15.70	0.259m
48	50	U2	-22.30	0.259m	51	U2	-18.66	0.259m
49	51	U2	-14.00	0.259m	51	U2	-18.02	0.259m
50	52	U5	-3.38	0.259m	52	U2	-16.15	0.259m
51	0	-	0.00	0.259m	53	U5	-10.96	0.259m
52	0	-	0.00	0.259m	54	U5	-7.65	0.259m
53	0	-	0.00	0.259m	56	U5	-6.90	0.259m
54	81	U4	-1.83	0.259m	81	U5	-9.11	0.259m
55	82	U5	-7.94	0.259m	81	U5	-9.32	0.259m
56	83	U5	-15.48	0.259m	82	U5	-7.53	0.259m
57	84	U5	-22.51	0.259m	59	U5	-4.54	0.259m
58	85	U5	-46.73	0.389m	60	U9	-0.76	0.389m

C5b - ELEMENT BOTTOM DESIGN MOMENT AND REINFORCEMENT:
==========

Units --> Moment (kip-ft/ft), As (in^2/ft)
Flags --> [m] Minimum controls. [x] Exceeds maximum. [*] Cannot compute.

Elem	Node	Ld Comb.	Max. M(ux)	As(xx)	Node	Ld Comb.	Max. M(uy)	As(yy)
59	61	U5	-46.98	0.389m	0	-	0.00	0.389m
60	86	U5	-30.45	0.331	0	-	0.00	0.259m
61	87	U5	-15.45	0.259m	0	-	0.00	0.259m
62	88	U5	-3.82	0.259m	0	-	0.00	0.259m
63	0	-	0.00	0.259m	0	-	0.00	0.259m
64	0	-	0.00	0.259m	0	-	0.00	0.259m
65	0	-	0.00	0.259m	0	-	0.00	0.259m
66	0	-	0.00	0.259m	69	U5	-2.09	0.259m
67	70	U5	-6.99	0.259m	70	U2	-7.35	0.259m
68	71	U2	-16.67	0.259m	70	U2	-8.14	0.259m
69	71	U2	-14.26	0.259m	72	U2	-4.67	0.259m
70	73	U2	-14.59	0.259m	73	U2	-3.64	0.259m
71	74	U2	-14.23	0.259m	75	U2	-7.34	0.259m
72	75	U2	-9.73	0.259m	76	U2	-9.77	0.259m
73	76	U5	-2.25	0.259m	76	U2	-9.41	0.259m
74	0	-	0.00	0.259m	77	U5	-6.82	0.259m
75	0	-	0.00	0.259m	79	U5	-5.75	0.259m
76	0	-	0.00	0.259m	104	U5	-7.21	0.259m
77	105	U4	-2.92	0.259m	105	U5	-10.31	0.259m
78	106	U5	-11.54	0.259m	105	U5	-10.69	0.259m
79	107	U5	-21.50	0.259m	106	U5	-9.75	0.259m
80	108	U5	-30.73	0.334	107	U5	-6.62	0.259m
81	109	U5	-57.06	0.392	0	-	0.00	0.389m
82	109	U5	-54.94	0.389m	0	-	0.00	0.389m
83	110	U5	-37.20	0.406	0	-	0.00	0.259m
84	111	U5	-20.79	0.259m	0	-	0.00	0.259m
85	112	U5	-7.58	0.259m	0	-	0.00	0.259m
86	0	-	0.00	0.259m	0	-	0.00	0.259m
87	0	-	0.00	0.259m	0	-	0.00	0.259m
88	0	-	0.00	0.259m	0	-	0.00	0.259m
89	0	-	0.00	0.259m	0	-	0.00	0.259m
90	0	-	0.00	0.259m	0	-	0.00	0.259m
91	95	U5	-2.42	0.259m	0	-	0.00	0.259m
92	96	U2	-4.93	0.259m	0	-	0.00	0.259m
93	97	U2	-10.03	0.259m	0	-	0.00	0.259m
94	98	U2	-7.32	0.259m	99	U1	-1.01	0.259m
95	99	U2	-4.86	0.259m	100	U5	-3.15	0.259m
96	100	U9	-0.08	0.259m	100	U1	-2.89	0.259m
97	0	-	0.00	0.259m	102	U5	-3.00	0.259m
98	0	-	0.00	0.259m	103	U5	-4.67	0.259m
99	0	-	0.00	0.259m	104	U5	-7.77	0.259m
100	129	U5	-3.66	0.259m	129	U5	-12.63	0.259m