

■ 대표전고- 3주형

1) 합성 전

< BEFORE COMPOSITE SELF-WEIGHT LOAD >

SYSTEM
LENGTH=M FORCE=KN

JOINT

1 X= 0.000 Y=0.000 Z=0.000
2 X= 4.270 Y=0.000 Z=0.045
3 X= 9.270 Y=0.000 Z=0.097
4 X= 14.270 Y=0.000 Z=0.149
5 X= 19.270 Y=0.000 Z=0.201
6 X= 24.270 Y=0.000 Z=0.253
7 X= 29.270 Y=0.000 Z=0.305
8 X= 34.270 Y=0.000 Z=0.357
9 X= 39.270 Y=0.000 Z=0.410
10 X= 44.270 Y=0.000 Z=0.462
11 X= 49.270 Y=0.000 Z=0.514
12 X= 54.270 Y=0.000 Z=0.566
13 X= 59.270 Y=0.000 Z=0.618
14 X= 64.270 Y=0.000 Z=0.670
15 X= 69.270 Y=0.000 Z=0.722
16 X= 74.270 Y=0.000 Z=0.775
17 X= 79.270 Y=0.000 Z=0.827
18 X= 84.270 Y=0.000 Z=0.879
19 X= 89.270 Y=0.000 Z=0.931
20 X= 94.270 Y=0.000 Z=0.983
21 X= 99.270 Y=0.000 Z=1.035
22 X= 104.270 Y=0.000 Z=1.088
23 X= 109.270 Y=0.000 Z=1.140
24 X= 114.270 Y=0.000 Z=1.192
25 X= 119.270 Y=0.000 Z=1.244
26 X= 124.270 Y=0.000 Z=1.296
27 X= 129.270 Y=0.000 Z=1.348
28 X= 134.270 Y=0.000 Z=1.400
29 X= 139.270 Y=0.000 Z=1.453
30 X= 144.270 Y=0.000 Z=1.505
31 X= 149.270 Y=0.000 Z=1.557
32 X= 154.270 Y=0.000 Z=1.609
33 X= 159.270 Y=0.000 Z=1.661
34 X= 164.270 Y=0.000 Z=1.713
35 X= 169.270 Y=0.000 Z=1.765
36 X= 174.270 Y=0.000 Z=1.818
37 X= 179.270 Y=0.000 Z=1.870
38 X= 184.270 Y=0.000 Z=1.922
39 X= 189.270 Y=0.000 Z=1.974
40 X= 194.270 Y=0.000 Z=2.026
41 X= 199.270 Y=0.000 Z=2.078
42 X= 204.270 Y=0.000 Z=2.131
43 X= 208.840 Y=0.000 Z=2.178
44 X= 0.000 Y=-5.450 Z=-0.109
45 X= 4.270 Y=-5.450 Z=-0.064
46 X= 9.270 Y=-5.450 Z=-0.012
47 X= 14.270 Y=-5.450 Z=0.040
48 X= 19.270 Y=-5.450 Z=0.092
49 X= 24.270 Y=-5.450 Z=0.144
50 X= 29.270 Y=-5.450 Z=0.196
51 X= 34.270 Y=-5.450 Z=0.248
52 X= 39.270 Y=-5.450 Z=0.301
53 X= 44.270 Y=-5.450 Z=0.353
54 X= 49.270 Y=-5.450 Z=0.405
55 X= 54.270 Y=-5.450 Z=0.457
56 X= 59.270 Y=-5.450 Z=0.509
57 X= 64.270 Y=-5.450 Z=0.561
58 X= 69.270 Y=-5.450 Z=0.613
59 X= 74.270 Y=-5.450 Z=0.666
60 X= 79.270 Y=-5.450 Z=0.718
61 X= 84.270 Y=-5.450 Z=0.770
62 X= 89.270 Y=-5.450 Z=0.822
63 X= 94.270 Y=-5.450 Z=0.874
64 X= 99.270 Y=-5.450 Z=0.926
65 X= 104.270 Y=-5.450 Z=0.979
66 X= 109.270 Y=-5.450 Z=1.031
67 X= 114.270 Y=-5.450 Z=1.083
68 X= 119.270 Y=-5.450 Z=1.135
69 X= 124.270 Y=-5.450 Z=1.187

70 X= 129.270 Y=-5.450 Z=1.239
71 X= 134.270 Y=-5.450 Z=1.291
72 X= 139.270 Y=-5.450 Z=1.344
73 X= 144.270 Y=-5.450 Z=1.396
74 X= 149.270 Y=-5.450 Z=1.448
75 X= 154.270 Y=-5.450 Z=1.500
76 X= 159.270 Y=-5.450 Z=1.552
77 X= 164.270 Y=-5.450 Z=1.604
78 X= 169.270 Y=-5.450 Z=1.656
79 X= 174.270 Y=-5.450 Z=1.709
80 X= 179.270 Y=-5.450 Z=1.761
81 X= 184.270 Y=-5.450 Z=1.813
82 X= 189.270 Y=-5.450 Z=1.865
83 X= 194.270 Y=-5.450 Z=1.917
84 X= 199.270 Y=-5.450 Z=1.969
85 X= 204.270 Y=-5.450 Z=2.022
86 X= 208.840 Y=-5.450 Z=2.069
87 X= 0.000 Y=-10.900 Z=-0.218
88 X= 4.270 Y=-10.900 Z=-0.173
89 X= 9.270 Y=-10.900 Z=-0.121
90 X= 14.270 Y=-10.900 Z=-0.069
91 X= 19.270 Y=-10.900 Z=-0.017
92 X= 24.270 Y=-10.900 Z=0.035
93 X= 29.270 Y=-10.900 Z=0.087
94 X= 34.270 Y=-10.900 Z=0.139
95 X= 39.270 Y=-10.900 Z=0.192
96 X= 44.270 Y=-10.900 Z=0.244
97 X= 49.270 Y=-10.900 Z=0.296
98 X= 54.270 Y=-10.900 Z=0.348
99 X= 59.270 Y=-10.900 Z=0.400
100 X= 64.270 Y=-10.900 Z=0.452
101 X= 69.270 Y=-10.900 Z=0.504
102 X= 74.270 Y=-10.900 Z=0.557
103 X= 79.270 Y=-10.900 Z=0.609
104 X= 84.270 Y=-10.900 Z=0.661
105 X= 89.270 Y=-10.900 Z=0.713
106 X= 94.270 Y=-10.900 Z=0.765
107 X= 99.270 Y=-10.900 Z=0.817
108 X= 104.270 Y=-10.900 Z=0.870
109 X= 109.270 Y=-10.900 Z=0.922
110 X= 114.270 Y=-10.900 Z=0.974
111 X= 119.270 Y=-10.900 Z=1.026
112 X= 124.270 Y=-10.900 Z=1.078
113 X= 129.270 Y=-10.900 Z=1.130
114 X= 134.270 Y=-10.900 Z=1.182
115 X= 139.270 Y=-10.900 Z=1.235
116 X= 144.270 Y=-10.900 Z=1.287
117 X= 149.270 Y=-10.900 Z=1.339
118 X= 154.270 Y=-10.900 Z=1.391
119 X= 159.270 Y=-10.900 Z=1.443
120 X= 164.270 Y=-10.900 Z=1.495
121 X= 169.270 Y=-10.900 Z=1.547
122 X= 174.270 Y=-10.900 Z=1.600
123 X= 179.270 Y=-10.900 Z=1.652
124 X= 184.270 Y=-10.900 Z=1.704
125 X= 189.270 Y=-10.900 Z=1.756
126 X= 194.270 Y=-10.900 Z=1.808
127 X= 199.270 Y=-10.900 Z=1.860
128 X= 204.270 Y=-10.900 Z=1.913
129 X= 208.840 Y=-10.900 Z=1.960
130 X= 0.000 Y=-2.725 Z=-0.055
131 X= 4.270 Y=-2.725 Z=-0.010
132 X= 9.270 Y=-2.725 Z=0.042
133 X= 14.270 Y=-2.725 Z=0.094
134 X= 19.270 Y=-2.725 Z=0.146
135 X= 24.270 Y=-2.725 Z=0.199
136 X= 29.270 Y=-2.725 Z=0.251
137 X= 34.270 Y=-2.725 Z=0.303
138 X= 39.270 Y=-2.725 Z=0.355
139 X= 44.270 Y=-2.725 Z=0.407
140 X= 49.270 Y=-2.725 Z=0.459
141 X= 54.270 Y=-2.725 Z=0.512
142 X= 59.270 Y=-2.725 Z=0.564
143 X= 64.270 Y=-2.725 Z=0.616
144 X= 69.270 Y=-2.725 Z=0.668
145 X= 74.270 Y=-2.725 Z=0.720
146 X= 79.270 Y=-2.725 Z=0.772
147 X= 84.270 Y=-2.725 Z=0.824

148 X= 89.270 Y=-2.725 Z=0.877
149 X= 94.270 Y=-2.725 Z=0.929
150 X= 99.270 Y=-2.725 Z=0.981
151 X= 104.270 Y=-2.725 Z=1.033
152 X= 109.270 Y=-2.725 Z=1.085
153 X= 114.270 Y=-2.725 Z=1.137
154 X= 119.270 Y=-2.725 Z=1.189
155 X= 124.270 Y=-2.725 Z=1.242
156 X= 129.270 Y=-2.725 Z=1.294
157 X= 134.270 Y=-2.725 Z=1.346
158 X= 139.270 Y=-2.725 Z=1.398
159 X= 144.270 Y=-2.725 Z=1.450
160 X= 149.270 Y=-2.725 Z=1.502
161 X= 154.270 Y=-2.725 Z=1.555
162 X= 159.270 Y=-2.725 Z=1.607
163 X= 164.270 Y=-2.725 Z=1.659
164 X= 169.270 Y=-2.725 Z=1.711
165 X= 174.270 Y=-2.725 Z=1.763
166 X= 179.270 Y=-2.725 Z=1.815
167 X= 184.270 Y=-2.725 Z=1.867
168 X= 189.270 Y=-2.725 Z=1.920
169 X= 194.270 Y=-2.725 Z=1.972
170 X= 199.270 Y=-2.725 Z=2.024
171 X= 204.270 Y=-2.725 Z=2.076
172 X= 208.840 Y=-2.725 Z=2.124
173 X= 0.000 Y=0.000 Z=-0.800
174 X= 0.000 Y=0.950 Z=-0.800
175 X= 0.000 Y=-0.950 Z=-0.800
176 X= 49.270 Y=0.000 Z=-0.796
177 X= 49.270 Y=0.832 Z=-0.796
178 X= 49.270 Y=-0.832 Z=-0.796
179 X= 104.270 Y=0.000 Z=-0.212
180 X= 104.270 Y=0.832 Z=-0.212
181 X= 104.270 Y=-0.832 Z=-0.212
182 X= 159.270 Y=0.000 Z=0.361
183 X= 159.270 Y=0.832 Z=0.361
184 X= 159.270 Y=-0.832 Z=0.361
185 X= 208.840 Y=0.000 Z=1.378
186 X= 208.840 Y=0.950 Z=1.378
187 X= 208.840 Y=-0.950 Z=1.378
188 X= 0.000 Y=-5.450 Z=-0.909
189 X= 0.000 Y=-4.500 Z=-0.909
190 X= 0.000 Y=-6.400 Z=-0.909
191 X= 49.270 Y=-5.450 Z=-0.895
192 X= 49.270 Y=-4.618 Z=-0.895
193 X= 49.270 Y=-6.282 Z=-0.895
194 X= 104.270 Y=-5.450 Z=-0.321
195 X= 104.270 Y=-4.618 Z=-0.321
196 X= 104.270 Y=-6.282 Z=-0.321
197 X= 159.270 Y=-5.450 Z=0.252
198 X= 159.270 Y=-4.618 Z=0.252
199 X= 159.270 Y=-6.282 Z=0.252
200 X= 208.840 Y=-5.450 Z=1.269
201 X= 208.840 Y=-4.500 Z=1.269
202 X= 208.840 Y=-6.400 Z=1.269
203 X= 0.000 Y=-10.900 Z=-1.018
204 X= 0.000 Y=-9.950 Z=-1.018
205 X= 0.000 Y=-11.850 Z=-1.018
206 X= 49.270 Y=-10.900 Z=-1.004
207 X= 49.270 Y=-10.068 Z=-1.004
208 X= 49.270 Y=-11.732 Z=-1.004
209 X= 104.270 Y=-10.900 Z=-0.430
210 X= 104.270 Y=-10.068 Z=-0.430
211 X= 104.270 Y=-11.732 Z=-0.430
212 X= 159.270 Y=-10.900 Z=0.143
213 X= 159.270 Y=-10.068 Z=0.143
214 X= 159.270 Y=-11.732 Z=0.143
215 X= 208.840 Y=-10.900 Z=1.160
216 X= 208.840 Y=-9.950 Z=1.160
217 X= 208.840 Y=-11.850 Z=1.160

LOCAL

ADD= 174 ANG=-3.057
ADD= 175 ANG=-2.015
ADD= 177 ANG=-5.659
ADD= 178 ANG=-3.938
ADD= 180 ANG=0.000
ADD= 181 ANG=0.000

ADD= 183 ANG=-5.659
ADD= 184 ANG=-3.938
ADD= 186 ANG=-3.048
ADD= 187 ANG=-2.009
ADD= 189 ANG=-0.065
ADD= 190 ANG=0.065
ADD= 192 ANG=0.000
ADD= 193 ANG=0.000
ADD= 195 ANG=0.000
ADD= 196 ANG=0.000
ADD= 198 ANG=0.000
ADD= 199 ANG=0.000
ADD= 201 ANG=0.065
ADD= 202 ANG=-0.065
ADD= 204 ANG=2.015
ADD= 205 ANG=3.057
ADD= 207 ANG=3.938
ADD= 208 ANG=5.659
ADD= 210 ANG=0.000
ADD= 211 ANG=0.000
ADD= 213 ANG=-3.938
ADD= 214 ANG=-5.659
ADD= 216 ANG=-2.009
ADD= 217 ANG=-3.048

RESTRAINT

ADD= 174 DOF= U3,
ADD= 175 DOF= U3,
ADD= 177 DOF= U3,
ADD= 178 DOF= U3,
ADD= 180 DOF= U1, U3,
ADD= 181 DOF= U1, U3,
ADD= 183 DOF= U3,
ADD= 184 DOF= U3,
ADD= 186 DOF= U3,
ADD= 187 DOF= U3,
ADD= 189 DOF= U2, U3,
ADD= 190 DOF= U2, U3,
ADD= 192 DOF= U2, U3,
ADD= 193 DOF= U2, U3,
ADD= 195 DOF= U1, U2, U3,
ADD= 196 DOF= U1, U2, U3,
ADD= 198 DOF= U2, U3,
ADD= 199 DOF= U2, U3,
ADD= 201 DOF= U2, U3,
ADD= 202 DOF= U2, U3,
ADD= 204 DOF= U3,
ADD= 205 DOF= U3,
ADD= 207 DOF= U3,
ADD= 208 DOF= U3,
ADD= 210 DOF= U1, U3,
ADD= 211 DOF= U1, U3,
ADD= 213 DOF= U3,
ADD= 214 DOF= U3,
ADD= 216 DOF= U3,
ADD= 217 DOF= U3,

MATERIAL

Name=1
E=2.05e+008
Name=2
E=2.05e+008
Name=3
E=2.05e+008
Name=4
E=2.05e+008
Name=5
E=2.05e+008
Name=6
E=2.05e+008
Name=7
E=2.05e+008
Name=8
E=2.05e+008
Name=9
E=2.05e+008
Name=10
E=2.05e+008

Name=11
E=2.05e+008
Name=12
E=2.05e+008

FRAME SECTION

Name= 1 Mat= 1 A=0.11288 I=0.05709690, 0.09556516 J=0.08840475 : GRIDER
Name= 2 Mat= 2 A=0.11688 I=0.07351743, 0.10186530 J=0.10597931 : GRIDER
Name= 3 Mat= 3 A=0.13332 I=0.09652301, 0.11215071 J=0.11665893 : GRIDER
Name= 4 Mat= 4 A=0.12236 I=0.07622105, 0.10523377 J=0.11028916 : GRIDER
Name= 5 Mat= 5 A=0.14384 I=0.09529228, 0.11785706 J=0.12276725 : GRIDER
Name= 6 Mat= 6 A=0.16072 I=0.11034077, 0.13157086 J=0.13572976 : GRIDER
Name= 7 Mat= 7 A=0.19176 I=0.14336208, 0.15749471 J=0.17373900 : GRIDER
Name= 8 Mat= 8 A=0.20904 I=0.28354958, 0.19474474 J=0.28874875 : GRIDER
Name= 9 Mat= 9 A=0.13880 I=0.09185186, 0.11557918 J=0.12276725 : GRIDER
Name= 10 Mat= 10 A=0.01920 I=0.00284355, 0.00005414 J=0.00000092 : CROSSBEAM
Name= 11 Mat= 11 A=0.01920 I=0.00284355, 0.00005414 J=0.00000092 : STRINGER
Name= 12 Mat= 12 A=10.00000 I=10.00000000, 10.00000000 J=10.00000000 : SHOE
Name= 13 Type=Nonpr Sec= 1, 2 Elvar=2.1
Name= 14 Type=Nonpr Sec= 2, 1
Name= 15 Type=Nonpr Sec= 2, 3
Name= 16 Type=Nonpr Sec= 3, 2
Name= 17 Type=Nonpr Sec= 3, 4
Name= 18 Type=Nonpr Sec= 4, 3
Name= 19 Type=Nonpr Sec= 4, 5
Name= 20 Type=Nonpr Sec= 4, 9
Name= 21 Type=Nonpr Sec= 5, 4
Name= 22 Type=Nonpr Sec= 5, 6
Name= 23 Type=Nonpr Sec= 6, 5
Name= 24 Type=Nonpr Sec= 6, 7
Name= 25 Type=Nonpr Sec= 7, 6
Name= 26 Type=Nonpr Sec= 7, 8
Name= 27 Type=Nonpr Sec= 8, 7
Name= 28 Type=Nonpr Sec= 9, 6

FRAME

1 J= 1, 2 Sec=13 Local=12 Rdir=Z+X NSEG=4
2 J= 2, 3 Sec= 2
3 J= 3, 4 Sec=15
4 J= 4, 5 Sec= 3
5 J= 5, 6 Sec= 3
6 J= 6, 7 Sec=17
7 J= 7, 8 Sec=19
8 J= 8, 9 Sec=22
9 J= 9, 10 Sec=24
10 J= 10, 11 Sec=26
11 J= 11, 12 Sec=27
12 J= 12, 13 Sec=25
13 J= 13, 14 Sec=23
14 J= 14, 15 Sec=21
15 J= 15, 16 Sec= 4
16 J= 16, 17 Sec= 4
17 J= 17, 18 Sec= 4
18 J= 18, 19 Sec=20
19 J= 19, 20 Sec=28
20 J= 20, 21 Sec=24
21 J= 21, 22 Sec=26
22 J= 22, 23 Sec=27
23 J= 23, 24 Sec=25
24 J= 24, 25 Sec=23
25 J= 25, 26 Sec=21
26 J= 26, 27 Sec= 4
27 J= 27, 28 Sec= 4
28 J= 28, 29 Sec= 4
29 J= 29, 30 Sec=20
30 J= 30, 31 Sec=28
31 J= 31, 32 Sec=24
32 J= 32, 33 Sec=26
33 J= 33, 34 Sec=27
34 J= 34, 35 Sec=25
35 J= 35, 36 Sec=23
36 J= 36, 37 Sec=21
37 J= 37, 38 Sec=18
38 J= 38, 39 Sec= 3
39 J= 39, 40 Sec= 3
40 J= 40, 41 Sec=16
41 J= 41, 42 Sec= 2
42 J= 42, 43 Sec=14

- 5 -

121 J=123, 124 Sec=18
122 J=124, 125 Sec= 3
123 J=125, 126 Sec= 3
124 J=126, 127 Sec=16
125 J=127, 128 Sec= 2
126 J=128, 129 Sec=14
127 J= 1, 130 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
128 J=130, 44 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
129 J= 2, 131 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
130 J=131, 45 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
131 J= 3, 132 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
132 J=132, 46 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
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174 J=153, 67 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
175 J= 25, 154 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
176 J=154, 68 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
177 J= 26, 155 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
178 J=155, 69 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
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181 J= 28, 157 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
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183 J= 29, 158 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
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185 J= 30, 159 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
186 J=159, 73 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
187 J= 31, 160 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
188 J=160, 74 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
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191 J= 33, 162 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
192 J=162, 76 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
193 J= 34, 163 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
194 J=163, 77 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
195 J= 35, 164 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
196 J=164, 78 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
197 J= 36, 165 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
198 J=165, 79 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0

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43 J= 44, 45 Sec=13
44 J= 45, 46 Sec= 2
45 J= 46, 47 Sec=15
46 J= 47, 48 Sec= 3
47 J= 48, 49 Sec= 3
48 J= 49, 50 Sec=17
49 J= 50, 51 Sec=19
50 J= 51, 52 Sec=22
51 J= 52, 53 Sec=24
52 J= 53, 54 Sec=26
53 J= 54, 55 Sec=27
54 J= 55, 56 Sec=25
55 J= 56, 57 Sec=23
56 J= 57, 58 Sec=21
57 J= 58, 59 Sec= 4
58 J= 59, 60 Sec= 4
59 J= 60, 61 Sec= 4
60 J= 61, 62 Sec=20
61 J= 62, 63 Sec=28
62 J= 63, 64 Sec=24
63 J= 64, 65 Sec=26
64 J= 65, 66 Sec=27
65 J= 66, 67 Sec=25
66 J= 67, 68 Sec=23
67 J= 68, 69 Sec=21
68 J= 69, 70 Sec= 4
69 J= 70, 71 Sec= 4
70 J= 71, 72 Sec= 4
71 J= 72, 73 Sec=20
72 J= 73, 74 Sec=28
73 J= 74, 75 Sec=24
74 J= 75, 76 Sec=26
75 J= 76, 77 Sec=27
76 J= 77, 78 Sec=25
77 J= 78, 79 Sec=23
78 J= 79, 80 Sec=21
79 J= 80, 81 Sec=18
80 J= 81, 82 Sec= 3
81 J= 82, 83 Sec= 3
82 J= 83, 84 Sec=16
83 J= 84, 85 Sec= 2
84 J= 85, 86 Sec=14
85 J= 87, 88 Sec=13
86 J= 88, 89 Sec= 2
87 J= 89, 90 Sec=15
88 J= 90, 91 Sec= 3
89 J= 91, 92 Sec= 3
90 J= 92, 93 Sec=17
91 J= 93, 94 Sec=19
92 J= 94, 95 Sec=22
93 J= 95, 96 Sec=24
94 J= 96, 97 Sec=26
95 J= 97, 98 Sec=27
96 J= 98, 99 Sec=25
97 J= 99, 100 Sec=23
98 J=100, 101 Sec=21
99 J=101, 102 Sec= 4
100 J=102, 103 Sec= 4
101 J=103, 104 Sec= 4
102 J=104, 105 Sec=20
103 J=105, 106 Sec=28
104 J=106, 107 Sec=24
105 J=107, 108 Sec=26
106 J=108, 109 Sec=27
107 J=109, 110 Sec=25
108 J=110, 111 Sec=23
109 J=111, 112 Sec=21
110 J=112, 113 Sec= 4
111 J=113, 114 Sec= 4
112 J=114, 115 Sec= 4
113 J=115, 116 Sec=20
114 J=116, 117 Sec=28
115 J=117, 118 Sec=24
116 J=118, 119 Sec=26
117 J=119, 120 Sec=27
118 J=120, 121 Sec=25
119 J=121, 122 Sec=23
120 J=122, 123 Sec=21

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199 J= 37, 166 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
200 J=166, 80 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
201 J= 38, 167 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
202 J=167, 81 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
203 J= 39, 168 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
204 J=168, 82 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
205 J= 40, 169 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
206 J=169, 83 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
207 J= 41, 170 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
208 J=170, 84 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
209 J= 42, 171 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
210 J=171, 85 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
211 J= 43, 172 Sec=10 IOFF=1.250 JOFF=0.000 RIGID=1.0
212 J=172, 86 Sec=10 IOFF=0.000 JOFF=1.250 RIGID=1.0
213 J= 44, 87 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
214 J= 45, 88 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
215 J= 46, 89 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
216 J= 47, 90 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
217 J= 48, 91 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
218 J= 49, 92 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
219 J= 50, 93 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
220 J= 51, 94 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
221 J= 52, 95 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
222 J= 53, 96 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
223 J= 54, 97 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
224 J= 55, 98 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
225 J= 56, 99 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
226 J= 57, 100 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
227 J= 58, 101 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
228 J= 59, 102 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
229 J= 60, 103 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
230 J= 61, 104 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
231 J= 62, 105 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
232 J= 63, 106 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
233 J= 64, 107 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
234 J= 65, 108 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
235 J= 66, 109 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
236 J= 67, 110 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
237 J= 68, 111 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
238 J= 69, 112 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
239 J= 70, 113 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
240 J= 71, 114 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
241 J= 72, 115 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
242 J= 73, 116 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
243 J= 74, 117 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
244 J= 75, 118 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
245 J= 76, 119 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
246 J= 77, 120 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
247 J= 78, 121 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
248 J= 79, 122 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
249 J= 80, 123 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
250 J= 81, 124 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
251 J= 82, 125 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
252 J= 83, 126 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
253 J= 84, 127 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
254 J= 85, 128 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
255 J= 86, 129 Sec=10 IOFF=1.250 JOFF=1.250 RIGID=1.0
256 J=130, 131 Sec=11
257 J=131, 132 Sec=11
258 J=132, 133 Sec=11
259 J=133, 134 Sec=11
260 J=134, 135 Sec=11
261 J=135, 136 Sec=11
262 J=136, 137 Sec=11
263 J=137, 138 Sec=11
264 J=138, 139 Sec=11
265 J=139, 140 Sec=11
266 J=140, 141 Sec=11
267 J=141, 142 Sec=11
268 J=142, 143 Sec=11
269 J=143, 144 Sec=11
270 J=144, 145 Sec=11
271 J=145, 146 Sec=11
272 J=146, 147 Sec=11
273 J=147, 148 Sec=11
274 J=148, 149 Sec=11
275 J=149, 150 Sec=11
276 J=150, 151 Sec=11

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LOAD				
Name=STEEL ; STEEL SELF-WEIGHT LOAD				
Type=Distributed Span				
Add= 1	RD=0.000, 1.000	Uz p=	-12.738,	-13.190
Add= 2	RD=0.000, 1.000	Uz p=	13.190,	-13.190
Add= 3	RD=0.000, 1.000	Uz p=	13.190,	-15.045
Add= 4	RD=0.000, 1.000	Uz p=	15.045,	-15.045
Add= 5	RD=0.000, 1.000	Uz p=	15.045,	-15.045
Add= 6	RD=0.000, 1.000	Uz p=	15.045,	-13.808
Add= 7	RD=0.000, 1.000	Uz p=	13.808,	-16.232
Add= 8	RD=0.000, 1.000	Uz p=	16.232,	-18.137

[illegible]

Name-Conn: SLAB SELF-WEIGHT LOAD									
Type-Distributed Scan									
Add: 1	R=0.000, 0.000	0.457	Uto=58.875, -58.875	R1=-6.851, -6.851					
Add: 2	R=0.457, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 3	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 4	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 5	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 6	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 7	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 8	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 9	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 10	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 11	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 12	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 13	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 14	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 15	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 16	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 17	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 18	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					
Add: 19	R=0.000, 1.000	1.000	Uto=35.546, -35.546	R1=-4.482, -4.482					

[illegible][illegible][illegible]

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Add-204 RD=0.073, 0.541 Uzp=-0.838 -0.838
Add-205 RD=0.459, 0.927 Uzp=-0.524 -0.524
Add-206 RD=0.073, 0.541 Uzp=-0.838 -0.838
Add-207 RD=0.459, 0.927 Uzp=-0.524 -0.524
Add-208 RD=0.073, 0.541 Uzp=-0.838 -0.838
Add-209 RD=0.459, 0.927 Uzp=-0.524 -0.524
Add-210 RD=0.073, 0.541 Uzp=-0.838 -0.838
Add-214 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-215 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-216 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-217 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-218 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-219 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-220 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-221 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-222 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-223 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-224 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-225 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-226 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-227 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-228 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-229 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-230 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-231 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-232 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-233 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-234 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-235 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-236 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-237 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-238 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-239 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-240 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-241 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-242 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-243 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-244 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-245 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-246 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-247 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-248 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-249 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-250 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-251 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-252 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-253 RD=0.229, 0.771 Uzp=-0.842 -0.842
Add-254 RD=0.229, 0.771 Uzp=-0.842 -0.842

COMBO
Name=STEEL Type=ADD :
LOAD=STEEL sf=1.000

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

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

72 X= 139.270 Y=-5.450 Z=1.344
73 X= 144.270 Y=-5.450 Z=1.396
74 X= 149.270 Y=-5.450 Z=1.448
75 X= 154.270 Y=-5.450 Z=1.500
76 X= 159.270 Y=-5.450 Z=1.552
77 X= 164.270 Y=-5.450 Z=1.604
78 X= 169.270 Y=-5.450 Z=1.656
79 X= 174.270 Y=-5.450 Z=1.709
80 X= 179.270 Y=-5.450 Z=1.761
81 X= 184.270 Y=-5.450 Z=1.813
82 X= 189.270 Y=-5.450 Z=1.865
83 X= 194.270 Y=-5.450 Z=1.917
84 X= 199.270 Y=-5.450 Z=1.969
85 X= 204.270 Y=-5.450 Z=2.022
86 X= 208.840 Y=-5.450 Z=2.069
87 X= 0.000 Y=-10.900 Z=-0.218
88 X= 4.270 Y=-10.900 Z=-0.173
89 X= 9.270 Y=-10.900 Z=-0.121
90 X= 14.270 Y=-10.900 Z=-0.069
91 X= 19.270 Y=-10.900 Z=-0.017
92 X= 24.270 Y=-10.900 Z=0.035
93 X= 29.270 Y=-10.900 Z=0.087
94 X= 34.270 Y=-10.900 Z=0.139
95 X= 39.270 Y=-10.900 Z=0.192
96 X= 44.270 Y=-10.900 Z=0.244
97 X= 49.270 Y=-10.900 Z=0.296
98 X= 54.270 Y=-10.900 Z=0.348
99 X= 59.270 Y=-10.900 Z=0.400
100 X= 64.270 Y=-10.900 Z=0.452
101 X= 69.270 Y=-10.900 Z=0.504
102 X= 74.270 Y=-10.900 Z=0.557
103 X= 79.270 Y=-10.900 Z=0.609
104 X= 84.270 Y=-10.900 Z=0.661
105 X= 89.270 Y=-10.900 Z=0.713
106 X= 94.270 Y=-10.900 Z=0.765
107 X= 99.270 Y=-10.900 Z=0.817
108 X= 104.270 Y=-10.900 Z=0.870
109 X= 109.270 Y=-10.900 Z=0.922
110 X= 114.270 Y=-10.900 Z=0.974
111 X= 119.270 Y=-10.900 Z=1.026
112 X= 124.270 Y=-10.900 Z=1.078
113 X= 129.270 Y=-10.900 Z=1.130
114 X= 134.270 Y=-10.900 Z=1.182
115 X= 139.270 Y=-10.900 Z=1.235
116 X= 144.270 Y=-10.900 Z=1.287
117 X= 149.270 Y=-10.900 Z=1.339
118 X= 154.270 Y=-10.900 Z=1.391
119 X= 159.270 Y=-10.900 Z=1.443
120 X= 164.270 Y=-10.900 Z=1.495
121 X= 169.270 Y=-10.900 Z=1.547
122 X= 174.270 Y=-10.900 Z=1.600
123 X= 179.270 Y=-10.900 Z=1.652
124 X= 184.270 Y=-10.900 Z=1.704
125 X= 189.270 Y=-10.900 Z=1.756
126 X= 194.270 Y=-10.900 Z=1.808
127 X= 199.270 Y=-10.900 Z=1.860
128 X= 204.270 Y=-10.900 Z=1.913
129 X= 208.840 Y=-10.900 Z=1.960
130 X= -0.000 Y=-2.725 Z=-0.055
131 X= 4.270 Y=-2.725 Z=-0.010
132 X= 9.270 Y=-2.725 Z=0.042
133 X= 14.270 Y=-2.725 Z=0.094
134 X= 19.270 Y=-2.725 Z=0.146
135 X= 24.270 Y=-2.725 Z=0.199
136 X= 29.270 Y=-2.725 Z=0.251
137 X= 34.270 Y=-2.725 Z=0.303
138 X= 39.270 Y=-2.725 Z=0.355
139 X= 44.270 Y=-2.725 Z=0.407
140 X= 49.270 Y=-2.725 Z=0.459
141 X= 54.270 Y=-2.725 Z=0.512
142 X= 59.270 Y=-2.725 Z=0.564
143 X= 64.270 Y=-2.725 Z=0.616
144 X= 69.270 Y=-2.725 Z=0.668
145 X= 74.270 Y=-2.725 Z=0.720
146 X= 79.270 Y=-2.725 Z=0.772
147 X= 84.270 Y=-2.725 Z=0.824
148 X= 89.270 Y=-2.725 Z=0.877
149 X= 94.270 Y=-2.725 Z=0.929

2. 합성 부

< AFTER COMPOSITE SELF-WEIGHT LOAD >

SYSTEM
LENGTH=M FORCE=KN

JOINT
1 X= 0.000 Y=0.000 Z=0.000
2 X= 4.270 Y=0.000 Z=0.045
3 X= 9.270 Y=0.000 Z=0.097
4 X= 14.270 Y=0.000 Z=0.149
5 X= 19.270 Y=0.000 Z=0.201
6 X= 24.270 Y=0.000 Z=0.253
7 X= 29.270 Y=0.000 Z=0.305
8 X= 34.270 Y=0.000 Z=0.357
9 X= 39.270 Y=0.000 Z=0.410
10 X= 44.270 Y=0.000 Z=0.462
11 X= 49.270 Y=0.000 Z=0.514
12 X= 54.270 Y=0.000 Z=0.566
13 X= 59.270 Y=0.000 Z=0.618
14 X= 64.270 Y=0.000 Z=0.670
15 X= 69.270 Y=0.000 Z=0.722
16 X= 74.270 Y=0.000 Z=0.775
17 X= 79.270 Y=0.000 Z=0.827
18 X= 84.270 Y=0.000 Z=0.879
19 X= 89.270 Y=0.000 Z=0.931
20 X= 94.270 Y=0.000 Z=0.983
21 X= 99.270 Y=0.000 Z=1.035
22 X= 104.270 Y=0.000 Z=1.088
23 X= 109.270 Y=0.000 Z=1.140
24 X= 114.270 Y=0.000 Z=1.192
25 X= 119.270 Y=0.000 Z=1.244
26 X= 124.270 Y=0.000 Z=1.296
27 X= 129.270 Y=0.000 Z=1.348
28 X= 134.270 Y=0.000 Z=1.400
29 X= 139.270 Y=0.000 Z=1.453
30 X= 144.270 Y=0.000 Z=1.505
31 X= 149.270 Y=0.000 Z=1.557
32 X= 154.270 Y=0.000 Z=1.609
33 X= 159.270 Y=0.000 Z=1.661
34 X= 164.270 Y=0.000 Z=1.713
35 X= 169.270 Y=0.000 Z=1.765
36 X= 174.270 Y=0.000 Z=1.818
37 X= 179.270 Y=0.000 Z=1.870
38 X= 184.270 Y=0.000 Z=1.922
39 X= 189.270 Y=0.000 Z=1.974
40 X= 194.270 Y=0.000 Z=2.026
41 X= 199.270 Y=0.000 Z=2.078
42 X= 204.270 Y=0.000 Z=2.131
43 X= 208.840 Y=0.000 Z=2.178
44 X= 0.000 Y=-5.450 Z=-0.109
45 X= 4.270 Y=-5.450 Z=-0.064
46 X= 9.270 Y=-5.450 Z=-0.012
47 X= 14.270 Y=-5.450 Z=0.040
48 X= 19.270 Y=-5.450 Z=0.092
49 X= 24.270 Y=-5.450 Z=0.144
50 X= 29.270 Y=-5.450 Z=0.196
51 X= 34.270 Y=-5.450 Z=0.248
52 X= 39.270 Y=-5.450 Z=0.301
53 X= 44.270 Y=-5.450 Z=0.353
54 X= 49.270 Y=-5.450 Z=0.405
55 X= 54.270 Y=-5.450 Z=0.457
56 X= 59.270 Y=-5.450 Z=0.509
57 X= 64.270 Y=-5.450 Z=0.561
58 X= 69.270 Y=-5.450 Z=0.613
59 X= 74.270 Y=-5.450 Z=0.666
60 X= 79.270 Y=-5.450 Z=0.718
61 X= 84.270 Y=-5.450 Z=0.770
62 X= 89.270 Y=-5.450 Z=0.822
63 X= 94.270 Y=-5.450 Z=0.874
64 X= 99.270 Y=-5.450 Z=0.926
65 X= 104.270 Y=-5.450 Z=0.979
66 X= 109.270 Y=-5.450 Z=1.031
67 X= 114.270 Y=-5.450 Z=1.083
68 X= 119.270 Y=-5.450 Z=1.135
69 X= 124.270 Y=-5.450 Z=1.187
70 X= 129.270 Y=-5.450 Z=1.239
71 X= 134.270 Y=-5.450 Z=1.291

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156 X= 129.270 Y=-2.725 Z=1.294
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171 X= 204.270 Y=-2.725 Z=2.076
172 X= 208.840 Y=-2.725 Z=2.124
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COMBO
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LOAD=AFTER sf=1.000

OUTPUT
ELEM=JOINT TYPE=DISP.REAC LOAD=> COMB=>
ELEM=FRAME TYPE=FORCE LOAD=> COMB=>

3. 물하중 재하시 < MOVING LOAD >

SYSTEM
LENGTH=M FORCE=KN

JOINT
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4 X= 14.270 Y=0.000 Z=0.149
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6 X= 24.270 Y=0.000 Z=0.253
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8 X= 34.270 Y=0.000 Z=0.357
9 X= 39.270 Y=0.000 Z=0.410
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11 X= 49.270 Y=0.000 Z=0.514
12 X= 54.270 Y=0.000 Z=0.566
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23 X= 109.270 Y=0.000 Z=1.140
24 X= 114.270 Y=0.000 Z=1.192
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33 X= 159.270 Y=0.000 Z=1.661
34 X= 164.270 Y=0.000 Z=1.713
35 X= 169.270 Y=0.000 Z=1.765
36 X= 174.270 Y=0.000 Z=1.818
37 X= 179.270 Y=0.000 Z=1.870
38 X= 184.270 Y=0.000 Z=1.922
39 X= 189.270 Y=0.000 Z=1.974
40 X= 194.270 Y=0.000 Z=2.026
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116 X= 144.270 Y=-10.900 Z=1.287
117 X= 149.270 Y=-10.900 Z=1.339
118 X= 154.270 Y=-10.900 Z=1.391
119 X= 159.270 Y=-10.900 Z=1.443
120 X= 164.270 Y=-10.900 Z=1.495
121 X= 169.270 Y=-10.900 Z=1.547
122 X= 174.270 Y=-10.900 Z=1.600
123 X= 179.270 Y=-10.900 Z=1.652
124 X= 184.270 Y=-10.900 Z=1.704
125 X= 189.270 Y=-10.900 Z=1.756
126 X= 194.270 Y=-10.900 Z=1.808
127 X= 199.270 Y=-10.900 Z=1.860
128 X= 204.270 Y=-10.900 Z=1.913
129 X= 208.840 Y=-10.900 Z=1.960
130 X= 0.000 Y=-2.725 Z=-0.055
131 X= 4.270 Y=-2.725 Z=-0.010
132 X= 9.270 Y=-2.725 Z=0.042
133 X= 14.270 Y=-2.725 Z=0.094
134 X= 19.270 Y=-2.725 Z=0.146
135 X= 24.270 Y=-2.725 Z=0.199
136 X= 29.270 Y=-2.725 Z=0.251
137 X= 34.270 Y=-2.725 Z=0.303
138 X= 39.270 Y=-2.725 Z=0.355
139 X= 44.270 Y=-2.725 Z=0.407
140 X= 49.270 Y=-2.725 Z=0.459
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143 X= 64.270 Y=-2.725 Z=0.616
144 X= 69.270 Y=-2.725 Z=0.668
145 X= 74.270 Y=-2.725 Z=0.720
146 X= 79.270 Y=-2.725 Z=0.772
147 X= 84.270 Y=-2.725 Z=0.824
148 X= 89.270 Y=-2.725 Z=0.877
149 X= 94.270 Y=-2.725 Z=0.929

150 X= 99.270 Y=-2.725 Z=0.981
151 X= 104.270 Y=-2.725 Z=1.033
152 X= 109.270 Y=-2.725 Z=1.085
153 X= 114.270 Y=-2.725 Z=1.137
154 X= 119.270 Y=-2.725 Z=1.189
155 X= 124.270 Y=-2.725 Z=1.242
156 X= 129.270 Y=-2.725 Z=1.294
157 X= 134.270 Y=-2.725 Z=1.346
158 X= 139.270 Y=-2.725 Z=1.398
159 X= 144.270 Y=-2.725 Z=1.450
160 X= 149.270 Y=-2.725 Z=1.502
161 X= 154.270 Y=-2.725 Z=1.555
162 X= 159.270 Y=-2.725 Z=1.607
163 X= 164.270 Y=-2.725 Z=1.659
164 X= 169.270 Y=-2.725 Z=1.711
165 X= 174.270 Y=-2.725 Z=1.763
166 X= 179.270 Y=-2.725 Z=1.815
167 X= 184.270 Y=-2.725 Z=1.867
168 X= 189.270 Y=-2.725 Z=1.920
169 X= 194.270 Y=-2.725 Z=1.972
170 X= 199.270 Y=-2.725 Z=2.024
171 X= 204.270 Y=-2.725 Z=2.076
172 X= 208.840 Y=-2.725 Z=2.124
173 X= 0.000 Y=0.000 Z=-0.800
174 X= 0.000 Y=0.950 Z=-0.800
175 X= 0.000 Y=-0.950 Z=-0.800
176 X= 49.270 Y=0.000 Z=-0.786
177 X= 49.270 Y=0.832 Z=-0.786
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188 X= 0.000 Y=-5.450 Z=-0.909
189 X= 0.000 Y=-4.500 Z=-0.909
190 X= 0.000 Y=-6.400 Z=-0.909
191 X= 49.270 Y=-5.450 Z=-0.895
192 X= 49.270 Y=-4.618 Z=-0.895
193 X= 49.270 Y=-6.282 Z=-0.895
194 X= 104.270 Y=-5.450 Z=-0.321
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196 X= 104.270 Y=-6.282 Z=-0.321
197 X= 159.270 Y=-5.450 Z=-0.252
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201 X= 208.840 Y=-4.500 Z=1.269
202 X= 208.840 Y=-6.400 Z=1.269
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204 X= 0.000 Y=-9.950 Z=-1.018
205 X= 0.000 Y=-11.850 Z=-1.018
206 X= 49.270 Y=-10.900 Z=-1.004
207 X= 49.270 Y=-10.068 Z=-1.004
208 X= 49.270 Y=-11.732 Z=-1.004
209 X= 104.270 Y=-10.900 Z=-0.430
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216 X= 208.840 Y=-9.950 Z=1.160
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Name= 3 Mat= 3 A=0.31395 I=0.19018328, 0.51025786 J=0.15136728 : GIRDER
Name= 4 Mat= 4 A=0.30299 I=0.16464513, 0.50330469 J=0.14108490 : GIRDER
Name= 5 Mat= 5 A=0.32447 I=0.16877021, 0.51605047 J=0.14796578 : GIRDER
Name= 6 Mat= 6 A=0.34135 I=0.21426466, 0.52989157 J=0.15803023 : GIRDER
Name= 7 Mat= 7 A=0.37239 I=0.26462225, 0.55600938 J=0.19942405 : GIRDER
Name= 8 Mat= 8 A=0.38967 I=0.50373200, 0.59339899 J=0.29969321 : GIRDER
Name= 9 Mat= 9 A=0.31943 I=0.17860084, 0.51373197 J=0.14796578 : GIRDER
Name= 10 Mat= 10 A=0.30478 I=0.12133837, 0.57056113 J=0.11376489 : GIRDER
Name= 11 Mat= 11 A=0.30878 I=0.15309364, 0.57686126 J=0.13427272 : GIRDER
Name= 12 Mat= 12 A=0.32522 I=0.19296961, 0.58714667 J=0.15136728 : GIRDER
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Name= 14 Mat= 14 A=0.33574 I=0.19130189, 0.59285303 J=0.14796578 : GIRDER
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Name= 27 Mat= 27 A=0.32084 I=0.17889763, 0.52280518 J=0.14796578 : GIRDER
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Name= 33 Type=Nonpr Sec= 2, 3
Name= 34 Type=Nonpr Sec= 3, 2
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Name= 36 Type=Nonpr Sec= 4, 3
Name= 37 Type=Nonpr Sec= 4, 5
Name= 38 Type=Nonpr Sec= 4, 9

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ADD= 189 ANG=-0.065
ADD= 190 ANG=0.065
ADD= 192 ANG=0.000
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ADD= 202 ANG=-0.065
ADD= 204 ANG=2.015
ADD= 205 ANG=3.057
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ADD= 187 DOF= U3,
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ADD= 190 DOF= U2, U3,
ADD= 192 DOF= U2, U3,
ADD= 193 DOF= U2, U3,
ADD= 195 DOF= U1, U2, U3,
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3 J= 3, 4 Sec=33
4 J= 4, 5 Sec=3
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8 J= 8, 9 Sec=40
9 J= 9, 10 Sec=42
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- 37 -

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266 J=140, 141 Sec=29
267 J=141, 142 Sec=29
268 J=142, 143 Sec=29
269 J=143, 144 Sec=29
270 J=144, 145 Sec=29

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115 J=117, 118 Sec=74
116 J=118, 119 Sec=76
117 J=119, 120 Sec=77
118 J=120, 121 Sec=75
119 J=121, 122 Sec=73
120 J=122, 123 Sec=71
121 J=123, 124 Sec=68
122 J=124, 125 Sec=21
123 J=125, 126 Sec=21
124 J=126, 127 Sec=66
125 J=127, 128 Sec=20
126 J=128, 129 Sec=64
127 J= 1, 130 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
128 J=130, 44 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
129 J= 2, 131 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
130 J=131, 45 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
131 J= 3, 132 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
132 J=132, 46 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
133 J= 4, 133 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
134 J=133, 47 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
135 J= 5, 134 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
136 J=134, 48 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
137 J= 6, 135 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
138 J=135, 49 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
139 J= 7, 136 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
140 J=136, 50 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
141 J= 8, 137 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
142 J=137, 51 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
143 J= 9, 138 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
144 J=138, 52 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
145 J=10, 139 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
146 J=139, 53 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
147 J=11, 140 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
148 J=140, 54 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
149 J=12, 141 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
150 J=141, 55 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
151 J=13, 142 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
152 J=142, 56 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
153 J=14, 143 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
154 J=143, 57 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
155 J=15, 144 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
156 J=144, 58 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
157 J=16, 145 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
158 J=145, 59 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
159 J=17, 146 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
160 J=146, 60 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
161 J=18, 147 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
162 J=147, 61 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
163 J=19, 148 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
164 J=148, 62 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
165 J=20, 149 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
166 J=149, 63 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
167 J=21, 150 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
168 J=150, 64 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
169 J=22, 151 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
170 J=151, 65 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
171 J=23, 152 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
172 J=152, 66 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
173 J=24, 153 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
174 J=153, 67 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
175 J=25, 154 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
176 J=154, 68 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
177 J=26, 155 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
178 J=155, 69 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
179 J=27, 156 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
180 J=156, 70 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
181 J=28, 157 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
182 J=157, 71 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
183 J=29, 158 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
184 J=158, 72 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
185 J=30, 159 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
186 J=159, 73 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
187 J=31, 160 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
188 J=160, 74 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
189 J=32, 161 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
190 J=161, 75 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
191 J=33, 162 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
192 J=162, 76 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0

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271 J=145, 146 Sec=29
272 J=146, 147 Sec=29
273 J=147, 148 Sec=29
274 J=148, 149 Sec=29
275 J=149, 150 Sec=29
276 J=150, 151 Sec=29
277 J=151, 152 Sec=29
278 J=152, 153 Sec=29
279 J=153, 154 Sec=29
280 J=154, 155 Sec=29
281 J=155, 156 Sec=29
282 J=156, 157 Sec=29
283 J=157, 158 Sec=29
284 J=158, 159 Sec=29
285 J=159, 160 Sec=29
286 J=160, 161 Sec=29
287 J=161, 162 Sec=29
288 J=162, 163 Sec=29
289 J=163, 164 Sec=29
290 J=164, 165 Sec=29
291 J=165, 166 Sec=29
292 J=166, 167 Sec=29
293 J=167, 168 Sec=29
294 J=168, 169 Sec=29
295 J=169, 170 Sec=29
296 J=170, 171 Sec=29
297 J=171, 172 Sec=29
298 J= 1, 173 Sec=30
299 J=174, 173 Sec=30
300 J=175, 173 Sec=30
301 J= 11, 176 Sec=30
302 J=177, 176 Sec=30
303 J=178, 176 Sec=30
304 J= 22, 179 Sec=30
305 J=180, 179 Sec=30
306 J=181, 179 Sec=30
307 J= 33, 182 Sec=30
308 J=183, 182 Sec=30
309 J=184, 182 Sec=30
310 J= 43, 185 Sec=30
311 J=186, 185 Sec=30
312 J=187, 185 Sec=30
313 J= 44, 188 Sec=30
314 J=189, 188 Sec=30
315 J=190, 188 Sec=30
316 J= 54, 191 Sec=30
317 J=192, 191 Sec=30
318 J=193, 191 Sec=30
319 J= 65, 194 Sec=30
320 J=195, 194 Sec=30
321 J=196, 194 Sec=30
322 J= 76, 197 Sec=30
323 J=198, 197 Sec=30
324 J=199, 197 Sec=30
325 J= 86, 200 Sec=30
326 J=201, 200 Sec=30
327 J=202, 200 Sec=30
328 J= 87, 203 Sec=30
329 J=204, 203 Sec=30
330 J=205, 203 Sec=30
331 J= 97, 206 Sec=30
332 J=207, 206 Sec=30
333 J=208, 206 Sec=30
334 J=108, 209 Sec=30
335 J=210, 209 Sec=30
336 J=211, 209 Sec=30
337 J=119, 212 Sec=30
338 J=213, 212 Sec=30
339 J=214, 212 Sec=30
340 J=129, 215 Sec=30
341 J=216, 215 Sec=30
342 J=217, 215 Sec=30

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; Case = 1 ----- GI Max DB 1 인
Name=LTGI
Path= 1, 10, 1, Ecc=0.164
Path= 11, 21, 1, Ecc=0.164

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Path= 22, 32, 1, Ecc=0.164
Path= 33, 42, 1, Ecc=0.164
Name=L1G1S1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L1G2
Path= 43, 52, 1, Ecc=1.616
Path= 53, 63, 1, Ecc=1.616
Path= 64, 74, 1, Ecc=1.616
Path= 75, 84, 1, Ecc=1.616
Name=L1G3
Path= 85, 94, 1, Ecc=1.878
Path= 95, 105, 1, Ecc=1.878
Path= 106, 116, 1, Ecc=1.878
Path= 117, 126, 1, Ecc=1.878

: Case = 2 ----- G1 Max DB 2선
Name=L2G1
Path= 1, 10, 1, Ecc=-0.003
Path= 11, 21, 1, Ecc=-0.003
Path= 22, 32, 1, Ecc=-0.003
Path= 33, 42, 1, Ecc=-0.003
Name=L2G1S1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L2G2
Path= 43, 52, 1, Ecc=1.312
Path= 53, 63, 1, Ecc=1.312
Path= 64, 74, 1, Ecc=1.312
Path= 75, 84, 1, Ecc=1.312
Name=L2G3
Path= 85, 94, 1, Ecc=1.873
Path= 95, 105, 1, Ecc=1.873
Path= 106, 116, 1, Ecc=1.873
Path= 117, 126, 1, Ecc=1.873

: Case = 3 ----- G1 Max DB 3선
Name=L3G1
Path= 1, 10, 1, Ecc=-0.014
Path= 11, 21, 1, Ecc=-0.014
Path= 22, 32, 1, Ecc=-0.014
Path= 33, 42, 1, Ecc=-0.014
Name=L3G1S1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L3G2
Path= 43, 52, 1, Ecc=-0.187
Path= 53, 63, 1, Ecc=-0.187
Path= 64, 74, 1, Ecc=-0.187
Path= 75, 84, 1, Ecc=-0.187
Name=L3G3
Path= 85, 94, 1, Ecc=1.781
Path= 95, 105, 1, Ecc=1.781
Path= 106, 116, 1, Ecc=1.781
Path= 117, 126, 1, Ecc=1.781

: Case = 4 ----- G1 Max DB 4선
Name=L4G1
Path= 1, 10, 1, Ecc=-0.015
Path= 11, 21, 1, Ecc=-0.015
Path= 22, 32, 1, Ecc=-0.015
Path= 33, 42, 1, Ecc=-0.015
Name=L4G1S1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L4G2
Path= 43, 52, 1, Ecc=-0.159
Path= 53, 63, 1, Ecc=-0.159
Path= 64, 74, 1, Ecc=-0.159
Path= 75, 84, 1, Ecc=-0.159

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Name=L8G1S1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L8G2
Path= 43, 52, 1, Ecc=-2.859
Path= 53, 63, 1, Ecc=-2.859
Path= 64, 74, 1, Ecc=-2.859
Path= 75, 84, 1, Ecc=-2.859
Name=L8G3
Path= 85, 94, 1, Ecc=-0.331
Path= 95, 105, 1, Ecc=-0.331
Path= 106, 116, 1, Ecc=-0.331
Path= 117, 126, 1, Ecc=-0.331

: Case = 9 ----- G3 Max DB 2선
Name=L9G1
Path= 1, 10, 1, Ecc=-1.472
Path= 11, 21, 1, Ecc=-1.472
Path= 22, 32, 1, Ecc=-1.472
Path= 33, 42, 1, Ecc=-1.472
Name=L9G1S1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L9G2
Path= 43, 52, 1, Ecc=-1.639
Path= 53, 63, 1, Ecc=-1.639
Path= 64, 74, 1, Ecc=-1.639
Path= 75, 84, 1, Ecc=-1.639
Name=L9G3
Path= 85, 94, 1, Ecc=0.180
Path= 95, 105, 1, Ecc=0.180
Path= 106, 116, 1, Ecc=0.180
Path= 117, 126, 1, Ecc=0.180

: Case = 10 ----- G3 Max DB 3선
Name=L10G1
Path= 1, 10, 1, Ecc=-1.472
Path= 11, 21, 1, Ecc=-1.472
Path= 22, 32, 1, Ecc=-1.472
Path= 33, 42, 1, Ecc=-1.472
Name=L10G1S1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L10G2
Path= 43, 52, 1, Ecc=-0.213
Path= 53, 63, 1, Ecc=-0.213
Path= 64, 74, 1, Ecc=-0.213
Path= 75, 84, 1, Ecc=-0.213
Name=L10G3
Path= 85, 94, 1, Ecc=-0.151
Path= 95, 105, 1, Ecc=-0.151
Path= 106, 116, 1, Ecc=-0.151
Path= 117, 126, 1, Ecc=-0.151

: Case = 11 ----- G3 Max DB 4선
Name=L11G1
Path= 1, 10, 1, Ecc=-0.629
Path= 11, 21, 1, Ecc=-0.629
Path= 22, 32, 1, Ecc=-0.629
Path= 33, 42, 1, Ecc=-0.629
Name=L11G1S1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L11G2
Path= 43, 52, 1, Ecc=-0.203
Path= 53, 63, 1, Ecc=-0.203
Path= 64, 74, 1, Ecc=-0.203
Path= 75, 84, 1, Ecc=-0.203
Name=L11G3
Path= 85, 94, 1, Ecc=0.152

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Name=L4G3
Path= 95, 105, 1, Ecc=0.715
Path= 106, 116, 1, Ecc=0.715
Path= 117, 126, 1, Ecc=0.715

: Case = 5 ----- G2 Max DB 1선
Name=L5G1
Path= 1, 10, 1, Ecc=-1.472
Path= 11, 21, 1, Ecc=-1.472
Path= 22, 32, 1, Ecc=-1.472
Path= 33, 42, 1, Ecc=-1.472
Name=L5G1S1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L5G2
Path= 43, 52, 1, Ecc=1.08
Path= 53, 63, 1, Ecc=1.08
Path= 64, 74, 1, Ecc=1.08
Path= 75, 84, 1, Ecc=1.08
Name=L5G3
Path= 85, 94, 1, Ecc=1.872
Path= 95, 105, 1, Ecc=1.872
Path= 106, 116, 1, Ecc=1.872
Path= 117, 126, 1, Ecc=1.872

: Case = 6 ----- G2 Max DB 2선
Name=L6G1
Path= 1, 10, 1, Ecc=-1.472
Path= 11, 21, 1, Ecc=-1.472
Path= 22, 32, 1, Ecc=-1.472
Path= 33, 42, 1, Ecc=-1.472
Name=L6G1S1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L6G2
Path= 43, 52, 1, Ecc=-0.183
Path= 53, 63, 1, Ecc=-0.183
Path= 64, 74, 1, Ecc=-0.183
Path= 75, 84, 1, Ecc=-0.183
Name=L6G3
Path= 85, 94, 1, Ecc=1.733
Path= 95, 105, 1, Ecc=1.733
Path= 106, 116, 1, Ecc=1.733
Path= 117, 126, 1, Ecc=1.733

: Case = 7 ----- G2 Max DB 3선
Name=L7G1
Path= 1, 10, 1, Ecc=-1.135
Path= 11, 21, 1, Ecc=-1.135
Path= 22, 32, 1, Ecc=-1.135
Path= 33, 42, 1, Ecc=-1.135
Name=L7G1S1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L7G2
Path= 43, 52, 1, Ecc=-0.234
Path= 53, 63, 1, Ecc=-0.234
Path= 64, 74, 1, Ecc=-0.234
Path= 75, 84, 1, Ecc=-0.234
Name=L7G3
Path= 85, 94, 1, Ecc=1.255
Path= 95, 105, 1, Ecc=1.255
Path= 106, 116, 1, Ecc=1.255
Path= 117, 126, 1, Ecc=1.255

: Case = 8 ----- G3 Max DB 1선
Name=L8G1
Path= 1, 10, 1, Ecc=-1.472
Path= 11, 21, 1, Ecc=-1.472
Path= 22, 32, 1, Ecc=-1.472
Path= 33, 42, 1, Ecc=-1.472

Path= 95, 105, 1, Ecc=0.152
Path= 106, 116, 1, Ecc=0.152
Path= 117, 126, 1, Ecc=0.152

: Case = 12 ----- G1 Max DL 1선
Name=L12G1
Path= 1, 10, 1, Ecc=0.152
Path= 11, 21, 1, Ecc=0.152
Path= 22, 32, 1, Ecc=0.152
Path= 33, 42, 1, Ecc=0.152
Name=L12G1S1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L12G2
Path= 43, 52, 1, Ecc=1.616
Path= 53, 63, 1, Ecc=1.616
Path= 64, 74, 1, Ecc=1.616
Path= 75, 84, 1, Ecc=1.616
Name=L12G3
Path= 85, 94, 1, Ecc=1.870
Path= 95, 105, 1, Ecc=1.870
Path= 106, 116, 1, Ecc=1.870
Path= 117, 126, 1, Ecc=1.870

: Case = 13 ----- G1 Max DL 2선
Name=L13G1
Path= 1, 10, 1, Ecc=0.033
Path= 11, 21, 1, Ecc=0.033
Path= 22, 32, 1, Ecc=0.033
Path= 33, 42, 1, Ecc=0.033
Name=L13G1S1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L13G2
Path= 43, 52, 1, Ecc=1.295
Path= 53, 63, 1, Ecc=1.295
Path= 64, 74, 1, Ecc=1.295
Path= 75, 84, 1, Ecc=1.295
Name=L13G3
Path= 85, 94, 1, Ecc=1.872
Path= 95, 105, 1, Ecc=1.872
Path= 106, 116, 1, Ecc=1.872
Path= 117, 126, 1, Ecc=1.872

: Case = 14 ----- G1 Max DL 3선
Name=L14G1
Path= 1, 10, 1, Ecc=0.023
Path= 11, 21, 1, Ecc=0.023
Path= 22, 32, 1, Ecc=0.023
Path= 33, 42, 1, Ecc=0.023
Name=L14G1S1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L14G2
Path= 43, 52, 1, Ecc=-0.273
Path= 53, 63, 1, Ecc=-0.273
Path= 64, 74, 1, Ecc=-0.273
Path= 75, 84, 1, Ecc=-0.273
Name=L14G3
Path= 85, 94, 1, Ecc=1.753
Path= 95, 105, 1, Ecc=1.753
Path= 106, 116, 1, Ecc=1.753
Path= 117, 126, 1, Ecc=1.753

: Case = 15 ----- G1 Max DL 4선
Name=L15G1
Path= 1, 10, 1, Ecc=0.022
Path= 11, 21, 1, Ecc=0.022
Path= 22, 32, 1, Ecc=0.022
Path= 33, 42, 1, Ecc=0.022
Name=L15G1S1
Path= 256, 265, 1, Ecc=0.000

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Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L15G2
Path= 43, 52, 1, Ecc=-0.233
Path= 53, 63, 1, Ecc=-0.233
Path= 64, 74, 1, Ecc=-0.233
Path= 75, 84, 1, Ecc=-0.233
Name=L15G3
Path= 85, 94, 1, Ecc=0.718
Path= 95, 105, 1, Ecc=0.718
Path= 106, 116, 1, Ecc=0.718
Path= 117, 126, 1, Ecc=0.718

: Case = 16 ----- G2 Max DL 1선
Name=L16G1
Path= 1, 10, 1, Ecc=-1.472
Path= 11, 21, 1, Ecc=-1.472
Path= 22, 32, 1, Ecc=-1.472
Path= 33, 42, 1, Ecc=-1.472
Name=L16GIS1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L16G2
Path= 43, 52, 1, Ecc=-0.116
Path= 53, 63, 1, Ecc=-0.116
Path= 64, 74, 1, Ecc=-0.116
Path= 75, 84, 1, Ecc=-0.116
Name=L16G3
Path= 85, 94, 1, Ecc=1.871
Path= 95, 105, 1, Ecc=1.871
Path= 106, 116, 1, Ecc=1.871
Path= 117, 126, 1, Ecc=1.871

: Case = 17 ----- G2 Max DL 2선
Name=L17G1
Path= 1, 10, 1, Ecc=-1.466
Path= 11, 21, 1, Ecc=-1.466
Path= 22, 32, 1, Ecc=-1.466
Path= 33, 42, 1, Ecc=-1.466
Name=L17GIS1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L17G2
Path= 43, 52, 1, Ecc=-0.164
Path= 53, 63, 1, Ecc=-0.164
Path= 64, 74, 1, Ecc=-0.164
Path= 75, 84, 1, Ecc=-0.164
Name=L17G3
Path= 85, 94, 1, Ecc=1.721
Path= 95, 105, 1, Ecc=1.721
Path= 106, 116, 1, Ecc=1.721
Path= 117, 126, 1, Ecc=1.721

: Case = 18 ----- G2 Max DL 3선
Name=L18G1
Path= 1, 10, 1, Ecc=-1.167
Path= 11, 21, 1, Ecc=-1.167
Path= 22, 32, 1, Ecc=-1.167
Path= 33, 42, 1, Ecc=-1.167
Name=L18GIS1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L18G2
Path= 43, 52, 1, Ecc=-0.224
Path= 53, 63, 1, Ecc=-0.224
Path= 64, 74, 1, Ecc=-0.224
Path= 75, 84, 1, Ecc=-0.224
Name=L18G3
Path= 85, 94, 1, Ecc=1.275
Path= 95, 105, 1, Ecc=1.275
Path= 106, 116, 1, Ecc=1.275

: Case = 19 ----- G2 Max DL 4선
Name=L19G1
Path= 1, 10, 1, Ecc=-0.540
Path= 11, 21, 1, Ecc=-0.540
Path= 22, 32, 1, Ecc=-0.540
Path= 33, 42, 1, Ecc=-0.540
Name=L19GIS1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L19G2
Path= 43, 52, 1, Ecc=-0.081
Path= 53, 63, 1, Ecc=-0.081
Path= 64, 74, 1, Ecc=-0.081
Path= 75, 84, 1, Ecc=-0.081
Name=L19G3
Path= 85, 94, 1, Ecc=0.603
Path= 95, 105, 1, Ecc=0.603
Path= 106, 116, 1, Ecc=0.603
Path= 117, 126, 1, Ecc=0.603

Path= 288, 297, 1, Ecc=0.000
Name=L22G2
Path= 43, 52, 1, Ecc=-0.147
Path= 53, 63, 1, Ecc=-0.147
Path= 64, 74, 1, Ecc=-0.147
Path= 75, 84, 1, Ecc=-0.147
Name=L22G3
Path= 85, 94, 1, Ecc=0.163
Path= 95, 105, 1, Ecc=0.163
Path= 106, 116, 1, Ecc=0.163
Path= 117, 126, 1, Ecc=0.163
: Case = 23 ----- G3 Max DL 4선
Name=L23G1
Path= 1, 10, 1, Ecc=-0.675
Path= 11, 21, 1, Ecc=-0.675
Path= 22, 32, 1, Ecc=-0.675
Path= 33, 42, 1, Ecc=-0.675
Name=L23GIS1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L23G2
Path= 43, 52, 1, Ecc=-0.128
Path= 53, 63, 1, Ecc=-0.128
Path= 64, 74, 1, Ecc=-0.128
Path= 75, 84, 1, Ecc=-0.128
Name=L23G3
Path= 85, 94, 1, Ecc=0.163
Path= 95, 105, 1, Ecc=0.163
Path= 106, 116, 1, Ecc=0.163
Path= 117, 126, 1, Ecc=0.163

VEHICLES
Name=1 TYPE=Gen : DB-24
P=24,000
D=4,200 P=96,000
D=4,200 9,000 P=96,000
Name=2 TYPE=Gen : DL-24
W=4,233 PM=36,000 PYM=52,000

Vehicle Class

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

Bridge Response

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

MOVING LOAD

Name= 1 Rf=1.000 : G1 Max DB 1선
Lane=L1G1 Class=1 Lmin= 1 Lmax= 1 Sf=2.224
Lane=L1G2 Class=1 Lmin= 1 Lmax= 1 Sf=0.052
Lane=L1G3 Class=1 Lmin= 1 Lmax= 1 Sf=0.001
Name= 2 Rf=1.000 : G1 Max DB 2선
Lane=L2G1 Class=1 Lmin= 1 Lmax= 1 Sf=2.480
Lane=L2GIS1 Class=1 Lmin= 1 Lmax= 1 Sf=0.660
Lane=L2G2 Class=1 Lmin= 1 Lmax= 1 Sf=0.856
Lane=L2G3 Class=1 Lmin= 1 Lmax= 1 Sf=0.004
Name= 3 Rf=0.900 : G1 Max DB 3선
Lane=L3G1 Class=1 Lmin= 1 Lmax= 1 Sf=2.500
Lane=L3GIS1 Class=1 Lmin= 1 Lmax= 1 Sf=0.555
Lane=L3G2 Class=1 Lmin= 1 Lmax= 1 Sf=2.737
Lane=L3G3 Class=1 Lmin= 1 Lmax= 1 Sf=0.207
Name= 4 Rf=0.750 : G1 Max DB 4선
Lane=L4G1 Class=1 Lmin= 1 Lmax= 1 Sf=2.502

Path= 117, 126, 1, Ecc=1.275

: Case = 19 ----- G2 Max DL 4선
Name=L19G1
Path= 1, 10, 1, Ecc=-0.540
Path= 11, 21, 1, Ecc=-0.540
Path= 22, 32, 1, Ecc=-0.540
Path= 33, 42, 1, Ecc=-0.540
Name=L19GIS1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L19G2
Path= 43, 52, 1, Ecc=-0.081
Path= 53, 63, 1, Ecc=-0.081
Path= 64, 74, 1, Ecc=-0.081
Path= 75, 84, 1, Ecc=-0.081
Name=L19G3
Path= 85, 94, 1, Ecc=0.603
Path= 95, 105, 1, Ecc=0.603
Path= 106, 116, 1, Ecc=0.603
Path= 117, 126, 1, Ecc=0.603

: Case = 20 ----- G3 Max DL 1선
Name=L20G1
Path= 1, 10, 1, Ecc=-1.473
Path= 11, 21, 1, Ecc=-1.473
Path= 22, 32, 1, Ecc=-1.473
Path= 33, 42, 1, Ecc=-1.473
Name=L20GIS1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L20G2
Path= 43, 52, 1, Ecc=-2.859
Path= 53, 63, 1, Ecc=-2.859
Path= 64, 74, 1, Ecc=-2.859
Path= 75, 84, 1, Ecc=-2.859
Name=L20G3
Path= 85, 94, 1, Ecc=-0.323
Path= 95, 105, 1, Ecc=-0.323
Path= 106, 116, 1, Ecc=-0.323
Path= 117, 126, 1, Ecc=-0.323

: Case = 21 ----- G3 Max DL 2선
Name=L21G1
Path= 1, 10, 1, Ecc=-1.472
Path= 11, 21, 1, Ecc=-1.472
Path= 22, 32, 1, Ecc=-1.472
Path= 33, 42, 1, Ecc=-1.472
Name=L21GIS1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L21G2
Path= 43, 52, 1, Ecc=-1.673
Path= 53, 63, 1, Ecc=-1.673
Path= 64, 74, 1, Ecc=-1.673
Path= 75, 84, 1, Ecc=-1.673
Name=L21G3
Path= 85, 94, 1, Ecc=0.185
Path= 95, 105, 1, Ecc=0.185
Path= 106, 116, 1, Ecc=0.185
Path= 117, 126, 1, Ecc=0.185

: Case = 22 ----- G3 Max DL 3선
Name=L22G1
Path= 1, 10, 1, Ecc=-1.472
Path= 11, 21, 1, Ecc=-1.472
Path= 22, 32, 1, Ecc=-1.472
Path= 33, 42, 1, Ecc=-1.472
Name=L22GIS1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Name=L22G2
Path= 43, 52, 1, Ecc=-1.673
Path= 53, 63, 1, Ecc=-1.673
Path= 64, 74, 1, Ecc=-1.673
Path= 75, 84, 1, Ecc=-1.673
Name=L22G3
Path= 85, 94, 1, Ecc=0.185
Path= 95, 105, 1, Ecc=0.185
Path= 106, 116, 1, Ecc=0.185
Path= 117, 126, 1, Ecc=0.185

: Case = 23 ----- G3 Max DL 4선
Name=L23G1
Path= 1, 10, 1, Ecc=-0.675
Path= 11, 21, 1, Ecc=-0.675
Path= 22, 32, 1, Ecc=-0.675
Path= 33, 42, 1, Ecc=-0.675
Name=L23GIS1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L23G2
Path= 43, 52, 1, Ecc=-0.128
Path= 53, 63, 1, Ecc=-0.128
Path= 64, 74, 1, Ecc=-0.128
Path= 75, 84, 1, Ecc=-0.128
Name=L23G3
Path= 85, 94, 1, Ecc=0.163
Path= 95, 105, 1, Ecc=0.163
Path= 106, 116, 1, Ecc=0.163
Path= 117, 126, 1, Ecc=0.163

: Case = 24 ----- G3 Max DL 5선
Name=L24G1
Path= 1, 10, 1, Ecc=-0.675
Path= 11, 21, 1, Ecc=-0.675
Path= 22, 32, 1, Ecc=-0.675
Path= 33, 42, 1, Ecc=-0.675
Name=L24GIS1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L24G2
Path= 43, 52, 1, Ecc=-0.128
Path= 53, 63, 1, Ecc=-0.128
Path= 64, 74, 1, Ecc=-0.128
Path= 75, 84, 1, Ecc=-0.128
Name=L24G3
Path= 85, 94, 1, Ecc=0.163
Path= 95, 105, 1, Ecc=0.163
Path= 106, 116, 1, Ecc=0.163
Path= 117, 126, 1, Ecc=0.163

: Case = 25 ----- G3 Max DL 6선
Name=L25G1
Path= 1, 10, 1, Ecc=-0.675
Path= 11, 21, 1, Ecc=-0.675
Path= 22, 32, 1, Ecc=-0.675
Path= 33, 42, 1, Ecc=-0.675
Name=L25GIS1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L25G2
Path= 43, 52, 1, Ecc=-0.128
Path= 53, 63, 1, Ecc=-0.128
Path= 64, 74, 1, Ecc=-0.128
Path= 75, 84, 1, Ecc=-0.128
Name=L25G3
Path= 85, 94, 1, Ecc=0.163
Path= 95, 105, 1, Ecc=0.163
Path= 106, 116, 1, Ecc=0.163
Path= 117, 126, 1, Ecc=0.163

: Case = 26 ----- G3 Max DL 7선
Name=L26G1
Path= 1, 10, 1, Ecc=-0.675
Path= 11, 21, 1, Ecc=-0.675
Path= 22, 32, 1, Ecc=-0.675
Path= 33, 42, 1, Ecc=-0.675
Name=L26GIS1
Path= 256, 265, 1, Ecc=0.000
Path= 266, 276, 1, Ecc=0.000
Path= 277, 287, 1, Ecc=0.000
Path= 288, 297, 1, Ecc=0.000
Name=L26G2
Path= 43, 52, 1, Ecc=-0.128
Path= 53, 63, 1, Ecc=-0.128
Path= 64, 74, 1, Ecc=-0.128
Path= 75, 84, 1, Ecc=-0.128
Name=L26G3
Path= 85, 94, 1, Ecc=0.163
Path= 95, 105, 1, Ecc=0.163
Path= 106, 116, 1, Ecc=0.163
Path= 117, 126, 1, Ecc=0.163

Lane= L19G1S1 Class=2 Lmin= 1 Lmax= 1 Sf=0.401
Lane= L19G2 Class=2 Lmin= 1 Lmax= 1 Sf=4.818
Lane= L19G3 Class=2 Lmin= 1 Lmax= 1 Sf=3.484

Name= 20 Rf=1.000 : G3 Max DL 1선
Lane= L20G1 Class=2 Lmin= 1 Lmax= 1 Sf=0.006
Lane= L20G3 Class=2 Lmin= 1 Lmax= 1 Sf=3.133

Name= 21 Rf=1.000 : G3 Max DL 2선
Lane= L21G1S1 Class=2 Lmin= 1 Lmax= 1 Sf=0.112
Lane= L21G2 Class=2 Lmin= 1 Lmax= 1 Sf=1.665
Lane= L21G3 Class=2 Lmin= 1 Lmax= 1 Sf=4.239

Name= 22 Rf=0.900 : G3 Max DL 3선
Lane= L22G1S1 Class=2 Lmin= 1 Lmax= 1 Sf=0.680
Lane= L22G2 Class=2 Lmin= 1 Lmax= 1 Sf=4.192
Lane= L22G3 Class=2 Lmin= 1 Lmax= 1 Sf=4.183

Name= 23 Rf=0.750 : G3 Max DL 4선
Lane= L23G1 Class=2 Lmin= 1 Lmax= 1 Sf=3.112
Lane= L23G1S1 Class=2 Lmin= 1 Lmax= 1 Sf=0.465
Lane= L23G2 Class=2 Lmin= 1 Lmax= 1 Sf=4.239
Lane= L23G3 Class=2 Lmin= 1 Lmax= 1 Sf=4.185

COMBO
Name=G1XDB1 Type=ENVE : G1 Max DB 1선
MOVE=1 sf=1.168

Name=G1XDB2 Type=ENVE : G1 Max DB 2선
MOVE=2 sf=1.168

Name=G1XDB3 Type=ENVE : G1 Max DB 3선
MOVE=3 sf=1.168

Name=G1XDB4 Type=ENVE : G1 Max DB 4선
MOVE=4 sf=1.168

Name=G2XDB1 Type=ENVE : G2 Max DB 1선
MOVE=5 sf=1.168

Name=G2XDB2 Type=ENVE : G2 Max DB 2선
MOVE=6 sf=1.168

Name=G2XDB3 Type=ENVE : G2 Max DB 3선
MOVE=7 sf=1.168

Name=G3XDB1 Type=ENVE : G3 Max DB 1선
MOVE=8 sf=1.168

Name=G3XDB2 Type=ENVE : G3 Max DB 2선
MOVE=9 sf=1.168

Name=G3XDB3 Type=ENVE : G3 Max DB 3선
MOVE=10 sf=1.168

Name=G3XDB4 Type=ENVE : G3 Max DB 4선
MOVE=11 sf=1.168

Name=G1XDL1 Type=ENVE : G1 Max DL 1선
MOVE=12 sf=1.168

Name=G1XDL2 Type=ENVE : G1 Max DL 2선
MOVE=13 sf=1.168

Name=G1XDL3 Type=ENVE : G1 Max DL 3선
MOVE=14 sf=1.168

Name=G1XDL4 Type=ENVE : G1 Max DL 4선
MOVE=15 sf=1.168

Name=G2XDL1 Type=ENVE : G2 Max DL 1선
MOVE=16 sf=1.168

Name=G2XDL2 Type=ENVE : G2 Max DL 2선
MOVE=17 sf=1.168

Name=G2XDL3 Type=ENVE : G2 Max DL 3선
MOVE=18 sf=1.168

Name=G2XDL4 Type=ENVE : G2 Max DL 4선
MOVE=19 sf=1.168

Name=G3XDL1 Type=ENVE : G3 Max DL 1선
MOVE=20 sf=1.168

Name=G3XDL2 Type=ENVE : G3 Max DL 2선
MOVE=21 sf=1.168

Name=G3XDL3 Type=ENVE : G3 Max DL 3선
MOVE=22 sf=1.168

Name=G3XDL4 Type=ENVE : G3 Max DL 4선
MOVE=23 sf=1.168

Name=DB Type=ENVE :
COMB=G1XDB1 sf=1.000
COMB=G1XDB2 sf=1.000
COMB=G1XDB3 sf=1.000
COMB=G1XDB4 sf=1.000
COMB=G2XDB1 sf=1.000
COMB=G2XDB2 sf=1.000
COMB=G2XDB3 sf=1.000
COMB=G3XDB1 sf=1.000
COMB=G3XDB2 sf=1.000
COMB=G3XDB3 sf=1.000
COMB=G3XDB4 sf=1.000

Name=DL Type=ENVE :
COMB=G1XDL1 sf=1.000
COMB=G1XDL2 sf=1.000
COMB=G1XDL3 sf=1.000
COMB=G1XDL4 sf=1.000
COMB=G2XDL1 sf=1.000
COMB=G2XDL2 sf=1.000
COMB=G2XDL3 sf=1.000
COMB=G2XDL4 sf=1.000
COMB=G3XDL1 sf=1.000
COMB=G3XDL2 sf=1.000
COMB=G3XDL3 sf=1.000
COMB=G3XDL4 sf=1.000

Name=CAR Type=ENVE :
COMB=DB sf=1.000
COMB=DL sf=1.000

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

OUTPUT
ELEM=JOINT TYPE=DISP REAC LOAD=> COMB=>
ELEM=FRAME TYPE=FORCE LOAD=> COMB=>

4) 부등침하 < UNEQUAL SETTLEMENT >

SYSTEM
LENGTH=MM FORCE=KN

JOINT
1 X= 0.000 Y=0.000 Z=0.000
2 X= 4.270 Y=0.000 Z=0.045
3 X= 9.270 Y=0.000 Z=0.097
4 X= 14.270 Y=0.000 Z=0.149
5 X= 19.270 Y=0.000 Z=0.201
6 X= 24.270 Y=0.000 Z=0.253
7 X= 29.270 Y=0.000 Z=0.305
8 X= 34.270 Y=0.000 Z=0.357
9 X= 39.270 Y=0.000 Z=0.410
10 X= 44.270 Y=0.000 Z=0.462
11 X= 49.270 Y=0.000 Z=0.514
12 X= 54.270 Y=0.000 Z=0.566
13 X= 59.270 Y=0.000 Z=0.618
14 X= 64.270 Y=0.000 Z=0.670
15 X= 69.270 Y=0.000 Z=0.722
16 X= 74.270 Y=0.000 Z=0.775
17 X= 79.270 Y=0.000 Z=0.827
18 X= 84.270 Y=0.000 Z=0.879
19 X= 89.270 Y=0.000 Z=0.931
20 X= 94.270 Y=0.000 Z=0.983
21 X= 99.270 Y=0.000 Z=1.035
22 X= 104.270 Y=0.000 Z=1.088
23 X= 109.270 Y=0.000 Z=1.140
24 X= 114.270 Y=0.000 Z=1.192
25 X= 119.270 Y=0.000 Z=1.244
26 X= 124.270 Y=0.000 Z=1.296
27 X= 129.270 Y=0.000 Z=1.348
28 X= 134.270 Y=0.000 Z=1.400
29 X= 139.270 Y=0.000 Z=1.453
30 X= 144.270 Y=0.000 Z=1.505
31 X= 149.270 Y=0.000 Z=1.557
32 X= 154.270 Y=0.000 Z=1.609
33 X= 159.270 Y=0.000 Z=1.661
34 X= 164.270 Y=0.000 Z=1.713
35 X= 169.270 Y=0.000 Z=1.765
36 X= 174.270 Y=0.000 Z=1.818
37 X= 179.270 Y=0.000 Z=1.870
38 X= 184.270 Y=0.000 Z=1.922
39 X= 189.270 Y=0.000 Z=1.974
40 X= 194.270 Y=0.000 Z=2.026
41 X= 199.270 Y=0.000 Z=2.078
42 X= 204.270 Y=0.000 Z=2.131
43 X= 208.840 Y=0.000 Z=2.178
44 X= 0.000 Y=-5.450 Z=-0.109
45 X= 4.270 Y=-5.450 Z=-0.064
46 X= 9.270 Y=-5.450 Z=-0.012
47 X= 14.270 Y=-5.450 Z=0.040
48 X= 19.270 Y=-5.450 Z=0.092
49 X= 24.270 Y=-5.450 Z=0.144
50 X= 29.270 Y=-5.450 Z=0.196
51 X= 34.270 Y=-5.450 Z=0.248
52 X= 39.270 Y=-5.450 Z=0.301
53 X= 44.270 Y=-5.450 Z=0.353
54 X= 49.270 Y=-5.450 Z=0.405
55 X= 54.270 Y=-5.450 Z=0.457
56 X= 59.270 Y=-5.450 Z=0.509
57 X= 64.270 Y=-5.450 Z=0.561
58 X= 69.270 Y=-5.450 Z=0.613
59 X= 74.270 Y=-5.450 Z=0.666
60 X= 79.270 Y=-5.450 Z=0.718
61 X= 84.270 Y=-5.450 Z=0.770
62 X= 89.270 Y=-5.450 Z=0.822
63 X= 94.270 Y=-5.450 Z=0.874
64 X= 99.270 Y=-5.450 Z=0.926
65 X= 104.270 Y=-5.450 Z=0.979
66 X= 109.270 Y=-5.450 Z=1.031
67 X= 114.270 Y=-5.450 Z=1.083
68 X= 119.270 Y=-5.450 Z=1.135
69 X= 124.270 Y=-5.450 Z=1.187
70 X= 129.270 Y=-5.450 Z=1.239
71 X= 134.270 Y=-5.450 Z=1.291

72 X= 139.270 Y=-5.450 Z=1.344
73 X= 144.270 Y=-5.450 Z=1.396
74 X= 149.270 Y=-5.450 Z=1.448
75 X= 154.270 Y=-5.450 Z=1.500
76 X= 159.270 Y=-5.450 Z=1.552
77 X= 164.270 Y=-5.450 Z=1.604
78 X= 169.270 Y=-5.450 Z=1.656
79 X= 174.270 Y=-5.450 Z=1.709
80 X= 179.270 Y=-5.450 Z=1.761
81 X= 184.270 Y=-5.450 Z=1.813
82 X= 189.270 Y=-5.450 Z=1.865
83 X= 194.270 Y=-5.450 Z=1.917
84 X= 199.270 Y=-5.450 Z=1.969
85 X= 204.270 Y=-5.450 Z=2.022
86 X= 208.840 Y=-5.450 Z=2.069
87 X= 0.000 Y=-10.900 Z=-0.218
88 X= 4.270 Y=-10.900 Z=-0.173
89 X= 9.270 Y=-10.900 Z=-0.121
90 X= 14.270 Y=-10.900 Z=-0.069
91 X= 19.270 Y=-10.900 Z=-0.017
92 X= 24.270 Y=-10.900 Z=0.035
93 X= 29.270 Y=-10.900 Z=0.087
94 X= 34.270 Y=-10.900 Z=0.139
95 X= 39.270 Y=-10.900 Z=0.192
96 X= 44.270 Y=-10.900 Z=0.244
97 X= 49.270 Y=-10.900 Z=0.296
98 X= 54.270 Y=-10.900 Z=0.348
99 X= 59.270 Y=-10.900 Z=0.400
100 X= 64.270 Y=-10.900 Z=0.452
101 X= 69.270 Y=-10.900 Z=0.504
102 X= 74.270 Y=-10.900 Z=0.557
103 X= 79.270 Y=-10.900 Z=0.609
104 X= 84.270 Y=-10.900 Z=0.661
105 X= 89.270 Y=-10.900 Z=0.713
106 X= 94.270 Y=-10.900 Z=0.765
107 X= 99.270 Y=-10.900 Z=0.817
108 X= 104.270 Y=-10.900 Z=0.870
109 X= 109.270 Y=-10.900 Z=0.922
110 X= 114.270 Y=-10.900 Z=0.974
111 X= 119.270 Y=-10.900 Z=1.026
112 X= 124.270 Y=-10.900 Z=1.078
113 X= 129.270 Y=-10.900 Z=1.130
114 X= 134.270 Y=-10.900 Z=1.182
115 X= 139.270 Y=-10.900 Z=1.235
116 X= 144.270 Y=-10.900 Z=1.287
117 X= 149.270 Y=-10.900 Z=1.339
118 X= 154.270 Y=-10.900 Z=1.391
119 X= 159.270 Y=-10.900 Z=1.443
120 X= 164.270 Y=-10.900 Z=1.495
121 X= 169.270 Y=-10.900 Z=1.547
122 X= 174.270 Y=-10.900 Z=1.600
123 X= 179.270 Y=-10.900 Z=1.652
124 X= 184.270 Y=-10.900 Z=1.704
125 X= 189.270 Y=-10.900 Z=1.756
126 X= 194.270 Y=-10.900 Z=1.808
127 X= 199.270 Y=-10.900 Z=1.860
128 X= 204.270 Y=-10.900 Z=1.913
129 X= 208.840 Y=-10.900 Z=1.960
130 X= -0.000 Y=-2.725 Z=-0.055
131 X= 4.270 Y=-2.725 Z=-0.010
132 X= 9.270 Y=-2.725 Z=0.042
133 X= 14.270 Y=-2.725 Z=0.094
134 X= 19.270 Y=-2.725 Z=0.146
135 X= 24.270 Y=-2.725 Z=0.199
136 X= 29.270 Y=-2.725 Z=0.251
137 X= 34.270 Y=-2.725 Z=0.303
138 X= 39.270 Y=-2.725 Z=0.355
139 X= 44.270 Y=-2.725 Z=0.407
140 X= 49.270 Y=-2.725 Z=0.459
141 X= 54.270 Y=-2.725 Z=0.512
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143 X= 64.270 Y=-2.725 Z=0.616
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146 X= 79.270 Y=-2.725 Z=0.772
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148 X= 89.270 Y=-2.725 Z=0.877
149 X= 94.270 Y=-2.725 Z=0.929

150 X= 99.270 Y=-2.725 Z=0.981
151 X= 104.270 Y=-2.725 Z=1.033
152 X= 109.270 Y=-2.725 Z=1.085
153 X= 114.270 Y=-2.725 Z=1.137
154 X= 119.270 Y=-2.725 Z=1.189
155 X= 124.270 Y=-2.725 Z=1.242
156 X= 129.270 Y=-2.725 Z=1.294
157 X= 134.270 Y=-2.725 Z=1.346
158 X= 139.270 Y=-2.725 Z=1.398
159 X= 144.270 Y=-2.725 Z=1.450
160 X= 149.270 Y=-2.725 Z=1.502
161 X= 154.270 Y=-2.725 Z=1.555
162 X= 159.270 Y=-2.725 Z=1.607
163 X= 164.270 Y=-2.725 Z=1.659
164 X= 169.270 Y=-2.725 Z=1.711
165 X= 174.270 Y=-2.725 Z=1.763
166 X= 179.270 Y=-2.725 Z=1.815
167 X= 184.270 Y=-2.725 Z=1.867
168 X= 189.270 Y=-2.725 Z=1.920
169 X= 194.270 Y=-2.725 Z=1.972
170 X= 199.270 Y=-2.725 Z=2.024
171 X= 204.270 Y=-2.725 Z=2.076
172 X= 208.840 Y=-2.725 Z=2.124
173 X= 0.000 Y=0.000 Z=-0.800
174 X= 0.000 Y=0.950 Z=-0.800
175 X= 0.000 Y=-0.950 Z=-0.800
176 X= 49.270 Y=0.000 Z=-0.786
177 X= 49.270 Y=0.832 Z=-0.786
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185 X= 208.840 Y=0.000 Z=1.378
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187 X= 208.840 Y=-0.950 Z=1.378
188 X= 0.000 Y=-5.450 Z=-0.909
189 X= 0.000 Y=-4.500 Z=-0.909
190 X= 0.000 Y=-6.400 Z=-0.909
191 X= 49.270 Y=-5.450 Z=-0.895
192 X= 49.270 Y=-4.618 Z=-0.895
193 X= 49.270 Y=-6.282 Z=-0.895
194 X= 104.270 Y=-5.450 Z=-0.321
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196 X= 104.270 Y=-6.282 Z=-0.321
197 X= 159.270 Y=-5.450 Z=0.252
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200 X= 208.840 Y=-5.450 Z=1.269
201 X= 208.840 Y=-4.500 Z=1.269
202 X= 208.840 Y=-6.400 Z=1.269
203 X= 0.000 Y=-10.900 Z=-1.018
204 X= 0.000 Y=-9.950 Z=-1.018
205 X= 0.000 Y=-11.850 Z=-1.018
206 X= 49.270 Y=-10.900 Z=-1.004
207 X= 49.270 Y=-10.068 Z=-1.004
208 X= 49.270 Y=-11.732 Z=-1.004
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214 X= 159.270 Y=-11.732 Z=-0.143
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216 X= 208.840 Y=-9.950 Z=1.160
217 X= 208.840 Y=-11.850 Z=1.160

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Name= 3 Mat= 3 A=0.31395 I=0.19018328, 0.51025786 J=0.15136728 : GIRDER
Name= 4 Mat= 4 A=0.30299 I=0.16464513, 0.50330469 J=0.14108490 : GIRDER
Name= 5 Mat= 5 A=0.32447 I=0.16877021, 0.51605047 J=0.14796578 : GIRDER
Name= 6 Mat= 6 A=0.34135 I=0.21426466, 0.52989157 J=0.15803023 : GIRDER
Name= 7 Mat= 7 A=0.37239 I=0.26462225, 0.55600938 J=0.19942405 : GIRDER
Name= 8 Mat= 8 A=0.38967 I=0.50373200, 0.59339889 J=0.29969321 : GIRDER
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Name= 10 Mat= 10 A=0.30478 I=0.12133837, 0.57056113 J=0.11376489 : GIRDER
Name= 11 Mat= 11 A=0.30878 I=0.15309364, 0.57686126 J=0.13427272 : GIRDER
Name= 12 Mat= 12 A=0.32522 I=0.19296961, 0.58714667 J=0.15136728 : GIRDER
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Name= 33 Type=Nonpr Sec= 2, 3
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Name= 36 Type=Nonpr Sec= 4, 3
Name= 37 Type=Nonpr Sec= 4, 5
Name= 38 Type=Nonpr Sec= 4, 9

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ADD= 190 ANG=0.065
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ADD= 192 DOF= U2, U3,
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ADD= 195 DOF= U1, U2, U3,
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3 J= 3, 4 Sec=33
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132 J=132, 46 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
133 J= 4, 133 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
134 J=133, 47 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
135 J= 5, 134 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
136 J=134, 48 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
137 J= 6, 135 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
138 J=135, 49 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
139 J= 7, 136 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
140 J=136, 50 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
141 J= 8, 137 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
142 J=137, 51 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
143 J= 9, 138 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
144 J=138, 52 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
145 J=10, 139 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
146 J=139, 53 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
147 J=11, 140 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
148 J=140, 54 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
149 J=12, 141 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
150 J=141, 55 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
151 J=13, 142 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
152 J=142, 56 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
153 J=14, 143 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
154 J=143, 57 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
155 J=15, 144 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
156 J=144, 58 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
157 J=16, 145 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
158 J=145, 59 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
159 J=17, 146 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
160 J=146, 60 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
161 J=18, 147 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
162 J=147, 61 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
163 J=19, 148 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
164 J=148, 62 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
165 J=20, 149 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
166 J=149, 63 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
167 J=21, 150 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
168 J=150, 64 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
169 J=22, 151 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
170 J=151, 65 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
171 J=23, 152 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
172 J=152, 66 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
173 J=24, 153 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
174 J=153, 67 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
175 J=25, 154 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
176 J=154, 68 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
177 J=26, 155 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
178 J=155, 69 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
179 J=27, 156 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
180 J=156, 70 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
181 J=28, 157 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
182 J=157, 71 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
183 J=29, 158 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
184 J=158, 72 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
185 J=30, 159 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
186 J=159, 73 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
187 J=31, 160 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
188 J=160, 74 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
189 J=32, 161 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
190 J=161, 75 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0
191 J=33, 162 Sec=28 IOFF=1.250 JOFF=0.000 RIGD=1.0
192 J=162, 76 Sec=28 IOFF=0.000 JOFF=1.250 RIGD=1.0

271 J=145, 146 Sec=29
272 J=146, 147 Sec=29
273 J=147, 148 Sec=29
274 J=148, 149 Sec=29
275 J=149, 150 Sec=29
276 J=150, 151 Sec=29
277 J=151, 152 Sec=29
278 J=152, 153 Sec=29
279 J=153, 154 Sec=29
280 J=154, 155 Sec=29
281 J=155, 156 Sec=29
282 J=156, 157 Sec=29
283 J=157, 158 Sec=29
284 J=158, 159 Sec=29
285 J=159, 160 Sec=29
286 J=160, 161 Sec=29
287 J=161, 162 Sec=29
288 J=162, 163 Sec=29
289 J=163, 164 Sec=29
290 J=164, 165 Sec=29
291 J=165, 166 Sec=29
292 J=166, 167 Sec=29
293 J=167, 168 Sec=29
294 J=168, 169 Sec=29
295 J=169, 170 Sec=29
296 J=170, 171 Sec=29
297 J=171, 172 Sec=29
298 J= 1, 173 Sec=30
299 J=174, 173 Sec=30
300 J=175, 173 Sec=30
301 J= 11, 176 Sec=30
302 J=177, 176 Sec=30
303 J=178, 176 Sec=30
304 J= 22, 179 Sec=30
305 J=180, 179 Sec=30
306 J=181, 179 Sec=30
307 J= 33, 182 Sec=30
308 J=183, 182 Sec=30
309 J=184, 182 Sec=30
310 J= 43, 185 Sec=30
311 J=186, 185 Sec=30
312 J=187, 185 Sec=30
313 J= 44, 188 Sec=30
314 J=189, 188 Sec=30
315 J=190, 188 Sec=30
316 J= 54, 191 Sec=30
317 J=192, 191 Sec=30
318 J=193, 191 Sec=30
319 J= 65, 194 Sec=30
320 J=195, 194 Sec=30
321 J=196, 194 Sec=30
322 J= 76, 197 Sec=30
323 J=198, 197 Sec=30
324 J=199, 197 Sec=30
325 J= 86, 200 Sec=30
326 J=201, 200 Sec=30
327 J=202, 200 Sec=30
328 J= 87, 203 Sec=30
329 J=204, 203 Sec=30
330 J=205, 203 Sec=30
331 J= 97, 206 Sec=30
332 J=207, 206 Sec=30
333 J=208, 206 Sec=30
334 J=108, 209 Sec=30
335 J=210, 209 Sec=30
336 J=211, 209 Sec=30
337 J=119, 212 Sec=30
338 J=213, 212 Sec=30
339 J=214, 212 Sec=30
340 J=129, 215 Sec=30
341 J=216, 215 Sec=30
342 J=217, 215 Sec=30

LOAD
Name=A1 : UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=174 Uz=0.010
Add=175 Uz=0.010

Add=189 Uz=-0.010
Add=190 Uz=-0.010
Add=204 Uz=-0.010
Add=205 Uz=-0.010

Name=P1 : UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=177 Uz=-0.010
Add=178 Uz=-0.010
Add=182 Uz=-0.010
Add=193 Uz=-0.010
Add=207 Uz=-0.010
Add=208 Uz=-0.010

Name=P2 : UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=180 Uz=-0.010
Add=181 Uz=-0.010
Add=195 Uz=-0.010
Add=196 Uz=-0.010
Add=210 Uz=-0.010
Add=211 Uz=-0.010

Name=P3 : UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=183 Uz=-0.010
Add=184 Uz=-0.010
Add=198 Uz=-0.010
Add=199 Uz=-0.010
Add=213 Uz=-0.010
Add=214 Uz=-0.010

Name=A2 : UNEQUAL SETTLEMENT
Type=RESTRAINT DISPLACEMENT
Add=186 Uz=-0.010
Add=187 Uz=-0.010
Add=201 Uz=-0.010
Add=202 Uz=-0.010
Add=216 Uz=-0.010
Add=217 Uz=-0.010

COMBO
Name=2N1 Type=ENVE :
LOAD=A1 sf=1.000
LOAD=P1 sf=1.000

Name=2N2 Type=ENVE :
LOAD=A1 sf=1.000
LOAD=P2 sf=1.000

Name=2N3 Type=ENVE :
LOAD=A1 sf=1.000
LOAD=P3 sf=1.000

Name=2N4 Type=ENVE :
LOAD=A1 sf=1.000
LOAD=A2 sf=1.000

Name=2N5 Type=ENVE :
LOAD=P1 sf=1.000
LOAD=P2 sf=1.000

Name=2N6 Type=ENVE :
LOAD=P1 sf=1.000
LOAD=P3 sf=1.000

Name=2N7 Type=ENVE :
LOAD=P1 sf=1.000
LOAD=A2 sf=1.000

Name=2N8 Type=ENVE :
LOAD=P2 sf=1.000
LOAD=P3 sf=1.000

Name=2N9 Type=ENVE :
LOAD=P2 sf=1.000
LOAD=A2 sf=1.000

Name=4N5 Type=ENVE :
LOAD=P1 sf=1.000
LOAD=P2 sf=1.000
LOAD=P3 sf=1.000
LOAD=A2 sf=1.000

Name=2N Type=ENVE :
COMB=2N1 sf=1.000
COMB=2N2 sf=1.000
COMB=2N3 sf=1.000
COMB=2N4 sf=1.000
COMB=2N5 sf=1.000
COMB=2N6 sf=1.000
COMB=2N7 sf=1.000
COMB=2N8 sf=1.000
COMB=2N9 sf=1.000
COMB=2N10 sf=1.000

Name=3N Type=ENVE :
COMB=3N1 sf=1.000
COMB=3N2 sf=1.000
COMB=3N3 sf=1.000
COMB=3N4 sf=1.000
COMB=3N5 sf=1.000
COMB=3N6 sf=1.000
COMB=3N7 sf=1.000
COMB=3N8 sf=1.000
COMB=3N9 sf=1.000
COMB=3N10 sf=1.000

Name=4N Type=ENVE :
COMB=4N1 sf=1.000
COMB=4N2 sf=1.000
COMB=4N3 sf=1.000
COMB=4N4 sf=1.000
COMB=4N5 sf=1.000

Name=SETTLE Type=ENVE :
LOAD=A1 sf=1.000
LOAD=P1 sf=1.000
LOAD=P2 sf=1.000
LOAD=P3 sf=1.000
LOAD=A2 sf=1.000
COMB=2N sf=1.000
COMB=3N sf=1.000
COMB=4N sf=1.000

OUTPUT
ELEM=JOINT TYPE=DISP REAC LOAD=> COMB=>
ELEM=FRAME TYPE=FORCE LOAD=> COMB=>

Name=2N10 Type=ENVE :
LOAD=P3 sf=1.000
LOAD=A2 sf=1.000

Name=3N1 Type=ENVE :
LOAD=A1 sf=1.000
LOAD=P1 sf=1.000
LOAD=P2 sf=1.000

Name=3N2 Type=ENVE :
LOAD=A1 sf=1.000
LOAD=P1 sf=1.000
LOAD=P3 sf=1.000

Name=3N3 Type=ENVE :
LOAD=A1 sf=1.000
LOAD=P1 sf=1.000
LOAD=A2 sf=1.000

Name=3N4 Type=ENVE :
LOAD=A1 sf=1.000
LOAD=P2 sf=1.000
LOAD=P3 sf=1.000

Name=3N5 Type=ENVE :
LOAD=A1 sf=1.000
LOAD=P2 sf=1.000
LOAD=A2 sf=1.000

Name=3N6 Type=ENVE :
LOAD=A1 sf=1.000
LOAD=P3 sf=1.000
LOAD=A2 sf=1.000

Name=3N7 Type=ENVE :
LOAD=P1 sf=1.000
LOAD=P2 sf=1.000
LOAD=P3 sf=1.000

Name=3N8 Type=ENVE :
LOAD=P1 sf=1.000
LOAD=P2 sf=1.000
LOAD=A2 sf=1.000

Name=3N9 Type=ENVE :
LOAD=P1 sf=1.000
LOAD=P3 sf=1.000
LOAD=A2 sf=1.000

Name=3N10 Type=ENVE :
LOAD=P2 sf=1.000
LOAD=P3 sf=1.000
LOAD=A2 sf=1.000

Name=4N1 Type=ENVE :
LOAD=A1 sf=1.000
LOAD=P1 sf=1.000
LOAD=P2 sf=1.000
LOAD=P3 sf=1.000

Name=4N2 Type=ENVE :
LOAD=A1 sf=1.000
LOAD=P1 sf=1.000
LOAD=P2 sf=1.000
LOAD=A2 sf=1.000

Name=4N3 Type=ENVE :
LOAD=A1 sf=1.000
LOAD=P1 sf=1.000
LOAD=P3 sf=1.000
LOAD=A2 sf=1.000

Name=4N4 Type=ENVE :
LOAD=A1 sf=1.000
LOAD=P2 sf=1.000
LOAD=P3 sf=1.000
LOAD=A2 sf=1.000

■ 대포천교-2주형
1) 합성 전
< BEFORE COMPOSITE SELF-WEIGHT LOAD >

SYSTEM		FORCE=KN	
LENGTH=M			
JOINT			
1	X= 0.000	Y=0.000	Z=0.000
2	X= 4.270	Y=0.000	Z=0.045
3	X= 8.270	Y=0.000	Z=0.097
4	X= 14.270	Y=0.000	Z=0.149
5	X= 19.270	Y=0.000	Z=0.201
6	X= 24.270	Y=0.000	Z=0.253
7	X= 29.270	Y=0.000	Z=0.305
8	X= 34.270	Y=0.000	Z=0.357
9	X= 39.270	Y=0.000	Z=0.410
10	X= 44.270	Y=0.000	Z=0.462
11	X= 49.270	Y=0.000	Z=0.514
12	X= 54.270	Y=0.000	Z=0.566
13	X= 59.270	Y=0.000	Z=0.618
14	X= 64.270	Y=0.000	Z=0.670
15	X= 69.270	Y=0.000	Z=0.722
16	X= 74.270	Y=0.000	Z=0.775
17	X= 79.270	Y=0.000	Z=0.827
18	X= 84.270	Y=0.000	Z=0.879
19	X= 89.270	Y=0.000	Z=0.931
20	X= 94.270	Y=0.000	Z=0.983
21	X= 99.270	Y=0.000	Z=1.035
22	X= 104.270	Y=0.000	Z=1.088
23	X= 109.270	Y=0.000	Z=1.140
24	X= 114.270	Y=0.000	Z=1.192
25	X= 119.270	Y=0.000	Z=1.244
26	X= 124.270	Y=0.000	Z=1.296
27	X= 129.270	Y=0.000	Z=1.348
28	X= 134.270	Y=0.000	Z=1.400
29	X= 139.270	Y=0.000	Z=1.453
30	X= 144.270	Y=0.000	Z=1.505
31	X= 149.270	Y=0.000	Z=1.557
32	X= 154.270	Y=0.000	Z=1.609
33	X= 159.270	Y=0.000	Z=1.661
34	X= 164.270	Y=0.000	Z=1.713
35	X= 169.270	Y=0.000	Z=1.765
36	X= 174.270	Y=0.000	Z=1.818
37	X= 179.270	Y=0.000	Z=1.870
38	X= 184.270	Y=0.000	Z=1.922
39	X= 189.270	Y=0.000	Z=1.974
40	X= 194.270	Y=0.000	Z=2.026
41	X= 199.270	Y=0.000	Z=2.078
42	X= 204.270	Y=0.000	Z=2.131
43	X= 209.270	Y=0.000	Z=2.183
44	X= 0.000	Y=-7.300	Z=-0.146
45	X= 4.270	Y=-7.300	Z=-0.101
46	X= 8.270	Y=-7.300	Z=-0.049
47	X= 12.270	Y=-7.300	Z=-0.003
48	X= 16.270	Y=-7.300	Z=-0.055
49	X= 20.270	Y=-7.300	Z=-0.107
50	X= 24.270	Y=-7.300	Z=-0.159
51	X= 28.270	Y=-7.300	Z=-0.211
52	X= 32.270	Y=-7.300	Z=-0.264
53	X= 36.270	Y=-7.300	Z=-0.316
54	X= 40.270	Y=-7.300	Z=-0.368
55	X= 44.270	Y=-7.300	Z=-0.420
56	X= 48.270	Y=-7.300	Z=-0.472
57	X= 52.270	Y=-7.300	Z=-0.524
58	X= 56.270	Y=-7.300	Z=-0.576
59	X= 60.270	Y=-7.300	Z=-0.629
60	X= 64.270	Y=-7.300	Z=-0.681
61	X= 68.270	Y=-7.300	Z=-0.733
62	X= 72.270	Y=-7.300	Z=-0.785
63	X= 76.270	Y=-7.300	Z=-0.837
64	X= 80.270	Y=-7.300	Z=-0.889
65	X= 84.270	Y=-7.300	Z=-0.942
66	X= 88.270	Y=-7.300	Z=-0.994
67	X= 92.270	Y=-7.300	Z=-1.046
68	X= 96.270	Y=-7.300	Z=-1.098
69	X= 100.270	Y=-7.300	Z=-1.150
70	X= 104.270	Y=-7.300	Z=-1.202

71 X= 134.270 Y=-7.300 Z=1.254
72 X= 139.270 Y=-7.300 Z=1.307
73 X= 144.270 Y=-7.300 Z=1.359
74 X= 149.270 Y=-7.300 Z=1.411
75 X= 154.270 Y=-7.300 Z=1.463
76 X= 159.270 Y=-7.300 Z=1.515
77 X= 164.270 Y=-7.300 Z=1.567
78 X= 169.270 Y=-7.300 Z=1.619
79 X= 174.270 Y=-7.300 Z=1.672
80 X= 179.270 Y=-7.300 Z=1.724
81 X= 184.270 Y=-7.300 Z=1.776
82 X= 189.270 Y=-7.300 Z=1.828
83 X= 194.270 Y=-7.300 Z=1.880
84 X= 199.270 Y=-7.300 Z=1.932
85 X= 204.270 Y=-7.300 Z=1.985
86 X= 208.840 Y=-7.300 Z=2.032
87 X= -0.000 Y=-3.650 Z=-0.073
88 X= 4.270 Y=-3.650 Z=-0.029
89 X= 9.270 Y=-3.650 Z=0.024
90 X= 14.270 Y=-3.650 Z=0.076
91 X= 19.270 Y=-3.650 Z=0.128
92 X= 24.270 Y=-3.650 Z=0.180
93 X= 29.270 Y=-3.650 Z=0.232
94 X= 34.270 Y=-3.650 Z=0.284
95 X= 39.270 Y=-3.650 Z=0.337
96 X= 44.270 Y=-3.650 Z=0.389
97 X= 49.270 Y=-3.650 Z=0.441
98 X= 54.270 Y=-3.650 Z=0.493
99 X= 59.270 Y=-3.650 Z=0.545
100 X= 64.270 Y=-3.650 Z=0.597
101 X= 69.270 Y=-3.650 Z=0.649
102 X= 74.270 Y=-3.650 Z=0.702
103 X= 79.270 Y=-3.650 Z=0.754
104 X= 84.270 Y=-3.650 Z=0.806
105 X= 89.270 Y=-3.650 Z=0.858
106 X= 94.270 Y=-3.650 Z=0.910
107 X= 99.270 Y=-3.650 Z=0.962
108 X= 104.270 Y=-3.650 Z=1.015
109 X= 109.270 Y=-3.650 Z=1.067
110 X= 114.270 Y=-3.650 Z=1.119
111 X= 119.270 Y=-3.650 Z=1.171
112 X= 124.270 Y=-3.650 Z=1.223
113 X= 129.270 Y=-3.650 Z=1.275
114 X= 134.270 Y=-3.650 Z=1.327
115 X= 139.270 Y=-3.650 Z=1.380
116 X= 144.270 Y=-3.650 Z=1.432
117 X= 149.270 Y=-3.650 Z=1.484
118 X= 154.270 Y=-3.650 Z=1.536
119 X= 159.270 Y=-3.650 Z=1.588
120 X= 164.270 Y=-3.650 Z=1.640
121 X= 169.270 Y=-3.650 Z=1.692
122 X= 174.270 Y=-3.650 Z=1.745
123 X= 179.270 Y=-3.650 Z=1.797
124 X= 184.270 Y=-3.650 Z=1.849
125 X= 189.270 Y=-3.650 Z=1.901
126 X= 194.270 Y=-3.650 Z=1.953
127 X= 199.270 Y=-3.650 Z=2.005
128 X= 204.270 Y=-3.650 Z=2.058
129 X= 208.840 Y=-3.650 Z=2.105
130 X= 0.000 Y=0.000 Z=-0.800
131 X= 0.000 Y=0.832 Z=-0.800
132 X= 0.000 Y=-0.832 Z=-0.800
133 X= 49.270 Y=0.000 Z=-0.786
134 X= 49.270 Y=0.832 Z=-0.786
135 X= 49.270 Y=-0.832 Z=-0.786
136 X= 104.270 Y=0.000 Z=-0.212
137 X= 104.270 Y=0.832 Z=-0.212
138 X= 104.270 Y=-0.832 Z=-0.212
139 X= 159.270 Y=0.000 Z=0.361
140 X= 159.270 Y=0.832 Z=0.361
141 X= 159.270 Y=-0.832 Z=0.361
142 X= 208.840 Y=0.000 Z=1.378
143 X= 208.840 Y=0.832 Z=1.378
144 X= 208.840 Y=-0.832 Z=1.378
145 X= 0.000 Y=-7.300 Z=-0.946
146 X= 0.000 Y=-6.468 Z=-0.946
147 X= 0.000 Y=-8.132 Z=-0.946
148 X= 49.270 Y=-7.300 Z=-0.932

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E-2.05e+008
Name=12
E-2.05e+008
Name=13
E-2.05e+008
Name=14
E-2.05e+008
Name=15
E-2.05e+008

FRAME SECTION
Name= 1 Mat= 1 A=0.11836 I=0.06082595, 0.09899363 J=0.09220927 : GIRDER
Name= 2 Mat= 2 A=0.12236 I=0.07822105, 0.10523377 J=0.11028916 : GIRDER
Name= 3 Mat= 3 A=0.14976 I=0.09555057, 0.12243612 J=0.12677840 : GIRDER
Name= 4 Mat= 4 A=0.14384 I=0.09529228, 0.11785706 J=0.1267725 : GIRDER
Name= 5 Mat= 5 A=0.18264 I=0.12898709, 0.14529474 J=0.14607316 : GIRDER
Name= 6 Mat= 6 A=0.20272 I=0.15357348, 0.16434165 J=0.17947805 : GIRDER
Name= 7 Mat= 7 A=0.22200 I=0.30280010, 0.19190168 J=0.27588618 : GIRDER
Name= 8 Mat= 8 A=0.13880 I=0.09185186, 0.11557918 J=0.12276725 : GIRDER
Name= 9 Mat= 9 A=0.16072 I=0.11034077, 0.12923906 J=0.13572976 : GIRDER
Name= 10 Mat= 10 A=0.19176 I=0.14336206, 0.15749471 J=0.17373900 : GIRDER
Name= 11 Mat= 11 A=0.20904 I=0.28354668, 0.18474474 J=0.28874875 : GIRDER
Name= 12 Mat= 12 A=0.14428 I=0.09363140, 0.11900765 J=0.12116497 : GIRDER
Name= 13 Mat= 13 A=0.01920 I=0.00284355, 0.00005414 J=0.00000092 : CROSSBEAM
Name= 14 Mat= 14 A=0.01920 I=0.00284355, 0.00005414 J=0.00000092 : STRINGER
Name= 15 Mat= 15 A=10.000000 I=10.00000000, 10.00000000 J=10.00000000 : SHCE
Name= 16 Type=Nonpr Sec= 1, 2 Elvar=2.1
Name= 17 Type=Nonpr Sec= 2, 1
Name= 18 Type=Nonpr Sec= 2, 3
Name= 19 Type=Nonpr Sec= 2, 4
Name= 20 Type=Nonpr Sec= 2, 8
Name= 21 Type=Nonpr Sec= 3, 2
Name= 22 Type=Nonpr Sec= 3, 12
Name= 23 Type=Nonpr Sec= 4, 2
Name= 24 Type=Nonpr Sec= 4, 5
Name= 25 Type=Nonpr Sec= 5, 4
Name= 26 Type=Nonpr Sec= 5, 6
Name= 27 Type=Nonpr Sec= 6, 5
Name= 28 Type=Nonpr Sec= 6, 7
Name= 29 Type=Nonpr Sec= 7, 6
Name= 30 Type=Nonpr Sec= 8, 5
Name= 31 Type=Nonpr Sec= 8, 9
Name= 32 Type=Nonpr Sec= 9, 4
Name= 33 Type=Nonpr Sec= 9, 10
Name= 34 Type=Nonpr Sec= 10, 9
Name= 35 Type=Nonpr Sec= 10, 11
Name= 36 Type=Nonpr Sec= 11, 10
Name= 37 Type=Nonpr Sec= 12, 2

FRAME
1 J= 1, 2 Sec=16 Local=12 Rdir=+X NSEG=4
2 J= 2, 3 Sec= 2
3 J= 3, 4 Sec=18
4 J= 4, 5 Sec= 3
5 J= 5, 6 Sec= 3
6 J= 6, 7 Sec=21
7 J= 7, 8 Sec=19
8 J= 8, 9 Sec=24
9 J= 9, 10 Sec=26
10 J= 10, 11 Sec=28
11 J= 11, 12 Sec=29
12 J= 12, 13 Sec=27
13 J= 13, 14 Sec=25
14 J= 14, 15 Sec=23
15 J= 15, 16 Sec= 2
16 J= 16, 17 Sec= 2
17 J= 17, 18 Sec= 2
18 J= 18, 19 Sec=20
19 J= 19, 20 Sec=31
20 J= 20, 21 Sec=33
21 J= 21, 22 Sec=35
22 J= 22, 23 Sec=36
23 J= 23, 24 Sec=34
24 J= 24, 25 Sec=32
25 J= 25, 26 Sec=23
26 J= 26, 27 Sec= 2
27 J= 27, 28 Sec= 2
28 J= 28, 29 Sec= 2

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149 X= 49.270 Y=-6.468 Z=-0.932
150 X= 49.270 Y=-8.132 Z=-0.932
151 X= 104.270 Y=-7.300 Z=-0.358
152 X= 104.270 Y=-6.468 Z=-0.358
153 X= 104.270 Y=-8.132 Z=-0.358
154 X= 159.270 Y=-7.300 Z=0.215
155 X= 159.270 Y=-6.468 Z=0.215
156 X= 159.270 Y=-8.132 Z=0.215
157 X= 208.840 Y=-7.300 Z=1.232
158 X= 208.840 Y=-6.468 Z=1.232
159 X= 208.840 Y=-8.132 Z=1.232

LOCAL
ADD= 131 ANG=0.000
ADD= 132 ANG=0.000
ADD= 134 ANG=0.000
ADD= 135 ANG=0.000
ADD= 137 ANG=0.000
ADD= 138 ANG=0.000
ADD= 140 ANG=0.000
ADD= 141 ANG=0.000
ADD= 143 ANG=0.000
ADD= 144 ANG=0.000
ADD= 146 ANG=3.094
ADD= 147 ANG=4.005
ADD= 149 ANG=5.851
ADD= 150 ANG=7.561
ADD= 152 ANG=0.000
ADD= 153 ANG=0.000
ADD= 155 ANG=-5.851
ADD= 156 ANG=-7.561
ADD= 158 ANG=-3.085
ADD= 159 ANG=-3.993

RESTRAINT
ADD= 131 DOF= U2, U3
ADD= 132 DOF= U2, U3
ADD= 134 DOF= U2, U3
ADD= 135 DOF= U2, U3
ADD= 137 DOF= U1, U2, U3
ADD= 138 DOF= U1, U2, U3
ADD= 140 DOF= U2, U3
ADD= 141 DOF= U2, U3
ADD= 143 DOF= U2, U3
ADD= 144 DOF= U2, U3
ADD= 146 DOF= U3
ADD= 147 DOF= U3
ADD= 149 DOF= U3
ADD= 150 DOF= U3
ADD= 152 DOF= U1, U3
ADD= 153 DOF= U1, U3
ADD= 155 DOF= U3
ADD= 156 DOF= U3
ADD= 158 DOF= U3
ADD= 159 DOF= U3

MATERIAL
Name=1
E=2.05e+008
Name=2
E=2.05e+008
Name=3
E=2.05e+008
Name=4
E=2.05e+008
Name=5
E=2.05e+008
Name=6
E=2.05e+008
Name=7
E=2.05e+008
Name=8
E=2.05e+008
Name=9
E=2.05e+008
Name=10
E=2.05e+008
Name=11

29 J= 29, 30 Sec=20
30 J= 30, 31 Sec=30
31 J= 31, 32 Sec=26
32 J= 32, 33 Sec=28
33 J= 33, 34 Sec=29
34 J= 34, 35 Sec=27
35 J= 35, 36 Sec=25
36 J= 36, 37 Sec=23
37 J= 37, 38 Sec=18
38 J= 38, 39 Sec= 3
39 J= 39, 40 Sec= 3
40 J= 40, 41 Sec=22
41 J= 41, 42 Sec=37
42 J= 42, 43 Sec=17
43 J= 44, 45 Sec=16
44 J= 45, 46 Sec= 2
45 J= 46, 47 Sec=18
46 J= 47, 48 Sec= 3
47 J= 48, 49 Sec= 3
48 J= 49, 50 Sec=21
49 J= 50, 51 Sec=19
50 J= 51, 52 Sec=24
51 J= 52, 53 Sec=26
52 J= 53, 54 Sec=28
53 J= 54, 55 Sec=29
54 J= 55, 56 Sec=27
55 J= 56, 57 Sec=25
56 J= 57, 58 Sec=23
57 J= 58, 59 Sec= 2
58 J= 59, 60 Sec= 2
59 J= 60, 61 Sec= 2
60 J= 61, 62 Sec=20
61 J= 62, 63 Sec=31
62 J= 63, 64 Sec=33
63 J= 64, 65 Sec=35
64 J= 65, 66 Sec=36
65 J= 66, 67 Sec=34
66 J= 67, 68 Sec=32
67 J= 68, 69 Sec=23
68 J= 69, 70 Sec= 2
69 J= 70, 71 Sec= 2
70 J= 71, 72 Sec= 2
71 J= 72, 73 Sec=20
72 J= 73, 74 Sec=30
73 J= 74, 75 Sec=26
74 J= 75, 76 Sec=28
75 J= 76, 77 Sec=29
76 J= 77, 78 Sec=27
77 J= 78, 79 Sec=25
78 J= 79, 80 Sec=23
79 J= 80, 81 Sec=18
80 J= 81, 82 Sec= 3
81 J= 82, 83 Sec= 3
82 J= 83, 84 Sec=22
83 J= 84, 85 Sec=37
84 J= 85, 86 Sec=17
85 J= 1, 87 Sec=13 IOFF=1.250 JOFF=0.000 RIGID=1.0
86 J= 87, 44 Sec=13 IOFF=0.000 JOFF=1.250 RIGID=1.0
87 J= 2, 88 Sec=13 IOFF=1.250 JOFF=0.000 RIGID=1.0
88 J= 88, 45 Sec=13 IOFF=0.000 JOFF=1.250 RIGID=1.0
89 J= 3, 89 Sec=13 IOFF=1.250 JOFF=0.000 RIGID=1.0
90 J= 89, 46 Sec=13 IOFF=0.000 JOFF=1.250 RIGID=1.0
91 J= 4, 90 Sec=13 IOFF=1.250 JOFF=0.000 RIGID=1.0
92 J= 90, 47 Sec=13 IOFF=0.000 JOFF=1.250 RIGID=1.0
93 J= 5, 91 Sec=13 IOFF=1.250 JOFF=0.000 RIGID=1.0
94 J= 91, 48 Sec=13 IOFF=0.000 JOFF=1.250 RIGID=1.0
95 J= 6, 92 Sec=13 IOFF=1.250 JOFF=0.000 RIGID=1.0
96 J= 92, 49 Sec=13 IOFF=0.000 JOFF=1.250 RIGID=1.0
97 J= 7, 93 Sec=13 IOFF=1.250 JOFF=0.000 RIGID=1.0
98 J= 93, 50 Sec=13 IOFF=0.000 JOFF=1.250 RIGID=1.0
99 J= 8, 94 Sec=13 IOFF=1.250 JOFF=0.000 RIGID=1.0
100 J= 94, 51 Sec=13 IOFF=0.000 JOFF=1.250 RIGID=1.0
101 J= 9, 95 Sec=13 IOFF=1.250 JOFF=0.000 RIGID=1.0
102 J= 95, 52 Sec=13 IOFF=0.000 JOFF=1.250 RIGID=1.0
103 J= 10, 96 Sec=13 IOFF=1.250 JOFF=0.000 RIGID=1.0
104 J= 96, 53 Sec=13 IOFF=0.000 JOFF=1.250 RIGID=1.0
105 J= 11, 97 Sec=13 IOFF=1.250 JOFF=0.000 RIGID=1.0
106 J= 97, 54 Sec=13 IOFF=0.000 JOFF=1.250 RIGID=1.0

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185	=J01, 102	Sec=14
186	=J02, 103	Sec=14
187	=J03, 104	Sec=14
188	=J04, 105	Sec=14
189	=J05, 106	Sec=14
190	=J06, 107	Sec=14
191	=J07, 108	Sec=14
192	=J08, 109	Sec=14
193	=J09, 110	Sec=14
194	=J10, 111	Sec=14
195	=J11, 112	Sec=14
196	=J12, 113	Sec=14
197	=J13, 114	Sec=14
198	=J14, 115	Sec=14
199	=J15, 116	Sec=14
200	=J16, 117	Sec=14
201	=J17, 118	Sec=14
202	=J18, 119	Sec=14
203	=J19, 120	Sec=14
204	=J20, 121	Sec=14
205	=J21, 122	Sec=14
206	=J22, 123	Sec=14
207	=J23, 124	Sec=14
208	=J24, 125	Sec=14
209	=J25, 126	Sec=14
210	=J26, 127	Sec=14
211	=J27, 128	Sec=14
212	=J28, 129	Sec=14
213	=J1, 130	Sec=15
214	=J31, 130	Sec=15
215	=J32, 130	Sec=15
216	=J1, 133	Sec=15
217	=J34, 133	Sec=15
218	=J35, 133	Sec=15
219	=J2, 136	Sec=15
220	=J37, 136	Sec=15
221	=J38, 136	Sec=15
222	=J3, 139	Sec=15
223	=J40, 139	Sec=15
224	=J41, 139	Sec=15
225	=J43, 142	Sec=15
226	=J43, 142	Sec=15
227	=J44, 142	Sec=15
228	=J4, 145	Sec=15
229	=J46, 145	Sec=15
230	=J47, 145	Sec=15
231	=J4, 148	Sec=15
232	=J49, 148	Sec=15
233	=J50, 148	Sec=15
234	=J6, 151	Sec=15
235	=J52, 151	Sec=15
236	=J53, 151	Sec=15
237	=J7, 154	Sec=15
238	=J55, 154	Sec=15
239	=J56, 154	Sec=15
240	=J6, 157	Sec=15
241	=J58, 157	Sec=15
242	=J59, 157	Sec=15

Add: 17	R=0.000, 1.000	Uz=13.437	-13.437
Add: 18	R=0.000, 1.000	Uz=13.437	-13.432
Add: 19	R=0.000, 1.000	Uz=15.242	-17.969
Add: 20	R=0.000, 1.000	Uz=15.242	-22.695
Add: 21	R=0.000, 1.000	Uz=15.242	-22.695
Add: 22	R=0.000, 1.000	Uz=15.242	-22.695
Add: 23	R=0.000, 1.000	Uz=22.958	-21.058
Add: 24	R=0.000, 1.000	Uz=22.958	-21.058
Add: 25	R=0.000, 1.000	Uz=15.796	-13.437
Add: 26	R=0.000, 1.000	Uz=13.437	-13.437
Add: 27	R=0.000, 1.000	Uz=13.437	-13.437
Add: 28	R=0.000, 1.000	Uz=13.437	-13.437
Add: 29	R=0.000, 1.000	Uz=13.437	-13.432
Add: 30	R=0.000, 1.000	Uz=15.242	-20.000
Add: 31	R=0.000, 1.000	Uz=20.057	-22.262
Add: 32	R=0.000, 1.000	Uz=20.057	-22.262
Add: 33	R=0.000, 1.000	Uz=24.159	-22.262
Add: 34	R=0.000, 1.000	Uz=22.262	-20.057
Add: 35	R=0.000, 1.000	Uz=20.057	-15.796
Add: 36	R=0.000, 1.000	Uz=13.437	-13.437
Add: 37	R=0.000, 1.000	Uz=13.437	-16.446
Add: 38	R=0.000, 1.000	Uz=16.446	-16.446
Add: 39	R=0.000, 1.000	Uz=16.446	-16.446
Add: 40	R=0.000, 1.000	Uz=16.446	-16.446
Add: 41	R=0.000, 1.000	Uz=15.844	-13.437
Add: 42	R=0.000, 1.000	Uz=13.437	-12.998
Add: 43	R=0.000, 1.000	Uz=12.998	-13.437
Add: 44	R=0.000, 1.000	Uz=12.998	-13.437
Add: 45	R=0.000, 1.000	Uz=13.437	-16.446
Add: 46	R=0.000, 1.000	Uz=16.446	-16.446
Add: 47	R=0.000, 1.000	Uz=16.446	-16.446
Add: 48	R=0.000, 1.000	Uz=16.446	-13.437
Add: 49	R=0.000, 1.000	Uz=13.437	-15.796
Add: 50	R=0.000, 1.000	Uz=15.796	-20.057
Add: 51	R=0.000, 1.000	Uz=20.057	-22.262
Add: 52	R=0.000, 1.000	Uz=22.262	-24.159
Add: 53	R=0.000, 1.000	Uz=24.159	-22.262
Add: 54	R=0.000, 1.000	Uz=22.262	-20.057
Add: 55	R=0.000, 1.000	Uz=20.057	-15.796
Add: 56	R=0.000, 1.000	Uz=15.796	-13.437
Add: 57	R=0.000, 1.000	Uz=13.437	-13.437
Add: 58	R=0.000, 1.000	Uz=13.437	-13.437
Add: 59	R=0.000, 1.000	Uz=13.437	-13.437
Add: 60	R=0.000, 1.000	Uz=13.437	-15.242
Add: 61	R=0.000, 1.000	Uz=15.242	-17.969
Add: 62	R=0.000, 1.000	Uz=17.969	-22.695
Add: 63	R=0.000, 1.000	Uz=22.695	-22.695
Add: 64	R=0.000, 1.000	Uz=24.159	-21.058
Add: 65	R=0.000, 1.000	Uz=21.058	-17.969
Add: 66	R=0.000, 1.000	Uz=17.969	-15.796
Add: 67	R=0.000, 1.000	Uz=15.796	-13.437
Add: 68	R=0.000, 1.000	Uz=13.437	-13.437
Add: 69	R=0.000, 1.000	Uz=13.437	-13.437
Add: 70	R=0.000, 1.000	Uz=13.437	-13.437
Add: 71	R=0.000, 1.000	Uz=13.437	-15.242
Add: 72	R=0.000, 1.000	Uz=15.242	-20.000
Add: 73	R=0.000, 1.000	Uz=20.057	-22.262
Add: 74	R=0.000, 1.000	Uz=22.262	-24.159
Add: 75	R=0.000, 1.000	Uz=24.159	-22.262
Add: 76	R=0.000, 1.000	Uz=22.262	-20.057
Add: 77	R=0.000, 1.000	Uz=20.057	-15.796
Add: 78	R=0.000, 1.000	Uz=15.796	-13.437
Add: 79	R=0.000, 1.000	Uz=13.437	-16.446
Add: 80	R=0.000, 1.000	Uz=16.446	-16.446
Add: 81	R=0.000, 1.000	Uz=16.446	-16.446
Add: 82	R=0.000, 1.000	Uz=16.446	-16.446
Add: 83	R=0.000, 1.000	Uz=15.844	-13.437
Add: 84	R=0.000, 1.000	Uz=13.437	-12.998
Add: 85	R=0.000, 1.000	Uz=12.998	-13.437
Add: 86	R=0.000, 1.000	Uz=12.998	-13.437
Add: 87	R=0.000, 1.000	Uz=13.437	-16.446
Add: 88	R=0.000, 1.000	Uz=16.446	

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[illegible]

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Add-143	RD=0.342, 0.945	Uzpo=0.633, -0.633
Add-144	RD=0.055, 0.658	Uzpo=1.063, -1.063
Add-145	RD=0.342, 0.945	Uzpo=0.633, -0.633
Add-146	RD=0.055, 0.658	Uzpo=1.063, -1.063
Add-147	RD=0.342, 0.945	Uzpo=0.633, -0.633
Add-148	RD=0.055, 0.658	Uzpo=1.063, -1.063
Add-149	RD=0.342, 0.945	Uzpo=0.633, -0.633
Add-150	RD=0.055, 0.658	Uzpo=1.063, -1.063
Add-151	RD=0.342, 0.945	Uzpo=0.633, -0.633
Add-152	RD=0.055, 0.658	Uzpo=1.063, -1.063
Add-153	RD=0.342, 0.945	Uzpo=0.633, -0.633
Add-154	RD=0.055, 0.658	Uzpo=1.063, -1.063
Add-155	RD=0.342, 0.945	Uzpo=0.633, -0.633
Add-156	RD=0.055, 0.658	Uzpo=1.063, -1.063
Add-157	RD=0.342, 0.945	Uzpo=0.633, -0.633
Add-158	RD=0.055, 0.658	Uzpo=1.063, -1.063
Add-159	RD=0.342, 0.945	Uzpo=0.633, -0.633
Add-160	RD=0.055, 0.658	Uzpo=1.063, -1.063
Add-161	RD=0.342, 0.945	Uzpo=0.633, -0.633
Add-162	RD=0.055, 0.658	Uzpo=1.063, -1.063
Add-163	RD=0.342, 0.945	Uzpo=0.633, -0.633
Add-164	RD=0.055, 0.658	Uzpo=1.063, -1.063
Add-165	RD=0.342, 0.945	Uzpo=0.633, -0.633
Add-166	RD=0.055, 0.658	Uzpo=1.063, -1.063
Add-167	RD=0.342, 0.945	Uzpo=0.633, -0.633
Add-168	RD=0.055, 0.658	Uzpo=1.063, -1.063

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

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

```

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

```

2. 합성 부

< AFTER COMPOSITE SELF-WEIGHT LOAD >

SYSTEM
LENGTH=M FORCE=KN

JOINT

1 X= 0.000 Y=0.000 Z=0.000
2 X= 4.270 Y=0.000 Z=0.045
3 X= 9.270 Y=0.000 Z=0.057
4 X= 14.270 Y=0.000 Z=0.149
5 X= 19.270 Y=0.000 Z=0.201
6 X= 24.270 Y=0.000 Z=0.253
7 X= 29.270 Y=0.000 Z=0.305
8 X= 34.270 Y=0.000 Z=0.357
9 X= 39.270 Y=0.000 Z=0.410
10 X= 44.270 Y=0.000 Z=0.462
11 X= 49.270 Y=0.000 Z=0.514
12 X= 54.270 Y=0.000 Z=0.566
13 X= 59.270 Y=0.000 Z=0.618
14 X= 64.270 Y=0.000 Z=0.670
15 X= 69.270 Y=0.000 Z=0.722
16 X= 74.270 Y=0.000 Z=0.775
17 X= 79.270 Y=0.000 Z=0.827
18 X= 84.270 Y=0.000 Z=0.879
19 X= 89.270 Y=0.000 Z=0.931
20 X= 94.270 Y=0.000 Z=0.983
21 X= 99.270 Y=0.000 Z=1.035
22 X= 104.270 Y=0.000 Z=1.088
23 X= 109.270 Y=0.000 Z=1.140
24 X= 114.270 Y=0.000 Z=1.192
25 X= 119.270 Y=0.000 Z=1.244
26 X= 124.270 Y=0.000 Z=1.296
27 X= 129.270 Y=0.000 Z=1.348
28 X= 134.270 Y=0.000 Z=1.400
29 X= 139.270 Y=0.000 Z=1.453
30 X= 144.270 Y=0.000 Z=1.505
31 X= 149.270 Y=0.000 Z=1.557
32 X= 154.270 Y=0.000 Z=1.609
33 X= 159.270 Y=0.000 Z=1.661
34 X= 164.270 Y=0.000 Z=1.713
35 X= 169.270 Y=0.000 Z=1.765
36 X= 174.270 Y=0.000 Z=1.818
37 X= 179.270 Y=0.000 Z=1.870
38 X= 184.270 Y=0.000 Z=1.922
39 X= 189.270 Y=0.000 Z=1.974
40 X= 194.270 Y=0.000 Z=2.026
41 X= 199.270 Y=0.000 Z=2.078
42 X= 204.270 Y=0.000 Z=2.131
43 X= 208.840 Y=0.000 Z=2.178
44 X= 0.000 Y=-7.300 Z=-0.146
45 X= 4.270 Y=-7.300 Z=-0.101
46 X= 9.270 Y=-7.300 Z=-0.049
47 X= 14.270 Y=-7.300 Z=-0.003
48 X= 19.270 Y=-7.300 Z=-0.055
49 X= 24.270 Y=-7.300 Z=-0.107
50 X= 29.270 Y=-7.300 Z=-0.159
51 X= 34.270 Y=-7.300 Z=-0.211
52 X= 39.270 Y=-7.300 Z=-0.264
53 X= 44.270 Y=-7.300 Z=-0.316
54 X= 49.270 Y=-7.300 Z=-0.368
55 X= 54.270 Y=-7.300 Z=-0.420
56 X= 59.270 Y=-7.300 Z=-0.472
57 X= 64.270 Y=-7.300 Z=-0.524
58 X= 69.270 Y=-7.300 Z=-0.576
59 X= 74.270 Y=-7.300 Z=-0.629
60 X= 79.270 Y=-7.300 Z=-0.681
61 X= 84.270 Y=-7.300 Z=-0.733
62 X= 89.270 Y=-7.300 Z=-0.785
63 X= 94.270 Y=-7.300 Z=-0.837
64 X= 99.270 Y=-7.300 Z=-0.889
65 X= 104.270 Y=-7.300 Z=-0.942
66 X= 109.270 Y=-7.300 Z=-0.994
67 X= 114.270 Y=-7.300 Z=-1.046
68 X= 119.270 Y=-7.300 Z=-1.098
69 X= 124.270 Y=-7.300 Z=-1.150
70 X= 129.270 Y=-7.300 Z=-1.202
71 X= 134.270 Y=-7.300 Z=-1.254

150 X= 49.270 Y=-8.132 Z=-0.932
151 X= 104.270 Y=-7.300 Z=-0.358
152 X= 104.270 Y=-6.468 Z=-0.358
153 X= 104.270 Y=-8.132 Z=-0.358
154 X= 159.270 Y=-7.300 Z=-0.215
155 X= 159.270 Y=-6.468 Z=-0.215
156 X= 159.270 Y=-8.132 Z=-0.215
157 X= 208.840 Y=-7.300 Z=1.232
158 X= 208.840 Y=-6.468 Z=1.232
159 X= 208.840 Y=-8.132 Z=1.232

LOCAL

ADD= 131 ANG=0.000
ADD= 132 ANG=0.000
ADD= 134 ANG=0.000
ADD= 135 ANG=0.000
ADD= 137 ANG=0.000
ADD= 138 ANG=0.000
ADD= 140 ANG=0.000
ADD= 141 ANG=0.000
ADD= 143 ANG=0.000
ADD= 144 ANG=0.000
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ADD= 147 DOF= U3, U3, U3
ADD= 149 DOF= U3, U3, U3
ADD= 150 DOF= U1, U3, U3
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76 X= 159.270 Y=-7.300 Z=1.515
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78 X= 169.270 Y=-7.300 Z=1.619
79 X= 174.270 Y=-7.300 Z=1.672
80 X= 179.270 Y=-7.300 Z=1.724
81 X= 184.270 Y=-7.300 Z=1.776
82 X= 189.270 Y=-7.300 Z=1.828
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85 X= 204.270 Y=-7.300 Z=1.985
86 X= 208.840 Y=-7.300 Z=2.032
87 X= -0.000 Y=-3.650 Z=-0.073
88 X= 4.270 Y=-3.650 Z=-0.028
89 X= 9.270 Y=-3.650 Z=0.024
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91 X= 19.270 Y=-3.650 Z=0.128
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Name= 3 Mat= 3 A=0.36298 I=0.22358603, 0.80791717 J=0.15954301 : GIRDER
Name= 4 Mat= 4 A=0.35704 I=0.19556194, 0.80253346 J=0.14789578 : GIRDER
Name= 5 Mat= 5 A=0.39584 I=0.24855418, 0.83479680 J=0.16586118 : GIRDER
Name= 6 Mat= 6 A=0.41592 I=0.28981710, 0.85690201 J=0.20380958 : GIRDER
Name= 7 Mat= 7 A=0.43320 I=0.34841227, 0.89495134 J=0.30505178 : GIRDER
Name= 8 Mat= 8 A=0.35200 I=0.18487139, 0.79954921 J=0.14796578 : GIRDER
Name= 9 Mat= 9 A=0.37392 I=0.22241566, 0.81619655 J=0.15803023 : GIRDER
Name= 10 Mat= 10 A=0.40496 I=0.27506498, 0.84793690 J=0.19942405 : GIRDER
Name= 11 Mat= 11 A=0.42224 I=0.3247254, 0.87703898 J=0.25966921 : GIRDER
Name= 12 Mat= 12 A=0.35748 I=0.22299571, 0.80374477 J=0.15878456 : GIRDER
Name= 13 Mat= 13 A=0.33297 I=0.13557049, 0.79107401 J=0.11995713 : GIRDER
Name= 14 Mat= 14 A=0.33697 I=0.17066106, 0.79797019 J=0.14108490 : GIRDER
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Name= 23 Mat= 23 A=0.42365 I=0.32429941, 0.88757287 J=0.25966921 : GIRDER
Name= 24 Mat= 24 A=0.35889 I=0.22334366, 0.81471451 J=0.15878456 : GIRDER
Name= 25 Mat= 25 A=0.01920 I=0.00284355, 0.00005414 J=0.00000092 : CROSSBEAM
Name= 26 Mat= 26 A=0.01920 I=0.00284355, 0.00005414 J=0.00000092 : STRINGER
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3 J= 3, 4 Sec=30
4 J= 4, 5 Sec= 3
5 J= 5, 6 Sec= 3
6 J= 6, 7 Sec=33
7 J= 7, 8 Sec=31
8 J= 8, 9 Sec=36
9 J= 9, 10 Sec=38
10 J= 10, 11 Sec=40
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15 J= 15, 16 Sec= 2
16 J= 16, 17 Sec= 2
17 J= 17, 18 Sec= 2
18 J= 18, 19 Sec=32
19 J= 19, 20 Sec=43
20 J= 20, 21 Sec=45
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22 J= 22, 23 Sec=48
23 J= 23, 24 Sec=46
24 J= 24, 25 Sec=44
25 J= 25, 26 Sec=35
26 J= 26, 27 Sec= 2
27 J= 27, 28 Sec= 2
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36 J= 36, 37 Sec=35
37 J= 37, 38 Sec=30
38 J= 38, 39 Sec= 3
39 J= 39, 40 Sec= 3
40 J= 40, 41 Sec=34
41 J= 41, 42 Sec=49
42 J= 42, 43 Sec=29
43 J= 44, 45 Sec=50
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45 J= 46, 47 Sec=52
46 J= 47, 48 Sec=15
47 J= 48, 49 Sec=15
48 J= 49, 50 Sec=55
49 J= 50, 51 Sec=53

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235 J=152, 151 Sec=27
236 J=153, 151 Sec=27
237 J= 76, 154 Sec=27
238 J=155, 154 Sec=27
239 J=156, 154 Sec=27
240 J= 86, 157 Sec=27
241 J=158, 157 Sec=27
242 J=159, 157 Sec=27

LOAD
Name=AFTER : AFTER SELF-WEIGHT LOAD (부식시뮬레이션 포함)
Type=Distributed Span
Add= 1 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
Add= 2 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
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Add= 5 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
Add= 6 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
Add= 7 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
Add= 8 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
Add= 9 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
Add= 10 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
Add= 11 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
Add= 12 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
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Add= 16 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
Add= 17 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
Add= 18 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
Add= 19 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
Add= 20 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
Add= 21 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
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Add= 23 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
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- 84 -

Add= 38 RD=0.000, 1.000 Uzp=-16.493, -16.493 R1=-16.359, -16.359
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Add=212 RD=0.000, 1.000 Uzp=-6.852, -6.852

COMBO
Name=AFter Type=ADD :
LOAD=AFter sf=1.000

OUTPUT
ELEM=JOINT TYPE=DISP REAC LOAD=> COMB=>
ELEM=FRAME TYPE=FORCE LOAD=> COMB=>

3 철하중 재하시 < MOVING LOAD >

SYSTEM
LENGTH=M FORCE=KN

JOINT
1 X= 0.000 Y=0.000 Z=0.000
2 X= 4.270 Y=0.000 Z=0.045
3 X= 9.270 Y=0.000 Z=0.057
4 X= 14.270 Y=0.000 Z=0.149
5 X= 19.270 Y=0.000 Z=0.201
6 X= 24.270 Y=0.000 Z=0.253
7 X= 29.270 Y=0.000 Z=0.305
8 X= 34.270 Y=0.000 Z=0.357
9 X= 39.270 Y=0.000 Z=0.410
10 X= 44.270 Y=0.000 Z=0.462
11 X= 49.270 Y=0.000 Z=0.514
12 X= 54.270 Y=0.000 Z=0.566
13 X= 59.270 Y=0.000 Z=0.618
14 X= 64.270 Y=0.000 Z=0.670
15 X= 69.270 Y=0.000 Z=0.722
16 X= 74.270 Y=0.000 Z=0.775
17 X= 79.270 Y=0.000 Z=0.827
18 X= 84.270 Y=0.000 Z=0.879
19 X= 89.270 Y=0.000 Z=0.931
20 X= 94.270 Y=0.000 Z=0.983
21 X= 99.270 Y=0.000 Z=1.035
22 X= 104.270 Y=0.000 Z=1.088
23 X= 109.270 Y=0.000 Z=1.140
24 X= 114.270 Y=0.000 Z=1.192
25 X= 119.270 Y=0.000 Z=1.244
26 X= 124.270 Y=0.000 Z=1.296
27 X= 129.270 Y=0.000 Z=1.348
28 X= 134.270 Y=0.000 Z=1.400
29 X= 139.270 Y=0.000 Z=1.453
30 X= 144.270 Y=0.000 Z=1.505
31 X= 149.270 Y=0.000 Z=1.557
32 X= 154.270 Y=0.000 Z=1.609
33 X= 159.270 Y=0.000 Z=1.661
34 X= 164.270 Y=0.000 Z=1.713
35 X= 169.270 Y=0.000 Z=1.765
36 X= 174.270 Y=0.000 Z=1.818
37 X= 179.270 Y=0.000 Z=1.870
38 X= 184.270 Y=0.000 Z=1.922
39 X= 189.270 Y=0.000 Z=1.974
40 X= 194.270 Y=0.000 Z=2.026
41 X= 199.270 Y=0.000 Z=2.078
42 X= 204.270 Y=0.000 Z=2.131
43 X= 208.840 Y=0.000 Z=2.178
44 X= 0.000 Y=-7.300 Z=-0.146
45 X= 4.270 Y=-7.300 Z=-0.101
46 X= 9.270 Y=-7.300 Z=-0.049
47 X= 14.270 Y=-7.300 Z=0.003
48 X= 19.270 Y=-7.300 Z=0.055
49 X= 24.270 Y=-7.300 Z=0.107
50 X= 29.270 Y=-7.300 Z=0.159
51 X= 34.270 Y=-7.300 Z=0.211
52 X= 39.270 Y=-7.300 Z=0.264
53 X= 44.270 Y=-7.300 Z=0.316
54 X= 49.270 Y=-7.300 Z=0.368
55 X= 54.270 Y=-7.300 Z=0.420
56 X= 59.270 Y=-7.300 Z=0.472
57 X= 64.270 Y=-7.300 Z=0.524
58 X= 69.270 Y=-7.300 Z=0.576
59 X= 74.270 Y=-7.300 Z=0.629
60 X= 79.270 Y=-7.300 Z=0.681
61 X= 84.270 Y=-7.300 Z=0.733
62 X= 89.270 Y=-7.300 Z=0.785
63 X= 94.270 Y=-7.300 Z=0.837
64 X= 99.270 Y=-7.300 Z=0.889
65 X= 104.270 Y=-7.300 Z=0.942
66 X= 109.270 Y=-7.300 Z=0.994
67 X= 114.270 Y=-7.300 Z=1.046
68 X= 119.270 Y=-7.300 Z=1.098
69 X= 124.270 Y=-7.300 Z=1.150
70 X= 129.270 Y=-7.300 Z=1.202
71 X= 134.270 Y=-7.300 Z=1.254

72 X= 139.270 Y=-7.300 Z=1.307
73 X= 144.270 Y=-7.300 Z=1.359
74 X= 149.270 Y=-7.300 Z=1.411
75 X= 154.270 Y=-7.300 Z=1.463
76 X= 159.270 Y=-7.300 Z=1.515
77 X= 164.270 Y=-7.300 Z=1.567
78 X= 169.270 Y=-7.300 Z=1.619
79 X= 174.270 Y=-7.300 Z=1.672
80 X= 179.270 Y=-7.300 Z=1.724
81 X= 184.270 Y=-7.300 Z=1.776
82 X= 189.270 Y=-7.300 Z=1.828
83 X= 194.270 Y=-7.300 Z=1.880
84 X= 199.270 Y=-7.300 Z=1.932
85 X= 204.270 Y=-7.300 Z=1.985
86 X= 208.840 Y=-7.300 Z=2.032
87 X= -0.000 Y=-3.650 Z=-0.073
88 X= 4.270 Y=-3.650 Z=-0.028
89 X= 9.270 Y=-3.650 Z=0.024
90 X= 14.270 Y=-3.650 Z=0.076
91 X= 19.270 Y=-3.650 Z=0.128
92 X= 24.270 Y=-3.650 Z=0.180
93 X= 29.270 Y=-3.650 Z=0.232
94 X= 34.270 Y=-3.650 Z=0.284
95 X= 39.270 Y=-3.650 Z=0.337
96 X= 44.270 Y=-3.650 Z=0.389
97 X= 49.270 Y=-3.650 Z=0.441
98 X= 54.270 Y=-3.650 Z=0.493
99 X= 59.270 Y=-3.650 Z=0.545
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107 X= 99.270 Y=-3.650 Z=0.962
108 X= 104.270 Y=-3.650 Z=1.015
109 X= 109.270 Y=-3.650 Z=1.067
110 X= 114.270 Y=-3.650 Z=1.119
111 X= 119.270 Y=-3.650 Z=1.171
112 X= 124.270 Y=-3.650 Z=1.223
113 X= 129.270 Y=-3.650 Z=1.275
114 X= 134.270 Y=-3.650 Z=1.327
115 X= 139.270 Y=-3.650 Z=1.380
116 X= 144.270 Y=-3.650 Z=1.432
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118 X= 154.270 Y=-3.650 Z=1.536
119 X= 159.270 Y=-3.650 Z=1.588
120 X= 164.270 Y=-3.650 Z=1.640
121 X= 169.270 Y=-3.650 Z=1.692
122 X= 174.270 Y=-3.650 Z=1.745
123 X= 179.270 Y=-3.650 Z=1.797
124 X= 184.270 Y=-3.650 Z=1.849
125 X= 189.270 Y=-3.650 Z=1.901
126 X= 194.270 Y=-3.650 Z=1.953
127 X= 199.270 Y=-3.650 Z=2.005
128 X= 204.270 Y=-3.650 Z=2.058
129 X= 208.840 Y=-3.650 Z=2.105
130 X= 0.000 Y=0.000 Z=-0.800
131 X= 0.000 Y=0.832 Z=-0.800
132 X= 0.000 Y=-0.832 Z=-0.800
133 X= 49.270 Y=0.000 Z=-0.786
134 X= 49.270 Y=0.832 Z=-0.786
135 X= 49.270 Y=-0.832 Z=-0.786
136 X= 104.270 Y=0.000 Z=-0.212
137 X= 104.270 Y=0.832 Z=-0.212
138 X= 104.270 Y=-0.832 Z=-0.212
139 X= 159.270 Y=0.000 Z=0.361
140 X= 159.270 Y=0.832 Z=0.361
141 X= 159.270 Y=-0.832 Z=0.361
142 X= 208.840 Y=0.000 Z=1.378
143 X= 208.840 Y=0.832 Z=1.378
144 X= 208.840 Y=-0.832 Z=1.378
145 X= 0.000 Y=-7.300 Z=-0.946
146 X= 0.000 Y=-6.468 Z=-0.946
147 X= 0.000 Y=-8.132 Z=-0.946
148 X= 49.270 Y=-7.300 Z=-0.932
149 X= 49.270 Y=-6.468 Z=-0.932

150 X= 49.270 Y=-6.132 Z=-0.932
151 X= 104.270 Y=-7.300 Z=-0.358
152 X= 104.270 Y=-6.468 Z=-0.358
153 X= 104.270 Y=-6.132 Z=-0.358
154 X= 159.270 Y=-7.300 Z=0.215
155 X= 159.270 Y=-6.468 Z=0.215
156 X= 159.270 Y=-6.132 Z=0.215
157 X= 206.840 Y=-7.300 Z=1.232
158 X= 206.840 Y=-6.468 Z=1.232
159 X= 206.840 Y=-6.132 Z=1.232

LOCAL
ADD= 131 ANG=0.000
ADD= 132 ANG=0.000
ADD= 134 ANG=0.000
ADD= 135 ANG=0.000
ADD= 137 ANG=0.000
ADD= 138 ANG=0.000
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ADD= 146 ANG=-3.094
ADD= 147 ANG=-4.005
ADD= 149 ANG=-5.851
ADD= 150 ANG=-7.551
ADD= 152 ANG=0.000
ADD= 153 ANG=0.000
ADD= 155 ANG=-5.851
ADD= 156 ANG=-7.551
ADD= 158 ANG=-3.085
ADD= 159 ANG=-3.993

RESTRAINT
ADD= 131 DOF= U2, U3
ADD= 132 DOF= U2, U3
ADD= 134 DOF= U2, U3
ADD= 135 DOF= U2, U3
ADD= 137 DOF= U1, U2, U3
ADD= 138 DOF= U1, U2, U3
ADD= 140 DOF= U2, U3
ADD= 141 DOF= U2, U3
ADD= 143 DOF= U2, U3
ADD= 144 DOF= U2, U3
ADD= 146 DOF= U3
ADD= 147 DOF= U3
ADD= 149 DOF= U3
ADD= 150 DOF= U3
ADD= 152 DOF= U1, U3
ADD= 153 DOF= U1, U3
ADD= 155 DOF= U3
ADD= 156 DOF= U3
ADD= 158 DOF= U3
ADD= 159 DOF= U3

MATERIAL

Name=1
E=2.05e+008
Name=2
E=2.05e+008
Name=3
E=2.05e+008
Name=4
E=2.05e+008
Name=5
E=2.05e+008
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Name=9
E=2.05e+008
Name=10
E=2.05e+008
Name=11
E=2.05e+008

Name= 45 Type=Nonpr Sec= 9, 10
Name= 46 Type=Nonpr Sec= 10, 9
Name= 47 Type=Nonpr Sec= 10, 11
Name= 48 Type=Nonpr Sec= 11, 10
Name= 49 Type=Nonpr Sec= 12, 2
Name= 50 Type=Nonpr Sec= 13, 14
Name= 51 Type=Nonpr Sec= 14, 13
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Name= 53 Type=Nonpr Sec= 14, 16
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Name= 55 Type=Nonpr Sec= 15, 14
Name= 56 Type=Nonpr Sec= 15, 24
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Name= 61 Type=Nonpr Sec= 18, 17
Name= 62 Type=Nonpr Sec= 18, 19
Name= 63 Type=Nonpr Sec= 19, 18
Name= 64 Type=Nonpr Sec= 20, 17
Name= 65 Type=Nonpr Sec= 20, 21
Name= 66 Type=Nonpr Sec= 21, 16
Name= 67 Type=Nonpr Sec= 21, 22
Name= 68 Type=Nonpr Sec= 22, 21
Name= 69 Type=Nonpr Sec= 22, 23
Name= 70 Type=Nonpr Sec= 23, 22
Name= 71 Type=Nonpr Sec= 24, 14

FRAME

1 J= 1, 2 Sec=28 Local=12 Pdir=+Z,+X NSEG=4
2 J= 2, 3 Sec=2
3 J= 3, 4 Sec=30
4 J= 4, 5 Sec=3
5 J= 5, 6 Sec=71
6 J= 6, 7 Sec=33
7 J= 7, 8 Sec=31
8 J= 8, 9 Sec=36
9 J= 9, 10 Sec=38
10 J= 10, 11 Sec=40
11 J= 11, 12 Sec=41
12 J= 12, 13 Sec=39
13 J= 13, 14 Sec=37
14 J= 14, 15 Sec=35
15 J= 15, 16 Sec=2
16 J= 16, 17 Sec=2
17 J= 17, 18 Sec=2
18 J= 18, 19 Sec=32
19 J= 19, 20 Sec=43
20 J= 20, 21 Sec=45
21 J= 21, 22 Sec=47
22 J= 22, 23 Sec=48
23 J= 23, 24 Sec=46
24 J= 24, 25 Sec=44
25 J= 25, 26 Sec=35
26 J= 26, 27 Sec=2
27 J= 27, 28 Sec=2
28 J= 28, 29 Sec=2
29 J= 29, 30 Sec=32
30 J= 30, 31 Sec=42
31 J= 31, 32 Sec=38
32 J= 32, 33 Sec=40
33 J= 33, 34 Sec=41
34 J= 34, 35 Sec=39
35 J= 35, 36 Sec=37
36 J= 36, 37 Sec=35
37 J= 37, 38 Sec=30
38 J= 38, 39 Sec=3
39 J= 39, 40 Sec=3
40 J= 40, 41 Sec=34
41 J= 41, 42 Sec=49
42 J= 42, 43 Sec=29
43 J= 44, 45 Sec=50
44 J= 45, 46 Sec=14
45 J= 46, 47 Sec=52
46 J= 47, 48 Sec=15
47 J= 48, 49 Sec=15
48 J= 49, 50 Sec=55
49 J= 50, 51 Sec=53

Name=12

E=2.05e+008

Name=13

E=2.05e+008

Name=14

E=2.05e+008

Name=15

E=2.05e+008

Name=16

E=2.05e+008

Name=17

E=2.05e+008

Name=18

E=2.05e+008

Name=19

E=2.05e+008

Name=20

E=2.05e+008

Name=21

E=2.05e+008

Name=22

E=2.05e+008

Name=23

E=2.05e+008

Name=24

E=2.05e+008

Name=25

E=2.05e+008

Name=26

E=2.05e+008

Name=27

E=2.05e+008

FRAME SECTION

Name= 1 Mat= 1 A=0.33156 I=0.13539067, 0.77987880 J=0.11995713 : GIRDER
Name= 2 Mat= 2 A=0.33556 I=0.17043519, 0.78681220 J=0.14108490 : GIRDER
Name= 3 Mat= 3 A=0.36298 I=0.22358609, 0.80791717 J=0.15954301 : GIRDER
Name= 4 Mat= 4 A=0.35704 I=0.19556194, 0.80253346 J=0.14786578 : GIRDER
Name= 5 Mat= 5 A=0.39584 I=0.24855418, 0.83479680 J=0.16586118 : GIRDER
Name= 6 Mat= 6 A=0.41592 I=0.28981710, 0.85600201 J=0.20380958 : GIRDER
Name= 7 Mat= 7 A=0.43320 I=0.34841227, 0.88495134 J=0.30505178 : GIRDER
Name= 8 Mat= 8 A=0.35200 I=0.18487139, 0.79954921 J=0.14796578 : GIRDER
Name= 9 Mat= 9 A=0.37392 I=0.22241566, 0.81619655 J=0.15803023 : GIRDER
Name= 10 Mat= 10 A=0.40496 I=0.27506498, 0.84793890 J=0.19942405 : GIRDER
Name= 11 Mat= 11 A=0.42224 I=0.3247284, 0.87703898 J=0.25986921 : GIRDER
Name= 12 Mat= 12 A=0.35748 I=0.22295671, 0.80374477 J=0.15878456 : GIRDER
Name= 13 Mat= 13 A=0.33297 I=0.13557049, 0.79107401 J=0.11995713 : GIRDER
Name= 14 Mat= 14 A=0.33697 I=0.17066106, 0.79797019 J=0.14108490 : GIRDER
Name= 15 Mat= 15 A=0.36437 I=0.22392719, 0.81894363 J=0.15954301 : GIRDER
Name= 16 Mat= 16 A=0.35845 I=0.19583030, 0.81350674 J=0.14796578 : GIRDER
Name= 17 Mat= 17 A=0.39725 I=0.24892129, 0.84549015 J=0.16586118 : GIRDER
Name= 18 Mat= 18 A=0.41733 I=0.28925486, 0.86657213 J=0.20380958 : GIRDER
Name= 19 Mat= 19 A=0.43461 I=0.34923722, 0.8942504 J=0.30505178 : GIRDER
Name= 20 Mat= 20 A=0.35341 I=0.18511719, 0.81056368 J=0.14796578 : GIRDER
Name= 21 Mat= 21 A=0.37533 I=0.22273689, 0.82704047 J=0.15803023 : GIRDER
Name= 22 Mat= 22 A=0.40637 I=0.27547941, 0.85853468 J=0.19942405 : GIRDER
Name= 23 Mat= 23 A=0.42655 I=0.32425941, 0.88757287 J=0.25986921 : GIRDER
Name= 24 Mat= 24 A=0.35889 I=0.22334366, 0.81471451 J=0.15878456 : GIRDER
Name= 25 Mat= 25 A=0.01920 I=0.00284355, 0.00005414 J=0.00000092 : CROSSBEAM
Name= 26 Mat= 26 A=0.01920 I=0.00284355, 0.00005414 J=0.00000092 : STRINGER
Name= 27 Mat= 27 A=10.00000 I=10.0000000, 10.0000000 J=10.0000000 : SHOE
Name= 28 Type=Nonpr Sec= 1, 2 Elvar=2.1
Name= 29 Type=Nonpr Sec= 2, 1
Name= 30 Type=Nonpr Sec= 2, 3
Name= 31 Type=Nonpr Sec= 2, 4
Name= 32 Type=Nonpr Sec= 2, 8
Name= 33 Type=Nonpr Sec= 3, 2
Name= 34 Type=Nonpr Sec= 3, 12
Name= 35 Type=Nonpr Sec= 4, 2
Name= 36 Type=Nonpr Sec= 4, 5
Name= 37 Type=Nonpr Sec= 5, 4
Name= 38 Type=Nonpr Sec= 5, 6
Name= 39 Type=Nonpr Sec= 6, 5
Name= 40 Type=Nonpr Sec= 6, 7
Name= 41 Type=Nonpr Sec= 7, 6
Name= 42 Type=Nonpr Sec= 8, 9
Name= 43 Type=Nonpr Sec= 8, 9
Name= 44 Type=Nonpr Sec= 9, 4

50 J= 51, 52 Sec=58
51 J= 52, 53 Sec=61
52 J= 53, 54 Sec=62
53 J= 54, 55 Sec=63
54 J= 55, 56 Sec=61
55 J= 56, 57 Sec=59
56 J= 57, 58 Sec=57
57 J= 58, 59 Sec=14
58 J= 59, 60 Sec=14
59 J= 60, 61 Sec=14
60 J= 61, 62 Sec=54
61 J= 62, 63 Sec=65
62 J= 63, 64 Sec=67
63 J= 64, 65 Sec=69
64 J= 65, 66 Sec=70
65 J= 66, 67 Sec=68
66 J= 67, 68 Sec=66
67 J= 68, 69 Sec=57
68 J= 69, 70 Sec=14
69 J= 70, 71 Sec=14
70 J= 71, 72 Sec=14
71 J= 72, 73 Sec=54
72 J= 73, 74 Sec=64
73 J= 74, 75 Sec=60
74 J= 75, 76 Sec=62
75 J= 76, 77 Sec=63
76 J= 77, 78 Sec=61
77 J= 78, 79 Sec=59
78 J= 79, 80 Sec=57
79 J= 80, 81 Sec=52
80 J= 81, 82 Sec=15
81 J= 82, 83 Sec=15
82 J= 83, 84 Sec=56
83 J= 84, 85 Sec=71
84 J= 85, 86 Sec=51
85 J= 1, 87 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
86 J= 87, 44 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
87 J= 2, 88 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
88 J= 88, 45 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
89 J= 3, 89 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
90 J= 89, 46 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
91 J= 4, 90 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
92 J= 90, 47 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
93 J= 5, 91 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
94 J= 91, 48 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
95 J= 6, 92 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
96 J= 92, 49 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
97 J= 7, 93 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
98 J= 93, 50 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
99 J= 8, 94 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
100 J= 94, 51 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
101 J= 9, 95 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
102 J= 95, 52 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
103 J= 10, 96 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
104 J= 96, 53 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
105 J= 11, 97 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
106 J= 97, 54 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
107 J= 12, 98 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
108 J= 98, 55 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
109 J= 13, 99 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
110 J= 99, 56 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
111 J= 14, 100 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
112 J= 100, 57 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
113 J= 15, 101 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
114 J= 101, 58 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
115 J= 16, 102 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
116 J= 102, 59 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
117 J= 17, 103 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
118 J= 103, 60 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
119 J= 18, 104 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
120 J= 104, 61 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
121 J= 19, 105 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
122 J= 105, 62 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
123 J= 20, 106 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
124 J= 106, 63 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
125 J= 21, 107 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0
126 J= 107, 64 Sec=25 IOFF=0.000 JOFF=1.250 RIGID=1.0
127 J= 22, 108 Sec=25 IOFF=1.250 JOFF=0.000 RIGID=1.0

128 J=108, 65 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
129 J=23, 109 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
130 J=109, 66 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
131 J=24, 110 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
132 J=110, 67 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
133 J=25, 111 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
134 J=111, 68 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
135 J=26, 112 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
136 J=112, 69 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
137 J=27, 113 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
138 J=113, 70 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
139 J=28, 114 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
140 J=114, 71 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
141 J=29, 115 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
142 J=115, 72 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
143 J=30, 116 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
144 J=116, 73 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
145 J=31, 117 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
146 J=117, 74 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
147 J=32, 118 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
148 J=118, 75 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
149 J=33, 119 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
150 J=119, 76 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
151 J=34, 120 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
152 J=120, 77 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
153 J=35, 121 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
154 J=121, 78 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
155 J=36, 122 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
156 J=122, 79 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
157 J=37, 123 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
158 J=123, 80 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
159 J=38, 124 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
160 J=124, 81 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
161 J=39, 125 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
162 J=125, 82 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
163 J=40, 126 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
164 J=126, 83 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
165 J=41, 127 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
166 J=127, 84 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
167 J=42, 128 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
168 J=128, 85 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
169 J=43, 129 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
170 J=129, 86 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
171 J=87, 88 Sec=26
172 J=88, 89 Sec=26
173 J=89, 90 Sec=26
174 J=90, 91 Sec=26
175 J=91, 92 Sec=26
176 J=92, 93 Sec=26
177 J=93, 94 Sec=26
178 J=94, 95 Sec=26
179 J=95, 96 Sec=26
180 J=96, 97 Sec=26
181 J=97, 98 Sec=26
182 J=98, 99 Sec=26
183 J=99, 100 Sec=26
184 J=100, 101 Sec=26
185 J=101, 102 Sec=26
186 J=102, 103 Sec=26
187 J=103, 104 Sec=26
188 J=104, 105 Sec=26
189 J=105, 106 Sec=26
190 J=106, 107 Sec=26
191 J=107, 108 Sec=26
192 J=108, 109 Sec=26
193 J=109, 110 Sec=26
194 J=110, 111 Sec=26
195 J=111, 112 Sec=26
196 J=112, 113 Sec=26
197 J=113, 114 Sec=26
198 J=114, 115 Sec=26
199 J=115, 116 Sec=26
200 J=116, 117 Sec=26
201 J=117, 118 Sec=26
202 J=118, 119 Sec=26
203 J=119, 120 Sec=26
204 J=120, 121 Sec=26
205 J=121, 122 Sec=26

Path= 33, 42, 1, Ecc=-0.029
Name=L3G1S1
Path= 171, 180, 1, Ecc=0.000
Path= 181, 191, 1, Ecc=0.000
Path= 192, 202, 1, Ecc=0.000
Path= 203, 212, 1, Ecc=0.000
Name=L3G2
Path= 43, 52, 1, Ecc=0.704
Path= 53, 63, 1, Ecc=0.704
Path= 64, 74, 1, Ecc=0.704
Path= 75, 84, 1, Ecc=0.704
: Case = 4 ----- G2 Max DB 1선
Name=L4G1
Path= 1, 10, 1, Ecc=-1.715
Path= 11, 21, 1, Ecc=-1.715
Path= 22, 32, 1, Ecc=-1.715
Path= 33, 42, 1, Ecc=-1.715
Name=L4G1S1
Path= 171, 180, 1, Ecc=0.000
Path= 181, 191, 1, Ecc=0.000
Path= 192, 202, 1, Ecc=0.000
Path= 203, 212, 1, Ecc=0.000
Name=L4G2
Path= 43, 52, 1, Ecc=-0.302
Path= 53, 63, 1, Ecc=-0.302
Path= 64, 74, 1, Ecc=-0.302
Path= 75, 84, 1, Ecc=-0.302
: Case = 5 ----- G2 Max DB 2선
Name=L5G1
Path= 1, 10, 1, Ecc=-1.704
Path= 11, 21, 1, Ecc=-1.704
Path= 22, 32, 1, Ecc=-1.704
Path= 33, 42, 1, Ecc=-1.704
Name=L5G1S1
Path= 171, 180, 1, Ecc=0.000
Path= 181, 191, 1, Ecc=0.000
Path= 192, 202, 1, Ecc=0.000
Path= 203, 212, 1, Ecc=0.000
Name=L5G2
Path= 43, 52, 1, Ecc=0.072
Path= 53, 63, 1, Ecc=0.072
Path= 64, 74, 1, Ecc=0.072
Path= 75, 84, 1, Ecc=0.072
: Case = 6 ----- G2 Max DB 3선
Name=L6G1
Path= 1, 10, 1, Ecc=-0.668
Path= 11, 21, 1, Ecc=-0.668
Path= 22, 32, 1, Ecc=-0.668
Path= 33, 42, 1, Ecc=-0.668
Name=L6G1S1
Path= 171, 180, 1, Ecc=0.000
Path= 181, 191, 1, Ecc=0.000
Path= 192, 202, 1, Ecc=0.000
Path= 203, 212, 1, Ecc=0.000
Name=L6G2
Path= 43, 52, 1, Ecc=0.078
Path= 53, 63, 1, Ecc=0.078
Path= 64, 74, 1, Ecc=0.078
Path= 75, 84, 1, Ecc=0.078
: Case = 7 ----- G1 Max DL 1선
Name=L7G1
Path= 1, 10, 1, Ecc=0.385
Path= 11, 21, 1, Ecc=0.385
Path= 22, 32, 1, Ecc=0.385
Path= 33, 42, 1, Ecc=0.385
Name=L7G1S1
Path= 171, 180, 1, Ecc=0.000
Path= 181, 191, 1, Ecc=0.000
Path= 192, 202, 1, Ecc=0.000
Path= 203, 212, 1, Ecc=0.000
Name=L7G2
Path= 43, 52, 1, Ecc=1.715
Path= 53, 63, 1, Ecc=1.715
Path= 64, 74, 1, Ecc=1.715

206 J=122, 123 Sec=26
207 J=123, 124 Sec=26
208 J=124, 125 Sec=26
209 J=125, 126 Sec=26
210 J=126, 127 Sec=26
211 J=127, 128 Sec=26
212 J=128, 129 Sec=26
213 J= 1, 130 Sec=27
214 J=131, 130 Sec=27
215 J=132, 130 Sec=27
216 J= 11, 133 Sec=27
217 J=134, 133 Sec=27
218 J=135, 133 Sec=27
219 J= 22, 136 Sec=27
220 J=137, 136 Sec=27
221 J=138, 136 Sec=27
222 J= 33, 139 Sec=27
223 J=140, 139 Sec=27
224 J=141, 139 Sec=27
225 J= 43, 142 Sec=27
226 J=143, 142 Sec=27
227 J=144, 142 Sec=27
228 J= 44, 145 Sec=27
229 J=146, 145 Sec=27
230 J=147, 145 Sec=27
231 J= 54, 148 Sec=27
232 J=149, 148 Sec=27
233 J=150, 148 Sec=27
234 J= 65, 151 Sec=27
235 J=152, 151 Sec=27
236 J=153, 151 Sec=27
237 J= 76, 154 Sec=27
238 J=155, 154 Sec=27
239 J=156, 154 Sec=27
240 J= 86, 157 Sec=27
241 J=158, 157 Sec=27
242 J=159, 157 Sec=27
LANE
: Case = 1 ----- G1 Max DB 1선
Name=L1G1
Path= 1, 10, 1, Ecc=0.392
Path= 11, 21, 1, Ecc=0.392
Path= 22, 32, 1, Ecc=0.392
Path= 33, 42, 1, Ecc=0.392
Name=L1G1S1
Path= 171, 180, 1, Ecc=0.000
Path= 181, 191, 1, Ecc=0.000
Path= 192, 202, 1, Ecc=0.000
Path= 203, 212, 1, Ecc=0.000
Name=L1G2
Path= 43, 52, 1, Ecc=1.715
Path= 53, 63, 1, Ecc=1.715
Path= 64, 74, 1, Ecc=1.715
Path= 75, 84, 1, Ecc=1.715
: Case = 2 ----- G1 Max DB 2선
Name=L2G1
Path= 1, 10, 1, Ecc=-0.027
Path= 11, 21, 1, Ecc=-0.027
Path= 22, 32, 1, Ecc=-0.027
Path= 33, 42, 1, Ecc=-0.027
Name=L2G1S1
Path= 171, 180, 1, Ecc=0.000
Path= 181, 191, 1, Ecc=0.000
Path= 192, 202, 1, Ecc=0.000
Path= 203, 212, 1, Ecc=0.000
Name=L2G2
Path= 43, 52, 1, Ecc=1.715
Path= 53, 63, 1, Ecc=1.715
Path= 64, 74, 1, Ecc=1.715
Path= 75, 84, 1, Ecc=1.715
: Case = 3 ----- G1 Max DB 3선
Name=L3G1
Path= 1, 10, 1, Ecc=-0.029
Path= 11, 21, 1, Ecc=-0.029
Path= 22, 32, 1, Ecc=-0.029

Path= 75, 84, 1, Ecc=1.715
: Case = 8 ----- G1 Max DB 2선
Name=L8G1
Path= 1, 10, 1, Ecc=-0.023
Path= 11, 21, 1, Ecc=-0.023
Path= 22, 32, 1, Ecc=-0.023
Path= 33, 42, 1, Ecc=-0.023
Name=L8G1S1
Path= 171, 180, 1, Ecc=0.000
Path= 181, 191, 1, Ecc=0.000
Path= 192, 202, 1, Ecc=0.000
Path= 203, 212, 1, Ecc=0.000
Name=L8G2
Path= 43, 52, 1, Ecc=1.503
Path= 53, 63, 1, Ecc=1.503
Path= 64, 74, 1, Ecc=1.503
Path= 75, 84, 1, Ecc=1.503
: Case = 9 ----- G1 Max DL 3선
Name=L9G1
Path= 1, 10, 1, Ecc=-0.030
Path= 11, 21, 1, Ecc=-0.030
Path= 22, 32, 1, Ecc=-0.030
Path= 33, 42, 1, Ecc=-0.030
Name=L9G1S1
Path= 171, 180, 1, Ecc=0.000
Path= 181, 191, 1, Ecc=0.000
Path= 192, 202, 1, Ecc=0.000
Path= 203, 212, 1, Ecc=0.000
Name=L9G2
Path= 43, 52, 1, Ecc=0.718
Path= 53, 63, 1, Ecc=0.718
Path= 64, 74, 1, Ecc=0.718
Path= 75, 84, 1, Ecc=0.718
: Case = 10 ----- G2 Max DL 1선
Name=L10G1
Path= 1, 10, 1, Ecc=-1.715
Path= 11, 21, 1, Ecc=-1.715
Path= 22, 32, 1, Ecc=-1.715
Path= 33, 42, 1, Ecc=-1.715
Name=L10G1S1
Path= 171, 180, 1, Ecc=0.000
Path= 181, 191, 1, Ecc=0.000
Path= 192, 202, 1, Ecc=0.000
Path= 203, 212, 1, Ecc=0.000
Name=L10G2
Path= 43, 52, 1, Ecc=-0.294
Path= 53, 63, 1, Ecc=-0.294
Path= 64, 74, 1, Ecc=-0.294
Path= 75, 84, 1, Ecc=-0.294
: Case = 11 ----- G2 Max DL 2선
Name=L11G1
Path= 1, 10, 1, Ecc=-1.603
Path= 11, 21, 1, Ecc=-1.603
Path= 22, 32, 1, Ecc=-1.603
Path= 33, 42, 1, Ecc=-1.603
Name=L11G1S1
Path= 171, 180, 1, Ecc=0.000
Path= 181, 191, 1, Ecc=0.000
Path= 192, 202, 1, Ecc=0.000
Path= 203, 212, 1, Ecc=0.000
Name=L11G2
Path= 43, 52, 1, Ecc=0.067
Path= 53, 63, 1, Ecc=0.067
Path= 64, 74, 1, Ecc=0.067
Path= 75, 84, 1, Ecc=0.067
: Case = 12 ----- G2 Max DL 3선
Name=L12G1
Path= 1, 10, 1, Ecc=-0.678
Path= 11, 21, 1, Ecc=-0.678
Path= 22, 32, 1, Ecc=-0.678
Path= 33, 42, 1, Ecc=-0.678
Name=L12G1S1
Path= 171, 180, 1, Ecc=0.000

Path= 181, 191, 1, Ecc=0.000
Path= 192, 202, 1, Ecc=0.000
Path= 203, 212, 1, Ecc=0.000
Name=L12G2
Path= 43, 52, 1, Ecc=0.077
Path= 53, 63, 1, Ecc=0.077
Path= 64, 74, 1, Ecc=0.077
Path= 75, 84, 1, Ecc=0.077

VEHICLES
Name=1 TYPE=Gen : DB-24
P=24,000
D=4,200 P=36,000
D=4,200 9,000 P=96,000

Name=2 TYPE=Gen : DL-24
W=4,233 PM=36,000 PMM=52,000

Vehicle Class
Name=1
Vehi=1
Name=2
Vehi=2

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

MOVING LOAD
Name= 1 Rf=1,000 : G1 Max DB 1선
Lane= L1G1 Class=1 Lmin= 1 Lmax= 1 Sf=2.103
Lane= L1G2 Class=1 Lmin= 1 Lmax= 1 Sf=0.026

Name= 2 Rf=1,000 : G1 Max DB 2선
Lane= L2G1 Class=1 Lmin= 1 Lmax= 1 Sf=2.695
Lane= L2G1S1 Class=1 Lmin= 1 Lmax= 1 Sf=1.272
Lane= L2G2 Class=1 Lmin= 1 Lmax= 1 Sf=0.033

Name= 3 Rf=0.900 : G1 Max DB 3선
Lane= L3G1 Class=1 Lmin= 1 Lmax= 1 Sf=2.698
Lane= L3G1S1 Class=1 Lmin= 1 Lmax= 1 Sf=1.259
Lane= L3G2 Class=1 Lmin= 1 Lmax= 1 Sf=2.043

Name= 4 Rf=1,000 : G2 Max DB 1선
Lane= L4G1 Class=1 Lmin= 1 Lmax= 1 Sf=0.029
Lane= L4G2 Class=1 Lmin= 1 Lmax= 1 Sf=2.112

Name= 5 Rf=1,000 : G2 Max DB 2선
Lane= L5G1 Class=1 Lmin= 1 Lmax= 1 Sf=0.058
Lane= L5G1S1 Class=1 Lmin= 1 Lmax= 1 Sf=1.289
Lane= L5G2 Class=1 Lmin= 1 Lmax= 1 Sf=2.653

Name= 6 Rf=0.900 : G2 Max DB 3선
Lane= L6G1 Class=1 Lmin= 1 Lmax= 1 Sf=2.092
Lane= L6G1S1 Class=1 Lmin= 1 Lmax= 1 Sf=1.246
Lane= L6G2 Class=1 Lmin= 1 Lmax= 1 Sf=2.662

Name= 7 Rf=1,000 : G1 Max DL 1선
Lane= L7G1 Class=2 Lmin= 1 Lmax= 1 Sf=3.161
Lane= L7G2 Class=2 Lmin= 1 Lmax= 1 Sf=0.041

Name= 8 Rf=1,000 : G1 Max DL 2선
Lane= L8G1 Class=2 Lmin= 1 Lmax= 1 Sf=4.023
Lane= L8G1S1 Class=2 Lmin= 1 Lmax= 1 Sf=1.958
Lane= L8G2 Class=2 Lmin= 1 Lmax= 1 Sf=0.019

Name= 9 Rf=0.900 : G1 Max DL 3선
Lane= L9G1 Class=2 Lmin= 1 Lmax= 1 Sf=4.038
Lane= L9G1S1 Class=2 Lmin= 1 Lmax= 1 Sf=1.893
Lane= L9G2 Class=2 Lmin= 1 Lmax= 1 Sf=3.068

Name= 10 Rf=1,000 : G2 Max DL 1선
Lane= L10G1 Class=2 Lmin= 1 Lmax= 1 Sf=0.045

Lane= L10G2 Class=2 Lmin= 1 Lmax= 1 Sf=3.175

Name= 11 Rf=1,000 : G2 Max DL 2선
Lane= L11G1 Class=2 Lmin= 1 Lmax= 1 Sf=0.053
Lane= L11G1S1 Class=2 Lmin= 1 Lmax= 1 Sf=1.990
Lane= L11G2 Class=2 Lmin= 1 Lmax= 1 Sf=3.957

Name= 12 Rf=0.900 : G2 Max DL 3선
Lane= L12G1 Class=2 Lmin= 1 Lmax= 1 Sf=3.135
Lane= L12G1S1 Class=2 Lmin= 1 Lmax= 1 Sf=1.884
Lane= L12G2 Class=2 Lmin= 1 Lmax= 1 Sf=3.980

COMBO
Name=G1XDB1 Type=ENVE : G1 Max DB 1선
MOVE=1 sf=1.168

Name=G1XDB2 Type=ENVE : G1 Max DB 2선
MOVE=2 sf=1.168

Name=G1XDB3 Type=ENVE : G1 Max DB 3선
MOVE=3 sf=1.168

Name=G2XDB1 Type=ENVE : G2 Max DB 1선
MOVE=4 sf=1.168

Name=G2XDB2 Type=ENVE : G2 Max DB 2선
MOVE=5 sf=1.168

Name=G2XDB3 Type=ENVE : G2 Max DB 3선
MOVE=6 sf=1.168

Name=G1XDL1 Type=ENVE : G1 Max DL 1선
MOVE=7 sf=1.168

Name=G1XDL2 Type=ENVE : G1 Max DL 2선
MOVE=8 sf=1.168

Name=G1XDL3 Type=ENVE : G1 Max DL 3선
MOVE=9 sf=1.168

Name=G2XDL1 Type=ENVE : G2 Max DL 1선
MOVE=10 sf=1.168

Name=G2XDL2 Type=ENVE : G2 Max DL 2선
MOVE=11 sf=1.168

Name=G2XDL3 Type=ENVE : G2 Max DL 3선
MOVE=12 sf=1.168

Name=DB Type=ENVE :
COMB=G1XDB1 sf=1,000
COMB=G1XDB2 sf=1,000
COMB=G1XDB3 sf=1,000
COMB=G2XDB1 sf=1,000
COMB=G2XDB2 sf=1,000
COMB=G2XDB3 sf=1,000

Name=DL Type=ENVE :
COMB=G1XDL1 sf=1,000
COMB=G1XDL2 sf=1,000
COMB=G1XDL3 sf=1,000
COMB=G2XDL1 sf=1,000
COMB=G2XDL2 sf=1,000
COMB=G2XDL3 sf=1,000

Name=CAR Type=ENVE :
COMB=DB sf=1,000
COMB=DL sf=1,000

Name=DESIGN Type=ENVE :
COMB=CAR sf=1,000

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

4) 부등침하 < UNEQUAL SETTLEMENT >

SYSTEM
LENGTH=MM FORCE=KN

JOINT
1 X= 0.000 Y=0.000 Z=0.000
2 X= 4.270 Y=0.000 Z=0.045
3 X= 9.270 Y=0.000 Z=0.057
4 X= 14.270 Y=0.000 Z=0.149
5 X= 19.270 Y=0.000 Z=0.201
6 X= 24.270 Y=0.000 Z=0.253
7 X= 29.270 Y=0.000 Z=0.305
8 X= 34.270 Y=0.000 Z=0.357
9 X= 39.270 Y=0.000 Z=0.410
10 X= 44.270 Y=0.000 Z=0.462
11 X= 49.270 Y=0.000 Z=0.514
12 X= 54.270 Y=0.000 Z=0.566
13 X= 59.270 Y=0.000 Z=0.618
14 X= 64.270 Y=0.000 Z=0.670
15 X= 69.270 Y=0.000 Z=0.722
16 X= 74.270 Y=0.000 Z=0.775
17 X= 79.270 Y=0.000 Z=0.827
18 X= 84.270 Y=0.000 Z=0.879
19 X= 89.270 Y=0.000 Z=0.931
20 X= 94.270 Y=0.000 Z=0.983
21 X= 99.270 Y=0.000 Z=1.035
22 X= 104.270 Y=0.000 Z=1.088
23 X= 109.270 Y=0.000 Z=1.140
24 X= 114.270 Y=0.000 Z=1.192
25 X= 119.270 Y=0.000 Z=1.244
26 X= 124.270 Y=0.000 Z=1.296
27 X= 129.270 Y=0.000 Z=1.348
28 X= 134.270 Y=0.000 Z=1.400
29 X= 139.270 Y=0.000 Z=1.453
30 X= 144.270 Y=0.000 Z=1.505
31 X= 149.270 Y=0.000 Z=1.557
32 X= 154.270 Y=0.000 Z=1.609
33 X= 159.270 Y=0.000 Z=1.661
34 X= 164.270 Y=0.000 Z=1.713
35 X= 169.270 Y=0.000 Z=1.765
36 X= 174.270 Y=0.000 Z=1.818
37 X= 179.270 Y=0.000 Z=1.870
38 X= 184.270 Y=0.000 Z=1.922
39 X= 189.270 Y=0.000 Z=1.974
40 X= 194.270 Y=0.000 Z=2.026
41 X= 199.270 Y=0.000 Z=2.078
42 X= 204.270 Y=0.000 Z=2.131
43 X= 208.840 Y=0.000 Z=2.178
44 X= 0.000 Y=-7.300 Z=-0.146
45 X= 4.270 Y=-7.300 Z=-0.101
46 X= 9.270 Y=-7.300 Z=-0.049
47 X= 14.270 Y=-7.300 Z=0.003
48 X= 19.270 Y=-7.300 Z=0.055
49 X= 24.270 Y=-7.300 Z=0.107
50 X= 29.270 Y=-7.300 Z=0.159
51 X= 34.270 Y=-7.300 Z=0.211
52 X= 39.270 Y=-7.300 Z=0.264
53 X= 44.270 Y=-7.300 Z=0.316
54 X= 49.270 Y=-7.300 Z=0.368
55 X= 54.270 Y=-7.300 Z=0.420
56 X= 59.270 Y=-7.300 Z=0.472
57 X= 64.270 Y=-7.300 Z=0.524
58 X= 69.270 Y=-7.300 Z=0.576
59 X= 74.270 Y=-7.300 Z=0.629
60 X= 79.270 Y=-7.300 Z=0.681
61 X= 84.270 Y=-7.300 Z=0.733
62 X= 89.270 Y=-7.300 Z=0.785
63 X= 94.270 Y=-7.300 Z=0.837
64 X= 99.270 Y=-7.300 Z=0.889
65 X= 104.270 Y=-7.300 Z=0.942
66 X= 109.270 Y=-7.300 Z=0.994
67 X= 114.270 Y=-7.300 Z=1.046
68 X= 119.270 Y=-7.300 Z=1.098
69 X= 124.270 Y=-7.300 Z=1.150
70 X= 129.270 Y=-7.300 Z=1.202
71 X= 134.270 Y=-7.300 Z=1.254

72 X= 139.270 Y=-7.300 Z=1.307
73 X= 144.270 Y=-7.300 Z=1.359
74 X= 149.270 Y=-7.300 Z=1.411
75 X= 154.270 Y=-7.300 Z=1.463
76 X= 159.270 Y=-7.300 Z=1.515
77 X= 164.270 Y=-7.300 Z=1.567
78 X= 169.270 Y=-7.300 Z=1.619
79 X= 174.270 Y=-7.300 Z=1.672
80 X= 179.270 Y=-7.300 Z=1.724
81 X= 184.270 Y=-7.300 Z=1.776
82 X= 189.270 Y=-7.300 Z=1.828
83 X= 194.270 Y=-7.300 Z=1.880
84 X= 199.270 Y=-7.300 Z=1.932
85 X= 204.270 Y=-7.300 Z=1.985
86 X= 208.840 Y=-7.300 Z=2.032
87 X= -0.000 Y=-3.650 Z=-0.073
88 X= 4.270 Y=-3.650 Z=-0.028
89 X= 9.270 Y=-3.650 Z=0.024
90 X= 14.270 Y=-3.650 Z=0.076
91 X= 19.270 Y=-3.650 Z=0.128
92 X= 24.270 Y=-3.650 Z=0.180
93 X= 29.270 Y=-3.650 Z=0.232
94 X= 34.270 Y=-3.650 Z=0.284
95 X= 39.270 Y=-3.650 Z=0.337
96 X= 44.270 Y=-3.650 Z=0.389
97 X= 49.270 Y=-3.650 Z=0.441
98 X= 54.270 Y=-3.650 Z=0.493
99 X= 59.270 Y=-3.650 Z=0.545
100 X= 64.270 Y=-3.650 Z=0.597
101 X= 69.270 Y=-3.650 Z=0.649
102 X= 74.270 Y=-3.650 Z=0.702
103 X= 79.270 Y=-3.650 Z=0.754
104 X= 84.270 Y=-3.650 Z=0.806
105 X= 89.270 Y=-3.650 Z=0.858
106 X= 94.270 Y=-3.650 Z=0.910
107 X= 99.270 Y=-3.650 Z=0.962
108 X= 104.270 Y=-3.650 Z=1.015
109 X= 109.270 Y=-3.650 Z=1.067
110 X= 114.270 Y=-3.650 Z=1.119
111 X= 119.270 Y=-3.650 Z=1.171
112 X= 124.270 Y=-3.650 Z=1.223
113 X= 129.270 Y=-3.650 Z=1.275
114 X= 134.270 Y=-3.650 Z=1.327
115 X= 139.270 Y=-3.650 Z=1.380
116 X= 144.270 Y=-3.650 Z=1.432
117 X= 149.270 Y=-3.650 Z=1.484
118 X= 154.270 Y=-3.650 Z=1.536
119 X= 159.270 Y=-3.650 Z=1.588
120 X= 164.270 Y=-3.650 Z=1.640
121 X= 169.270 Y=-3.650 Z=1.692
122 X= 174.270 Y=-3.650 Z=1.745
123 X= 179.270 Y=-3.650 Z=1.797
124 X= 184.270 Y=-3.650 Z=1.849
125 X= 189.270 Y=-3.650 Z=1.901
126 X= 194.270 Y=-3.650 Z=1.953
127 X= 199.270 Y=-3.650 Z=2.005
128 X= 204.270 Y=-3.650 Z=2.058
129 X= 208.840 Y=-3.650 Z=2.105
130 X= 0.000 Y=0.000 Z=-0.800
131 X= 0.000 Y=0.832 Z=-0.800
132 X= 0.000 Y=-0.832 Z=-0.800
133 X= 49.270 Y=0.000 Z=-0.786
134 X= 49.270 Y=0.832 Z=-0.786
135 X= 49.270 Y=-0.832 Z=-0.786
136 X= 104.270 Y=0.000 Z=-0.212
137 X= 104.270 Y=0.832 Z=-0.212
138 X= 104.270 Y=-0.832 Z=-0.212
139 X= 159.270 Y=0.000 Z=0.361
140 X= 159.270 Y=0.832 Z=0.361
141 X= 159.270 Y=-0.832 Z=0.361
142 X= 208.840 Y=0.000 Z=1.378
143 X= 208.840 Y=0.832 Z=1.378
144 X= 208.840 Y=-0.832 Z=1.378
145 X= 0.000 Y=-7.300 Z=-0.946
146 X= 0.000 Y=-6.468 Z=-0.946
147 X= 0.000 Y=-8.132 Z=-0.946
148 X= 49.270 Y=-7.300 Z=-0.932
149 X= 49.270 Y=-6.468 Z=-0.932

150 X= 49.270 Y=-8.132 Z=-0.932
151 X= 104.270 Y=-7.300 Z=-0.358
152 X= 104.270 Y=-6.468 Z=-0.358
153 X= 104.270 Y=-6.132 Z=-0.358
154 X= 159.270 Y=-7.300 Z=0.215
155 X= 159.270 Y=-6.468 Z=0.215
156 X= 159.270 Y=-6.132 Z=0.215
157 X= 208.840 Y=-7.300 Z=1.232
158 X= 208.840 Y=-6.468 Z=1.232
159 X= 208.840 Y=-6.132 Z=1.232

LOCAL
ADD= 131 ANG=0.000
ADD= 132 ANG=0.000
ADD= 134 ANG=0.000
ADD= 135 ANG=0.000
ADD= 137 ANG=0.000
ADD= 138 ANG=0.000
ADD= 140 ANG=0.000
ADD= 141 ANG=0.000
ADD= 143 ANG=0.000
ADD= 144 ANG=0.000
ADD= 146 ANG=-3.094
ADD= 147 ANG=-4.005
ADD= 149 ANG=-5.851
ADD= 150 ANG=-7.551
ADD= 152 ANG=0.000
ADD= 153 ANG=0.000
ADD= 155 ANG=-5.851
ADD= 156 ANG=-7.551
ADD= 158 ANG=-3.085
ADD= 159 ANG=-3.993

RESTRAINT
ADD= 131 DOF= U2, U3
ADD= 132 DOF= U2, U3
ADD= 134 DOF= U2, U3
ADD= 135 DOF= U2, U3
ADD= 137 DOF= U1, U2, U3
ADD= 138 DOF= U1, U2, U3
ADD= 140 DOF= U2, U3
ADD= 141 DOF= U2, U3
ADD= 143 DOF= U2, U3
ADD= 144 DOF= U2, U3
ADD= 146 DOF= U3
ADD= 147 DOF= U3
ADD= 149 DOF= U3
ADD= 150 DOF= U3
ADD= 152 DOF= U1, U3
ADD= 153 DOF= U1, U3
ADD= 155 DOF= U3
ADD= 156 DOF= U3
ADD= 158 DOF= U3
ADD= 159 DOF= U3

MATERIAL

Name=1
E=2.05e+008
Name=2
E=2.05e+008
Name=3
E=2.05e+008
Name=4
E=2.05e+008
Name=5
E=2.05e+008
Name=6
E=2.05e+008
Name=7
E=2.05e+008
Name=8
E=2.05e+008
Name=9
E=2.05e+008
Name=10
E=2.05e+008
Name=11
E=2.05e+008

Name= 45 Type=Nonpr Sec= 9, 10
Name= 46 Type=Nonpr Sec= 10, 9
Name= 47 Type=Nonpr Sec= 10, 11
Name= 48 Type=Nonpr Sec= 11, 10
Name= 49 Type=Nonpr Sec= 12, 2
Name= 50 Type=Nonpr Sec= 13, 14
Name= 51 Type=Nonpr Sec= 14, 13
Name= 52 Type=Nonpr Sec= 14, 15
Name= 53 Type=Nonpr Sec= 14, 16
Name= 54 Type=Nonpr Sec= 14, 20
Name= 55 Type=Nonpr Sec= 15, 14
Name= 56 Type=Nonpr Sec= 15, 24
Name= 57 Type=Nonpr Sec= 16, 14
Name= 58 Type=Nonpr Sec= 16, 17
Name= 59 Type=Nonpr Sec= 17, 16
Name= 60 Type=Nonpr Sec= 17, 18
Name= 61 Type=Nonpr Sec= 18, 17
Name= 62 Type=Nonpr Sec= 18, 19
Name= 63 Type=Nonpr Sec= 19, 18
Name= 64 Type=Nonpr Sec= 20, 17
Name= 65 Type=Nonpr Sec= 20, 21
Name= 66 Type=Nonpr Sec= 21, 16
Name= 67 Type=Nonpr Sec= 21, 22
Name= 68 Type=Nonpr Sec= 22, 21
Name= 69 Type=Nonpr Sec= 22, 23
Name= 70 Type=Nonpr Sec= 23, 22
Name= 71 Type=Nonpr Sec= 24, 14

FRAME

1 J= 1, 2 Sec=28 Local=12 Rdir=+Z,+X NSEG=4
2 J= 2, 3 Sec=2
3 J= 3, 4 Sec=30
4 J= 4, 5 Sec=3
5 J= 5, 6 Sec=71
6 J= 6, 7 Sec=33
7 J= 7, 8 Sec=31
8 J= 8, 9 Sec=36
9 J= 9, 10 Sec=38
10 J= 10, 11 Sec=40
11 J= 11, 12 Sec=41
12 J= 12, 13 Sec=39
13 J= 13, 14 Sec=37
14 J= 14, 15 Sec=35
15 J= 15, 16 Sec=2
16 J= 16, 17 Sec=2
17 J= 17, 18 Sec=2
18 J= 18, 19 Sec=32
19 J= 19, 20 Sec=43
20 J= 20, 21 Sec=45
21 J= 21, 22 Sec=47
22 J= 22, 23 Sec=48
23 J= 23, 24 Sec=46
24 J= 24, 25 Sec=44
25 J= 25, 26 Sec=35
26 J= 26, 27 Sec=2
27 J= 27, 28 Sec=2
28 J= 28, 29 Sec=2
29 J= 29, 30 Sec=32
30 J= 30, 31 Sec=42
31 J= 31, 32 Sec=38
32 J= 32, 33 Sec=40
33 J= 33, 34 Sec=41
34 J= 34, 35 Sec=39
35 J= 35, 36 Sec=37
36 J= 36, 37 Sec=35
37 J= 37, 38 Sec=30
38 J= 38, 39 Sec=3
39 J= 39, 40 Sec=3
40 J= 40, 41 Sec=34
41 J= 41, 42 Sec=49
42 J= 42, 43 Sec=29
43 J= 44, 45 Sec=50
44 J= 45, 46 Sec=14
45 J= 46, 47 Sec=52
46 J= 47, 48 Sec=15
47 J= 48, 49 Sec=15
48 J= 49, 50 Sec=52
49 J= 50, 51 Sec=53

Name=12

E=2.05e+008

Name=13

E=2.05e+008

Name=14

E=2.05e+008

Name=15

E=2.05e+008

Name=16

E=2.05e+008

Name=17

E=2.05e+008

Name=18

E=2.05e+008

Name=19

E=2.05e+008

Name=20

E=2.05e+008

Name=21

E=2.05e+008

Name=22

E=2.05e+008

Name=23

E=2.05e+008

Name=24

E=2.05e+008

Name=25

E=2.05e+008

Name=26

E=2.05e+008

Name=27

E=2.05e+008

FRAME SECTION

Name= 1 Mat= 1 A=0.33156 I=0.13539067, 0.77987880 J=0.11995713 : GIRDER
Name= 2 Mat= 2 A=0.33556 I=0.17043519, 0.78681220 J=0.14108490 : GIRDER
Name= 3 Mat= 3 A=0.36298 I=0.22358609, 0.80791717 J=0.15954301 : GIRDER
Name= 4 Mat= 4 A=0.35704 I=0.19556184, 0.80253346 J=0.14786578 : GIRDER
Name= 5 Mat= 5 A=0.39584 I=0.24855418, 0.83479680 J=0.16586118 : GIRDER
Name= 6 Mat= 6 A=0.41592 I=0.28881710, 0.85600201 J=0.20380958 : GIRDER
Name= 7 Mat= 7 A=0.43320 I=0.34841227, 0.88495134 J=0.30505178 : GIRDER
Name= 8 Mat= 8 A=0.35200 I=0.18487139, 0.79954921 J=0.14796578 : GIRDER
Name= 9 Mat= 9 A=0.37392 I=0.22241566, 0.81619655 J=0.15803023 : GIRDER
Name= 10 Mat= 10 A=0.40496 I=0.27506498, 0.84793890 J=0.19942405 : GIRDER
Name= 11 Mat= 11 A=0.42224 I=0.3247284, 0.87703898 J=0.25986921 : GIRDER
Name= 12 Mat= 12 A=0.35748 I=0.22295671, 0.80374477 J=0.15878456 : GIRDER
Name= 13 Mat= 13 A=0.33297 I=0.13557049, 0.79107401 J=0.11995713 : GIRDER
Name= 14 Mat= 14 A=0.33697 I=0.17066106, 0.79797019 J=0.14108490 : GIRDER
Name= 15 Mat= 15 A=0.36437 I=0.22392719, 0.81894363 J=0.15954301 : GIRDER
Name= 16 Mat= 16 A=0.35845 I=0.19583030, 0.81350674 J=0.14796578 : GIRDER
Name= 17 Mat= 17 A=0.39725 I=0.24892129, 0.84549015 J=0.16586118 : GIRDER
Name= 18 Mat= 18 A=0.41733 I=0.28925486, 0.86657213 J=0.20380958 : GIRDER
Name= 19 Mat= 19 A=0.43461 I=0.34923722, 0.8942504 J=0.30505178 : GIRDER
Name= 20 Mat= 20 A=0.35341 I=0.18511719, 0.81056368 J=0.14796578 : GIRDER
Name= 21 Mat= 21 A=0.37533 I=0.22273689, 0.82704047 J=0.15803023 : GIRDER
Name= 22 Mat= 22 A=0.40637 I=0.27547941, 0.85853468 J=0.19942405 : GIRDER
Name= 23 Mat= 23 A=0.42655 I=0.32425941, 0.88757287 J=0.25986921 : GIRDER
Name= 24 Mat= 24 A=0.35889 I=0.22334366, 0.81471451 J=0.15878456 : GIRDER
Name= 25 Mat= 25 A=0.01920 I=0.00284355, 0.00005414 J=0.00000092 : CROSSBEAM
Name= 26 Mat= 26 A=0.01920 I=0.00284355, 0.00005414 J=0.00000092 : STRINGER
Name= 27 Mat= 27 A=10.00000 I=10.0000000, 10.0000000 J=10.0000000 : SHCE
Name= 28 Type=Nonpr Sec= 1, 2 Elvar=2.1
Name= 29 Type=Nonpr Sec= 2, 1
Name= 30 Type=Nonpr Sec= 2, 3
Name= 31 Type=Nonpr Sec= 2, 4
Name= 32 Type=Nonpr Sec= 2, 8
Name= 33 Type=Nonpr Sec= 3, 2
Name= 34 Type=Nonpr Sec= 3, 12
Name= 35 Type=Nonpr Sec= 4, 2
Name= 36 Type=Nonpr Sec= 4, 5
Name= 37 Type=Nonpr Sec= 5, 4
Name= 38 Type=Nonpr Sec= 5, 6
Name= 39 Type=Nonpr Sec= 6, 5
Name= 40 Type=Nonpr Sec= 6, 7
Name= 41 Type=Nonpr Sec= 7, 6
Name= 42 Type=Nonpr Sec= 8, 9
Name= 43 Type=Nonpr Sec= 8, 9
Name= 44 Type=Nonpr Sec= 9, 4

50 J= 51, 52 Sec=58
51 J= 52, 53 Sec=61
52 J= 53, 54 Sec=62
53 J= 54, 55 Sec=63
54 J= 55, 56 Sec=61
55 J= 56, 57 Sec=59
56 J= 57, 58 Sec=57
57 J= 58, 59 Sec=14
58 J= 59, 60 Sec=14
59 J= 60, 61 Sec=14
60 J= 61, 62 Sec=54
61 J= 62, 63 Sec=65
62 J= 63, 64 Sec=67
63 J= 64, 65 Sec=69
64 J= 65, 66 Sec=70
65 J= 66, 67 Sec=68
66 J= 67, 68 Sec=66
67 J= 68, 69 Sec=57
68 J= 69, 70 Sec=14
69 J= 70, 71 Sec=14
70 J= 71, 72 Sec=14
71 J= 72, 73 Sec=54
72 J= 73, 74 Sec=64
73 J= 74, 75 Sec=60
74 J= 75, 76 Sec=62
75 J= 76, 77 Sec=63
76 J= 77, 78 Sec=61
77 J= 78, 79 Sec=59
78 J= 79, 80 Sec=57
79 J= 80, 81 Sec=52
80 J= 81, 82 Sec=15
81 J= 82, 83 Sec=15
82 J= 83, 84 Sec=56
83 J= 84, 85 Sec=71
84 J= 85, 86 Sec=51
85 J= 1, 87 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
86 J= 87, 44 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
87 J= 2, 88 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
88 J= 88, 45 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
89 J= 3, 89 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
90 J= 89, 46 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
91 J= 4, 90 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
92 J= 90, 47 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
93 J= 5, 91 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
94 J= 91, 48 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
95 J= 6, 92 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
96 J= 92, 49 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
97 J= 7, 93 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
98 J= 93, 50 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
99 J= 8, 94 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
100 J= 94, 51 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
101 J= 9, 95 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
102 J= 95, 52 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
103 J= 10, 96 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
104 J= 96, 53 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
105 J= 11, 97 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
106 J= 97, 54 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
107 J= 12, 98 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
108 J= 98, 55 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
109 J= 13, 99 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
110 J= 99, 56 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
111 J= 14, 100 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
112 J= 100, 57 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
113 J= 15, 101 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
114 J= 101, 58 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
115 J= 16, 102 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
116 J= 102, 59 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
117 J= 17, 103 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
118 J= 103, 60 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
119 J= 18, 104 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
120 J= 104, 61 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
121 J= 19, 105 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
122 J= 105, 62 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
123 J= 20, 106 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
124 J= 106, 63 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
125 J= 21, 107 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0
126 J= 107, 64 Sec=25 IOFF=0.000 JOFF=1.250 RIGD=1.0
127 J= 22, 108 Sec=25 IOFF=1.250 JOFF=0.000 RIGD=1.0

128 J=108, 65 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 129 J= 23, 109 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 130 J=109, 66 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 131 J= 24, 110 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 132 J=110, 67 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 133 J= 25, 111 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 134 J=111, 68 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 135 J= 26, 112 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 136 J=112, 69 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 137 J= 27, 113 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 138 J=113, 70 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 139 J= 28, 114 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 140 J=114, 71 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 141 J= 29, 115 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 142 J=115, 72 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 143 J= 30, 116 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 144 J=116, 73 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 145 J= 31, 117 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 146 J=117, 74 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 147 J= 32, 118 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 148 J=118, 75 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 149 J= 33, 119 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 150 J=119, 76 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 151 J= 34, 120 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 152 J=120, 77 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 153 J= 35, 121 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 154 J=121, 78 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 155 J= 36, 122 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 156 J=122, 79 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 157 J= 37, 123 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 158 J=123, 80 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 159 J= 38, 124 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 160 J=124, 81 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 161 J= 39, 125 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 162 J=125, 82 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 163 J= 40, 126 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 164 J=126, 83 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 165 J= 41, 127 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 166 J=127, 84 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 167 J= 42, 128 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 168 J=128, 85 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 169 J= 43, 129 Sec=25 IOFF=1.250 JOFF=0.000 R/GD=1.0
 170 J=129, 86 Sec=25 IOFF=0.000 JOFF=1.250 R/GD=1.0
 171 J= 87, 88 Sec=26
 172 J= 88, 89 Sec=26
 173 J= 89, 90 Sec=26
 174 J= 90, 91 Sec=26
 175 J= 91, 92 Sec=26
 176 J= 92, 93 Sec=26
 177 J= 93, 94 Sec=26
 178 J= 94, 95 Sec=26
 179 J= 95, 96 Sec=26
 180 J= 96, 97 Sec=26
 181 J= 97, 98 Sec=26
 182 J= 98, 99 Sec=26
 183 J= 99, 100 Sec=26
 184 J=100, 101 Sec=26
 185 J=101, 102 Sec=26
 186 J=102, 103 Sec=26
 187 J=103, 104 Sec=26
 188 J=104, 105 Sec=26
 189 J=105, 106 Sec=26
 190 J=106, 107 Sec=26
 191 J=107, 108 Sec=26
 192 J=108, 109 Sec=26
 193 J=109, 110 Sec=26
 194 J=110, 111 Sec=26
 195 J=111, 112 Sec=26
 196 J=112, 113 Sec=26
 197 J=113, 114 Sec=26
 198 J=114, 115 Sec=26
 199 J=115, 116 Sec=26
 200 J=116, 117 Sec=26
 201 J=117, 118 Sec=26
 202 J=118, 119 Sec=26
 203 J=119, 120 Sec=26
 204 J=120, 121 Sec=26
 205 J=121, 122 Sec=26

Name=2N2 Type=ENVE ;
 LOAD=A1 sf=1.000
 LOAD=P2 sf=1.000

 Name=2N3 Type=ENVE ;
 LOAD=A1 sf=1.000
 LOAD=P3 sf=1.000

 Name=2N4 Type=ENVE ;
 LOAD=A1 sf=1.000
 LOAD=A2 sf=1.000

 Name=2N5 Type=ENVE ;
 LOAD=P1 sf=1.000
 LOAD=P2 sf=1.000

 Name=2N6 Type=ENVE ;
 LOAD=P1 sf=1.000
 LOAD=P3 sf=1.000

 Name=2N7 Type=ENVE ;
 LOAD=P1 sf=1.000
 LOAD=A2 sf=1.000

 Name=2N8 Type=ENVE ;
 LOAD=P2 sf=1.000
 LOAD=P3 sf=1.000

 Name=2N9 Type=ENVE ;
 LOAD=P2 sf=1.000
 LOAD=A2 sf=1.000

 Name=2N10 Type=ENVE ;
 LOAD=P3 sf=1.000
 LOAD=A2 sf=1.000

 Name=3N1 Type=ENVE ;
 LOAD=A1 sf=1.000
 LOAD=P1 sf=1.000
 LOAD=P2 sf=1.000

 Name=3N2 Type=ENVE ;
 LOAD=A1 sf=1.000
 LOAD=P1 sf=1.000
 LOAD=P3 sf=1.000

 Name=3N3 Type=ENVE ;
 LOAD=A1 sf=1.000
 LOAD=P1 sf=1.000
 LOAD=A2 sf=1.000

 Name=3N4 Type=ENVE ;
 LOAD=A1 sf=1.000
 LOAD=P2 sf=1.000
 LOAD=P3 sf=1.000

 Name=3N5 Type=ENVE ;
 LOAD=A1 sf=1.000
 LOAD=P2 sf=1.000
 LOAD=A2 sf=1.000

 Name=3N6 Type=ENVE ;
 LOAD=A1 sf=1.000
 LOAD=P3 sf=1.000
 LOAD=A2 sf=1.000

 Name=3N7 Type=ENVE ;
 LOAD=P1 sf=1.000
 LOAD=P2 sf=1.000
 LOAD=P3 sf=1.000

 Name=3N8 Type=ENVE ;
 LOAD=P1 sf=1.000
 LOAD=P2 sf=1.000
 LOAD=A2 sf=1.000

 Name=3N9 Type=ENVE ;

206 J=122, 123 Sec=26
 207 J=123, 124 Sec=26
 208 J=124, 125 Sec=26
 209 J=125, 126 Sec=26
 210 J=126, 127 Sec=26
 211 J=127, 128 Sec=26
 212 J=128, 129 Sec=26
 213 J= 1, 130 Sec=27
 214 J=131, 130 Sec=27
 215 J=132, 130 Sec=27
 216 J= 11, 133 Sec=27
 217 J=134, 133 Sec=27
 218 J=135, 133 Sec=27
 219 J= 22, 136 Sec=27
 220 J=137, 136 Sec=27
 221 J=138, 136 Sec=27
 222 J= 33, 139 Sec=27
 223 J=140, 139 Sec=27
 224 J=141, 139 Sec=27
 225 J= 43, 142 Sec=27
 226 J=143, 142 Sec=27
 227 J=144, 142 Sec=27
 228 J= 44, 145 Sec=27
 229 J=146, 145 Sec=27
 230 J=147, 145 Sec=27
 231 J= 54, 148 Sec=27
 232 J=149, 148 Sec=27
 233 J=150, 148 Sec=27
 234 J= 65, 151 Sec=27
 235 J=152, 151 Sec=27
 236 J=153, 151 Sec=27
 237 J= 76, 154 Sec=27
 238 J=155, 154 Sec=27
 239 J=156, 154 Sec=27
 240 J= 86, 157 Sec=27
 241 J=158, 157 Sec=27
 242 J=159, 157 Sec=27

 LOAD
 Name=A1 : UNEQUAL SETTLEMENT
 Type=RESTRAINT DISPLACEMENT
 Add=131 Uz=-0.010
 Add=132 Uz=-0.010
 Add=146 Uz=-0.010
 Add=147 Uz=-0.010

 Name=P1 : UNEQUAL SETTLEMENT
 Type=RESTRAINT DISPLACEMENT
 Add=134 Uz=-0.010
 Add=135 Uz=-0.010
 Add=149 Uz=-0.010
 Add=150 Uz=-0.010

 Name=P2 : UNEQUAL SETTLEMENT
 Type=RESTRAINT DISPLACEMENT
 Add=137 Uz=-0.010
 Add=138 Uz=-0.010
 Add=152 Uz=-0.010
 Add=153 Uz=-0.010

 Name=P3 : UNEQUAL SETTLEMENT
 Type=RESTRAINT DISPLACEMENT
 Add=140 Uz=-0.010
 Add=141 Uz=-0.010
 Add=155 Uz=-0.010
 Add=156 Uz=-0.010

 Name=A2 : UNEQUAL SETTLEMENT
 Type=RESTRAINT DISPLACEMENT
 Add=143 Uz=-0.010
 Add=144 Uz=-0.010
 Add=158 Uz=-0.010
 Add=159 Uz=-0.010

 COMBO
 Name=2N1 Type=ENVE ;
 LOAD=A1 sf=1.000
 LOAD=P1 sf=1.000

 LOAD=P1 sf=1.000
 LOAD=P3 sf=1.000
 LOAD=A2 sf=1.000

 Name=3N10 Type=ENVE ;
 LOAD=P2 sf=1.000
 LOAD=P3 sf=1.000
 LOAD=A2 sf=1.000

 Name=4N1 Type=ENVE ;
 LOAD=A1 sf=1.000
 LOAD=P1 sf=1.000
 LOAD=P2 sf=1.000
 LOAD=P3 sf=1.000

 Name=4N2 Type=ENVE ;
 LOAD=A1 sf=1.000
 LOAD=P1 sf=1.000
 LOAD=P2 sf=1.000
 LOAD=A2 sf=1.000

 Name=4N3 Type=ENVE ;
 LOAD=A1 sf=1.000
 LOAD=P1 sf=1.000
 LOAD=P3 sf=1.000
 LOAD=A2 sf=1.000

 Name=4N4 Type=ENVE ;
 LOAD=A1 sf=1.000
 LOAD=P2 sf=1.000
 LOAD=P3 sf=1.000
 LOAD=A2 sf=1.000

 Name=4N5 Type=ENVE ;
 LOAD=P1 sf=1.000
 LOAD=P2 sf=1.000
 LOAD=P3 sf=1.000
 LOAD=A2 sf=1.000

 Name=2N Type=ENVE ;
 COMB=2N1 sf=1.000
 COMB=2N2 sf=1.000
 COMB=2N3 sf=1.000
 COMB=2N4 sf=1.000
 COMB=2N5 sf=1.000
 COMB=2N6 sf=1.000
 COMB=2N7 sf=1.000
 COMB=2N8 sf=1.000
 COMB=2N9 sf=1.000
 COMB=2N10 sf=1.000

 Name=3N Type=ENVE ;
 COMB=3N1 sf=1.000
 COMB=3N2 sf=1.000
 COMB=3N3 sf=1.000
 COMB=3N4 sf=1.000
 COMB=3N5 sf=1.000
 COMB=3N6 sf=1.000
 COMB=3N7 sf=1.000
 COMB=3N8 sf=1.000
 COMB=3N9 sf=1.000
 COMB=3N10 sf=1.000

 Name=4N Type=ENVE ;
 COMB=4N1 sf=1.000
 COMB=4N2 sf=1.000
 COMB=4N3 sf=1.000
 COMB=4N4 sf=1.000
 COMB=4N5 sf=1.000

 Name=SETTLE Type=ENVE ;
 LOAD=A1 sf=1.000
 LOAD=P1 sf=1.000
 LOAD=P2 sf=1.000
 LOAD=P3 sf=1.000
 LOAD=A2 sf=1.000
 COMB=2N sf=1.000
 COMB=3N sf=1.000

COMB=4N sf=1,000

OUTPUT

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