

MIDAS/Civil

TEXT FILE OUTPUT

PROJECT TITLE :

MIDAS	Company		Client	
MIDAS	Author		File Name	원남교(상행)-안전성검토

; MIDAS/Civil Text(MCT) File.

; Date : 2015/11/14

*VERSION

8.4.5

*UNIT ; Unit System

; FORCE, LENGTH, HEAT, TEMPER

KN , M, KCAL, C

*STRUCTYPE ; Structure Type

; iSTYP, iMASS, iSMAS, bMASSOFFSET, bSELFWEIGHT, GRAV, TEMPER, bALIGNBEAM, bALIGNSLAB, bROTTRIGID

0, 1, 3, NO, YES, 9.806, 0, NO, NO, NO

*REBAR-MATL-CODE ; Rebar Material Code

; CONC_CODE, CONC_MDB, SRC_CODE, SRC_MDB

KS01-Civil(RC), SD300, KS01-Civil(RC), SD300

*NODE ; Nodes

; iNO, X, Y, Z

1, 0.15, 5.6, 0

2, 0.6, 5.6, 0

3, 5, 5.6, 0

4, 10, 5.6, 0

5, 15, 5.6, 0

6, 19, 5.6, 0

7, 20, 5.6, 0

8, 25, 5.6, 0

9, 30, 5.6, 0

10, 35, 5.6, 0

11, 40, 5.6, 0

12, 42.5, 5.6, 0

13, 45, 5.6, 0

14, 46.25, 5.6, 0

15, 49, 5.6, 0

16, 50, 5.6, 0

17, 53.75, 5.6, 0

18, 55, 5.6, 0

19, 58.75, 5.6, 0

20, 60, 5.6, 0

21, 63.75, 5.6, 0

22, 65, 5.6, 0

23, 67.5, 5.6, 0

24, 70, 5.6, 0

25, 75, 5.6, 0

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73, 49, 0, 0

74, 50, 0, 0

75, 53.75, 0, 0

76, 55, 0, 0

77, 58.75, 0, 0

78, 60, 0, 0

79, 63.75, 0, 0

80, 65, 0, 0

81, 67.5, 0, 0

82, 70, 0, 0

83, 75, 0, 0

84, 80, 0, 0

85, 85, 0, 0

86, 90, 0, 0

87, 93.75, 0, 0

88, 95, 0, 0

89, 96.25, 0, 0

90, 100, 0, 0

91, 103.75, 0, 0

92, 105, 0, 0

93, 106.25, 0, 0

94, 110, 0, 0

95, 115, 0, 0

96, 120, 0, 0

97, 125, 0, 0

98, 130, 0, 0

99, 135, 0, 0

100, 140, 0, 0

101, 143.75, 0, 0

102, 145, 0, 0

103, 146.25, 0, 0

104, 150, 0, 0

105, 151, 0, 0

106, 153.75, 0, 0

107, 155, 0, 0

108, 156.25, 0, 0

109, 160, 0, 0

110, 165, 0, 0

111, 170, 0, 0

112, 175, 0, 0

113, 180, 0, 0

114, 185, 0, 0

115, 189.5, 0, 0

116, 189.95, 0, 0

117, 0.15, 2.8, 0

118, 0.6, 2.8, 0

119, 5, 2.8, 0

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26, 80, 5.6, 0

27, 85, 5.6, 0

28, 90, 5.6, 0

29, 93.75, 5.6, 0

30, 95, 5.6, 0

31, 96.25, 5.6, 0

32, 100, 5.6, 0

33, 103.75, 5.6, 0

34, 105, 5.6, 0

35, 106.25, 5.6, 0

36, 110, 5.6, 0

37, 115, 5.6, 0

38, 120, 5.6, 0

39, 125, 5.6, 0

40, 130, 5.6, 0

41, 135, 5.6, 0

42, 140, 5.6, 0

43, 143.75, 5.6, 0

44, 145, 5.6, 0

45, 146.25, 5.6, 0

46, 150, 5.6, 0

47, 151, 5.6, 0

48, 153.75, 5.6, 0

49, 155, 5.6, 0

50, 156.25, 5.6, 0

51, 160, 5.6, 0

52, 165, 5.6, 0

53, 170, 5.6, 0

54, 175, 5.6, 0

55, 180, 5.6, 0

56, 185, 5.6, 0

57, 189.5, 5.6, 0

58, 189.95, 5.6, 0

59, 0.15, 0, 0

60, 0.6, 0, 0

61, 5, 0, 0

62, 10, 0, 0

63, 15, 0, 0

64, 19, 0, 0

65, 20, 0, 0

66, 25, 0, 0

67, 30, 0, 0

68, 35, 0, 0

69, 40, 0, 0

70, 42.5, 0, 0

71, 45, 0, 0

72, 46.25, 0, 0

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120, 10, 2.8, 0

121, 15, 2.8, 0

122, 19, 2.8, 0

123, 20, 2.8, 0

124, 25, 2.8, 0

125, 30, 2.8, 0

126, 35, 2.8, 0

127, 40, 2.8, 0

128, 42.5, 2.8, 0

129, 45, 2.8, 0

130, 46.25, 2.8, 0

131, 49, 2.8, 0

132, 50, 2.8, 0

133, 53.75, 2.8, 0

134, 55, 2.8, 0

135, 58.75, 2.8, 0

136, 60, 2.8, 0

137, 63.75, 2.8, 0

138, 65, 2.8, 0

139, 67.5, 2.8, 0

140, 70, 2.8, 0

141, 75, 2.8, 0

142, 80, 2.8, 0

143, 85, 2.8, 0

144, 90, 2.8, 0

145, 93.75, 2.8, 0

146, 95, 2.8, 0

147, 96.25, 2.8, 0

148, 100, 2.8, 0

149, 103.75, 2.8, 0

150, 105, 2.8, 0

151, 106.25, 2.8, 0

152, 110, 2.8, 0

153, 115, 2.8, 0

154, 120, 2.8, 0

155, 125, 2.8, 0

156, 130, 2.8, 0

157, 135, 2.8, 0

158, 140, 2.8, 0

159, 143.75, 2.8, 0

160, 145, 2.8, 0

161, 146.25, 2.8, 0

162, 150, 2.8, 0

163, 151, 2.8, 0

164, 153.75, 2.8, 0

165, 155, 2.8, 0

166, 156.25, 2.8, 0

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167, 160, 2.8, 0 168, 165, 2.8, 0 169, 170, 2.8, 0 170, 175, 2.8, 0 171, 180, 2.8, 0 172, 185, 2.8, 0 173, 189.5, 2.8, 0 174, 189.95, 2.8, 0			
*ELEMENT ; Elements ; iEL, TYPE, iMAT, iPRO, iN1, iN2, ANGLE, iSUB, EXVAL, iOPT(EXVAL2) ; Frame Element ; iEL, TYPE, iMAT, iPRO, iN1, iN2, ANGLE, iSUB, EXVAL, EXVAL2, bLMT ; Comp/Tens Truss ; iEL, TYPE, iMAT, iPRO, iN1, iN2, iN3, iN4, iSUB, iWID, LCAXIS ; Planar Element ; iEL, TYPE, iMAT, iPRO, iN1, iN2, iN3, iN4, iN5, iN6, iN7, iN8 ; Solid Element ; iEL, TYPE, iMAT, iPRO, iN1, iN2, REF, RPX, RPY, RPZ, iSUB, EXVAL ; Frame(Ref. Point) 1, BEAM , 1, 1, 1, 2, 0, 0 2, BEAM , 1, 1, 2, 3, 0, 0 3, BEAM , 1, 1, 3, 4, 0, 0 4, BEAM , 1, 2, 4, 5, 0, 0 5, BEAM , 1, 2, 5, 6, 0, 0 6, BEAM , 1, 2, 6, 7, 0, 0 7, BEAM , 1, 2, 7, 8, 0, 0 8, BEAM , 1, 2, 8, 9, 0, 0 9, BEAM , 1, 2, 9, 10, 0, 0 10, BEAM , 1, 3, 10, 11, 0, 0 11, BEAM , 1, 3, 11, 12, 0, 0 12, BEAM , 1, 4, 12, 13, 0, 0 13, BEAM , 1, 4, 13, 14, 0, 0 14, BEAM , 1, 5, 14, 15, 0, 0 15, BEAM , 1, 5, 15, 16, 0, 0 16, BEAM , 1, 5, 16, 17, 0, 0 17, BEAM , 1, 4, 17, 18, 0, 0 18, BEAM , 1, 4, 18, 19, 0, 0 19, BEAM , 1, 3, 19, 20, 0, 0 20, BEAM , 1, 3, 20, 21, 0, 0 21, BEAM , 1, 6, 21, 22, 0, 0 22, BEAM , 1, 6, 22, 23, 0, 0 23, BEAM , 1, 7, 23, 24, 0, 0 24, BEAM , 1, 7, 24, 25, 0, 0 25, BEAM , 1, 7, 25, 26, 0, 0 26, BEAM , 1, 7, 26, 27, 0, 0 27, BEAM , 1, 8, 27, 28, 0, 0 28, BEAM , 1, 8, 28, 29, 0, 0 29, BEAM , 1, 9, 29, 30, 0, 0 30, BEAM , 1, 9, 30, 31, 0, 0 31, BEAM , 1, 10, 31, 32, 0, 0 32, BEAM , 1, 10, 32, 33, 0, 0			
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33, BEAM , 1, 9, 33, 34, 0, 0 34, BEAM , 1, 9, 34, 35, 0, 0 35, BEAM , 1, 8, 35, 36, 0, 0 36, BEAM , 1, 8, 36, 37, 0, 0 37, BEAM , 1, 7, 37, 38, 0, 0 38, BEAM , 1, 7, 38, 39, 0, 0 39, BEAM , 1, 7, 39, 40, 0, 0 40, BEAM , 1, 7, 40, 41, 0, 0 41, BEAM , 1, 8, 41, 42, 0, 0 42, BEAM , 1, 8, 42, 43, 0, 0 43, BEAM , 1, 9, 43, 44, 0, 0 44, BEAM , 1, 9, 44, 45, 0, 0 45, BEAM , 1, 11, 45, 46, 0, 0 46, BEAM , 1, 11, 46, 47, 0, 0 47, BEAM , 1, 11, 47, 48, 0, 0 48, BEAM , 1, 9, 48, 49, 0, 0 49, BEAM , 1, 9, 49, 50, 0, 0 50, BEAM , 1, 12, 50, 51, 0, 0 51, BEAM , 1, 12, 51, 52, 0, 0 52, BEAM , 1, 13, 52, 53, 0, 0 53, BEAM , 1, 13, 53, 54, 0, 0 54, BEAM , 1, 13, 54, 55, 0, 0 55, BEAM , 1, 13, 55, 56, 0, 0 56, BEAM , 1, 13, 56, 57, 0, 0 57, BEAM , 1, 13, 57, 58, 0, 0 58, BEAM , 1, 1, 59, 60, 0, 0 59, BEAM , 1, 1, 60, 61, 0, 0 60, BEAM , 1, 1, 61, 62, 0, 0 61, BEAM , 1, 2, 62, 63, 0, 0 62, BEAM , 1, 2, 63, 64, 0, 0 63, BEAM , 1, 2, 64, 65, 0, 0 64, BEAM , 1, 2, 65, 66, 0, 0 65, BEAM , 1, 2, 66, 67, 0, 0 66, BEAM , 1, 2, 67, 68, 0, 0 67, BEAM , 1, 3, 68, 69, 0, 0 68, BEAM , 1, 3, 69, 70, 0, 0 69, BEAM , 1, 4, 70, 71, 0, 0 70, BEAM , 1, 4, 71, 72, 0, 0 71, BEAM , 1, 5, 72, 73, 0, 0 72, BEAM , 1, 5, 73, 74, 0, 0 73, BEAM , 1, 5, 74, 75, 0, 0 74, BEAM , 1, 4, 75, 76, 0, 0 75, BEAM , 1, 4, 76, 77, 0, 0 76, BEAM , 1, 3, 77, 78, 0, 0 77, BEAM , 1, 3, 78, 79, 0, 0 78, BEAM , 1, 6, 79, 80, 0, 0 79, BEAM , 1, 6, 80, 81, 0, 0			
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PROJECT TITLE :			
	Company		Client
	Author		File Name 원남교(상행)-안전성검토
80, BEAM , 1, 7, 81, 82, 0, 0 81, BEAM , 1, 7, 82, 83, 0, 0 82, BEAM , 1, 7, 83, 84, 0, 0 83, BEAM , 1, 7, 84, 85, 0, 0 84, BEAM , 1, 8, 85, 86, 0, 0 85, BEAM , 1, 8, 86, 87, 0, 0 86, BEAM , 1, 9, 87, 88, 0, 0 87, BEAM , 1, 9, 88, 89, 0, 0 88, BEAM , 1, 10, 89, 90, 0, 0 89, BEAM , 1, 10, 90, 91, 0, 0 90, BEAM , 1, 9, 91, 92, 0, 0 91, BEAM , 1, 9, 92, 93, 0, 0 92, BEAM , 1, 8, 93, 94, 0, 0 93, BEAM , 1, 8, 94, 95, 0, 0 94, BEAM , 1, 7, 95, 96, 0, 0 95, BEAM , 1, 7, 96, 97, 0, 0 96, BEAM , 1, 7, 97, 98, 0, 0 97, BEAM , 1, 7, 98, 99, 0, 0 98, BEAM , 1, 8, 99, 100, 0, 0 99, BEAM , 1, 8, 100, 101, 0, 0 100, BEAM , 1, 9, 101, 102, 0, 0 101, BEAM , 1, 9, 102, 103, 0, 0 102, BEAM , 1, 11, 103, 104, 0, 0 103, BEAM , 1, 11, 104, 105, 0, 0 104, BEAM , 1, 11, 105, 106, 0, 0 105, BEAM , 1, 9, 106, 107, 0, 0 106, BEAM , 1, 9, 107, 108, 0, 0 107, BEAM , 1, 12, 108, 109, 0, 0 108, BEAM , 1, 12, 109, 110, 0, 0 109, BEAM , 1, 13, 110, 111, 0, 0 110, BEAM , 1, 13, 111, 112, 0, 0 111, BEAM , 1, 13, 112, 113, 0, 0 112, BEAM , 1, 13, 113, 114, 0, 0 113, BEAM , 1, 13, 114, 115, 0, 0 114, BEAM , 1, 13, 115, 116, 0, 0 115, BEAM , 2, 40, 117, 118, 0, 0 116, BEAM , 2, 40, 118, 119, 0, 0 117, BEAM , 2, 40, 119, 120, 0, 0 118, BEAM , 2, 40, 120, 121, 0, 0 119, BEAM , 2, 40, 121, 122, 0, 0 120, BEAM , 2, 40, 122, 123, 0, 0 121, BEAM , 2, 40, 123, 124, 0, 0 122, BEAM , 2, 40, 124, 125, 0, 0 123, BEAM , 2, 40, 125, 126, 0, 0 124, BEAM , 2, 40, 126, 127, 0, 0 125, BEAM , 2, 40, 127, 128, 0, 0 126, BEAM , 2, 40, 128, 129, 0, 0			
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	Author		File Name 원남교(상행)-안전성검토
127, BEAM , 2, 40, 129, 130, 0, 0 128, BEAM , 2, 40, 130, 131, 0, 0 129, BEAM , 2, 40, 131, 132, 0, 0 130, BEAM , 2, 40, 132, 133, 0, 0 131, BEAM , 2, 40, 133, 134, 0, 0 132, BEAM , 2, 40, 134, 135, 0, 0 133, BEAM , 2, 40, 135, 136, 0, 0 134, BEAM , 2, 40, 136, 137, 0, 0 135, BEAM , 2, 40, 137, 138, 0, 0 136, BEAM , 2, 40, 138, 139, 0, 0 137, BEAM , 2, 40, 139, 140, 0, 0 138, BEAM , 2, 40, 140, 141, 0, 0 139, BEAM , 2, 40, 141, 142, 0, 0 140, BEAM , 2, 40, 142, 143, 0, 0 141, BEAM , 2, 40, 143, 144, 0, 0 142, BEAM , 2, 40, 144, 145, 0, 0 143, BEAM , 2, 40, 145, 146, 0, 0 144, BEAM , 2, 40, 146, 147, 0, 0 145, BEAM , 2, 40, 147, 148, 0, 0 146, BEAM , 2, 40, 148, 149, 0, 0 147, BEAM , 2, 40, 149, 150, 0, 0 148, BEAM , 2, 40, 150, 151, 0, 0 149, BEAM , 2, 40, 151, 152, 0, 0 150, BEAM , 2, 40, 152, 153, 0, 0 151, BEAM , 2, 40, 153, 154, 0, 0 152, BEAM , 2, 40, 154, 155, 0, 0 153, BEAM , 2, 40, 155, 156, 0, 0 154, BEAM , 2, 40, 156, 157, 0, 0 155, BEAM , 2, 40, 157, 158, 0, 0 156, BEAM , 2, 40, 158, 159, 0, 0 157, BEAM , 2, 40, 159, 160, 0, 0 158, BEAM , 2, 40, 160, 161, 0, 0 159, BEAM , 2, 40, 161, 162, 0, 0 160, BEAM , 2, 40, 162, 163, 0, 0 161, BEAM , 2, 40, 163, 164, 0, 0 162, BEAM , 2, 40, 164, 165, 0, 0 163, BEAM , 2, 40, 165, 166, 0, 0 164, BEAM , 2, 40, 166, 167, 0, 0 165, BEAM , 2, 40, 167, 168, 0, 0 166, BEAM , 2, 40, 168, 169, 0, 0 167, BEAM , 2, 40, 169, 170, 0, 0 168, BEAM , 2, 40, 170, 171, 0, 0 169, BEAM , 2, 40, 171, 172, 0, 0 170, BEAM , 2, 40, 172, 173, 0, 0 171, BEAM , 2, 40, 173, 174, 0, 0 172, BEAM , 3, 41, 118, 2, 0, 0 173, BEAM , 3, 41, 60, 118, 0, 0			
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	Company		Client	
	Author		File Name	원남교(상행)-안전성검토

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; [OFFSET] : OFFSET, iCENT, iREF, iHORZ, HUSER, iVERT, VUSER
; [OFFSET2]: OFFSET, iCENT, iREF, iHORZ, HUSERI, HUSERJ, iVERT, VUSERI, VUSERJ
; [JOINT] : 8(1CELL, 2CELL), 13(3CELL), 9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB), 0(nCELL), 2(nCEL2)
; [SIZE-A] : 6(1CELL, 2CELL), 10(3CELL), 10(PSCM), 6(PSCH), 8(PSCT), 10(PSCB), 5(nCELL), 11(nCEL2)
; [SIZE-B] : 6(1CELL, 2CELL), 12(3CELL), 6(PSCM), 6(PSCH), 8(PSCT), 6(PSCB), 8(nCELL), 18(nCEL2)
; [SIZE-C] : 10(1CELL, 2CELL), 13(3CELL), 9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB), 0(nCELL), 11(nCEL2)
; [SIZE-D] : 8(1CELL, 2CELL), 13(3CELL), 6(PSCM), 7(PSCH), 8(PSCT), 5(PSCB), 0(nCELL), 18(nCEL2)
; [STIFF] : AREA, ASy, ASz, Ixx, Iyy, Izz
; [SCHK] : bAUTO_Z1, Z1, bAUTO_Z3, Z3
; [WT] : bAUTO_TOR, TOR, bAUTO_SHR1, SHR1, bAUTO_SHR2, SHR2, bAUTO_SHR3, SHR3
; [CMPWEB] : EFD, LRF, A, B, H, T
1, COMPOSITE , A , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012
1, 0, 0, 0, 2, 5
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
2, 0.8, 0, NO, 0.8, 0, NO
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
2, COMPOSITE , B , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.016
1, 0, 0, 0, 2, 5
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
2, 0.8, 0, NO, 0.8, 0, NO
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
3, COMPOSITE , C , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.016, 2.4, 0.12, 0.02
1, 0, 0, 0, 5, 5
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.034, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
4, COMPOSITE , D , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.016, 2.4, 0.12, 0.02
1, 0, 0, 0, 5, 2
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
2, 0.8, 0, NO, 0.8, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.034, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
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|  | Company |  | Client    |               |
|                                                                                    | Author  |  | File Name | 원남교(상행)-안전성검토 |


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5, COMPOSITE , E , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.022, 2.4, 0.12, 0.026
1, 0, 0, 0, 5, 2
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
2, 0.8, 0, NO, 0.8, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.028, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
6, COMPOSITE , F , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012
1, 0, 0, 0, 5, 5
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
7, COMPOSITE , G , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012
1, 0, 0, 0, 2, 5
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
2, 0.8, 0, NO, 0.8, 0, NO
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
8, COMPOSITE , H , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.014
1, 0, 0, 0, 5, 5
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
2, 0.8, 0, NO, 0.8, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
10, COMPOSITE , J , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.016
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MIDAS/CivilTEXT FILE OUTPUTPROJECT TITLE :

	Company		Client	
	Author		File Name	원남교(상행)-안전성검토

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1, 0, 0, 0, 5, 2
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
2, 0.8, 0, NO, 0.8, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
11, COMPOSITE , K , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.018
1, 0, 0, 0, 5, 2
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
2, 0.8, 0, NO, 0.8, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
12, COMPOSITE , L , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.014
1, 0, 0, 0, 2, 5
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
2, 0.8, 0, NO, 0.8, 0, NO
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
13, COMPOSITE , M , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012
1, 0, 0, 0, 2, 5
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
2, 0.8, 0, NO, 0.8, 0, NO
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
40, DBUSER , Stringer , CT, 0, 0, 0, 0, 1, 0.114, YES, H , 2, 1.02, 0.25, 0.01, 0.01, 0, 0, 0, 0, 0, 0
41, DBUSER , Cross1 , CT, 0, 0, 0, 0, 1, 0.564, YES, H , 2, 1.52, 0.25, 0.01, 0.01, 0, 0, 0, 0, 0, 0
42, DBUSER , Cross2 , CT, 0, 0, 0, 0, 1, 0.364, YES, H , 2, 1.52, 0.25, 0.01, 0.01, 0, 0, 0, 0, 0, 0
*SECT-COLOR
; iSEC, W_R, W_G, W_B, HF_R, HF_G, HF_B, HE_R, HE_G, HE_B, bBLEND, FACT
1, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
2, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
3, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
4, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
5, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
6, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
7, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
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|                                                                                     |         |  |           |               |
|-------------------------------------------------------------------------------------|---------|--|-----------|---------------|
|  | Company |  | Client    |               |
|                                                                                     | Author  |  | File Name | 원남교(상행)-안전성검토 |


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8, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
9, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
10, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
11, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
12, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
13, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
40, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
41, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
42, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
*COMP-GEN-SECT-PSC-DESIGN ; Composite Section for PSC Design
; ELEM, (Z1, Z2, Z3, t1, t2, t3, TotT)-I (Z1, Z2, Z3, t1, t2, t3, TotT)-J
1, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
2, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
3, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
4, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
5, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
6, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
7, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
8, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
9, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
10, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
11, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
12, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
13, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
*DGN-SECT
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, [DATA1], [DATA2] ; 1st line - DB/USER
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, BLT, D1, ..., D8, iCEL ; 1st line - VALUE
; AREA, ASy, ASz, Ixx, Iyy, Izz ; 2nd line
; CyP, CyM, CzP, CzM, QyB, QzB, PERI_OUT, PERI_IN, Cy, Cz ; 3rd line
; Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy, Zzz ; 4th line
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, SF, THERMAL ; 1st line - SRC
; D1, D2, [SRC] ; 2nd line
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 1, DB, NAME1, NAME2, D1, D2 ; 1st line - COMBINED
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 2, D11, D12, D13, D14, D15, D21, D22, D23, D24 ; 1st line - TAPERED
; iSEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, iVar, izVAR, STYPE ; 2nd line(STYPE=DB)
; [DIM1], [DIM2] ; 2nd line(STYPE=USER)
; D11, D12, D13, D14, D15, D16, D17, D18 ; 2nd line(STYPE=VALUE)
; AREA1, ASy1, ASz1, Ixx1, Iyy1, Izz1 ; 3rd line(STYPE=VALUE)
; CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1 ; 4th line(STYPE=VALUE)
; Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2 ; 5th line(STYPE=VALUE)
; D21, D22, D23, D24, D25, D26, D27, D28 ; 6th line(STYPE=VALUE)
; AREA2, ASy2, ASz2, Ixx2, Iyy2, Izz2 ; 7th line(STYPE=VALUE)
; CyP2, CyM2, CzP2, CzM2, QyB2, QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2 ; 8th line(STYPE=VALUE)
; Y21, Y22, Y23, Y24, Z21, Z22, Z23, Z24, Zyy2, Zzz2 ; 9th line(STYPE=VALUE)
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	Author		File Name	원남교(상행)-안전성검토

4, COMPOSITE , D , CC, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.016, 2.4, 0.12, 0.02
1, 0, 0, 0, 5, 2
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
0
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
2, 0.8, 0, NO, 0.8, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.034, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
5, COMPOSITE , E , CC, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.022, 2.4, 0.12, 0.026
1, 0, 0, 0, 5, 2
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
0
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
2, 0.8, 0, NO, 0.8, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.028, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
6, COMPOSITE , F , CC, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012
1, 0, 0, 0, 5, 5
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
0
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
7, COMPOSITE , G , CC, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012
1, 0, 0, 0, 2, 5
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
0
2, 0.8, 0, NO, 0.8, 0, NO
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
8, COMPOSITE , H , CC, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.014
1, 0, 0, 0, 5, 5
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
0
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
9, COMPOSITE , I , CC, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.014

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	Company		Client	
	Author		File Name	원남교(상행)-안전성검토

1, 0, 0, 0, 5, 2
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
0
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
2, 0.8, 0, NO, 0.8, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
10, COMPOSITE , J , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.016
1, 0, 0, 0, 5, 2
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
0
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
2, 0.8, 0, NO, 0.8, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
11, COMPOSITE , K , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.018
1, 0, 0, 0, 5, 2
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
0
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
2, 0.8, 0, NO, 0.8, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
12, COMPOSITE , L , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.014, 2.4, 0.12, 0.014
1, 0, 0, 0, 2, 5
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
0
2, 0.8, 0, NO, 0.8, 0, NO
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.036, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
13, COMPOSITE , M , CC, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.4, 0.12, 0.012, 2.4, 0.12, 0.012
1, 0, 0, 0, 2, 5
1, Rib, 0, 0.15, 0.014, 0, 0, 0, 0, 0, 0
0
0
2, 0.8, 0, NO, 0.8, 0, NO
5, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO
10.49, 2, 5.6, 5.245, 0.25, 0.038, 7.68337, 3.13991, 0.3, 0.18, 1.2, NO, ,
40, DBUSER , Stringer , CT, 0, 0, 0, 0, 1, 0.114, YES, H , 2, 1.02, 0.25, 0.01, 0.01, 0, 0, 0, 0, 0, 0
41, DBUSER , Cross1 , CT, 0, 0, 0, 0, 1, 0.564, YES, H , 2, 1.52, 0.25, 0.01, 0.01, 0, 0, 0, 0, 0, 0
42, DBUSER , Cross2 , CT, 0, 0, 0, 0, 1, 0.364, YES, H , 2, 1.52, 0.25, 0.01, 0.01, 0, 0, 0, 0, 0, 0

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PROJECT TITLE :

	Company		Client	
	Author		File Name	원남교(상행)-안전성검토

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*LINELANE      ; Traffic Line Lanes
; NAME=NAME, LDIST, GROUP, SKEWS, SKEWE, MOVING, LW, WS, bLANEOPT ; line 1
; IELEM1, ECCL1, FACT1, bSPAN1, ECCVL... ; from line 2
NAME=L1, LANE, , 0, 0, BOTH, 3, 1,8, NO
1, -0.288, 0.168, YES, 0, 2, -0.288, 0.168, NO, 0
3, -0.288, 0.168, NO, 0, 4, -0.288, 0.168, NO, 0
5, -0.288, 0.168, NO, 0, 6, -0.288, 0.168, NO, 0
7, -0.288, 0.168, NO, 0, 8, -0.288, 0.168, NO, 0
9, -0.288, 0.168, NO, 0, 10, -0.288, 0.168, NO, 0
11, -0.288, 0.167, NO, 0, 12, -0.288, 0.167, NO, 0
13, -0.288, 0.167, NO, 0, 14, -0.288, 0.167, NO, 0
15, -0.288, 0.167, NO, 0, 16, -0.288, 0.167, YES, 0
17, -0.288, 0.167, NO, 0, 18, -0.288, 0.167, NO, 0
19, -0.288, 0.167, NO, 0, 20, -0.288, 0.167, NO, 0
21, -0.288, 0.167, NO, 0, 22, -0.288, 0.167, NO, 0
23, -0.288, 0.167, NO, 0, 24, -0.288, 0.167, NO, 0
25, -0.288, 0.167, NO, 0, 26, -0.288, 0.167, NO, 0
27, -0.288, 0.167, NO, 0, 28, -0.288, 0.167, NO, 0
29, -0.288, 0.167, NO, 0, 30, -0.288, 0.167, NO, 0
31, -0.288, 0.167, NO, 0, 32, -0.288, 0.167, YES, 0
33, -0.288, 0.167, NO, 0, 34, -0.288, 0.167, NO, 0
35, -0.288, 0.167, NO, 0, 36, -0.288, 0.167, NO, 0
37, -0.288, 0.167, NO, 0, 38, -0.288, 0.167, NO, 0
39, -0.288, 0.167, NO, 0, 40, -0.288, 0.167, NO, 0
41, -0.288, 0.167, NO, 0, 42, -0.288, 0.177, NO, 0
43, -0.288, 0.177, NO, 0, 44, -0.288, 0.177, NO, 0
45, -0.288, 0.177, NO, 0, 46, -0.288, 0.177, YES, 0
47, -0.288, 0.177, NO, 0, 48, -0.288, 0.177, NO, 0
49, -0.288, 0.177, NO, 0, 50, -0.288, 0.189, NO, 0
51, -0.288, 0.189, NO, 0, 52, -0.288, 0.189, NO, 0
53, -0.288, 0.189, NO, 0, 54, -0.288, 0.189, NO, 0
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	Author		File Name	원남교(상행)-안전성검토

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PROJECT TITLE :

MIDAS Company		Client	
MIDAS Author		File Name	원남교(상행)-안전성검토

86, 0.445, 0.167, NO, 0

87, 0.445, 0.167, NO, 0

88, 0.445, 0.167, NO, 0

89, 0.445, 0.167, YES, 0

90, 0.445, 0.167, NO, 0

91, 0.445, 0.167, NO, 0

92, 0.445, 0.167, NO, 0

93, 0.445, 0.167, NO, 0

94, 0.445, 0.167, NO, 0

95, 0.445, 0.167, NO, 0

96, 0.445, 0.167, NO, 0

97, 0.445, 0.167, NO, 0

98, 0.445, 0.167, NO, 0

99, 0.445, 0.177, NO, 0

100, 0.445, 0.177, NO, 0

101, 0.445, 0.177, NO, 0

102, 0.445, 0.177, NO, 0

103, 0.445, 0.177, YES, 0

104, 0.445, 0.177, NO, 0

105, 0.445, 0.177, NO, 0

106, 0.445, 0.177, NO, 0

107, 0.445, 0.189, NO, 0

108, 0.445, 0.189, NO, 0

109, 0.445, 0.189, NO, 0

110, 0.445, 0.189, NO, 0

111, 0.445, 0.189, NO, 0

112, 0.445, 0.189, NO, 0

113, 0.445, 0.189, NO, 0

114, 0.445, 0.189, NO, 0

NAME=R1, LANE, , 0, 0, BOTH, 3, 1.8, NO

1, -0.455, 0.168, YES, 0

2, -0.455, 0.168, NO, 0

3, -0.455, 0.168, NO, 0

4, -0.455, 0.168, NO, 0

5, -0.455, 0.168, NO, 0

6, -0.455, 0.168, NO, 0

7, -0.455, 0.168, NO, 0

8, -0.455, 0.168, NO, 0

9, -0.455, 0.168, NO, 0

10, -0.455, 0.168, NO, 0

11, -0.455, 0.167, NO, 0

12, -0.455, 0.167, NO, 0

13, -0.455, 0.167, NO, 0

14, -0.455, 0.167, NO, 0

15, -0.455, 0.167, NO, 0

16, -0.455, 0.167, YES, 0

17, -0.455, 0.167, NO, 0

18, -0.455, 0.167, NO, 0

19, -0.455, 0.167, NO, 0

20, -0.455, 0.167, NO, 0

21, -0.455, 0.167, NO, 0

22, -0.455, 0.167, NO, 0

23, -0.455, 0.167, NO, 0

24, -0.455, 0.167, NO, 0

25, -0.455, 0.167, NO, 0

26, -0.455, 0.167, NO, 0

27, -0.455, 0.167, NO, 0

28, -0.455, 0.167, NO, 0

29, -0.455, 0.167, NO, 0

30, -0.455, 0.167, NO, 0

31, -0.455, 0.167, NO, 0

32, -0.455, 0.167, YES, 0

33, -0.455, 0.167, NO, 0

34, -0.455, 0.167, NO, 0

35, -0.455, 0.167, NO, 0

36, -0.455, 0.167, NO, 0

37, -0.455, 0.167, NO, 0

38, -0.455, 0.167, NO, 0

39, -0.455, 0.167, NO, 0

40, -0.455, 0.167, NO, 0

41, -0.455, 0.167, NO, 0

42, -0.455, 0.177, NO, 0

43, -0.455, 0.177, NO, 0

44, -0.455, 0.177, NO, 0

45, -0.455, 0.177, NO, 0

46, -0.455, 0.177, YES, 0

47, -0.455, 0.177, NO, 0

48, -0.455, 0.177, NO, 0

49, -0.455, 0.177, NO, 0

50, -0.455, 0.189, NO, 0

51, -0.455, 0.189, NO, 0

52, -0.455, 0.189, NO, 0

53, -0.455, 0.189, NO, 0

54, -0.455, 0.189, NO, 0

55, -0.455, 0.189, NO, 0

56, -0.455, 0.189, NO, 0

57, -0.455, 0.189, NO, 0

NAME=R2, CROSS, Lateral, 0, 0, BOTH, 3, 1.8, NO

58, -2.888, 0.168, YES, 0

59, -2.888, 0.168, NO, 0

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94, 0.278, 0.167, NO, 0

95, 0.278, 0.167, NO, 0

96, 0.278, 0.167, NO, 0

97, 0.278, 0.167, NO, 0

98, 0.278, 0.167, NO, 0

99, 0.278, 0.177, NO, 0

100, 0.278, 0.177, NO, 0

101, 0.278, 0.177, NO, 0

102, 0.278, 0.177, NO, 0

103, 0.278, 0.177, YES, 0

104, 0.278, 0.177, NO, 0

105, 0.278, 0.177, NO, 0

106, 0.278, 0.177, NO, 0

107, 0.278, 0.189, NO, 0

108, 0.278, 0.189, NO, 0

109, 0.278, 0.189, NO, 0

110, 0.278, 0.189, NO, 0

111, 0.278, 0.189, NO, 0

112, 0.278, 0.189, NO, 0

113, 0.278, 0.189, NO, 0

114, 0.278, 0.189, NO, 0

NAME=T1, LANE, , 0, 0, FORWARD, 3, 1.85, NO

58, 0.32, 0, YES, 0

59, 0.32, 0, NO, 0

60, 0.32, 0, NO, 0

61, 0.32, 0, NO, 0

62, 0.32, 0, NO, 0

63, 0.32, 0, NO, 0

64, 0.32, 0, NO, 0

65, 0.32, 0, NO, 0

66, 0.32, 0, NO, 0

67, 0.32, 0, NO, 0

68, 0.32, 0, NO, 0

69, 0.32, 0, NO, 0

70, 0.32, 0, NO, 0

71, 0.32, 0, NO, 0

72, 0.32, 0, NO, 0

73, 0.32, 0, YES, 0

74, 0.32, 0, NO, 0

75, 0.32, 0, NO, 0

76, 0.32, 0, NO, 0

77, 0.32, 0, NO, 0

78, 0.32, 0, NO, 0

79, 0.32, 0, NO, 0

80, 0.32, 0, NO, 0

81, 0.32, 0, NO, 0

82, 0.32, 0, NO, 0

83, 0.32, 0, NO, 0

84, 0.32, 0, NO, 0

85, 0.32, 0, NO, 0

86, 0.32, 0, NO, 0

87, 0.32, 0, NO, 0

88, 0.32, 0, NO, 0

89, 0.32, 0, YES, 0

90, 0.32, 0, NO, 0

91, 0.32, 0, NO, 0

92, 0.32, 0, NO, 0

93, 0.32, 0, NO, 0

94, 0.32, 0, NO, 0

95, 0.32, 0, NO, 0

96, 0.32, 0, NO, 0

97, 0.32, 0, NO, 0

98, 0.32, 0, NO, 0

99, 0.32, 0, NO, 0

100, 0.32, 0, NO, 0

101, 0.32, 0, NO, 0

102, 0.32, 0, NO, 0

103, 0.32, 0, YES, 0

104, 0.32, 0, NO, 0

105, 0.32, 0, NO, 0

106, 0.32, 0, NO, 0

107, 0.32, 0, NO, 0

108, 0.32, 0, NO, 0

109, 0.32, 0, NO, 0

110, 0.32, 0, NO, 0

111, 0.32, 0, NO, 0

112, 0.32, 0, NO, 0

113, 0.32, 0, NO, 0

114, 0.32, 0, NO, 0

NAME=T2, CROSS, Lateral, 0, 0, FORWARD, 3, 1.85, NO

58, -2.8, 0, YES, 0

59, -2.8, 0, NO, 0

60, -2.8, 0, NO, 0

61, -2.8, 0, NO, 0

62, -2.8, 0, NO, 0

63, -2.8, 0, NO, 0

64, -2.8, 0, NO, 0

65, -2.8, 0, NO, 0

66, -2.8, 0, NO, 0

67, -2.8, 0, NO, 0

68, -2.8, 0, NO, 0

69, -2.8, 0, NO, 0

70, -2.8, 0, NO, 0

71, -2.8, 0, NO, 0

72, -2.8, 0, NO, 0

73, -2.8, 0, YES, 0

74, -2.8, 0, NO, 0

75, -2.8, 0, NO, 0

76, -2.8, 0, NO, 0

77, -2.8, 0, NO, 0

78, -2.8, 0, NO, 0

79, -2.8, 0, NO, 0

80, -2.8, 0, NO, 0

81, -2.8, 0, NO, 0

82, -2.8, 0, NO, 0

83, -2.8, 0, NO, 0

84, -2.8, 0, NO, 0

85, -2.8, 0, NO, 0

86, -2.8, 0, NO, 0

87, -2.8, 0, NO, 0

88, -2.8, 0, NO, 0

89, -2.8, 0, YES, 0

90, -2.8, 0, NO, 0

91, -2.8, 0, NO, 0

92, -2.8, 0, NO, 0

93, -2.8, 0, NO, 0

94, -2.8, 0, NO, 0

95, -2.8, 0, NO, 0

96, -2.8, 0, NO, 0

97, -2.8, 0, NO, 0

98, -2.8, 0, NO, 0

99, -2.8, 0, NO, 0

100, -2.8, 0, NO, 0

101, -2.8, 0, NO, 0

102, -2.8, 0, NO, 0

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60, -2.888, 0.168, NO, 0

61, -2.888, 0.168, NO, 0

62, -2.888, 0.168, NO, 0

63, -2.888, 0.168, NO, 0

64, -2.888, 0.168, NO, 0

65, -2.888, 0.168, NO, 0

66, -2.888, 0.168, NO, 0

67, -2.888, 0.168, NO, 0

68, -2.888, 0.167, NO, 0

69, -2.888, 0.167, NO, 0

70, -2.888, 0.167, NO, 0

71, -2.888, 0.167, NO, 0

72, -2.888, 0.167, NO, 0

73, -2.888, 0.167, YES, 0

74, -2.888, 0.167, NO, 0

75, -2.888, 0.167, NO, 0

76, -2.888, 0.167, NO, 0

77, -2.888, 0.167, NO, 0

78, -2.888, 0.167, NO, 0

79, -2.888, 0.167, NO, 0

80, -2.888, 0.167, NO, 0

81, -2.888, 0.167, NO, 0

82, -2.888, 0.167, NO, 0

83, -2.888, 0.167, NO, 0

84, -2.888, 0.167, NO, 0

85, -2.888, 0.167, NO, 0

86, -2.888, 0.167, NO, 0

87, -2.888, 0.167, NO, 0

88, -2.888, 0.167, NO, 0

89, -2.888, 0.167, YES, 0

90, -2.888, 0.167, NO, 0

91, -2.888, 0.167, NO, 0

92, -2.888, 0.167, NO, 0

93, -2.888, 0.167, NO, 0

94, -2.888, 0.167, NO, 0

95, -2.888, 0.167, NO, 0

96, -2.888, 0.167, NO, 0

97, -2.888, 0.167, NO, 0

98, -2.888, 0.167, NO, 0

99, -2.888, 0.177, NO, 0

100, -2.888, 0.177, NO, 0

101, -2.888, 0.177, NO, 0

102, -2.888, 0.177, NO, 0

103, -2.888, 0.177, YES, 0

104, -2.888, 0.177, NO, 0

105, -2.888, 0.177, NO, 0

106, -2.888, 0.177, NO, 0

107, -2.888, 0.189, NO, 0

108, -2.888, 0.189, NO, 0

109, -2.888, 0.189, NO, 0

110, -2.888, 0.189, NO, 0

111, -2.888, 0.189, NO, 0

112, -2.888, 0.189, NO, 0

113, -2.888, 0.189, NO, 0

114, -2.888, 0.189, NO, 0

NAME=R3, LANE, , 0, 0, BOTH, 3, 1.8, NO

58, 0.278, 0.168, YES, 0

59, 0.278, 0.168, NO, 0

60, 0.278, 0.168, NO, 0

61, 0.278, 0.168, NO, 0

62, 0.278, 0.168, NO, 0

63, 0.278, 0.168, NO, 0

64, 0.278, 0.168, NO, 0

65, 0.278, 0.168, NO, 0

66, 0.278, 0.168, NO, 0

67, 0.278, 0.168, NO, 0

68, 0.278, 0.167, NO, 0

69, 0.278, 0.167, NO, 0

70, 0.278, 0.167, NO, 0

71, 0.278, 0.167, NO, 0

72, 0.278, 0.167, NO, 0

73, 0.278, 0.167, YES, 0

74, 0.278, 0.167, NO, 0

75, 0.278, 0.167, NO, 0

76, 0.278, 0.167, NO, 0

77, 0.278, 0.167, NO, 0

78, 0.278, 0.167, NO, 0

79, 0.278, 0.167, NO, 0

80, 0.278, 0.167, NO, 0

81, 0.278, 0.167, NO, 0

82, 0.278, 0.167, NO, 0

83, 0.278, 0.167, NO, 0

84, 0.278, 0.167, NO, 0

85, 0.278, 0.167, NO, 0

86, 0.278, 0.167, NO, 0

87, 0.278, 0.167, NO, 0

88, 0.278, 0.167, NO, 0

89, 0.278, 0.167, YES, 0

90, 0.278, 0.167, NO, 0

91, 0.278, 0.167, NO, 0

92, 0.278, 0.167, NO, 0

93, 0.278, 0.167, NO, 0

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103, -2.8, 0, YES, 0

104, -2.8, 0, NO, 0

105, -2.8, 0, NO, 0

106, -2.8, 0, NO, 0

107, -2.8, 0, NO, 0

108, -2.8, 0, NO, 0

109, -2.8, 0, NO, 0

110, -2.8, 0, NO, 0

111, -2.8, 0, NO, 0

112, -2.8, 0, NO, 0

113, -2.8, 0, NO, 0

114, -2.8, 0, NO, 0

NAME=T3, LANE, , 0, 0, FORWARD, 3, 1.85, NO

1, -0.33, 0, YES, 0

2, -0.33, 0, NO, 0

3, -0.33, 0, NO, 0

4, -0.33, 0, NO, 0

5, -0.33, 0, NO, 0

6, -0.33, 0, NO, 0

7, -0.33, 0, NO, 0

8, -0.33, 0, NO, 0

9, -0.33, 0, NO, 0

10, -0.33, 0, NO, 0

11, -0.33, 0, NO, 0

12, -0.33, 0, NO, 0

13, -0.33, 0, NO, 0

14, -0.33, 0, NO, 0

15, -0.33, 0, NO, 0

16, -0.33, 0, YES, 0

17, -0.33, 0, NO, 0

18, -0.33, 0, NO, 0

19, -0.33, 0, NO, 0

20, -0.33, 0, NO, 0

21, -0.33, 0, NO, 0

22, -0.33, 0, NO, 0

23, -0.33, 0, NO, 0

24, -0.33, 0, NO, 0

25, -0.33, 0, NO, 0

26, -0.33, 0, NO, 0

27, -0.33, 0, NO, 0

28, -0.33, 0, NO, 0

29, -0.33, 0, NO, 0

30, -0.33, 0, NO, 0

31, -0.33, 0, NO, 0

32, -0.33, 0, YES, 0

33, -0.33, 0, NO, 0

34, -0.33, 0, NO, 0

35, -0.33, 0, NO, 0

36, -0.33, 0, NO, 0

37, -0.33, 0, NO, 0

38, -0.33, 0, NO, 0

39, -0.33, 0, NO, 0

40, -0.33, 0, NO, 0

41, -0.33, 0, NO, 0

42, -0.33, 0, NO, 0

43, -0.33, 0, NO, 0

44, -0.33, 0, NO, 0

45, -0.33, 0, NO, 0

46, -0.33, 0, YES, 0

47, -0.33, 0, NO, 0

48, -0.33, 0, NO, 0

49, -0.33, 0, NO, 0

50, -0.33, 0, NO, 0

51, -0.33, 0, NO, 0

52, -0.33, 0, NO, 0

53, -0.33, 0, NO, 0

54, -0.33, 0, NO, 0

55, -0.33, 0, NO, 0

56, -0.33, 0, NO, 0

57, -0.33, 0, NO, 0

*LSUPPORT ; Lane Supports - Negative Moments at Interior Piers

; iTYPE, ELEM_LIST, POSITION ; (When iTYPE=0)

; iTYPE, GRUP-NAME ; (When iTYPE=1)

0, 16 32 46 73 89 103, END-I

0, 15 31 45 72 88 102, END-J

*VEHICLE ; Vehicles

; if Moving Load Code is China

; NAME=NAME, 1, TYPE-NAME, CODE ; standard

; NAME=NAME, 2, LTYPE, [TRUCK/LANE] or [TRAIN/SUBWAY] or [CROWD] ; user: line 1

; LOAD1, DIST1, LOAD2, DIST2, ... ; user: from line 2

; [TRUCK/LANE] : 1, P, Qm, Qq ; truck(JTG)

; [TRUCK/LANE] : 2, P, Qm, Qq ; lane load1

; [TRUCK/LANE] : 3, Qk, Pk1, L1, Pk2, L2 ; lane load2

; [TRUCK/LANE] : 4, dW, dD ; crawler type

; [TRUCK/LANE] : 5 ; GC type load

; [TRAIN/SUBWAY] : iTYPE, W1, D1, W2, D2 ; train-type1,3

; [TRAIN/SUBWAY] : iTYPE, DD, FD, BD, MAINCOUNT ; train-type2

; [TRAIN/SUBWAY] : 4, P1, D1, P2, D2, P3, D3, P4, dD, Po, n, IFR ; subway

; [CROWD] : 1, dW1 ; crowd-type1

; [CROWD] : 2, dW1, dL1, dW2, dL2, WIDTH ; crowd-type2

; if Moving Load Type is India

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```

NAME=DL-24, 1, DL-24, 0, KS-RB
NAME=Dump, 2, NO, 0, 0, 0, 0
61, 3,2, 101.05, 1,3, 101.05, 1,3

*MVLDCase ; Moving Load Cases
; NAME=NAME, bLCPV, SCALE1, SCALE2, SCALE3, SCALE4, SCALE5, SCALE6, COMB, DESC, LCOM, SERIAL ; 1st line
e
; nLTYPE, 2LFACTOR1, 2LFACTOR2, 3LFACTOR1, 3LFACTOR2, 3LFACTOR3, 3LFACTOR4 ; 2st line
; TYPE1, VCLASS1, SCALE1, iMIN1, iMAX1, LANe11, LANe12, ... ; 3nd line
; ... ; ...
; TYPEn, VCLASSn, SCALEn, iMINn, iMAXn, LANen1, LANen2, ... ; n+1th line
; NAME=NAME, bLCPV, VEHICLE, REFLANE, ECCEN, SCALE, DESC ; Permit
NAME=MV, NO, 1, 1, 0,9, 0,75, 0,75, 0,75, INDEPENDENT, , 0, 1
1, 1, 1, 1, 1, 0,5, 0,25
VL, DB-24, 1, 1, 3, L1, L2, L3
VL, DB-24, 1, 1, 3, R1, R2, R3
VL, DL-24, 1, 1, 3, L1, L2, L3
VL, DL-24, 1, 1, 3, R1, R2, R3
NAME=LC1, NO, 1, 1, 0,9, 0,75, 0,75, 0,75, INDEPENDENT, , 0, 2
1, 1, 1, 1, 1, 0,5, 0,25
VL, Dump, 1, 1, 1, T1
NAME=LC2, NO, 1, 1, 0,9, 0,75, 0,75, 0,75, INDEPENDENT, , 0, 3
1, 1, 1, 1, 1, 0,5, 0,25
VL, Dump, 1, 1, 1, T2
NAME=LC3, NO, 1, 1, 0,9, 0,75, 0,75, 0,75, INDEPENDENT, , 0, 4
1, 1, 1, 1, 1, 0,5, 0,25
VL, Dump, 1, 1, 1, T3

*COMPBOLC ; Pre-Combined Load Cases for Composite Section
; LCNAME1, LCNAME2, ..., LCNAMEn
Deck, Self Weight

*LOADCOMB ; Combinations
; NAME=NAME, KIND, ACTIVE, bES, iTYPE, DESC, iSERV-TYPE, nLCOMTYPE ; line 1
; ANAL1, LCNAME1, FACT1, ... ; from line 2
NAME=ALL, GEN, ACTIVE, 0, 0, , 0, 0
ST, Self Weight, 1, ST, Deck, 1, ST, 2nd Dead, 1, MV, MV, 1
NAME=DL(BC), GEN, ACTIVE, 0, 0, , 0, 0
ST, Self Weight, 1, ST, Deck, 1
NAME=DL(AC), GEN, ACTIVE, 0, 0, , 0, 0
ST, 2nd Dead, 1
NAME=LL, GEN, ACTIVE, 0, 0, , 0, 0
MV, MV, 1
NAME=K, GEN, ACTIVE, 0, 0, , 0, 0
ST, Unit, 1

*LC-COLOR ; Diagram Color for Load Case

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```

; ANAL, LCNAME, iR1(ALL), iG1(ALL), iB1(ALL), iR2(MIN), iG2(MIN), iB2(MIN), iR3(MAX), iG2(MAX), iB2(MAX)
ST, Self Weight, 192, 0, 128, 255, 255, 87, 255, 192, 87
ST, Deck, 0, 192, 128, 128, 192, 0, 78, 0, 255
ST, 2nd Dead, 255, 255, 255, 212, 160, 255, 192, 0, 128
ST, Unit, 255, 0, 192, 0, 128, 192, 192, 192, 192, 192
MV, MV, 192, 128, 0, 255, 87, 87, 255, 192, 87
CB, DL(BC), 0, 128, 255, 212, 160, 255, 93, 255, 87
CB, DL(AC), 0, 128, 128, 192, 192, 192, 0, 192, 192
CB, LL, 0, 192, 192, 192, 192, 192, 255, 192, 87
CB, ALL, 0, 128, 57, 93, 255, 87, 160, 255, 255
CB, K, 192, 128, 0, 192, 128, 0, 255, 192, 87
MV, LC1, 192, 128, 0, 85, 192, 0, 0, 128, 57
MV, LC2, 0, 128, 192, 0, 128, 128, 255, 160, 255
MV, LC3, 255, 160, 255, 0, 192, 128, 78, 0, 255
ST, MVminLC1Dz64, 192, 192, 0, 148, 87, 255, 0, 128, 255

*EIGEN-CTRL      ; Eigenvalue Analysis Control
; TYPE, iFREQ, iITER, iDIM, TOL, bMINMAX, FRMIN, FRMAX, bSTRUM      ; TYPE=EIGEN
; TYPE, bINCNL, iGNUM                                           ; TYPE=RITZ(line 1)
;          KIND1, CASE1/GROUND1, iNOG1, ...                      ; TYPE=RITZ(from line2)
; LANCZOS, 10, 20, 1, 1e-010, NO, 0, 0, NO

```

[illegible]

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,0, 0, 0,0, 0, 0,0.0000e+000, 0,, 0, 0,0, 0, 0,0, 0, 0,0, 0, 0,0, 0, 0,

*SECTION MANAGER-GROUP & PART ; Section Manager - Group & Part
; SECT = NO, bSAMEJ ; line 1
; GRPDJSIZE, GRPDJSIZE, PARTISIZE, PARTJSIZE ; line 2
;
; LOOP UTIL (GRPDJSIZE, GRPDJSIZE) ;
; GROUPID, GROUPNAME, GROUPTYPE ; line n
;
; LOOP UTIL (PARTISIZE, PARTJSIZE) ;
; PARTTYPE, GROUPID, PARTNAME, PARTSHAPE, bSTIFFENER ; line n
; LINESIZE, LINEINDEX[i]..... ; line n
;
SECT=1, YES
0, 0, 0, 0
SECT=2, YES
0, 0, 0, 0
SECT=3, YES
0, 0, 0, 0
SECT=4, YES
0, 0, 0, 0
SECT=5, YES
0, 0, 0, 0
SECT=6, YES
0, 0, 0, 0
SECT=7, YES
0, 0, 0, 0
SECT=8, YES
0, 0, 0, 0
SECT=9, YES
0, 0, 0, 0
SECT=10, YES
0, 0, 0, 0
SECT=11, YES
0, 0, 0, 0
SECT=12, YES
0, 0, 0, 0
SECT=13, YES
0, 0, 0, 0

*SECTION MANAGER-STIFFENER ; Section Manager - Stiffener
; SECT = NO, bSAMEJ ; line 1
; STFNJSIZE, STFNJSIZE ; line 2
;
; LOOP UTIL (STFNJSIZE, STFNJSIZE) ;
; TYPE, Z, STANDREF, POSLINE, STANDREFL, NUM, CTC ; line n
; STIFFTYPE, dSIZE(0 ~ 20) ; line n

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; LINESIZE, LINEINDEX[i]..... ; line n
;
SECT=1, YES
0, 0
SECT=2, YES
0, 0
SECT=3, YES
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SECT=13, YES
0, 0

*ENDDATA

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