

MIDAS

PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방형(부산)

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;-----
; MIDAS/Civil Text(MCT) File.
; Date : 2016/1/18
;-----

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*VERSION

8.4.5

*UNIT : Unit System

; FORCE, LENGTH, HEAT, TEMPER
KN , M, KCAL, C

*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, 0, 0
2, 2.5, 0, 0
3, 5, 0, 0
4, 7.5, 0, 0
5, 10, 0, 0
6, 12.5, 0, 0
7, 15, 0, 0
8, 17.5, 0, 0
9, 20, 0, 0
10, 22.5, 0, 0
11, 25, 0, 0
12, 27.5, 0, 0
13, 30, 0, 0
14, 32.5, 0, 0
15, 35, 0, 0
16, 37.5, 0, 0
17, 40, 0, 0
18, 42.5, 0, 0
19, 45, 0, 0
20, 47.5, 0, 0
21, 50, 0, 0
22, 52.5, 0, 0
23, 55, 0, 0
24, 57.5, 0, 0
25, 60, 0, 0
26, 62.5, 0, 0
27, 65, 0, 0

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28, 67.5, 0, 0
29, 70, 0, 0
30, 72.5, 0, 0
31, 75, 0, 0
32, 77.5, 0, 0
33, 80, 0, 0
34, 82.5, 0, 0
35, 85, 0, 0
36, 87.5, 0, 0
37, 90, 0, 0
38, 92.5, 0, 0
39, 95, 0, 0
40, 97.5, 0, 0
41, 100, 0, 0
42, 102.5, 0, 0
43, 105, 0, 0
44, 107.5, 0, 0
45, 110, 0, 0
46, 112.5, 0, 0
47, 115, 0, 0
48, 117.5, 0, 0
49, 120, 0, 0
50, 122.5, 0, 0
51, 125, 0, 0
52, 127.5, 0, 0
53, 130, 0, 0
54, 132.5, 0, 0
55, 135, 0, 0
56, 137.5, 0, 0
57, 140, 0, 0
58, 142.5, 0, 0
59, 145, 0, 0
60, 147.5, 0, 0
61, 150, 0, 0
62, 152.5, 0, 0
63, 155, 0, 0
64, 157.5, 0, 0
65, 160, 0, 0
66, 0, 3.95, -2.95
67, 0, 0, -2.95
68, 0, -3.95, -2.95
69, 50, 3.95, -2.95
70, 50, 0, -2.95
71, 50, -3.95, -2.95
72, 110, 2.946, -2.95

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73, 110, 0, -2.95
 74, 110, -2.946, -2.95
 75, 160, 2.15, -2.95
 77, 160, -2.15, -2.95

*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, 1, 4, 5, 0, 0
 5, BEAM , 1, 1, 5, 6, 0, 0
 6, BEAM , 1, 1, 6, 7, 0, 0
 7, BEAM , 1, 1, 7, 8, 0, 0
 8, BEAM , 1, 1, 8, 9, 0, 0
 9, BEAM , 1, 1, 9, 10, 0, 0
 10, BEAM , 1, 1, 10, 11, 0, 0
 11, BEAM , 1, 1, 11, 12, 0, 0
 12, BEAM , 1, 1, 12, 13, 0, 0
 13, BEAM , 1, 1, 13, 14, 0, 0
 14, BEAM , 1, 1, 14, 15, 0, 0
 15, BEAM , 1, 1, 15, 16, 0, 0
 16, BEAM , 1, 1, 16, 17, 0, 0
 17, BEAM , 1, 1, 17, 18, 0, 0
 18, BEAM , 1, 1, 18, 19, 0, 0
 19, BEAM , 1, 1, 19, 20, 0, 0
 20, BEAM , 1, 1, 20, 21, 0, 0
 21, BEAM , 1, 3, 21, 22, 0, 0
 22, BEAM , 1, 3, 22, 23, 0, 0
 23, BEAM , 1, 3, 23, 24, 0, 0
 24, BEAM , 1, 3, 24, 25, 0, 0
 25, BEAM , 1, 3, 25, 26, 0, 0
 26, BEAM , 1, 3, 26, 27, 0, 0
 27, BEAM , 1, 3, 27, 28, 0, 0
 28, BEAM , 1, 3, 28, 29, 0, 0
 29, BEAM , 1, 3, 29, 30, 0, 0
 30, BEAM , 1, 3, 30, 31, 0, 0
 31, BEAM , 1, 3, 31, 32, 0, 0
 32, BEAM , 1, 3, 32, 33, 0, 0
 33, BEAM , 1, 3, 33, 34, 0, 0

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34, BEAM , 1, 3, 34, 35, 0, 0
 35, BEAM , 1, 3, 35, 36, 0, 0
 36, BEAM , 1, 3, 36, 37, 0, 0
 37, BEAM , 1, 3, 37, 38, 0, 0
 38, BEAM , 1, 3, 38, 39, 0, 0
 39, BEAM , 1, 3, 39, 40, 0, 0
 40, BEAM , 1, 3, 40, 41, 0, 0
 41, BEAM , 1, 3, 41, 42, 0, 0
 42, BEAM , 1, 3, 42, 43, 0, 0
 43, BEAM , 1, 3, 43, 44, 0, 0
 44, BEAM , 1, 3, 44, 45, 0, 0
 45, BEAM , 1, 3, 45, 46, 0, 0
 46, BEAM , 1, 3, 46, 47, 0, 0
 47, BEAM , 1, 3, 47, 48, 0, 0
 48, BEAM , 1, 3, 48, 49, 0, 0
 49, BEAM , 1, 3, 49, 50, 0, 0
 50, BEAM , 1, 3, 50, 51, 0, 0
 51, BEAM , 1, 3, 51, 52, 0, 0
 52, BEAM , 1, 3, 52, 53, 0, 0
 53, BEAM , 1, 3, 53, 54, 0, 0
 54, BEAM , 1, 3, 54, 55, 0, 0
 55, BEAM , 1, 3, 55, 56, 0, 0
 56, BEAM , 1, 3, 56, 57, 0, 0
 57, BEAM , 1, 3, 57, 58, 0, 0
 58, BEAM , 1, 3, 58, 59, 0, 0
 59, BEAM , 1, 3, 59, 60, 0, 0
 60, BEAM , 1, 3, 60, 61, 0, 0
 61, BEAM , 1, 3, 61, 62, 0, 0
 62, BEAM , 1, 3, 62, 63, 0, 0
 63, BEAM , 1, 3, 63, 64, 0, 0
 64, BEAM , 1, 3, 64, 65, 0, 0

*GROUP ; Group

; NAME, NODE_LIST, ELEM_LIST, PLANE_TYPE
 MG-1 , 40to65 72to75 77, 40to64, 0
 MG-2 , 17to39 69to71, 16to39, 0
 MG-3 , 1to15 66to68, 1to15, 0
 all , 1to65, 1to64, 0

*BNDR-GROUP ; Boundary Group

; NAME, AUTOTYPE
 BG-1, 356575488
 BG-2, 356575488
 BG-3, 356575488

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*LOAD-GROUP : Load Group

; NAME
Self
2nd Dead
PS-1
PS-2
PS-3
Diaphragm1
Diaphragm2
Diaphragm3

*MATERIAL : Material

; iMAT, TYPE, MNAME, SPHEAT, HEATCO, PLAST, TUNIT, bMASS, DAMPRATIO, [DATA1]
; STEEL, CONC, USER
; iMAT, TYPE, MNAME, SPHEAT, HEATCO, PLAST, TUNIT, bMASS, DAMPRATIO, [DATA2], [DATA2]
; SRC
; [DATA1] : 1, DB, NAME, CODE
; [DATA1] : 2, ELAST, POISN, THERMAL, DEN, MASS
; [DATA1] : 3, Ex, Ey, Ez, Tx, Ty, Tz, Sxy, Sxz, Syz, Pxy, Pxz, Pyz, DEN, MASS : Ort
hotropic
; [DATA2] : 1, DB, NAME, CODE or 2, ELAST, POISN, THERMAL, DEN, MASS
1, CONC , C40 , 0, 0, , C, NO, 0.05, 1, KS01-Civil(RC), KCI-2007 ,
C40
2, USER , Tendon , 0, 0, , C, NO, 0, 2, 2.0000e+008, 0, 0.0000e+000
, 78.5, 0

*MATL-COLOR

; iMAT, W_R, 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

*TDM-TYPE : Time Dependent Material

; NAME=NAME, CODE, STR, HU, VOL, AGE, CFACTA, CFACTB, TYPE, [ACI1 or ACI2] : CODE=
ACI
; NAME=NAME, CODE, STR, HU, MSIZE, CTYPE, AGE : CODE=
CEB1990.KS,CEB1978.KSCE 2010,KCI-USD12
; NAME=NAME, CODE, N1, PHI1, N2, PHI2 : CODE=
MEM
; NAME=NAME, CODE, STR, HU, USS, UCS, VOL, RR, MOD : CODE=
PCA
; NAME=NAME, CODE, STR, HU, VOL, UCS, VSR1, LAF, US, VSR, PST, bRCE, RR, MOD : CODE=
COMBINED
; NAME=NAME, CODE, STR, HTYPE, HU, MSIZE, CTYPE, AGE, CM : CODE=
JAPAN
; NAME=NAME, CODE, ELAST, HU, VOL, CC, WC, AGE : CODE=

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JSCE

; NAME=NAME, CODE, STR, HTYPE, HU, MSIZE, AGE : CODE=
CHINA
; NAME=NAME, CODE, STR, HU, MSIZE, BSC, AGE : CODE=
JTG
; NAME=NAME, CODE, STR, HU, VSR, AGE, bEXPOSE : CODE=
AASHTO
; NAME=NAME, CODE, STR, HU, MSIZE, AGE : CODE=
INDIA(IRC:18-2000)
; NAME=NAME, CODE, STR, HU, MSIZE, CTYPE, AGE, TCode, bSILICA : CODE=
European
; NAME=NAME, CODE, STR, HU, AGE, M, CMETH, CTYPE, CREEP, CONCT, W, MAXS, A, PZ : CODE=
Russian
; NAME=NAME, CODE, bSSF, SSFNAME : CODE=
USER(line1)
; CREEPFUNC1, AGE1, CREEPFUNC2, AGE2, ... ;
USER(from line 2)
; [ACI1] : CURE, SLUMP, FAP, AIR, CC
; [ACI2] : UCC, USS
NAME=Creep & Shrinkage, KCI-USD12, 40000, 70, 0.364, NR, 3, 0

*TDM-ELAST : Time Dependent Material(Comp. Strength)

; NAME=NAME, TYPE, CODE, STRENGTH, A, B : TYPE=CODE(Korean St
andard, ACI)
; NAME=NAME, TYPE, CODE, STRENGTH, iCTYPE : TYPE=CODE(CEB-FIP,
Ohzagi)
; NAME=NAME, TYPE, CODE, STRENGTH : TYPE=CODE(Chinese S
tandard)
; NAME=NAME, TYPE, CODE, STRENGTH, bUSE, [DATA] : TYPE=CODE(Japan(Hyd
ration))
; NAME=NAME, TYPE, CODE, STRENGTH, iTYPE : TYPE=CODE(Japan(Ela
stic))
; NAME=NAME, TYPE, CODE, STRENGTH : TYPE=CODE(INDIA(IRC
:18-2000))
; NAME=NAME, TYPE, CODE, STRENGTH, iCTYPE : TYPE=CODE(European)

; NAME=NAME, TYPE, CODE, STRENGTH, : TYPE=CODE(CEB-FIP(1
978))
; NAME=NAME, TYPE, CODE, STRENGTH, TYPE, CMETH, CTYPE, MAXS, PZ : TYPE=CODE(Russian))

; NAME=NAME, TYPE, SCALE : TYPE=USER(line 1)
; DAY1, COMP1, TENS1, ELAST1, DAY2, COMP2, ... : USER(from line
2)
; [DATA] : A, B, D, TSF or iCTYPE, TSF
NAME=Com. Strength, CODE, CEB-FIP(1990), 40000, 2

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*TDM-LINK : Time Dependent Material Link
; iMAT, TDM-TYPE1(CREEP/SHRINKAGE), TDM-TYPE2(ELASTICITY)
1, Creep & Shrinkage, Com. Strength

*SECTION : Section
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, [DATA1], [DATA2] ; 1st l
ine - DB/USER
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, BLT, D1, ..., D8, iCEL ; 1st l
ine - VALUE
; AREA, ASy, ASz, lxx, lyy, lzz ; 2nd l
ine
; CyP, CyM, CzP, CzM, QyB, QzB, PERI_OUT, PERI_IN, Cy, Cz ; 3rd l
ine
; Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy, Zzz ; 4th l
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, POIC, SF, THERMAL ; 1st l
ine - SRC
; D1, D2, [SRC] ; 2nd l
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 1, DB, NAME1, NAME2, D1, D2 ; 1st l
ine - COMBINED
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 2, D11, D12, D13, D14, D15, D21, D22, D23,
D24
; iSEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, iyVAR, izVAR, STYPE ; 1st l
ine - TAPERED
; DB, NAME1, NAME2 ; 2nd l
ine(STYPE=DB)
; [DIM1], [DIM2] ; 2nd l
ine(STYPE=USER)
; D11, D12, D13, D14, D15, D16, D17, D18 ; 2nd l
ine(STYPE=VALUE)
; AREA1, ASy1, ASz1, lxx1, lyy1, lzz1 ; 3rd l
ine(STYPE=VALUE)
; CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1 ; 4th l
ine(STYPE=VALUE)
; Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2 ; 5th l
ine(STYPE=VALUE)
; D21, D22, D23, D24, D25, D26, D27, D28 ; 6th l
ine(STYPE=VALUE)
; AREA2, ASy2, ASz2, lxx2, lyy2, lzz2 ; 7th l
ine(STYPE=VALUE)
; CyP2, CyM2, CzP2, CzM2, QyB2, QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2 ; 8th l
ine(STYPE=VALUE)

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; Y21, Y22, Y23, Y24, Z21, Z22, Z23, Z24, Zyy2, Zzz2 ; 9th l
ine(STYPE=VALUE)
; OPT1, OPT2, [JOINT] ; 2nd l
ine(STYPE=PSC)
; ELAST, DEN, POIS, POIC, THERMAL ; 2nd l
ine(STYPE=PSC-CMPW)
; bSHEARCHK, [SCHK-I], [SCHK-J], [WT-I], [WT-J], WI, WJ, bSYM, bSIDEHOLE ; 3rd l
ine(STYPE=PSC)
; bSHEARCHK, bSYM, bHUNCH, [CMPWEB-I], [CMPWEB-J] ; 3rd l
ine(STYPE=PSC-CMPW)
; bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF-I], [STIFF-J] ; 4th l
ine(STYPE=PSC)
; [SIZE-A]-i ; 5th l
ine(STYPE=PSC)
; [SIZE-B]-i ; 6th l
ine(STYPE=PSC)
; [SIZE-C]-i ; 7th l
ine(STYPE=PSC)
; [SIZE-D]-i ; 8th l
ine(STYPE=PSC)
; [SIZE-A]-j ; 9th l
ine(STYPE=PSC)
; [SIZE-B]-j ; 10th
line(STYPE=PSC)
; [SIZE-C]-j ; 11th
line(STYPE=PSC)
; [SIZE-D]-j ; 12th
line(STYPE=PSC)
; GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMULTI, EsEc-L, EsEc-S ; 2nd l
ine(STYPE=CMP-B/I)
; SW_i, Hw_i, tw_i, B_i, Bf1_i, tf1_i, B2_i, Bf2_i, tf2_i ; 3rd l
ine(STYPE=CMP-B/I)
; SW_j, Hw_j, tw_j, B_j, Bf1_j, tf1_j, B2_j, Bf2_j, tf2_j ; 4th l
ine(STYPE=CMP-B/I)
; N1, N2, Hr, Hr2, tr1, tr2 ; 5th l
ine(STYPE=CMP-B)
; GN, CTC, Bc, Tc, Hh, EgDsb, DgdDsb, Pgd, Psb, bSYM, SW_i, SW_j ; 2nd l
ine(STYPE=CMP-CI/CT)
; OPT1, OPT2, [JOINT] ; 3rd l
ine(STYPE=CMP-CI/CT)
; [SIZE-A]-i ; 4th l
ine(STYPE=CMP-CI/CT)
; [SIZE-B]-i ; 5th l
ine(STYPE=CMP-CI/CT)
; [SIZE-C]-i ; 6th l

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ine(STYPE=CMP-CI/CT)
; [SIZE-D]-i ; 7th I
ine(STYPE=CMP-CI/CT)
; [SIZE-A]-j ; 8th I
ine(STYPE=CMP-CI/CT)
; [SIZE-B]-j ; 9th I
ine(STYPE=CMP-CI/CT)
; [SIZE-C]-j ; 10th
line(STYPE=CMP-CI/CT)
; [SIZE-D]-j ; 11th
line(STYPE=CMP-CI/CT)
; iSEC, TYPE, SNAME, [OFFSET], bSD, STYPE1, STYPE2 ; 1st I
ine - CONSTRUCT
; SHAPE, ...(same with other type data from shape) ; Befor
e (STYPE1)
; SHAPE, ...(same with other type data from shape) ; After
(STYPE2)
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st I
ine - COMPOSITE-SB
; Hw, tw, B, Bf1, tf1, B2, Bf2, tf2 ; 2nd I
ine
; N1, N2, Hr, Hr2, tr1, tr2 ; 3rd I
ine
; SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh ; 4th I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st I
ine - COMPOSITE-SI
; Hw, tw, B, tf1, B2, tf2 ; 2nd I
ine
; SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh ; 3rd I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st I
ine - COMPOSITE-CI/CT
; OPT1, OPT2, [JOINT] ; 2nd I
ine
; [SIZE-A] ; 3rd I
ine
; [SIZE-B] ; 4th I
ine
; [SIZE-C] ; 5th I
ine
; [SIZE-D] ; 6th I
ine
; SW, GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb ; 7th I
ine

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; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st I
ine - PSC
; OPT1, OPT2, [JOINT] ; 2nd I
ine
; bSHEARCHK, [SCHK], [WT], WIDTH, bSYM, bSIDEHOLE ; 3rd I
ine
; bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF] ; 4th I
ine
; [SIZE-A] ; 5th I
ine
; [SIZE-B] ; 6th I
ine
; [SIZE-C] ; 7th I
ine
; [SIZE-D] ; 8th I
ine
; [DATA1] : 1, DB, NAME or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10
; [DATA2] : CCSHAPE or iCELL or iN1, iN2
; [SRC] : 1, DB, NAME1, NAME2 or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, iN1, iN2

; [DIM1], [DIM2] : D1, D2, D3, D4, D5, D6, D7, D8
; [OFFSET] : OFFSET, iCENT, iREF, iHORZ, HUSER, iVERT, VUSER
; [OFFSET2] : OFFSET, iCENT, iREF, iHORZ, HUSERJ, iVERT, VUSERJ, VUSERI, VUSERJ
; [JOINT] : 8(1CELL, 2CELL), 13(3CELL), 9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB), 0(nCE
LL), 2(nCEL2)
; [SIZE-A] : 6(1CELL, 2CELL), 10(3CELL), 10(PSCM), 6(PSCH), 8(PSCT), 10(PSCB), 5(nCE
LL), 11(nCEL2)
; [SIZE-B] : 6(1CELL, 2CELL), 12(3CELL), 6(PSCM), 6(PSCH), 8(PSCT), 6(PSCB), 8(nCE
LL), 18(nCEL2)
; [SIZE-C] : 10(1CELL, 2CELL), 13(3CELL), 9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB), 0(nCE
LL), 11(nCEL2)
; [SIZE-D] : 8(1CELL, 2CELL), 13(3CELL), 6(PSCM), 7(PSCH), 8(PSCT), 5(PSCB), 0(nCE
LL), 18(nCEL2)
; [STIFF] : AREA, ASy, ASz, lxx, lyy, lzz
; [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, PSC , B-B , CT, 0, 0, 0, 0, 0, 0, YES, 2CEL
, , NO, YES, NO, YES, YES, YES, YES, YES
YES, YES, 2.5, YES, 0.45, YES, 0, YES, 0, YES, 0, YES, 0, 0.258, YES, NO
NO, , NO, , , , ,
0.258, 0.227, 0, 0, 2.465, 0
2.745, 0, 1.4, 0.55, 0, 4.6
0.45, 0, -0.17, -0.17, 2.05, 0.8, 0, -0.2, -0.2, 0.45
4.45, 1.2, 3.45, 4.45, 4.186, 0.776, 3.553, 0.2

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*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

*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
    3, NO, 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 I
ine - DB/USER
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, BLT, D1, ..., D8, iCEL ; 1st I
ine - VALUE
; AREA, ASy, ASz, lxx, lyy, lzz ; 2nd I
ine
; CyP, CyM, CzP, CzM, QyB, QzB, PERI_OUT, PERI_IN, Cy, Cz ; 3rd I

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PROJECT TITLE :			
	Company		Client
	Author		File Name 금호강교(FSM)_종방향(부산)

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PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

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; [SIZE-B]-i ; 6th l
ine(STYPE=PSC)
; [SIZE-C]-i ; 7th l
ine(STYPE=PSC)
; [SIZE-D]-i ; 8th l
ine(STYPE=PSC)
; [SIZE-A]-j ; 9th l
ine(STYPE=PSC)
; [SIZE-B]-j ; 10th
line(STYPE=PSC)
; [SIZE-C]-j ; 11th
line(STYPE=PSC)
; [SIZE-D]-j ; 12th
line(STYPE=PSC)
; GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMULTI, EsEc-L, EsEc-S ; 2nd l
ine(STYPE=CMP-B/I)
; SW_i, Hw_i, tw_i, B_i, Bf1_i, tf1_i, B2_i, Bf2_i, tf2_i ; 3rd l
ine(STYPE=CMP-B/I)
; SW_j, Hw_j, tw_j, B_j, Bf1_j, tf1_j, B2_j, Bf2_j, tf2_j ; 4th l
ine(STYPE=CMP-B/I)
; N1, N2, Hr, Hr2, tr1, tr2 ; 5th l
ine(STYPE=CMP-B)
; GN, CTC, Bc, Tc, Hh, EgdBsb, DgdDsb, Pgd, Psb, bSYM, SW_i, SW_j ; 2nd l
ine(STYPE=CMP-CI/CT)
; OPT1, OPT2, [JOINT] ; 3rd l
ine(STYPE=CMP-CI/CT)
; [SIZE-A]-i ; 4th l
ine(STYPE=CMP-CI/CT)
; [SIZE-B]-i ; 5th l
ine(STYPE=CMP-CI/CT)
; [SIZE-C]-i ; 6th l
ine(STYPE=CMP-CI/CT)
; [SIZE-D]-i ; 7th l
ine(STYPE=CMP-CI/CT)
; [SIZE-A]-j ; 8th l
ine(STYPE=CMP-CI/CT)
; [SIZE-B]-j ; 9th l
ine(STYPE=CMP-CI/CT)
; [SIZE-C]-j ; 10th
line(STYPE=CMP-CI/CT)
; [SIZE-D]-j ; 11th
line(STYPE=CMP-CI/CT)
; iSEC, TYPE, SNAME, [OFFSET], bSD, STYPE1, STYPE2 ; 1st l
ine - CONSTRUCT
; SHAPE, ...(same with other type data from shape) ; Befor

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PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

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e (STYPE1)
; SHAPE, ...(same with other type data from shape) ; After
(STYPE2)
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st l
ine - COMPOSITE-SB
; Hw, tw, B, Bf1, tf1, B2, Bf2, tf2 ; 2nd l
ine
; N1, N2, Hr, Hr2, tr1, tr2 ; 3rd l
ine
; SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMULTI, Elong, Esh ; 4th l
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st l
ine - COMPOSITE-SI
; Hw, tw, B, tf1, B2, tf2 ; 2nd l
ine
; SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMULTI, Elong, Esh ; 3rd l
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st l
ine - COMPOSITE-CI/CT
; OPT1, OPT2, [JOINT] ; 2nd l
ine
; [SIZE-A] ; 3rd l
ine
; [SIZE-B] ; 4th l
ine
; [SIZE-C] ; 5th l
ine
; [SIZE-D] ; 6th l
ine
; SW, GN, CTC, Bc, Tc, Hh, EgdBsb, DgdDsb, Pgd, Psb ; 7th l
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st l
ine - PSC
; OPT1, OPT2, [JOINT] ; 2nd l
ine
; bSHEARCHK, [SCHK], [WT], WIDTH, bSYM, bSIDEHOLE ; 3rd l
ine
; bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF] ; 4th l
ine
; [SIZE-A] ; 5th l
ine
; [SIZE-B] ; 6th l
ine
; [SIZE-C] ; 7th l
ine

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PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방항(부산)

; [SIZE-D] ; 8th line
; [DATA1] : 1, DB, NAME or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10
; [DATA2] : CGSHAPE or iCEL or iN1, iN2
; [SRC] : 1, DB, NAME1, NAME2 or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, iN1, iN2

; [DIM1], [DIM2] : D1, D2, D3, D4, D5, D6, D7, D8
; [OFFSET] : OFFSET, iCENT, iREF, iHORZ, HUSER, iVERT, VUSER
; [OFFSET2] : OFFSET, iCENT, iREF, iHORZ, HUSER1, HUSERJ, iVERT, VUSER1, 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, PSC , B-B , CT, 0, 0, 0, 0, 0, 0, YES, 2CEL
 , NO, YES, NO, YES, YES, YES, YES, YES
YES, YES, 2.5, YES, 0.45, YES, 0, YES, 0, YES, 0, YES, 0, 0.258, YES, NO
NO, , NO, , , , ,
0.258, 0.227, 0, 0, 2.465, 0
2.745, 0, 1.4, 0.55, 0, 4.6
0.45, 0, -0.17, -0.17, 2.05, 0.8, 0, -0.2, -0.2, 0.45
4.45, 1.2, 3.45, 4.45, 4.186, 0.776, 3.553, 0.2

2, PSC , 0-0 , CT, 0, 0, 0, 0, 0, 0, YES, 2CEL
 , NO, YES, NO, YES, YES, YES, YES, YES
YES, YES, 2.5, YES, 0.45, YES, 0, YES, 0, YES, 0, YES, 0, 0.258, YES, NO
NO, , NO, , , , ,
0.258, 0.227, 0, 0, 2.465, 0
2.745, 0, 1.4, 0.55, 0, 2.699
0.45, 0, -0.17, -0.17, 2.05, 0.8, 0, -0.2, -0.2, 0.45
2.65, 1.2, 1.65, 2.65, 2.386, 0.8, 1.786, 0.2

3, TAPERED , TAP , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, 2CEL, 1, 1, PS
C
 , NO, YES, NO, YES, YES, YES, YES, YES
YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,

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	Company		Client	
	Author		File Name	금호강교(FSM)_종방항(부산)

YES, 0, YES, 0, YES, 0, 0.258, 0.258, NO, NO
NO, , NO, , , , , , , , , ,
0.258, 0.227, 0, 0, 2.465, 0
2.745, 0, 1.4, 0.55, 0, 4.6
0.45, 0, -0.17, -0.17, 2.05, 0.8, 0, -0.2, -0.2, 0.45
4.45, 1.2, 3.45, 4.45, 4.186, 0.776, 3.553, 0.2

0.258, 0.227, 0, 0, 2.465, 0
2.745, 0, 1.4, 0.55, 0, 2.699
0.45, 0, -0.17, -0.17, 2.05, 0.8, 0, -0.2, -0.2, 0.45
2.65, 1.2, 1.65, 2.65, 2.386, 0.8, 1.786, 0.2

*TS-GROUP : Tapered Section Group
; NAME, ELEM_LIST, ZVAR, ZEXP, ZFROM, ZDIST, YVAR, YEXP, YFROM, YDIST, iSCM
GN, 21to64, LINEAR, , , , LINEAR, , , , 0

*TENDON-GROUP : Tendon Group
; NAME
Web_L1
Web_L2
Web_L3
Web_R1
Web_R2
Web_R3
Web_In1
Web_In2
Web_In3

*TDN-PROPERTY : Tendon Property
; NAME, TYPE, MATL, AREA, DIA, RM, RC, FF, WF, US, YS, LT, ASB, ASE, bBONDED, ALPHA, W

; bOSRF, FT, FPK, ACHANGE, bRELAX
Web_L, INTERNAL, 2, 0.0030514, 0.1, 8, 5, 0.3, 0.0066, 1.88092e+006, 1.5975e+006, P
OST, 0.006, 0.006, YES, 0, , , , 0, NO, 0
Web_In, INTERNAL, 2, 0.0030514, 0.1, 8, 5, 0.3, 0.0066, 1.88092e+006, 1.5975e+006,
POST, 0.006, 0.006, YES, 0, , , , 0, NO, 0
Web_R, INTERNAL, 2, 0.0030514, 0.1, 8, 5, 0.3, 0.0066, 1.88092e+006, 1.5975e+006, P
OST, 0.006, 0.006, YES, 0, , , , 0, NO, 0

*TDN-PROFILE : Tendon Profile
; NAME=NAME, TDN-PROPERTY, ELEM_LIST, BEGIN, END, CURVE, INPUT ; line 1
; GROUP, LENGOPT, BLEN, ELEN, bTP, rNUM ; line 2
; SHAPE, IP_X, IP_Y, IP_Z, AXIS, VX, VY ; line 3(Straight)

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PROJECT TITLE :

	Company		Client	
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; SHAPE, IP_X, IP_Y, IP_Z, RC_X, RC_Y, OFFSET, DIR ; line 3(Curve)
; SHAPE, INS_PT, REF_ELEM, AXIS ; line 3(Element)
; XAR_ANGLE, bPROJECTION, GR_AXIS, GR_ANGLE ; line 4(Straight/Curve)
e)
; XAR_ANGLE, bPROJECTION, OFFSET_Y, OFFSET_Z ; line 4(Element)
; X1, Y1, Z1, bFIX1, RY1, RZ1, RADIUS1 ; from line 5(3D)
; ...
; Xn, Yn, Zn, bFIX1, RY1, RZ1, RADIUSn
; Y=X1, Y1, bFIX1, RZ1, RADIUS1, OPT1, ANGLE1, HGT1, R1 ; from line 5(2D)
; Y=...
; Z=X1, Z1, bFIX1, RZ1, RADIUS1, OPT1, ANGLE1, HGT1, R1
; Z=...
NAME=TIN15, Web_In, 1to15, 0, 0, SPLINE, 3D
Web_In3, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, 0
0, 0, -1.05, NO, 0, 0, 0
6.35, 0, -1.781, NO, 0, 0, 0
13.35, 0, -2.246, NO, 0, 0, 0
21.35, 0, -2.35, NO, 0, 0, 0
26.35, 0, -2.35, NO, 0, 0, 0
31.35, 0, -2.349, NO, 0, 0, 0
34.5, 0, -2.195, NO, 0, 0, 0
37.5, 0, -1.825, NO, 0, 0, 0
NAME=TIN16, Web_In, 1to15, 0, 0, SPLINE, 3D
Web_In3, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, 0
0, 0, -1.05, NO, 0, 0, 0
6.35, 0, -1.781, NO, 0, 0, 0
13.35, 0, -2.246, NO, 0, 0, 0
21.35, 0, -2.35, NO, 0, 0, 0
26.35, 0, -2.268, NO, 0, 0, 0
31.35, 0, -1.91, NO, 0, 0, 0
34.5, 0, -1.535, NO, 0, 0, 0
37.5, 0, -1.11, NO, 0, 0, 0
NAME=TIN17, Web_In, 1to15, 0, 0, SPLINE, 3D
Web_In3, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 0, 0
0, 0, -1.52, NO, 0, 0, 0
6.35, 0, -2.099, NO, 0, 0, 0
13.35, 0, -2.467, NO, 0, 0, 0
21.35, 0, -2.55, NO, 0, 0, 0
26.35, 0, -2.55, NO, 0, 0, 0

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PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

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31.35, 0, -2.55, NO, 0, 0, 0
34.5, 0, -2.512, NO, 0, 0, 0
37.5, 0, -2.238, NO, 0, 0, 0
NAME=TIN21, Web_In, 40to64, 0, 0, SPLINE, 3D
Web_In1, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J
0, YES, 0, 0
0, 0, -1.05, NO, 0, 0, 0
5.5, 0, -0.521, NO, 0, 0, 0
12.5, 0, -0.4, NO, 0, 0, 0
20.5, 0, -0.981, NO, 0, 0, 0
25.5, 0, -1.62, NO, 0, 0, 0
30.65, 0, -2.179, NO, 0, 0, 0
35.65, 0, -2.35, NO, 0, 0, 0
40.65, 0, -2.35, NO, 0, 0, 0
45.65, 0, -2.347, NO, 0, 0, 0
50.69, 0, -2.214, NO, 0, 0, 0
55.69, 0, -1.879, NO, 0, 0, 0
62.5, 0, -1.11, NO, 0, 0, 0
NAME=TIN22, Web_In, 40to64, 0, 0, SPLINE, 3D
Web_In1, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J
0, YES, 0, 0
0, 0, -1.52, NO, 0, 0, 0
5.5, 0, -0.908, NO, 0, 0, 0
12.5, 0, -0.6, NO, 0, 0, 0
20.5, 0, -1.181, NO, 0, 0, 0
25.5, 0, -1.82, NO, 0, 0, 0
30.65, 0, -2.379, NO, 0, 0, 0
35.65, 0, -2.55, NO, 0, 0, 0
40.65, 0, -2.55, NO, 0, 0, 0
45.65, 0, -2.549, NO, 0, 0, 0
50.69, 0, -2.45, NO, 0, 0, 0
55.69, 0, -2.188, NO, 0, 0, 0
62.5, 0, -1.58, NO, 0, 0, 0
NAME=TIN23, Web_In, 40to64, 0, 0, SPLINE, 3D
Web_In1, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J
0, YES, 0, 0
0, 0, -1.78, NO, 0, 0, 0
5.5, 0, -1.165, NO, 0, 0, 0
12.5, 0, -0.8, NO, 0, 0, 0
20.5, 0, -1.381, NO, 0, 0, 0
25.5, 0, -2.02, NO, 0, 0, 0
30.65, 0, -2.579, NO, 0, 0, 0

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PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

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35.65, 0, -2.75, NO, 0, 0, 0
40.65, 0, -2.75, NO, 0, 0, 0
45.65, 0, -2.75, NO, 0, 0, 0
50.69, 0, -2.685, NO, 0, 0, 0
55.69, 0, -2.497, NO, 0, 0, 0
62.5, 0, -2.05, NO, 0, 0, 0
NAME=TIN24, Web_In, 16to39, 0, 0, SPLINE, 3D
Web_In2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
0, YES, 0, 0
0, 0, -0.64, NO, 0, 0, 0
5.5, 0, -0.268, NO, 0, 0, 0
12.5, 0, -0.2, NO, 0, 0, 0
20, 0, -0.533, NO, 0, 0, 0
25, 0, -1.129, NO, 0, 0, 0
30, 0, -1.723, NO, 0, 0, 0
35, 0, -2.462, NO, 0, 0, 0
40, 0, -2.148, NO, 0, 0, 0
45, 0, -2.028, NO, 0, 0, 0
50, 0, -1.727, NO, 0, 0, 0
55, 0, -1.243, NO, 0, 0, 0
60, 0, -0.676, NO, 0, 0, 0
NAME=TIN25, Web_In, 16to39, 0, 0, SPLINE, 3D
Web_In2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
0, YES, 0, 0
0, 0, -1.05, NO, 0, 0, 0
5.5, 0, -0.521, NO, 0, 0, 0
12.5, 0, -0.4, NO, 0, 0, 0
20, 0, -0.733, NO, 0, 0, 0
25, 0, -1.129, NO, 0, 0, 0
30, 0, -1.723, NO, 0, 0, 0
35, 0, -2.062, NO, 0, 0, 0
40, 0, -2.148, NO, 0, 0, 0
45, 0, -2.208, NO, 0, 0, 0
50, 0, -1.727, NO, 0, 0, 0
55, 0, -1.243, NO, 0, 0, 0
60, 0, -0.676, NO, 0, 0, 0
NAME=TIN26, Web_In, 16to39, 0, 0, SPLINE, 3D
Web_In2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
0, YES, 0, 0
0, 0, -1.52, NO, 0, 0, 0
5.5, 0, -0.908, NO, 0, 0, 0
12.5, 0, -0.6, NO, 0, 0, 0

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PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

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20, 0, -0.933, NO, 0, 0, 0
25, 0, -1.529, NO, 0, 0, 0
30, 0, -2.123, NO, 0, 0, 0
35, 0, -2.462, NO, 0, 0, 0
40, 0, -2.55, NO, 0, 0, 0
45, 0, -2.545, NO, 0, 0, 0
50, 0, -2.402, NO, 0, 0, 0
55, 0, -2.057, NO, 0, 0, 0
60, 0, -1.556, NO, 0, 0, 0
NAME=TL1, Web_L, 40to64, 0, 0, SPLINE, 3D
Web_L1, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J
-12.09, YES, 3.231, 0
0, 0, -1.356, NO, 0, 0, 0
5.5, 0, -0.54, NO, 0, 0, 0
10.5, 0, -0.338, NO, 0, 0, 0
15.5, 0, -0.45, NO, 0, 0, 0
20.5, 0, -1.081, NO, 0, 0, 0
26, 0, -1.786, NO, 0, 0, 0
31, 0, -2.183, NO, 0, 0, 0
36, 0, -2.345, NO, 0, 0, 0
41, 0, -2.35, NO, 0, 0, 0
46, 0, -2.337, NO, 0, 0, 0
52, 0, -2.105, NO, 0, 0, 0
58, 0, -1.581, NO, 0, 0, 0
62.5, 0, -1.1, NO, 0, 0, 0
NAME=TL10, Web_L, 16to39, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
-12.09, YES, 3.949, 0
0, 0, -1.05, NO, 0, 0, 0
5, 0, -0.434, NO, 0, 0, 0
10, 0, -0.338, NO, 0, 0, 0
15, 0, -0.393, NO, 0, 0, 0
20, 0, -0.837, NO, 0, 0, 0
25, 0, -1.568, NO, 0, 0, 0
30, 0, -2.153, NO, 0, 0, 0
35, 0, -2.35, NO, 0, 0, 0
40, 0, -2.35, NO, 0, 0, 0
45.5, 0, -2.344, NO, 0, 0, 0
50.5, 0, -2.152, NO, 0, 0, 0
55.5, 0, -1.689, NO, 0, 0, 0
60, 0, -1.05, NO, 0, 0, 0
NAME=TL11, Web_L, 16to39, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,

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PROJECT TITLE :

	Company	Client
	Author	File Name
		금호강교(FSM)_종방향(부산)

ELEMENT, END-I, 16, I-J
-12.09, YES, 3.749, 0
0, 0, -1.546, NO, 0, 0, 0
5, 0, -0.805, NO, 0, 0, 0
10, 0, -0.538, NO, 0, 0, 0
15, 0, -0.593, NO, 0, 0, 0
20, 0, -1.037, NO, 0, 0, 0
25, 0, -1.768, NO, 0, 0, 0
30, 0, -2.353, NO, 0, 0, 0
35, 0, -2.55, NO, 0, 0, 0
40, 0, -2.55, NO, 0, 0, 0
45.5, 0, -2.55, NO, 0, 0, 0
50.5, 0, -2.55, NO, 0, 0, 0
55.5, 0, -2.55, NO, 0, 0, 0
60, 0, -2.218, NO, 0, 0, 0
NAME=TL12, Web_L, 16to39, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
-12.09, YES, 3.949, 0
0, 0, -1.52, NO, 0, 0, 0
5, 0, -0.79, NO, 0, 0, 0
10, 0, -0.538, NO, 0, 0, 0
15, 0, -0.793, NO, 0, 0, 0
20, 0, -1.037, NO, 0, 0, 0
25, 0, -1.768, NO, 0, 0, 0
30, 0, -2.353, NO, 0, 0, 0
35, 0, -2.55, NO, 0, 0, 0
40, 0, -2.55, NO, 0, 0, 0
45.5, 0, -2.55, NO, 0, 0, 0
50.5, 0, -2.538, NO, 0, 0, 0
55.5, 0, -2.203, NO, 0, 0, 0
60, 0, -1.52, NO, 0, 0, 0
NAME=TL13, Web_L, 16to39, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
-12.09, YES, 3.749, 0
0, 0, -2.018, NO, 0, 0, 0
5, 0, -1.179, NO, 0, 0, 0
10, 0, -0.774, NO, 0, 0, 0
15, 0, -0.793, NO, 0, 0, 0
20, 0, -1.237, NO, 0, 0, 0
25, 0, -1.968, NO, 0, 0, 0
30, 0, -2.553, NO, 0, 0, 0
35, 0, -2.75, NO, 0, 0, 0
40, 0, -2.75, NO, 0, 0, 0

PROJECT TITLE :

	Company	Client
	Author	File Name
		금호강교(FSM)_종방향(부산)

45.5, 0, -2.75, NO, 0, 0, 0
50.5, 0, -2.75, NO, 0, 0, 0
55.5, 0, -2.75, NO, 0, 0, 0
60, 0, -2.557, NO, 0, 0, 0
NAME=TL14, Web_L, 16to39, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
-12.09, YES, 3.949, 0
0, 0, -1.99, NO, 0, 0, 0
5, 0, -1.16, NO, 0, 0, 0
10, 0, -0.769, NO, 0, 0, 0
15, 0, -0.793, NO, 0, 0, 0
20, 0, -1.237, NO, 0, 0, 0
25, 0, -1.968, NO, 0, 0, 0
30, 0, -2.553, NO, 0, 0, 0
35, 0, -2.75, NO, 0, 0, 0
40, 0, -2.75, NO, 0, 0, 0
45.5, 0, -2.75, NO, 0, 0, 0
50.5, 0, -2.75, NO, 0, 0, 0
55.5, 0, -2.67, NO, 0, 0, 0
60, 0, -1.99, NO, 0, 0, 0
NAME=TL15, Web_L, 1to15, 0, 0, SPLINE, 3D
Web_L3, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
-12.09, YES, 3.749, 0
0, 0, -1.05, NO, 0, 0, 0
5.35, 0, -1.684, NO, 0, 0, 0
10.35, 0, -2.092, NO, 0, 0, 0
15.35, 0, -2.31, NO, 0, 0, 0
20.35, 0, -2.35, NO, 0, 0, 0
25.35, 0, -2.288, NO, 0, 0, 0
30.35, 0, -2.35, NO, 0, 0, 0
35.5, 0, -2.067, NO, 0, 0, 0
37.5, 0, -1.776, NO, 0, 0, 0
NAME=TL16, Web_L, 1to15, 0, 0, SPLINE, 3D
Web_L3, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
-12.09, YES, 3.949, 0
0, 0, -1.05, NO, 0, 0, 0
5.35, 0, -1.684, NO, 0, 0, 0
10.35, 0, -2.092, NO, 0, 0, 0
15.35, 0, -2.31, NO, 0, 0, 0
20.35, 0, -2.35, NO, 0, 0, 0
25.35, 0, -2.281, NO, 0, 0, 0
30.35, 0, -1.954, NO, 0, 0, 0

MIDAS

PROJECT TITLE :

	Company	Client
	Author	File Name
		금호강교(FSM)_종방향(부산)

```
35.5, 0, -1.355, NO, 0, 0, 0
37.5, 0, -1.05, NO, 0, 0, 0
NAME=TL17, Web_L, 1to15, 0, 0, SPLINE, 3D
Web_L3, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
-12.09, YES, 3.749, 0
0, 0, -1.52, NO, 0, 0, 0
5.35, 0, -2.022, NO, 0, 0, 0
10.35, 0, -2.345, NO, 0, 0, 0
15.35, 0, -2.518, NO, 0, 0, 0
20.35, 0, -2.55, NO, 0, 0, 0
25.35, 0, -2.55, NO, 0, 0, 0
30.35, 0, -2.55, NO, 0, 0, 0
35.5, 0, -2.481, NO, 0, 0, 0
37.5, 0, -2.218, NO, 0, 0, 0
NAME=TL18, Web_L, 1to15, 0, 0, SPLINE, 3D
Web_L3, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
-12.09, YES, 3.949, 0
0, 0, -1.52, NO, 0, 0, 0
5.35, 0, -2.022, NO, 0, 0, 0
10.35, 0, -2.345, NO, 0, 0, 0
15.35, 0, -2.518, NO, 0, 0, 0
20.35, 0, -2.55, NO, 0, 0, 0
25.35, 0, -2.55, NO, 0, 0, 0
30.35, 0, -2.429, NO, 0, 0, 0
35.5, 0, -1.859, NO, 0, 0, 0
37.5, 0, -1.52, NO, 0, 0, 0
NAME=TL19, Web_L, 1to15, 0, 0, SPLINE, 3D
Web_L3, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
-12.09, YES, 3.749, 0
0, 0, -1.99, NO, 0, 0, 0
5.35, 0, -2.36, NO, 0, 0, 0
10.35, 0, -2.56, NO, 0, 0, 0
15.35, 0, -2.727, NO, 0, 0, 0
20.35, 0, -2.75, NO, 0, 0, 0
25.35, 0, -2.75, NO, 0, 0, 0
30.35, 0, -2.75, NO, 0, 0, 0
35.5, 0, -2.714, NO, 0, 0, 0
37.5, 0, -2.557, NO, 0, 0, 0
NAME=TL2, Web_L, 40to64, 0, 0, SPLINE, 3D
Web_L1, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J
-12.09, YES, 3.431, 0
```

MIDAS

PROJECT TITLE :

	Company	Client
	Author	File Name
		금호강교(FSM)_종방향(부산)

```
0, 0, -1.05, NO, 0, 0, 0
5.5, 0, -0.404, NO, 0, 0, 0
10.5, 0, -0.338, NO, 0, 0, 0
15.5, 0, -0.45, NO, 0, 0, 0
20.5, 0, -1.081, NO, 0, 0, 0
26, 0, -1.786, NO, 0, 0, 0
31, 0, -2.183, NO, 0, 0, 0
36, 0, -2.345, NO, 0, 0, 0
41, 0, -2.35, NO, 0, 0, 0
46, 0, -2.337, NO, 0, 0, 0
52, 0, -2.105, NO, 0, 0, 0
58, 0, -1.581, NO, 0, 0, 0
62.5, 0, -1.1, NO, 0, 0, 0
NAME=TL20, Web_L, 1to15, 0, 0, SPLINE, 3D
Web_L3, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
-12.09, YES, 3.949, 0
0, 0, -1.99, NO, 0, 0, 0
5.35, 0, -2.36, NO, 0, 0, 0
10.35, 0, -2.56, NO, 0, 0, 0
15.35, 0, -2.727, NO, 0, 0, 0
20.35, 0, -2.75, NO, 0, 0, 0
25.35, 0, -2.75, NO, 0, 0, 0
30.35, 0, -2.75, NO, 0, 0, 0
35.5, 0, -2.363, NO, 0, 0, 0
37.5, 0, -1.99, NO, 0, 0, 0
NAME=TL3, Web_L, 40to64, 0, 0, SPLINE, 3D
Web_L1, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J
-12.09, YES, 3.231, 0
0, 0, -1.546, NO, 0, 0, 0
5.5, 0, -0.756, NO, 0, 0, 0
10.5, 0, -0.538, NO, 0, 0, 0
15.5, 0, -0.65, NO, 0, 0, 0
20.5, 0, -1.281, NO, 0, 0, 0
26, 0, -1.986, NO, 0, 0, 0
31, 0, -2.383, NO, 0, 0, 0
36, 0, -2.545, NO, 0, 0, 0
41, 0, -2.55, NO, 0, 0, 0
46, 0, -2.542, NO, 0, 0, 0
52, 0, -2.365, NO, 0, 0, 0
58, 0, -1.953, NO, 0, 0, 0
62.5, 0, -1.57, NO, 0, 0, 0
NAME=TL4, Web_L, 40to64, 0, 0, SPLINE, 3D
Web_L1, USER, 0, 0, NO,
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

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ELEMENT, END-I, 40, I-J
-12.09, YES, 3.431, 0
0, 0, -1.52, NO, 0, 0, 0
5.5, 0, -0.743, NO, 0, 0, 0
10.5, 0, -0.538, NO, 0, 0, 0
15.5, 0, -0.65, NO, 0, 0, 0
20.5, 0, -1.281, NO, 0, 0, 0
26, 0, -1.986, NO, 0, 0, 0
31, 0, -2.383, NO, 0, 0, 0
36, 0, -2.545, NO, 0, 0, 0
41, 0, -2.55, NO, 0, 0, 0
46, 0, -2.542, NO, 0, 0, 0
52, 0, -2.365, NO, 0, 0, 0
58, 0, -1.953, NO, 0, 0, 0
62.5, 0, -1.57, NO, 0, 0, 0
NAME=TL5, Web_L, 40to64, 0, 0, SPLINE, 3D
Web_L1, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J
-12.09, YES, 3.231, 0
0, 0, -2.018, NO, 0, 0, 0
5.5, 0, -1.118, NO, 0, 0, 0
10.5, 0, -0.758, NO, 0, 0, 0
15.5, 0, -0.85, NO, 0, 0, 0
20.5, 0, -1.481, NO, 0, 0, 0
26, 0, -2.186, NO, 0, 0, 0
31, 0, -2.583, NO, 0, 0, 0
36, 0, -2.745, NO, 0, 0, 0
41, 0, -2.75, NO, 0, 0, 0
46, 0, -2.747, NO, 0, 0, 0
52, 0, -2.625, NO, 0, 0, 0
58, 0, -2.325, NO, 0, 0, 0
62.5, 0, -2.04, NO, 0, 0, 0
NAME=TL6, Web_L, 40to64, 0, 0, SPLINE, 3D
Web_L1, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J
-12.09, YES, 3.431, 0
0, 0, -1.99, NO, 0, 0, 0
5.5, 0, -1.1, NO, 0, 0, 0
10.5, 0, -0.754, NO, 0, 0, 0
15.5, 0, -0.85, NO, 0, 0, 0
20.5, 0, -1.481, NO, 0, 0, 0
26, 0, -2.186, NO, 0, 0, 0
31, 0, -2.583, NO, 0, 0, 0
36, 0, -2.745, NO, 0, 0, 0
41, 0, -2.75, NO, 0, 0, 0

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PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

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46, 0, -2.747, NO, 0, 0, 0
52, 0, -2.625, NO, 0, 0, 0
58, 0, -2.325, NO, 0, 0, 0
62.5, 0, -2.04, NO, 0, 0, 0
NAME=TL7, Web_L, 16to39, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
-12.09, YES, 3.949, 0
0, 0, -0.719, NO, 0, 0, 0
5, 0, -0.303, NO, 0, 0, 0
10, 0, -0.141, NO, 0, 0, 0
15, 0, -0.193, NO, 0, 0, 0
20, 0, -0.637, NO, 0, 0, 0
25, 0, -1.368, NO, 0, 0, 0
30, 0, -1.953, NO, 0, 0, 0
35, 0, -2.15, NO, 0, 0, 0
40, 0, -2.15, NO, 0, 0, 0
45.5, 0, -2.043, NO, 0, 0, 0
50.5, 0, -1.763, NO, 0, 0, 0
55.5, 0, -1.308, NO, 0, 0, 0
60, 0, -0.75, NO, 0, 0, 0
NAME=TL8, Web_L, 16to39, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
-12.09, YES, 3.749, 0
0, 0, -1.038, NO, 0, 0, 0
5, 0, -0.421, NO, 0, 0, 0
10, 0, -0.152, NO, 0, 0, 0
15, 0, -0.193, NO, 0, 0, 0
20, 0, -0.637, NO, 0, 0, 0
25, 0, -1.368, NO, 0, 0, 0
30, 0, -1.953, NO, 0, 0, 0
35, 0, -2.15, NO, 0, 0, 0
40, 0, -2.15, NO, 0, 0, 0
45.5, 0, -2.043, NO, 0, 0, 0
50.5, 0, -1.763, NO, 0, 0, 0
55.5, 0, -1.308, NO, 0, 0, 0
60, 0, -0.75, NO, 0, 0, 0
NAME=TL9, Web_L, 16to39, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
-12.09, YES, 3.749, 0
0, 0, -1.356, NO, 0, 0, 0
5, 0, -0.588, NO, 0, 0, 0
10, 0, -0.338, NO, 0, 0, 0

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MIDAS

PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

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15, 0, -0.393, NO, 0, 0, 0
20, 0, -0.837, NO, 0, 0, 0
25, 0, -1.568, NO, 0, 0, 0
30, 0, -2.153, NO, 0, 0, 0
35, 0, -2.35, NO, 0, 0, 0
40, 0, -2.35, NO, 0, 0, 0
45.5, 0, -2.35, NO, 0, 0, 0
50.5, 0, -2.35, NO, 0, 0, 0
55.5, 0, -2.287, NO, 0, 0, 0
60, 0, -1.776, NO, 0, 0, 0
NAME=TR1, Web_R, 40to64, 0, 0, SPLINE, 3D
Web_R1, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J
12.09, YES, -3.231, 0
0, 0, -1.356, NO, 0, 0, 0
5.5, 0, -0.54, NO, 0, 0, 0
10.5, 0, -0.338, NO, 0, 0, 0
15.5, 0, -0.45, NO, 0, 0, 0
20.5, 0, -1.081, NO, 0, 0, 0
26, 0, -1.786, NO, 0, 0, 0
31, 0, -2.183, NO, 0, 0, 0
36, 0, -2.345, NO, 0, 0, 0
41, 0, -2.35, NO, 0, 0, 0
46, 0, -2.337, NO, 0, 0, 0
52, 0, -2.105, NO, 0, 0, 0
58, 0, -1.581, NO, 0, 0, 0
62.5, 0, -1.1, NO, 0, 0, 0
NAME=TR10, Web_R, 16to39, 0, 0, SPLINE, 3D
Web_R2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
12.09, YES, -3.949, 0
0, 0, -1.05, NO, 0, 0, 0
5, 0, -0.434, NO, 0, 0, 0
10, 0, -0.338, NO, 0, 0, 0
15, 0, -0.393, NO, 0, 0, 0
20, 0, -0.837, NO, 0, 0, 0
25, 0, -1.568, NO, 0, 0, 0
30, 0, -2.153, NO, 0, 0, 0
35, 0, -2.35, NO, 0, 0, 0
40, 0, -2.35, NO, 0, 0, 0
45.5, 0, -2.344, NO, 0, 0, 0
50.5, 0, -2.152, NO, 0, 0, 0
55.5, 0, -1.689, NO, 0, 0, 0
60, 0, -1.05, NO, 0, 0, 0
NAME=TR11, Web_R, 16to39, 0, 0, SPLINE, 3D

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MIDAS

PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

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Web_R2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
12.09, YES, -3.749, 0
0, 0, -1.546, NO, 0, 0, 0
5, 0, -0.805, NO, 0, 0, 0
10, 0, -0.538, NO, 0, 0, 0
15, 0, -0.593, NO, 0, 0, 0
20, 0, -1.037, NO, 0, 0, 0
25, 0, -1.768, NO, 0, 0, 0
30, 0, -2.353, NO, 0, 0, 0
35, 0, -2.55, NO, 0, 0, 0
40, 0, -2.55, NO, 0, 0, 0
45.5, 0, -2.55, NO, 0, 0, 0
50.5, 0, -2.55, NO, 0, 0, 0
55.5, 0, -2.55, NO, 0, 0, 0
60, 0, -2.218, NO, 0, 0, 0
NAME=TR12, Web_R, 16to39, 0, 0, SPLINE, 3D
Web_R2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
12.09, YES, -3.949, 0
0, 0, -1.52, NO, 0, 0, 0
5, 0, -0.79, NO, 0, 0, 0
10, 0, -0.538, NO, 0, 0, 0
15, 0, -0.793, NO, 0, 0, 0
20, 0, -1.037, NO, 0, 0, 0
25, 0, -1.768, NO, 0, 0, 0
30, 0, -2.353, NO, 0, 0, 0
35, 0, -2.55, NO, 0, 0, 0
40, 0, -2.55, NO, 0, 0, 0
45.5, 0, -2.55, NO, 0, 0, 0
50.5, 0, -2.538, NO, 0, 0, 0
55.5, 0, -2.203, NO, 0, 0, 0
60, 0, -1.52, NO, 0, 0, 0
NAME=TR13, Web_R, 16to39, 0, 0, SPLINE, 3D
Web_R2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
12.09, YES, -3.749, 0
0, 0, -2.018, NO, 0, 0, 0
5, 0, -1.179, NO, 0, 0, 0
10, 0, -0.774, NO, 0, 0, 0
15, 0, -0.793, NO, 0, 0, 0
20, 0, -1.237, NO, 0, 0, 0
25, 0, -1.968, NO, 0, 0, 0
30, 0, -2.553, NO, 0, 0, 0
35, 0, -2.75, NO, 0, 0, 0

```

MIDAS

PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

40. 0, -2.75, NO, 0, 0, 0
45.5, 0, -2.75, NO, 0, 0, 0
50.5, 0, -2.75, NO, 0, 0, 0
55.5, 0, -2.75, NO, 0, 0, 0
60. 0, -2.557, NO, 0, 0, 0
NAME=TR14, Web_R, 16to39, 0, 0, SPLINE, 3D
Web_R2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
12.09, YES, -3.949, 0
0, 0, -1.99, NO, 0, 0, 0
5, 0, -1.16, NO, 0, 0, 0
10, 0, -0.769, NO, 0, 0, 0
15, 0, -0.793, NO, 0, 0, 0
20, 0, -1.237, NO, 0, 0, 0
25, 0, -1.968, NO, 0, 0, 0
30, 0, -2.553, NO, 0, 0, 0
35, 0, -2.75, NO, 0, 0, 0
40, 0, -2.75, NO, 0, 0, 0
45.5, 0, -2.75, NO, 0, 0, 0
50.5, 0, -2.75, NO, 0, 0, 0
55.5, 0, -2.67, NO, 0, 0, 0
60, 0, -1.99, NO, 0, 0, 0
NAME=TR15, Web_R, 1to15, 0, 0, SPLINE, 3D
Web_R3, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
12.09, YES, -3.749, 0
0, 0, -1.05, NO, 0, 0, 0
5.35, 0, -1.684, NO, 0, 0, 0
10.35, 0, -2.092, NO, 0, 0, 0
15.35, 0, -2.31, NO, 0, 0, 0
20.35, 0, -2.35, NO, 0, 0, 0
25.35, 0, -2.288, NO, 0, 0, 0
30.35, 0, -2.35, NO, 0, 0, 0
35.5, 0, -2.067, NO, 0, 0, 0
37.5, 0, -1.776, NO, 0, 0, 0
NAME=TR16, Web_R, 1to15, 0, 0, SPLINE, 3D
Web_R3, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
12.09, YES, -3.949, 0
0, 0, -1.05, NO, 0, 0, 0
5.35, 0, -1.684, NO, 0, 0, 0
10.35, 0, -2.092, NO, 0, 0, 0
15.35, 0, -2.31, NO, 0, 0, 0
20.35, 0, -2.35, NO, 0, 0, 0
25.35, 0, -2.281, NO, 0, 0, 0

MIDAS

PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

30.35, 0, -1.954, NO, 0, 0, 0
35.5, 0, -1.355, NO, 0, 0, 0
37.5, 0, -1.05, NO, 0, 0, 0
NAME=TR17, Web_R, 1to15, 0, 0, SPLINE, 3D
Web_R3, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
12.09, YES, -3.749, 0
0, 0, -1.52, NO, 0, 0, 0
5.35, 0, -2.022, NO, 0, 0, 0
10.35, 0, -2.345, NO, 0, 0, 0
15.35, 0, -2.518, NO, 0, 0, 0
20.35, 0, -2.55, NO, 0, 0, 0
25.35, 0, -2.55, NO, 0, 0, 0
30.35, 0, -2.55, NO, 0, 0, 0
35.5, 0, -2.481, NO, 0, 0, 0
37.5, 0, -2.218, NO, 0, 0, 0
NAME=TR18, Web_R, 1to15, 0, 0, SPLINE, 3D
Web_R3, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
12.09, YES, -3.949, 0
0, 0, -1.52, NO, 0, 0, 0
5.35, 0, -2.022, NO, 0, 0, 0
10.35, 0, -2.345, NO, 0, 0, 0
15.35, 0, -2.518, NO, 0, 0, 0
20.35, 0, -2.55, NO, 0, 0, 0
25.35, 0, -2.55, NO, 0, 0, 0
30.35, 0, -2.429, NO, 0, 0, 0
35.5, 0, -1.859, NO, 0, 0, 0
37.5, 0, -1.52, NO, 0, 0, 0
NAME=TR19, Web_R, 1to15, 0, 0, SPLINE, 3D
Web_R3, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
12.09, YES, -3.749, 0
0, 0, -1.99, NO, 0, 0, 0
5.35, 0, -2.36, NO, 0, 0, 0
10.35, 0, -2.56, NO, 0, 0, 0
15.35, 0, -2.727, NO, 0, 0, 0
20.35, 0, -2.75, NO, 0, 0, 0
25.35, 0, -2.75, NO, 0, 0, 0
30.35, 0, -2.75, NO, 0, 0, 0
35.5, 0, -2.714, NO, 0, 0, 0
37.5, 0, -2.557, NO, 0, 0, 0
NAME=TR2, Web_R, 40to64, 0, 0, SPLINE, 3D
Web_R1, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J

PROJECT TITLE :

	Company	Client
	Author	File Name
		금호강교(FSM)_종방향(부산)

12.09, YES, -3.431, 0
0, 0, -1.05, NO, 0, 0, 0
5.5, 0, -0.404, NO, 0, 0, 0
10.5, 0, -0.338, NO, 0, 0, 0
15.5, 0, -0.45, NO, 0, 0, 0
20.5, 0, -1.081, NO, 0, 0, 0
26, 0, -1.786, NO, 0, 0, 0
31, 0, -2.183, NO, 0, 0, 0
36, 0, -2.345, NO, 0, 0, 0
41, 0, -2.35, NO, 0, 0, 0
46, 0, -2.337, NO, 0, 0, 0
52, 0, -2.105, NO, 0, 0, 0
58, 0, -1.581, NO, 0, 0, 0
62.5, 0, -1.1, NO, 0, 0, 0
NAME=TR20, Web_R, 1to15, 0, 0, SPLINE, 3D
Web_R3, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
12.09, YES, -3.949, 0
0, 0, -1.99, NO, 0, 0, 0
5.35, 0, -2.36, NO, 0, 0, 0
10.35, 0, -2.56, NO, 0, 0, 0
15.35, 0, -2.727, NO, 0, 0, 0
20.35, 0, -2.75, NO, 0, 0, 0
25.35, 0, -2.75, NO, 0, 0, 0
30.35, 0, -2.75, NO, 0, 0, 0
35.5, 0, -2.363, NO, 0, 0, 0
37.5, 0, -1.99, NO, 0, 0, 0
NAME=TR3, Web_R, 40to64, 0, 0, SPLINE, 3D
Web_R1, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J
12.09, YES, -3.231, 0
0, 0, -1.546, NO, 0, 0, 0
5.5, 0, -0.756, NO, 0, 0, 0
10.5, 0, -0.538, NO, 0, 0, 0
15.5, 0, -0.65, NO, 0, 0, 0
20.5, 0, -1.281, NO, 0, 0, 0
26, 0, -1.986, NO, 0, 0, 0
31, 0, -2.383, NO, 0, 0, 0
36, 0, -2.545, NO, 0, 0, 0
41, 0, -2.55, NO, 0, 0, 0
46, 0, -2.542, NO, 0, 0, 0
52, 0, -2.365, NO, 0, 0, 0
58, 0, -1.953, NO, 0, 0, 0
62.5, 0, -1.57, NO, 0, 0, 0
NAME=TR4, Web_R, 40to64, 0, 0, SPLINE, 3D

PROJECT TITLE :

	Company	Client
	Author	File Name
		금호강교(FSM)_종방향(부산)

Web_R1, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J
12.09, YES, -3.431, 0
0, 0, -1.52, NO, 0, 0, 0
5.5, 0, -0.743, NO, 0, 0, 0
10.5, 0, -0.538, NO, 0, 0, 0
15.5, 0, -0.65, NO, 0, 0, 0
20.5, 0, -1.281, NO, 0, 0, 0
26, 0, -1.986, NO, 0, 0, 0
31, 0, -2.383, NO, 0, 0, 0
36, 0, -2.545, NO, 0, 0, 0
41, 0, -2.55, NO, 0, 0, 0
46, 0, -2.542, NO, 0, 0, 0
52, 0, -2.365, NO, 0, 0, 0
58, 0, -1.953, NO, 0, 0, 0
62.5, 0, -1.57, NO, 0, 0, 0
NAME=TR5, Web_R, 40to64, 0, 0, SPLINE, 3D
Web_R1, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J
12.09, YES, -3.231, 0
0, 0, -2.018, NO, 0, 0, 0
5.5, 0, -1.118, NO, 0, 0, 0
10.5, 0, -0.758, NO, 0, 0, 0
15.5, 0, -0.85, NO, 0, 0, 0
20.5, 0, -1.481, NO, 0, 0, 0
26, 0, -2.186, NO, 0, 0, 0
31, 0, -2.583, NO, 0, 0, 0
36, 0, -2.745, NO, 0, 0, 0
41, 0, -2.75, NO, 0, 0, 0
46, 0, -2.747, NO, 0, 0, 0
52, 0, -2.625, NO, 0, 0, 0
58, 0, -2.325, NO, 0, 0, 0
62.5, 0, -2.04, NO, 0, 0, 0
NAME=TR6, Web_R, 40to64, 0, 0, SPLINE, 3D
Web_R1, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J
12.09, YES, -3.431, 0
0, 0, -1.99, NO, 0, 0, 0
5.5, 0, -1.1, NO, 0, 0, 0
10.5, 0, -0.754, NO, 0, 0, 0
15.5, 0, -0.85, NO, 0, 0, 0
20.5, 0, -1.481, NO, 0, 0, 0
26, 0, -2.186, NO, 0, 0, 0
31, 0, -2.583, NO, 0, 0, 0
36, 0, -2.745, NO, 0, 0, 0

PROJECT TITLE :

	Company	Client
	Author	File Name

41, 0, -2.75, NO, 0, 0, 0
46, 0, -2.747, NO, 0, 0, 0
52, 0, -2.625, NO, 0, 0, 0
58, 0, -2.325, NO, 0, 0, 0
62.5, 0, -2.04, NO, 0, 0, 0
NAME=TR7, Web_R, 16to39, 0, 0, SPLINE, 3D
Web_R2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
12.09, YES, -3.949, 0
0, 0, -0.719, NO, 0, 0, 0
5, 0, -0.303, NO, 0, 0, 0
10, 0, -0.141, NO, 0, 0, 0
15, 0, -0.193, NO, 0, 0, 0
20, 0, -0.637, NO, 0, 0, 0
25, 0, -1.368, NO, 0, 0, 0
30, 0, -1.953, NO, 0, 0, 0
35, 0, -2.15, NO, 0, 0, 0
40, 0, -2.15, NO, 0, 0, 0
45.5, 0, -2.043, NO, 0, 0, 0
50.5, 0, -1.763, NO, 0, 0, 0
55.5, 0, -1.308, NO, 0, 0, 0
60, 0, -0.75, NO, 0, 0, 0
NAME=TR8, Web_R, 16to39, 0, 0, SPLINE, 3D
Web_R2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
12.09, YES, -3.749, 0
0, 0, -1.038, NO, 0, 0, 0
5, 0, -0.421, NO, 0, 0, 0
10, 0, -0.152, NO, 0, 0, 0
15, 0, -0.193, NO, 0, 0, 0
20, 0, -0.637, NO, 0, 0, 0
25, 0, -1.368, NO, 0, 0, 0
30, 0, -1.953, NO, 0, 0, 0
35, 0, -2.15, NO, 0, 0, 0
40, 0, -2.15, NO, 0, 0, 0
45.5, 0, -2.043, NO, 0, 0, 0
50.5, 0, -1.763, NO, 0, 0, 0
55.5, 0, -1.308, NO, 0, 0, 0
60, 0, -0.75, NO, 0, 0, 0
NAME=TR9, Web_R, 16to39, 0, 0, SPLINE, 3D
Web_R2, USER, 0, 0, NO,
ELEMENT, END-I, 16, I-J
12.09, YES, -3.749, 0
0, 0, -1.356, NO, 0, 0, 0
5, 0, -0.588, NO, 0, 0, 0

PROJECT TITLE :

	Company	Client
	Author	File Name

10, 0, -0.338, NO, 0, 0, 0
15, 0, -0.393, NO, 0, 0, 0
20, 0, -0.837, NO, 0, 0, 0
25, 0, -1.568, NO, 0, 0, 0
30, 0, -2.153, NO, 0, 0, 0
35, 0, -2.35, NO, 0, 0, 0
40, 0, -2.35, NO, 0, 0, 0
45.5, 0, -2.35, NO, 0, 0, 0
50.5, 0, -2.35, NO, 0, 0, 0
55.5, 0, -2.287, NO, 0, 0, 0
60, 0, -1.776, NO, 0, 0, 0

*STLDCASE ; Static Load Cases

; LCNAME, LCTYPE, DESC

Self , CS,
Non Struct, CS,
PS , CS,
2nd Dead, CS,
Wind+, W ,
Wind-, W ,
Temp+, T ,
Temp-, T ,
TG+ , TPG,
TG- , TPG,

*CONSTRAINT ; Supports

; NODE_LIST, CONST(Dx,Dy,Dz,Rx,Ry,Rz), GROUP

75 77, 001000, BG-1
70, 011000, BG-2
69 71, 001000, BG-2
67, 011000, BG-3
66 68, 001000, BG-3
73, 111000, BG-1
72 74, 101000, BG-1

*ELASTICLINK

; iNO, iNODE1, iNODE2, LINK, ANGLE, SDx, SDy, SDz, SRx, SRy, SRz, bSHEAR, DRy, DRz, GROUP
; GEN
; iNO, iNODE1, iNODE2, LINK, ANGLE, bSHEAR, DRy, DRz, GROUP
; RIGID
; iNO, iNODE1, iNODE2, LINK, ANGLE, SDx, bSHEAR, DRy, DRz, GROUP
; TENS,COMP
; iNO, iNODE1, iNODE2, LINK, ANGLE, (UN)SYM, NUM, DIST1, FORCE1 ... DIST10, FORCE10, D
IR, bSHEAR, DRENDI, GROUP ; MULTI LINEAR

PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

```

1, 1, 66, RIGID, 0, NO, 0.5, 0.5, BG-3
2, 1, 67, RIGID, 0, NO, 0.5, 0.5, BG-3
3, 1, 68, RIGID, 0, NO, 0.5, 0.5, BG-3
4, 21, 69, RIGID, 0, NO, 0.5, 0.5, BG-2
5, 21, 70, RIGID, 0, NO, 0.5, 0.5, BG-2
6, 21, 71, RIGID, 0, NO, 0.5, 0.5, BG-2
7, 45, 72, RIGID, 0, NO, 0.5, 0.5, BG-1
8, 45, 73, RIGID, 0, NO, 0.5, 0.5, BG-1
9, 45, 74, RIGID, 0, NO, 0.5, 0.5, BG-1
10, 65, 75, RIGID, 0, NO, 0.5, 0.5, BG-1
11, 65, 77, RIGID, 0, NO, 0.5, 0.5, BG-1

```

*USE-STLD, Self

: *SELFWEIGHT, X, Y, Z, GROUP

*SELFWEIGHT, 0, 0, -1, Self

: End of data for load case [Self] -----

*USE-STLD, Non Struct

*BEAMLOAD : Element Beam Loads

: ELEM_LIST, CMD, TYPE, DIR, bPROJ, [ECCEN], [VALUE], GROUP

: ELEM_LIST, CMD, TYPE, TYPE, DIR, VX, VY, VZ, bPROJ, [ECCEN], [VALUE], GROUP

: [VALUE] : D1, P1, D2, P2, D3, P3, D4, P4

: [ECCEN] : bECCEN, ECCDIR, I-END, J-END, bJ-END

: [ADDITIONAL] : bADDITIONAL, ADDITIONAL_I-END, ADDITIONAL_J-END, bADDITIONAL_J-END

1, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -220, 1, -220, 0, 0, 0, 0, Di
aphragm3, NO, 0, 0, NO,15, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -60, 1, -60, 0, 0, 0, 0, Diap
hragm3, NO, 0, 0, NO,20, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -220, 1, -220, 0, 0, 0, 0, Di
aphragm2, NO, 0, 0, NO,21, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -220, 1, -220, 0, 0, 0, 0, Di
aphragm2, NO, 0, 0, NO,39, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -60, 1, -60, 0, 0, 0, 0, Diap
hragm2, NO, 0, 0, NO,44, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -220, 1, -220, 0, 0, 0, 0, Di
aphragm1, NO, 0, 0, NO,45, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -220, 1, -220, 0, 0, 0, 0, Di
aphragm1, NO, 0, 0, NO,64, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -220, 1, -220, 0, 0, 0, 0, Di
aphragm1, NO, 0, 0, NO,

: End of data for load case [Non Struct] -----

PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

*USE-STLD, PS

*TDN-PRESTRESS : Tendon Prestress Loads

: TDN-NAME, FORCE/STRESS, JACKING, BEGIN, END, iGROUTING, GROUP

TL1, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-1

TL2, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-1

TL3, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-1

TL4, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-1

TL5, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-1

TL6, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-1

TR1, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-1

TR2, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-1

TR3, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-1

TR4, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-1

TR5, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-1

TR6, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-1

TIN21, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-1

TIN22, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-1

TIN23, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-1

TIN24, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TIN25, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TIN26, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TIN15, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-3

TIN16, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-3

TIN17, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-3

TL7, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TL8, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TL9, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TL10, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TL11, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TL12, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TL13, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TL14, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TR10, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TR11, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TR12, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TR13, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TR14, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TR7, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TR8, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TR9, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-2

TL15, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-3

TL16, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-3

TL17, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-3

PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

TL18, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-3
TL19, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-3
TL20, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-3
TR15, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-3
TR16, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-3
TR17, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-3
TR18, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-3
TR19, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-3
TR20, STRESS, BOTH, 1.304e+006, 1.304e+006, 1, PS-3

; End of data for load case [PS] -----

*USE-STLD, 2nd Dead

*BEAMLOAD : Element Beam Loads

; ELEM_LIST, CMD, TYPE, DIR, bPROJ, [ECCEN], [VALUE], GROUP
; ELEM_LIST, CMD, TYPE, TYPE, DIR, VX, VY, VZ, bPROJ, [ECCEN], [VALUE], GROUP
; [VALUE] : D1, P1, D2, P2, D3, P3, D4, P4
; [ECCEN] : bECCEN, ECCDIR, I-END, J-END, bJ-END
; [ADDITIONAL] : bADDITIONAL, ADDITIONAL_I-END, ADDITIONAL_J-END, bADDITIONAL_J-END
1, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
2, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
3, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
4, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
5, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
6, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
7, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
8, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
9, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
10, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
11, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
12, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
13, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

, 2nd Dead, NO, 0, 0, NO,
14, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
15, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
16, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
17, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
18, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
19, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
20, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
21, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
22, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
23, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
24, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
25, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
26, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
27, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
28, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
29, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
30, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
31, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
32, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
33, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
34, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
35, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,

PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

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36, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
37, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
38, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
39, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
40, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
41, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
42, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
43, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
44, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
45, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
46, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
47, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
48, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
49, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
50, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
51, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
52, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
53, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
54, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
55, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
56, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
57, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
58, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0

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PROJECT TITLE :

	Company		Client	
	Author		File Name	금호강교(FSM)_종방향(부산)

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, 2nd Dead, NO, 0, 0, NO,
59, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
60, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
61, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
62, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
63, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,
64, BEAM   , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -35.61, 1, -35.61, 0, 0, 0, 0
, 2nd Dead, NO, 0, 0, NO,

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; End of data for load case [2nd Dead] -----

*USE-STLD, Wind+

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*BEAMLOAD      : Element Beam Loads
; ELEM_LIST, CMD, TYPE, DIR, bPROJ, [ECCEN], [VALUE], GROUP
; ELEM_LIST, CMD, TYPE, TYPE, DIR, VX, VY, VZ, bPROJ, [ECCEN], [VALUE], GROUP
; [VALUE]       : D1, P1, D2, P2, D3, P3, D4, P4
; [ECCEN]       : bECCEN, ECCDIR, I-END, J-END, bJ-END
; [ADDITIONAL]  : bADDITIONAL, ADDITIONAL_I-END, ADDITIONAL_J-END, bADDITIONAL_J-END
1, BEAM   , UNILoad, GY, NO , NO, aDir[1], , , , 0, 9.88, 1, 9.88, 0, 0, 0, 0, ,
NO, 0, 0, NO,
1, BEAM   , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -19.5, 1, -19.5, 0, 0, 0, 0,
, , NO, 0, 0, NO,
2, BEAM   , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -19.5, 1, -19.5, 0, 0, 0, 0,
, , NO, 0, 0, NO,
2, BEAM   , UNILoad, GY, NO , NO, aDir[1], , , , 0, 9.88, 1, 9.88, 0, 0, 0, 0, ,
NO, 0, 0, NO,
3, BEAM   , UNILoad, GY, NO , NO, aDir[1], , , , 0, 9.88, 1, 9.88, 0, 0, 0, 0, ,
NO, 0, 0, NO,
3, BEAM   , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -19.5, 1, -19.5, 0, 0, 0, 0,
, , NO, 0, 0, NO,
4, BEAM   , UNILoad, GY, NO , NO, aDir[1], , , , 0, 9.88, 1, 9.88, 0, 0, 0, 0, ,
NO, 0, 0, NO,
4, BEAM   , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -19.5, 1, -19.5, 0, 0, 0, 0,
, , NO, 0, 0, NO,
5, BEAM   , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -19.5, 1, -19.5, 0, 0, 0, 0,
, , NO, 0, 0, NO,
5, BEAM   , UNILoad, GY, NO , NO, aDir[1], , , , 0, 9.88, 1, 9.88, 0, 0, 0, 0, ,
NO, 0, 0, NO,
6, BEAM   , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -19.5, 1, -19.5, 0, 0, 0, 0,

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