

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

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

*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,
bROTRIGID
1, 1, 1, NO, NO, 9.806, 0, NO, NO, NO

*REBAR-MATL-CODE : Rebar Material Code
: CONC_CODE, CONC_MDB, SRC_CODE, SRC_MDB
KS01-Civil(RC), SD400, KS01-Civil(RC), SD400

*NODE : Nodes
: iNO, X, Y, Z
1, -6.3, 0, 3
2, -5.3, 0, 3
3, -4.4, 0, 3
4, -3.5, 0, 3
5, -3.25, 0, 3
6, -3, 0, 3
7, -2.25, 0, 3
8, -1.5, 0, 3
9, -0.75, 0, 3
10, 0, 0, 3
11, 0.75, 0, 3
12, 1.5, 0, 3
13, 2.25, 0, 3
14, 3, 0, 3
15, 3.25, 0, 3
16, 3.5, 0, 3
17, 4.4, 0, 3
18, 5.3, 0, 3
19, 6.3, 0, 3
20, -3.25, 0, 2.75
21, -3.25, 0, 2.5
22, -3.25, 0, 1.51

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23, -3.25, 0, 0.52
24, -3.25, 0, 0
25, 3.25, 0, 2.75
26, 3.25, 0, 2.5
27, 3.25, 0, 1.51
28, 3.25, 0, 0.52
29, 3.25, 0, 0
30, -3, 0, 0
31, -2.25, 0, 0
32, -1.5, 0, 0
33, -0.75, 0, 0
34, 0, 0, 0
35, 0.75, 0, 0
36, 1.5, 0, 0
37, 2.25, 0, 0
38, 3, 0, 0
39, -5.85, 0, 3
40, 5.85, 0, 3

*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, 39, 0, 0
2, BEAM , 1, 2, 2, 3, 0, 0
3, BEAM , 1, 3, 3, 4, 0, 0
4, BEAM , 1, 4, 4, 5, 0, 0
5, BEAM , 1, 5, 5, 6, 0, 0
6, BEAM , 1, 6, 6, 7, 0, 0
7, BEAM , 1, 7, 7, 8, 0, 0
8, BEAM , 1, 8, 8, 9, 0, 0
9, BEAM , 1, 9, 9, 10, 0, 0
10, BEAM , 1, 10, 10, 11, 0, 0
11, BEAM , 1, 11, 11, 12, 0, 0
12, BEAM , 1, 12, 12, 13, 0, 0
13, BEAM , 1, 13, 13, 14, 0, 0
14, BEAM , 1, 14, 14, 15, 0, 0
15, BEAM , 1, 15, 15, 16, 0, 0
16, BEAM , 1, 16, 16, 17, 0, 0
17, BEAM , 1, 17, 17, 18, 0, 0
18, BEAM , 1, 18, 18, 40, 0, 0
19, BEAM , 1, 19, 5, 20, 0, 0

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20, BEAM	,	1,	20,	20,	21,	0,	0
21, BEAM	,	1,	21,	21,	22,	0,	0
22, BEAM	,	1,	22,	22,	23,	0,	0
23, BEAM	,	1,	23,	23,	24,	0,	0
24, BEAM	,	1,	24,	15,	25,	0,	0
25, BEAM	,	1,	25,	25,	26,	0,	0
26, BEAM	,	1,	26,	26,	27,	0,	0
27, BEAM	,	1,	27,	27,	28,	0,	0
28, BEAM	,	1,	28,	28,	29,	0,	0
29, BEAM	,	1,	29,	24,	30,	0,	0
30, BEAM	,	1,	30,	30,	31,	0,	0
31, BEAM	,	1,	31,	31,	32,	0,	0
32, BEAM	,	1,	32,	32,	33,	0,	0
33, BEAM	,	1,	33,	33,	34,	0,	0
34, BEAM	,	1,	34,	34,	35,	0,	0
35, BEAM	,	1,	35,	35,	36,	0,	0
36, BEAM	,	1,	36,	36,	37,	0,	0
37, BEAM	,	1,	37,	37,	38,	0,	0
38, BEAM	,	1,	38,	38,	29,	0,	0
39, BEAM	,	1,	39,	39,	2,	0,	0
40, BEAM	,	1,	40,	40,	19,	0,	0

*GROUP : Group
; NAME, NODE_LIST, ELEM_LIST, PLANE_TYPE
Model , 1to40, 1to40, 0

*BNDR-GROUP : Boundary Group
; NAME, AUTOTYPE
Boundary, 2286268

*LOAD-GROUP : Load Group
; NAME
Load

*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 ,

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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_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

*SECTION : Section
; 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
ine
; Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy, Zzz ; 4th I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, POIC, SF, THERMAL ; 1st I
ine - SRC
; D1, D2, [SRC] ; 2nd I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 1, DB, NAME1, NAME2, D1, D2 ; 1st I
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 I
ine - TAPERED
; DB, NAME1, NAME2 ; 2nd I
ine(STYPE=DB)
; [DIM1], [DIM2] ; 2nd I
ine(STYPE=USER)
; D11, D12, D13, D14, D15, D16, D17, D18 ; 2nd I
ine(STYPE=VALUE)
; AREA1, ASy1, ASz1, lxx1, lyy1, lzz1 ; 3rd I
ine(STYPE=VALUE)
; CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1 ; 4th I
ine(STYPE=VALUE)
; Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2 ; 5th I
ine(STYPE=VALUE)
; D21, D22, D23, D24, D25, D26, D27, D28 ; 6th I
ine(STYPE=VALUE)

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; 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)
; 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, EgdEsb, 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

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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
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

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; [SIZE-D] ; 6th I
ine
; SW, GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb ; 7th I
ine
; 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 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(nCELL2)
; [SIZE-A] : 6(1CELL, 2CELL), 10(3CELL), 10(PSCM), 6(PSCH), 8(PSCT), 10(PSCB), 5(nCELL), 11(nCELL2)
; [SIZE-B] : 6(1CELL, 2CELL), 12(3CELL), 6(PSCM), 6(PSCH), 8(PSCT), 6(PSCB), 8(nCELL), 18(nCELL2)
; [SIZE-C] : 10(1CELL, 2CELL), 13(3CELL), 9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB), 0(nCELL), 11(nCELL2)
; [SIZE-D] : 8(1CELL, 2CELL), 13(3CELL), 6(PSCM), 7(PSCH), 8(PSCT), 5(PSCB), 0(nCELL), 18(nCELL2)
; [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 , Sect 1 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, 0, YES, NO
NO, , NO, , , , , ,

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0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

2, TAPERED , Sect 2 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC

NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
NO, , NO, , , , , , , , , , ,
0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

0, 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

3, TAPERED , Sect 3 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC

NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
NO, , NO, , , , , , , , , , ,
0, 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

4, PSC , Sect 4 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
NO, , NO, , , , , , , , , , ,
0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

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[illegible]

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NO, , NO, , , , , ,
0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

9, PSC , Sect 9 , CT, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
NO, , NO, , , , , ,
0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

10, PSC , Sect 10 , CT, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
NO, , NO, , , , , ,
0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

11, PSC , Sect 11 , CT, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
NO, , NO, , , , , ,
0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

12, TAPERED , Sect 12 , CT, 0, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC

NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
NO, , NO, , , , , , , , , , , , ,
0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

0, 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0

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0, 0.5, 0, 0, 0, 0
 0.375, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

13, TAPERED , Sect 13 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC

NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
 YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
 NO, , NO, , , , , , , , , , ,
 0, 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.375, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

14, PSC , Sect 14 , CT, 0, 0, 0, 0, 0, 0, 0, NO, PSCM

NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , , , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

15, PSC , Sect 15 , CT, 0, 0, 0, 0, 0, 0, 0, NO, PSCM

NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , , , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

16, TAPERED , Sect 16 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC

NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
 YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
 NO, , NO, , , , , , , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

0, 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.375, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

17, TAPERED , Sect 17 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC

NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
 YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
 NO, , NO, , , , , , , , , , ,
 0, 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.375, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.25, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

18, PSC , Sect 18 , CT, 0, 0, 0, 0, 0, 0, 0, NO, PSCM

NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , , , , , , ,
 0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.25, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

19, PSC , Sect 19 , CC, 0, 0, 0, 0, 0, 0, 0, NO, PSCM

NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , , , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

20, PSC , Sect 20 , CC, 0, 0, 0, 0, 0, 0, 0, NO, PSCM

NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

21, PSC , Sect 21 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

22, PSC , Sect 22 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

23, PSC , Sect 23 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

24, PSC , Sect 24 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

25, PSC , Sect 25 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

26, PSC , Sect 26 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

27, PSC , Sect 27 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

28, PSC , Sect 28 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

29, PSC , Sect 29 , CB, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.26, YES, 0.26, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.52, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.52, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

30, TAPERED , Sect 30 , CB, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
NO, , NO, , , , , , , , , , , , , ,
0, 0.52, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.52, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

0, 0.37, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.37, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

31, TAPERED , Sect 31 , CB, 0, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
NO, , NO, , , , , , , , , , , , , ,
0, 0.37, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.37, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

0, 0.22, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.22, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

32, PSC , Sect 32 , CB, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.11, YES, 0.11, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
NO, , NO, , , , , , , , , , , , , ,
0, 0.22, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.22, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

33, PSC , Sect 33 , CB, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.11, YES, 0.11, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
NO, , NO, , , , , , , , , , , , , ,
0, 0.22, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

0.22, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

34, PSC , Sect 34 , CB, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.11, YES, 0.11, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
NO, , NO, , , , ,
0, 0.22, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.22, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

35, PSC , Sect 35 , CB, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.11, YES, 0.11, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
NO, , NO, , , , ,
0, 0.22, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.22, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

36, TAPERED , Sect 36 , CB, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC

NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
NO, , NO, , , , , , , , , ,
0, 0.22, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.22, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

0, 0.37, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.37, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

37, TAPERED , Sect 37 , CB, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC

NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
NO, , NO, , , , , , , , , ,
0, 0.37, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

0.37, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

0, 0.52, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.52, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

38, PSC, Sect 38, CB, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.26, YES, 0.26, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
NO, , NO, , , , ,
0, 0.52, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.52, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

39, PSC, Sect 39, CT, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
NO, , NO, , , , ,
0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.25, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

40, PSC, Sect 40, CT, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
NO, , NO, , , , ,
0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.25, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 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

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

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
14, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
15, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
16, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
17, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
18, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
19, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
20, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
21, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
22, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
23, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
24, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
25, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
26, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
27, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
28, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
29, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
30, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
31, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
32, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
33, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
34, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
35, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
36, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
37, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
38, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
39, 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

*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
ine
; Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy, Zzz ; 4th I
ine

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

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; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, POIC, SF, THERMAL ; 1st I
ine - SRC
;      D1, D2, [SRC] ; 2nd I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 1, DB, NAME1, NAME2, D1, D2 ; 1st I
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 I
ine - TAPERED
;      DB, NAME1, NAME2 ; 2nd I
ine(STYPE=DB)
;      [DIM1], [DIM2] ; 2nd I
ine(STYPE=USER)
;      D11, D12, D13, D14, D15, D16, D17, D18 ; 2nd I
ine(STYPE=VALUE)
;      AREA1, ASy1, ASz1, lxx1, lyy1, lzz1 ; 3rd I
ine(STYPE=VALUE)
;      CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1 ; 4th I
ine(STYPE=VALUE)
;      Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2 ; 5th I
ine(STYPE=VALUE)
;      D21, D22, D23, D24, D25, D26, D27, D28 ; 6th I
ine(STYPE=VALUE)
;      AREA2, ASy2, ASz2, lxx2, lyy2, lzz2 ; 7th I
ine(STYPE=VALUE)
;      CyP2, CyM2, CzP2, CzM2, QyB2, QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2 ; 8th I
ine(STYPE=VALUE)
;      Y21, Y22, Y23, Y24, Z21, Z22, Z23, Z24, Zyy2, Zzz2 ; 9th I
ine(STYPE=VALUE)
;      OPT1, OPT2, [JOINT] ; 2nd I
ine(STYPE=PSC)
;      ELAST, DEN, POIS, POIC, THERMAL ; 2nd I
ine(STYPE=PSC-CMPW)
;      bSHEARCHK, [SCHK-I], [SCHK-J], [WT-I], [WT-J], WI, WJ, bSYM, bSIDEHOLE ; 3rd I
ine(STYPE=PSC)
;      bSHEARCHK, bSYM, bHUNCH, [CMPWEB-I], [CMPWEB-J] ; 3rd I
ine(STYPE=PSC-CMPW)
;      bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF-I], [STIFF-J] ; 4th I
ine(STYPE=PSC)
;      [SIZE-A]-i ; 5th I
ine(STYPE=PSC)
;      [SIZE-B]-i ; 6th I
ine(STYPE=PSC)
;      [SIZE-C]-i ; 7th I

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

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ine(STYPE=PSC)
;      [SIZE-D]-i ; 8th I
ine(STYPE=PSC)
;      [SIZE-A]-j ; 9th I
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 I
ine(STYPE=CMP-B/I)
;      SW_i, Hw_i, tw_i, B_i, Bf1_i, tf1_i, B2_i, Bf2_i, tf2_i ; 3rd I
ine(STYPE=CMP-B/I)
;      SW_j, Hw_j, tw_j, B_j, Bf1_j, tf1_j, B2_j, Bf2_j, tf2_j ; 4th I
ine(STYPE=CMP-B/I)
;      N1, N2, Hr, Hr2, tr1, tr2 ; 5th I
ine(STYPE=CMP-B)
;      GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb, bSYM, SW_i, SW_j ; 2nd I
ine(STYPE=CMP-CI/CT)
;      OPT1, OPT2, [JOINT] ; 3rd I
ine(STYPE=CMP-CI/CT)
;      [SIZE-A]-i ; 4th I
ine(STYPE=CMP-CI/CT)
;      [SIZE-B]-i ; 5th I
ine(STYPE=CMP-CI/CT)
;      [SIZE-C]-i ; 6th I
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)

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

```

; 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 ;
; 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

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	고경대교(FSM)_횡방향(부산)

```
; [DATA2] : CCSHAPE 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, HUSERI, HUSERJ, iVERT, VUSERI, VUSERJ  
; [JOINT]   : 8(1CELL, 2CELL), 13(3CELL), 9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB), 0(nCEL  
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 , Sect 1 , CT, 0, 0, 0, 0, 0, 0, NO, PSCM  
        NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO  
        YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO  
        NO, , NO, , , , ,  
        0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0  
        0, 0.5, 0, 0, 0, 0  
        0.25, 0, 0, 0, 0, 0, 0, 0, 0  
        0, 0.5, 0, 0, 0, 0  
  
      2, TAPERED , Sect 2 , CT, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC  
        NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO  
        YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,  
YES, 0, YES, 0, YES, 0, 0, 0, YES, NO  
        NO, , NO, , , , , , , ,  
        0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0  
        0, 0.5, 0, 0, 0, 0  
        0.25, 0, 0, 0, 0, 0, 0, 0, 0  
        0, 0.5, 0, 0, 0, 0  
  
        0, 0.375, 0, 0, 0, 0, 0, 0, 0, 0  
        0, 0.5, 0, 0, 0, 0  
        0.375, 0, 0, 0, 0, 0, 0, 0, 0  
        0, 0.5, 0, 0, 0, 0
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PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

3, TAPERED , Sect 3 , CT, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
 YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
 NO, , NO, , , , , , , , , , ,
 0, 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

 4, PSC , Sect 4 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

 5, PSC , Sect 5 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

 6, TAPERED , Sect 6 , CT, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
 YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
 NO, , NO, , , , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

 7, TAPERED , Sect 7 , CT, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
 YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
 NO, , NO, , , , , , , ,
 0, 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

 8, PSC , Sect 8 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , , ,
 0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.25, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

 9, PSC , Sect 9 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , , ,
 0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.25, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

 10, PSC , Sect 10 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , , ,
 0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

0, 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

 7, TAPERED , Sect 7 , CT, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
 YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
 NO, , NO, , , , , , , ,
 0, 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

 8, PSC , Sect 8 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , , ,
 0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.25, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

 9, PSC , Sect 9 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , , ,
 0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.25, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

 10, PSC , Sect 10 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
 NO, , NO, , , , , , ,
 0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

11, PSC, Sect 11, CT, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
NO, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

12, TAPERED, Sect 12, CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
NO, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0, 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

13, TAPERED, Sect 13, CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
NO, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
0, 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

14, PSC, Sect 14, CT, 0, 0, 0, 0, 0, 0, 0, NO, PSCM

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
NO, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

15, PSC, Sect 15, CT, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
NO, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

16, TAPERED, Sect 16, CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
NO, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0, 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

17, TAPERED, Sect 17, CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
NO, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
0, 0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.375, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

0, 0.5, 0, 0, 0, 0
0.25, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

18, PSC , Sect 18 , CT, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
NO, , NO, , , , ,
0, 0.25, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.25, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

19, PSC , Sect 19 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
NO, , NO, , , , ,
0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

20, PSC , Sect 20 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
NO, , NO, , , , ,
0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

21, PSC , Sect 21 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
NO, , NO, , , , ,
0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

22, PSC , Sect 22 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
NO, , NO, , , , ,
0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

0, 0.5, 0, 0, 0, 0
0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

23, PSC , Sect 23 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
NO, , NO, , , , ,
0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

24, PSC , Sect 24 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
NO, , NO, , , , ,
0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

25, PSC , Sect 25 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
NO, , NO, , , , ,
0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

26, PSC , Sect 26 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
NO, , NO, , , , ,
0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.5, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

27, PSC , Sect 27 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
NO, , NO, , , , ,
0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

28, PSC , Sect 28 , CC, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.25, YES, 0.25, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.5, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.5, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

29, PSC , Sect 29 , CB, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.26, YES, 0.26, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.52, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.52, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

30, TAPERED , Sect 30 , CB, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
 YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
 NO, , NO, , , , , , , , , , ,
 0, 0.52, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.52, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

0, 0.37, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.37, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

31, TAPERED , Sect 31 , CB, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
 YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
 NO, , NO, , , , , , , , , , ,
 0, 0.37, 0, 0, 0, 0, 0, 0, 0, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

0, 0.5, 0, 0, 0, 0
 0.37, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

0, 0.22, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.22, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

32, PSC , Sect 32 , CB, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.11, YES, 0.11, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.22, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.22, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

33, PSC , Sect 33 , CB, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.11, YES, 0.11, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.22, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.22, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

34, PSC , Sect 34 , CB, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.11, YES, 0.11, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.22, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.22, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

35, PSC , Sect 35 , CB, 0, 0, 0, 0, 0, 0, NO, PSCM
 NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO
 YES, YES, 0.11, YES, 0.11, YES, 0, YES, 0, YES, 0, YES, 0, YES, NO
 NO, , NO, , , , , ,
 0, 0.22, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0
 0.22, 0, 0, 0, 0, 0, 0, 0, 0, 0
 0, 0.5, 0, 0, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

36, TAPERED , Sect 36 , CB, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
NO, , NO, , , , , , , , , , ,
0, 0.22, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.22, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

0, 0.37, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.37, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

37, TAPERED , Sect 37 , CB, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM, 1, 1, PSC
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
NO, , NO, , , , , , , , , , ,
0, 0.37, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.37, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

0, 0.52, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.52, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

38, PSC , Sect 38 , CB, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.26, YES, 0.26, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
NO, , NO, , , , , , , , , , ,
0, 0.52, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.52, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

39, PSC , Sect 39 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
NO, , NO, , , , , , , , , , ,

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

40, PSC , Sect 40 , CT, 0, 0, 0, 0, 0, 0, 0, 0, NO, PSCM
NONE, NONE, NO, NO, NO, NO, NO, NO, NO, NO, NO, NO
YES, YES, 0.125, YES, 0.125, YES, 0, YES, 0, YES, 0, YES, 0, 0, YES, NO
NO, , NO, , , , , , , , , , ,
0, 0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0
0.25, 0, 0, 0, 0, 0, 0, 0, 0, 0
0, 0.5, 0, 0, 0, 0

*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
Transverse, INTERNAL, 2, 0.0004161, 0.1, 0, 45, 0.3, 0.0066, 1.86326e+006, 1.56906e
+006, POST, 0.006, 0.006, YES, 0, , , , 0, YES, 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)
; 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/Curv
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=Tendon, Transverse, 1to18 39 40, 0, 0, SPLINE, 2D
, USER, 0, 0, YES, 2
ELEMENT, END-I, 1, I-J
0, YES, 0, 0
Y=0, 0, NO, 0, 0, 0, NONE, , , , NO
Y=12.6, 0, NO, 0, 0, 0, NONE, , , , NO

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

Z=0, -0.1, NO, 0, 0, NONE, , , , NO
Z=6.3, -0.1, NO, 0, 0, NONE, , , , NO
Z=12.6, -0.1, NO, 0, 0, NONE, , , , NO

*STLDCASE : Static Load Cases

; LCNAME, LCTYPE, DESC
Prestress, PS,
Self Weight, D ,
Temperature Gradient, TPG,
System Temperature, T ,
Wind Load(+), W ,
Wind Load(-), W ,
Barrier, D ,
Pavement, D ,

*CONSTRAINT : Supports

; NODE_LIST, CONST(Dx,Dy,Dz,Rx,Ry,Rz), GROUP
29, 001000, Boundary
24, 101000, Boundary

*USE-STLD, Prestress

*TDN-PRESTRESS : Tendon Prestress Loads
; TDN-NAME, FORCE/STRESS, JACKING, BEGIN, END, iGROUTING, GROUP
Tendon, STRESS, BEGIN, 1.304e+006, 0, 0, Load

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

*USE-STLD, Self Weight

; *SELFWEIGHT, X, Y, Z, GROUP
*SELFWEIGHT, 0, 0, -1, Load

; End of data for load case [Self Weight] -----

*USE-STLD, Temperature Gradient

*THERGRAD : Temperature Gradient
; ELEM_LIST, iETYP, TZ, bUSEHZ, HZ, TY, bUSEHY, HY, GROUP
; ELEM_LIST, iETYP, TZ, bUSEHZ, HZ, GROUP
1, 1, 5, YES, 0, 0, YES, 0, Load
2, 1, 5, YES, 0, 0, YES, 0, Load
3, 1, 5, YES, 0, 0, YES, 0, Load
4, 1, 5, YES, 0, 0, YES, 0, Load

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

5, 1, 5, YES, 0, 0, YES, 0, Load
6, 1, 5, YES, 0, 0, YES, 0, Load
7, 1, 5, YES, 0, 0, YES, 0, Load
8, 1, 5, YES, 0, 0, YES, 0, Load
9, 1, 5, YES, 0, 0, YES, 0, Load
10, 1, 5, YES, 0, 0, YES, 0, Load
11, 1, 5, YES, 0, 0, YES, 0, Load
12, 1, 5, YES, 0, 0, YES, 0, Load
13, 1, 5, YES, 0, 0, YES, 0, Load
14, 1, 5, YES, 0, 0, YES, 0, Load
15, 1, 5, YES, 0, 0, YES, 0, Load
16, 1, 5, YES, 0, 0, YES, 0, Load
17, 1, 5, YES, 0, 0, YES, 0, Load
18, 1, 5, YES, 0, 0, YES, 0, Load
39, 1, 5, YES, 0, 0, YES, 0, Load
40, 1, 5, YES, 0, 0, YES, 0, Load

; End of data for load case [Temperature Gradient] -----

*USE-STLD, System Temperature

*ELTEMPER : Element Temperatures

; ELEM_LIST, TEMPER, GROUP
1, 15, Load
2, 15, Load
3, 15, Load
4, 15, Load
5, 15, Load
6, 15, Load
7, 15, Load
8, 15, Load
9, 15, Load
10, 15, Load
11, 15, Load
12, 15, Load
13, 15, Load
14, 15, Load
15, 15, Load
16, 15, Load
17, 15, Load
18, 15, Load
19, 15, Load
20, 15, Load
21, 15, Load
22, 15, Load

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

23, 15, Load
24, 15, Load
25, 15, Load
26, 15, Load
27, 15, Load
28, 15, Load
29, 15, Load
30, 15, Load
31, 15, Load
32, 15, Load
33, 15, Load
34, 15, Load
35, 15, Load
36, 15, Load
37, 15, Load
38, 15, Load
39, 15, Load
40, 15, Load

: End of data for load case [System Temperature] -----

*USE-STLD, Wind Load(+)

*CONLOAD ; Nodal Loads
; NODE_LIST, FX, FY, FZ, MX, MY, MZ, GROUP
1, 2.7, 0, 0, 0, 1.458, 0, Load

*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
20, BEAM , UNILoad, GX, NO , NO, aDir[1], . , . , 0, 2.5, 1, 2.5, 0, 0, 0, 0, Load
, NO, 0, 0, NO,
21, BEAM , UNILoad, GX, NO , NO, aDir[1], . , . , 0, 2.5, 1, 2.5, 0, 0, 0, 0, Load
, NO, 0, 0, NO,
22, BEAM , UNILoad, GX, NO , NO, aDir[1], . , . , 0, 2.5, 1, 2.5, 0, 0, 0, 0, Load
, NO, 0, 0, NO,
23, BEAM , UNILoad, GX, NO , NO, aDir[1], . , . , 0, 2.5, 1, 2.5, 0, 0, 0, 0, Load
, NO, 0, 0, NO,

: End of data for load case [Wind Load(+)] -----

*USE-STLD, Wind Load(-)

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

*CONLOAD ; Nodal Loads
; NODE_LIST, FX, FY, FZ, MX, MY, MZ, GROUP
19, -2.7, 0, 0, 0, -1.458, 0, Load

*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
25, BEAM , UNILoad, GX, NO , NO, aDir[1], . , . , 0, -2.5, 1, -2.5, 0, 0, 0, 0, Lo
ad, NO, 0, 0, NO,
26, BEAM , UNILoad, GX, NO , NO, aDir[1], . , . , 0, -2.5, 1, -2.5, 0, 0, 0, 0, Lo
ad, NO, 0, 0, NO,
27, BEAM , UNILoad, GX, NO , NO, aDir[1], . , . , 0, -2.5, 1, -2.5, 0, 0, 0, 0, Lo
ad, NO, 0, 0, NO,
28, BEAM , UNILoad, GX, NO , NO, aDir[1], . , . , 0, -2.5, 1, -2.5, 0, 0, 0, 0, Lo
ad, NO, 0, 0, NO,

: End of data for load case [Wind Load(-)] -----

*USE-STLD, Barrier

*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, -8.2, 1, -8.2, 0, 0, 0, 0, Lo
ad, NO, 0, 0, NO,
40, BEAM , UNILoad, GZ, NO , NO, aDir[1], . , . , 0, -8.2, 1, -8.2, 0, 0, 0, 0, Lo
ad, NO, 0, 0, NO,

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

*USE-STLD, Pavement

*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

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_횡방향(부산)

2, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
3, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
4, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
5, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
6, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
7, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
8, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
9, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
10, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
11, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
12, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
13, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
14, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
15, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
16, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
17, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
18, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,
39, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -1.84, 1, -1.84, 0, 0, 0, 0, Load, NO, 0, 0, NO,

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

*MVLDCODE : Moving Load Code
; CODE=CODE
CODE=TRANS

*LINELANE(TR) : Traffic Line Lane (Transverse)
; NAME=NAME, ELEM1, FACT1, ELEM2, FACT2, ELEM3, FACT3,

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	Author		File Name	고정대교(FSM)_횡방향(부산)

NAME=LANE, 39, 1, 2, 1, 3, 1, 4, 1, 5, 1, 6, 1, 7, 1, 8, 1, 9, 1, 10, 1, 11, 1
12, 1, 13, 1, 14, 1, 15, 1, 16, 1, 17, 1, 18, 1

*VEHICLE(TR) : Vehicles(Transverse)
; NAME=NAME, P, W, LW, NUM, DW, DV, DE, MEDIANSTRIP, ML, MW, LNUM
NAME=MVHL, 96, 1, 1, 3, 1.8, 1.2, 0.6, NO, 0, 0,

*MVLDCASE(TR) : Moving Load Cases (Tranverse)
; NAME, DESC, MVHLNAME, SCALE, LLANNAME, NUMLANE, SERIAL : 1st line
; LFACTOR1, LFACTOR2, LFACTOR3, ... LFACTORn : 2nd line
MVLd, , MVHL, 1, LANE, 3, 0
1, 1, 0.9, 0.75

*LOADCOMB : Combinations
; NAME=NAME, KIND, ACTIVE, bES, iTYPE, DESC, iSERV-TYPE, nLCOMTYPE : line 1
; ANAL1, LCNAME1, FACT1, ... : from line 2
NAME=Dead, GEN, ACTIVE, 0, 0, , 0, 0
ST, Self Weight, 1, ST, Barrier, 1, ST, Pavement, 1, ST, Prestress, 1
NAME=Temp, GEN, ACTIVE, 0, 0, , 0, 0
ST, Temperature Gradient, 1, ST, System Temperature, 1
NAME=Wind, GEN, ACTIVE, 0, 0, , 0, 0
ST, Wind Load(+), 1, ST, Wind Load(-), 1
NAME=ULT-1, GEN, ACTIVE, 0, 0, , 0, 0
CB, Dead, 1.3, MV, MVLd, 2.15
NAME=ULT-2, GEN, ACTIVE, 0, 0, , 0, 0
CB, Dead, 1.3, MV, MVLd, 1.3, CB, Temp, 1.3
NAME=ULT-3, GEN, ACTIVE, 0, 0, , 0, 0
CB, Dead, 1.3, MV, MVLd, 1.3, CB, Wind, 0.65
NAME=ULT-4, GEN, ACTIVE, 0, 0, , 0, 0
CB, Dead, 1.3, CB, Wind, 1.3
NAME=ULT-5, GEN, ACTIVE, 0, 0, , 0, 0
CB, Dead, 1.25, MV, MVLd, 1.25, CB, Temp, 1.25, CB, Wind, 0.625
NAME=ULT-6, GEN, ACTIVE, 0, 0, , 0, 0
CB, Dead, 1.25, CB, Temp, 1.25, CB, Wind, 1.25
NAME=ULTEnv, GEN, ACTIVE, 0, 1, , 0, 0
CB, ULT-1, 1, CB, ULT-2, 1, CB, ULT-3, 1, CB, ULT-4, 1, CB, ULT-5, 1
CB, ULT-6, 1
NAME=SER-1, GEN, ACTIVE, 0, 0, , 0, 0
CB, Dead, 1, MV, MVLd, 1
NAME=SER-2, GEN, ACTIVE, 0, 0, , 0, 0
CB, Dead, 1, MV, MVLd, 1, CB, Temp, 1
NAME=SER-3, GEN, ACTIVE, 0, 0, , 0, 0
CB, Dead, 1, MV, MVLd, 1, CB, Wind, 0.5

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	Author		File Name	고정대교(FSM)_횡방향(부산)

NAME=SER-4, GEN, ACTIVE, 0, 0, , 0, 0
CB, Dead, 1, MV, MVLD, 1, CB, Temp, 1, CB, Wind, 0.5
NAME=SEREnv, GEN, ACTIVE, 0, 1, , 0, 0
CB, SER-1, 1, CB, SER-2, 1, CB, SER-3, 1, CB, SER-4, 1

*LC-COLOR : Diagram Color for Load Case
; ANAL, LCNAME, iR1(ALL), iG1(ALL), iB1(ALL), iR2(MIN), iG2(MIN), iB2(MIN), iR3(MAX), iG2(MAX), iB2(MAX)
ST, Prestress, 78, 0, 255, 160, 192, 255, 0, 192, 128
ST, Self Weight, 0, 192, 128, 0, 128, 128, 78, 0, 255
ST, Temperature Gradient, 192, 72, 0, 0, 157, 192, 0, 157, 192
ST, System Temperature, 0, 128, 57, 255, 160, 255, 0, 128, 192
ST, Wind Load(+), 255, 255, 87, 255, 255, 87, 210, 210, 210
ST, Wind Load(-), 255, 255, 87, 85, 192, 0, 192, 0, 128
ST, Barrier, 255, 0, 128, 85, 192, 0, 0, 128, 192
ST, Pavement, 255, 87, 128, 160, 255, 255, 0, 128, 255
MV, MVLD, 0, 128, 255, 192, 0, 192, 210, 210, 210
CB, Dead, 210, 210, 210, 148, 87, 255, 0, 128, 128
CB, Temp, 192, 192, 192, 255, 128, 0, 78, 0, 255
CB, Wind, 0, 128, 128, 0, 128, 128, 255, 87, 87
CB, ULT-1, 192, 192, 192, 160, 255, 255, 160, 255, 255
CB, ULT-2, 160, 192, 255, 160, 255, 255, 192, 192, 192
CB, ULT-3, 255, 128, 0, 0, 128, 57, 192, 0, 192
CB, ULT-4, 0, 128, 128, 160, 255, 255, 255, 87, 87
CB, ULT-5, 192, 192, 192, 255, 87, 128, 78, 0, 255
CB, ULT-6, 0, 192, 192, 255, 255, 255, 146, 0, 255
CB, ULTEnv, 0, 192, 128, 0, 192, 192, 0, 192, 192
CB, SER-1, 148, 87, 255, 255, 0, 128, 160, 192, 255
CB, SER-2, 255, 192, 87, 210, 210, 210, 255, 0, 192
CB, SER-3, 148, 87, 255, 255, 87, 87, 85, 0, 192
CB, SER-4, 0, 128, 57, 0, 128, 255, 160, 192, 255
CB, SEREnv, 255, 0, 192, 146, 0, 255, 192, 192, 192

*DGN-MATL : Modify Steel(Concrete) Material
; iMAT, TYPE, MNAME, [DATA1] : STEEL
; iMAT, TYPE, MNAME, [DATA2], [R-DATA], FCI, bSERV, SHORT, LONG : CONC
; iMAT, TYPE, MNAME, [DATA3], [DATA2], [R-DATA] : SRC
; iMAT, TYPE, MNAME, [DATA5] : STEEL(None) & KSCE-A
SD05
; [DATA1] : 1, DB, CODE, NAME or 2, ELAST, POISN, FU, FY1, FY2, FY3, FY4
; FY5, FY6, AFT, AFT2, AFT3, FY, AFV, AFV2, AFV3
; [DATA2] : 1, DB, CODE, NAME or 2, FC, CHK, LAMBDA
; [DATA3] : 1, DB, CODE, NAME or 2, ELAST, FU, FY1, FY2, FY3, FY4
; FY5, FY6, AFT, AFT2, AFT3, FY, AFV, AFV2, AFV3
; [DATA4] : 1, DB, CODE, NAME or 2, FC

PROJECT TITLE :

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	Author		File Name	고정대교(FSM)_횡방향(부산)

; [DATA5] : 3, ELAST, POISN, AL1, AL2, AL3, AL4, AL5, AL6, AL7, AL8, AL9, AL10
; MIN1, MIN2, MIN3
; [R-DATA]: RBCODE, RBMAIN, RBSUB, FY(R), FYS
1, CONC, C40, 1, KS01-Civil(RC), , C40, NO, 1
, , , 0, 0, 28000, NO, 0, 0, , , , 0, NO, 1, , ,
, 0, 0, 0

*ENDDATA