

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

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

*VERSION
8.4.5

*UNIT ; Unit System
: FORCE, LENGTH, HEAT, TEMPER
KN , MM, 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, 2500, 0, 0
3, 5000, 0, 0
4, 7500, 0, 0
5, 10000, 0, 0
6, 12500, 0, 0
7, 15000, 0, 0
8, 17500, 0, 0
9, 20000, 0, 0
10, 22500, 0, 0
11, 25000, 0, 0
12, 27500, 0, 0
13, 30000, 0, 0
14, 32500, 0, 0
15, 35000, 0, 0
16, 37500, 0, 0
17, 40000, 0, 0
18, 42500, 0, 0
19, 45000, 0, 0
20, 47500, 0, 0
21, 50000, 0, 0
22, 52500, 0, 0
23, 55000, 0, 0
24, 57500, 0, 0
25, 60000, 0, 0
26, 62500, 0, 0
27, 65000, 0, 0

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28, 67500, 0, 0
29, 70000, 0, 0
30, 72500, 0, 0
31, 75000, 0, 0
32, 77500, 0, 0
33, 80000, 0, 0
34, 82500, 0, 0
35, 85000, 0, 0
36, 87500, 0, 0
37, 90000, 0, 0
38, 92500, 0, 0
39, 95000, 0, 0
40, 97500, 0, 0
41, 100000, 0, 0
42, 0, 2500, -3000
43, 50000, 2500, -3000
44, 100000, 2500, -3000
45, 0, -2500, -3000
46, 50000, -2500, -3000
47, 100000, -2500, -3000

*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

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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,	1,	21,	22,	0,	0
22, BEAM	,	1,	1,	22,	23,	0,	0
23, BEAM	,	1,	1,	23,	24,	0,	0
24, BEAM	,	1,	1,	24,	25,	0,	0
25, BEAM	,	1,	1,	25,	26,	0,	0
26, BEAM	,	1,	1,	26,	27,	0,	0
27, BEAM	,	1,	1,	27,	28,	0,	0
28, BEAM	,	1,	1,	28,	29,	0,	0
29, BEAM	,	1,	1,	29,	30,	0,	0
30, BEAM	,	1,	1,	30,	31,	0,	0
31, BEAM	,	1,	1,	31,	32,	0,	0
32, BEAM	,	1,	1,	32,	33,	0,	0
33, BEAM	,	1,	1,	33,	34,	0,	0
34, BEAM	,	1,	1,	34,	35,	0,	0
35, BEAM	,	1,	1,	35,	36,	0,	0
36, BEAM	,	1,	1,	36,	37,	0,	0
37, BEAM	,	1,	1,	37,	38,	0,	0
38, BEAM	,	1,	1,	38,	39,	0,	0
39, BEAM	,	1,	1,	39,	40,	0,	0
40, BEAM	,	1,	1,	40,	41,	0,	0

*GROUP : Group
; NAME, NODE_LIST, ELEM_LIST, PLANE_TYPE
Structure G1, 17to41 43 44 46 47, 17to40, 0
Structure G2, 1to17 42 45, 1to16, 0
all , 1to41, 1to40, 0

*BNDR-GROUP : Boundary Group
; NAME, AUTOTYPE
Boundary G1, 135
Boundary G2, 135

*LOAD-GROUP : Load Group
; NAME
Self
2nd Dead
PS-1
PS-2
Diaphragm1
Diaphragm2

*MATERIAL : Material

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; 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+002, 0, 0.0000e+000
, 7.85e-008, 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

*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=
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=

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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, CEB, 0.04, 70, 1000, 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=Comp. Strength, CODE, CEB-FIP(1990), 0.04, 2

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

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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)
; 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)

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```
; [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=COMP-B/I)
; SW_i, Hw_i, tw_i, B_i, Bf1_i, tf1_i, B2_i, Bf2_i, tf2_i ; 3rd l
ine(STYPE=COMP-B/I)
; SW_j, Hw_j, tw_j, B_j, Bf1_j, tf1_j, B2_j, Bf2_j, tf2_j ; 4th l
ine(STYPE=COMP-B/I)
; N1, N2, Hr, Hr2, tr1, tr2 ; 5th l
ine(STYPE=COMP-B)
; GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb, bSYM, SW_i, SW_j ; 2nd l
ine(STYPE=COMP-CI/CT)
; OPT1, OPT2, [JOINT] ; 3rd l
ine(STYPE=COMP-CI/CT)
; [SIZE-A]-i ; 4th l
ine(STYPE=COMP-CI/CT)
; [SIZE-B]-i ; 5th l
ine(STYPE=COMP-CI/CT)
; [SIZE-C]-i ; 6th l
ine(STYPE=COMP-CI/CT)
; [SIZE-D]-i ; 7th l
ine(STYPE=COMP-CI/CT)
; [SIZE-A]-j ; 8th l
ine(STYPE=COMP-CI/CT)
; [SIZE-B]-j ; 9th l
ine(STYPE=COMP-CI/CT)
; [SIZE-C]-j ; 10th
line(STYPE=COMP-CI/CT)
; [SIZE-D]-j ; 11th
line(STYPE=COMP-CI/CT)
; iSEC, TYPE, SNAME, [OFFSET], bSD, STYPE1, STYPE2 ; 1st l
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```
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
; [SIZE-D] ; 6th l
ine
; SW, GN, CTC, Bc, Tc, Hh, EgdEsb, 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
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; [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(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 , MG , CT, 0, 0, 0, 0, 0, 0, YES, 1CEL
, , NO, YES, NO, NO, YES, NO, YES, NO
YES, YES, 2500, YES, 520, YES, 0, YES, 0, YES, 0, YES, 0, 250, YES, NO
NO, , NO,
250, 250, 0, 0, 2500, 0
2800, 0, 1000, 0, 0, 3500
250, 250, 0, 0, 1980, 0, 300, 0, 0, 220
3000, 0, 1500, 0, 3000, 0, 1500, 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

*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

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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)
; 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)

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

```
; [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=COMP-B/I)
; SW_i, Hw_i, tw_i, B_i, Bf1_i, tf1_i, B2_i, Bf2_i, tf2_i ; 3rd l
ine(STYPE=COMP-B/I)
; SW_j, Hw_j, tw_j, B_j, Bf1_j, tf1_j, B2_j, Bf2_j, tf2_j ; 4th l
ine(STYPE=COMP-B/I)
; N1, N2, Hr, Hr2, tr1, tr2 ; 5th l
ine(STYPE=COMP-B)
; GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb, bSYM, SW_i, SW_j ; 2nd l
ine(STYPE=COMP-CI/CT)
; OPT1, OPT2, [JOINT] ; 3rd l
ine(STYPE=COMP-CI/CT)
; [SIZE-A]-i ; 4th l
ine(STYPE=COMP-CI/CT)
; [SIZE-B]-i ; 5th l
ine(STYPE=COMP-CI/CT)
; [SIZE-C]-i ; 6th l
ine(STYPE=COMP-CI/CT)
; [SIZE-D]-i ; 7th l
ine(STYPE=COMP-CI/CT)
; [SIZE-A]-j ; 8th l
ine(STYPE=COMP-CI/CT)
; [SIZE-B]-j ; 9th l
ine(STYPE=COMP-CI/CT)
; [SIZE-C]-j ; 10th
line(STYPE=COMP-CI/CT)
; [SIZE-D]-j ; 11th
line(STYPE=COMP-CI/CT)
; iSEC, TYPE, SNAME, [OFFSET], bSD, STYPE1, STYPE2 ; 1st l
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

```
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
; [SIZE-D] ; 6th l
ine
; SW, GN, CTC, Bc, Tc, Hh, EgdEsb, 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
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

; [SIZE-C] ; 7th line
; [SIZE-D] ; 8th line
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(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, MG, CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, 1CEL
, , NO, YES, NO, NO, YES, NO, YES, NO
YES, YES, 2500, YES, 520, YES, 0, YES, 0, YES, 0, YES, 0, 250, YES, NO
NO, , NO, , , , , ,
250, 250, 0, 0, 2500, 0
2800, 0, 1000, 0, 0, 3500
250, 250, 0, 0, 1980, 0, 300, 0, 0, 220
3000, 0, 1500, 0, 3000, 0, 1500, 0

*TENDON-GROUP : Tendon Group
; NAME
Web_L1
Web_L2
Web_R1
Web_R2

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

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

; bOSRF, FT, FPK, ACHANGE, bRELAX
Tendon, INTERNAL, 2, 2635.3, 100, 8, 5, 0.3, 6.6e-006, 1.86326, 1.56906, POST, 6, 6
, YES, 0, , , , 0, NO, 0
Transverse, INTERNAL, 2, 416.1, 100, 0, 45, 0.3, 6.6e-006, 1.86326, 1.56906, POST,
6, 6, 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/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=TL1, Tendon, 17to40, 0, 0, SPLINE, 3D
Web_L1, USER, 0, 0, NO,
ELEMENT, END-I, 17, I-J
0, YES, 3150, 0
0, 0, -735, NO, 0, 0, 0
5000, 0, -318, YES, 0, 0, 0
10000, 0, -160, YES, 0, 0, 0
18000, 0, -840, YES, 0, 0, 0
29000, 0, -1860, YES, 0, 0, 0
40000, 0, -2200, YES, 0, 0, 0
55000, 0, -1430, YES, 0, 0, 0
60000, 0, -917, YES, 0, 0, 0
NAME=TL11, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 3150, 0
0, 0, -917, NO, 0, 0, 0
5000, 0, -1430, YES, 0, 0, 0
10000, 0, -1858, YES, 0, 0, 0
15000, 0, -2114, YES, 0, 0, 0
20000, 0, -2200, YES, 0, 0, 0
25000, 0, -2126, YES, 0, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

30000, 0, -1906, YES, 0, 0, 0
35000, 0, -1538, YES, 0, 0, 0
40000, 0, -1050, YES, 0, 0, 0
NAME=TL12, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 3150, 0
0, 0, -1413, NO, 0, 0, 0
5000, 0, -1808, YES, 0, 0, 0
10000, 0, -2137, YES, 0, 0, 0
15000, 0, -2334, YES, 0, 0, 0
20000, 0, -2400, YES, 0, 0, 0
25000, 0, -2342, YES, 0, 0, 0
30000, 0, -2167, YES, 0, 0, 0
35000, 0, -1875, YES, 0, 0, 0
40000, 0, -1488, YES, 0, 0, 0
NAME=TL13, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 3150, 0
0, 0, -1909, NO, 0, 0, 0
5000, 0, -2185, YES, 0, 0, 0
10000, 0, -2416, YES, 0, 0, 0
15000, 0, -2554, YES, 0, 0, 0
20000, 0, -2600, YES, 0, 0, 0
25000, 0, -2557, YES, 0, 0, 0
30000, 0, -2428, YES, 0, 0, 0
35000, 0, -2212, YES, 0, 0, 0
40000, 0, -1926, YES, 0, 0, 0
NAME=TL14, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 3150, 0
0, 0, -2405, NO, 0, 0, 0
5000, 0, -2563, YES, 0, 0, 0
10000, 0, -2695, YES, 0, 0, 0
15000, 0, -2774, YES, 0, 0, 0
20000, 0, -2800, YES, 0, 0, 0
25000, 0, -2772, YES, 0, 0, 0
30000, 0, -2688, YES, 0, 0, 0
35000, 0, -2549, YES, 0, 0, 0
40000, 0, -2364, YES, 0, 0, 0
NAME=TL15, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

0, YES, 3350, 0
0, 0, -917, NO, 0, 0, 0
5000, 0, -1430, YES, 0, 0, 0
10000, 0, -1858, YES, 0, 0, 0
15000, 0, -2114, YES, 0, 0, 0
20000, 0, -2200, YES, 0, 0, 0
25000, 0, -2059, YES, 0, 0, 0
30000, 0, -1658, YES, 0, 0, 0
35000, 0, -1204, YES, 0, 0, 0
40000, 0, -750, YES, 0, 0, 0
NAME=TL16, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 3350, 0
0, 0, -1413, NO, 0, 0, 0
5000, 0, -1808, YES, 0, 0, 0
10000, 0, -2137, YES, 0, 0, 0
15000, 0, -2334, YES, 0, 0, 0
20000, 0, -2400, YES, 0, 0, 0
25000, 0, -2400, YES, 0, 0, 0
30000, 0, -2308, YES, 0, 0, 0
35000, 0, -1910, YES, 0, 0, 0
40000, 0, -1250, YES, 0, 0, 0
NAME=TL17, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, 3350, 0
0, 0, -1909, NO, 0, 0, 0
5000, 0, -2185, YES, 0, 0, 0
10000, 0, -2416, YES, 0, 0, 0
15000, 0, -2554, YES, 0, 0, 0
20000, 0, -2600, YES, 0, 0, 0
25000, 0, -2600, YES, 0, 0, 0
30000, 0, -2600, YES, 0, 0, 0
35000, 0, -2554, YES, 0, 0, 0
40000, 0, -1750, YES, 0, 0, 0
NAME=TL18, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_L2, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, -3350, 0
0, 0, -2405, NO, 0, 0, 0
5000, 0, -2563, YES, 0, 0, 0
10000, 0, -2695, YES, 0, 0, 0
15000, 0, -2774, YES, 0, 0, 0
20000, 0, -2800, YES, 0, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

25000, 0, -2800, YES, 0, 0, 0
 30000, 0, -2800, YES, 0, 0, 0
 35000, 0, -2800, YES, 0, 0, 0
 40000, 0, -2250, YES, 0, 0, 0
 NAME=TL2, Tendon, 17to40, 0, 0, SPLINE, 3D
 Web_L1, USER, 0, 0, NO,
 ELEMENT, END-I, 17, I-J
 0, YES, 3150, 0
 0, 0, -1250, NO, 0, 0, 0
 5000, 0, -604, YES, 0, 0, 0
 10000, 0, -360, YES, 0, 0, 0
 18000, 0, -1040, YES, 0, 0, 0
 29000, 0, -2060, YES, 0, 0, 0
 40000, 0, -2400, YES, 0, 0, 0
 55000, 0, -1808, YES, 0, 0, 0
 60000, 0, -1413, YES, 0, 0, 0
 NAME=TL3, Tendon, 17to40, 0, 0, SPLINE, 3D
 Web_L1, USER, 0, 0, NO,
 ELEMENT, END-I, 17, I-J
 0, YES, 3150, 0
 0, 0, -1750, NO, 0, 0, 0
 5000, 0, -886, YES, 0, 0, 0
 10000, 0, -560, YES, 0, 0, 0
 18000, 0, -1240, YES, 0, 0, 0
 29000, 0, -2260, YES, 0, 0, 0
 40000, 0, -2600, YES, 0, 0, 0
 55000, 0, -2185, YES, 0, 0, 0
 60000, 0, -1909, YES, 0, 0, 0
 NAME=TL4, Tendon, 17to40, 0, 0, SPLINE, 3D
 Web_L1, USER, 0, 0, NO,
 ELEMENT, END-I, 17, I-J
 0, YES, 3150, 0
 0, 0, -2250, NO, 0, 0, 0
 5000, 0, -1399, YES, 0, 0, 0
 10000, 0, -760, YES, 0, 0, 0
 18000, 0, -1440, YES, 0, 0, 0
 29000, 0, -2460, YES, 0, 0, 0
 40000, 0, -2800, YES, 0, 0, 0
 55000, 0, -2563, YES, 0, 0, 0
 60000, 0, -2405, YES, 0, 0, 0
 NAME=TL5, Tendon, 17to40, 0, 0, SPLINE, 3D
 Web_L1, USER, 0, 0, NO,
 ELEMENT, END-I, 17, I-J
 0, YES, 3350, 0
 0, 0, -750, NO, 0, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

5000, 0, -322, YES, 0, 0, 0
 10000, 0, -160, YES, 0, 0, 0
 18000, 0, -840, YES, 0, 0, 0
 29000, 0, -1860, YES, 0, 0, 0
 40000, 0, -2200, YES, 0, 0, 0
 55000, 0, -1430, YES, 0, 0, 0
 60000, 0, -917, YES, 0, 0, 0
 NAME=TL6, Tendon, 17to40, 0, 0, SPLINE, 3D
 Web_L1, USER, 0, 0, NO,
 ELEMENT, END-I, 17, I-J
 0, YES, 3350, 0
 0, 0, -1250, NO, 0, 0, 0
 5000, 0, -604, YES, 0, 0, 0
 10000, 0, -360, YES, 0, 0, 0
 18000, 0, -1040, YES, 0, 0, 0
 29000, 0, -2060, YES, 0, 0, 0
 40000, 0, -2400, YES, 0, 0, 0
 55000, 0, -1808, YES, 0, 0, 0
 60000, 0, -1413, YES, 0, 0, 0
 NAME=TL7, Tendon, 17to40, 0, 0, SPLINE, 3D
 Web_L1, USER, 0, 0, NO,
 ELEMENT, END-I, 17, I-J
 0, YES, 3350, 0
 0, 0, -1750, NO, 0, 0, 0
 5000, 0, -886, YES, 0, 0, 0
 10000, 0, -560, YES, 0, 0, 0
 18000, 0, -1240, YES, 0, 0, 0
 29000, 0, -2260, YES, 0, 0, 0
 40000, 0, -2600, YES, 0, 0, 0
 55000, 0, -2185, YES, 0, 0, 0
 60000, 0, -1909, YES, 0, 0, 0
 NAME=TL8, Tendon, 17to40, 0, 0, SPLINE, 3D
 Web_L1, USER, 0, 0, NO,
 ELEMENT, END-I, 17, I-J
 0, YES, 3350, 0
 0, 0, -2250, NO, 0, 0, 0
 5000, 0, -1399, YES, 0, 0, 0
 10000, 0, -760, YES, 0, 0, 0
 18000, 0, -1440, YES, 0, 0, 0
 29000, 0, -2460, YES, 0, 0, 0
 40000, 0, -2800, YES, 0, 0, 0
 55000, 0, -2563, YES, 0, 0, 0
 60000, 0, -2405, YES, 0, 0, 0
 NAME=TR1, Tendon, 17to40, 0, 0, SPLINE, 3D
 Web_R1, USER, 0, 0, NO,

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

ELEMENT, END-I, 17, I-J
0, YES, -3150, 0
0, 0, -735, NO, 0, 0, 0
5000, 0, -318, YES, 0, 0, 0
10000, 0, -160, YES, 0, 0, 0
18000, 0, -840, YES, 0, 0, 0
29000, 0, -1860, YES, 0, 0, 0
40000, 0, -2200, YES, 0, 0, 0
55000, 0, -1430, YES, 0, 0, 0
60000, 0, -917, YES, 0, 0, 0
NAME=TR11, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_R2, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, -3150, 0
0, 0, -917, NO, 0, 0, 0
5000, 0, -1430, YES, 0, 0, 0
10000, 0, -1858, YES, 0, 0, 0
15000, 0, -2114, YES, 0, 0, 0
20000, 0, -2200, YES, 0, 0, 0
25000, 0, -2126, YES, 0, 0, 0
30000, 0, -1906, YES, 0, 0, 0
35000, 0, -1538, YES, 0, 0, 0
40000, 0, -1050, YES, 0, 0, 0
NAME=TR12, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_R2, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, -3150, 0
0, 0, -1413, NO, 0, 0, 0
5000, 0, -1808, YES, 0, 0, 0
10000, 0, -2137, YES, 0, 0, 0
15000, 0, -2334, YES, 0, 0, 0
20000, 0, -2400, YES, 0, 0, 0
25000, 0, -2342, YES, 0, 0, 0
30000, 0, -2167, YES, 0, 0, 0
35000, 0, -1875, YES, 0, 0, 0
40000, 0, -1488, YES, 0, 0, 0
NAME=TR13, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_R2, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, -3150, 0
0, 0, -1909, NO, 0, 0, 0
5000, 0, -2185, YES, 0, 0, 0
10000, 0, -2416, YES, 0, 0, 0
15000, 0, -2554, YES, 0, 0, 0
20000, 0, -2600, YES, 0, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

25000, 0, -2557, YES, 0, 0, 0
30000, 0, -2428, YES, 0, 0, 0
35000, 0, -2212, YES, 0, 0, 0
40000, 0, -1926, YES, 0, 0, 0
NAME=TR14, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_R2, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, -3150, 0
0, 0, -2405, NO, 0, 0, 0
5000, 0, -2563, YES, 0, 0, 0
10000, 0, -2695, YES, 0, 0, 0
15000, 0, -2774, YES, 0, 0, 0
20000, 0, -2800, YES, 0, 0, 0
25000, 0, -2772, YES, 0, 0, 0
30000, 0, -2688, YES, 0, 0, 0
35000, 0, -2549, YES, 0, 0, 0
40000, 0, -2364, YES, 0, 0, 0
NAME=TR15, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_R2, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, -3350, 0
0, 0, -917, NO, 0, 0, 0
5000, 0, -1430, YES, 0, 0, 0
10000, 0, -1858, YES, 0, 0, 0
15000, 0, -2114, YES, 0, 0, 0
20000, 0, -2200, YES, 0, 0, 0
25000, 0, -2059, YES, 0, 0, 0
30000, 0, -1658, YES, 0, 0, 0
35000, 0, -1204, YES, 0, 0, 0
40000, 0, -750, YES, 0, 0, 0
NAME=TR16, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_R2, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, -3350, 0
0, 0, -1413, NO, 0, 0, 0
5000, 0, -1808, YES, 0, 0, 0
10000, 0, -2137, YES, 0, 0, 0
15000, 0, -2334, YES, 0, 0, 0
20000, 0, -2400, YES, 0, 0, 0
25000, 0, -2400, YES, 0, 0, 0
30000, 0, -2308, YES, 0, 0, 0
35000, 0, -1910, YES, 0, 0, 0
40000, 0, -1250, YES, 0, 0, 0
NAME=TR17, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_R2, USER, 0, 0, NO,

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

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ELEMENT, END-I, 1, I-J
0, YES, -3350, 0
0, 0, -1909, NO, 0, 0, 0
5000, 0, -2185, YES, 0, 0, 0
10000, 0, -2416, YES, 0, 0, 0
15000, 0, -2554, YES, 0, 0, 0
20000, 0, -2600, YES, 0, 0, 0
25000, 0, -2600, YES, 0, 0, 0
30000, 0, -2600, YES, 0, 0, 0
35000, 0, -2554, YES, 0, 0, 0
40000, 0, -1750, YES, 0, 0, 0
NAME=TR18, Tendon, 1to16, 0, 0, SPLINE, 3D
Web_R2, USER, 0, 0, NO,
ELEMENT, END-I, 1, I-J
0, YES, -3350, 0
0, 0, -2405, NO, 0, 0, 0
5000, 0, -2563, YES, 0, 0, 0
10000, 0, -2695, YES, 0, 0, 0
15000, 0, -2774, YES, 0, 0, 0
20000, 0, -2800, YES, 0, 0, 0
25000, 0, -2800, YES, 0, 0, 0
30000, 0, -2800, YES, 0, 0, 0
35000, 0, -2800, YES, 0, 0, 0
40000, 0, -2250, YES, 0, 0, 0
NAME=TR2, Tendon, 17to40, 0, 0, SPLINE, 3D
Web_R1, USER, 0, 0, NO,
ELEMENT, END-I, 17, I-J
0, YES, -3150, 0
0, 0, -1250, NO, 0, 0, 0
5000, 0, -604, YES, 0, 0, 0
10000, 0, -360, YES, 0, 0, 0
18000, 0, -1040, YES, 0, 0, 0
29000, 0, -2060, YES, 0, 0, 0
40000, 0, -2400, YES, 0, 0, 0
55000, 0, -1808, YES, 0, 0, 0
60000, 0, -1413, YES, 0, 0, 0
NAME=TR3, Tendon, 17to40, 0, 0, SPLINE, 3D
Web_R1, USER, 0, 0, NO,
ELEMENT, END-I, 17, I-J
0, YES, -3150, 0
0, 0, -1750, NO, 0, 0, 0
5000, 0, -886, YES, 0, 0, 0
10000, 0, -560, YES, 0, 0, 0
18000, 0, -1240, YES, 0, 0, 0
29000, 0, -2260, YES, 0, 0, 0

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PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

```

40000, 0, -2600, YES, 0, 0, 0
55000, 0, -2185, YES, 0, 0, 0
60000, 0, -1909, YES, 0, 0, 0
NAME=TR4, Tendon, 17to40, 0, 0, SPLINE, 3D
Web_R1, USER, 0, 0, NO,
ELEMENT, END-I, 17, I-J
0, YES, -3150, 0
0, 0, -2250, NO, 0, 0, 0
5000, 0, -1399, YES, 0, 0, 0
10000, 0, -760, YES, 0, 0, 0
18000, 0, -1440, YES, 0, 0, 0
29000, 0, -2460, YES, 0, 0, 0
40000, 0, -2800, YES, 0, 0, 0
55000, 0, -2563, YES, 0, 0, 0
60000, 0, -2405, YES, 0, 0, 0
NAME=TR5, Tendon, 17to40, 0, 0, SPLINE, 3D
Web_R1, USER, 0, 0, NO,
ELEMENT, END-I, 17, I-J
0, YES, -3350, 0
0, 0, -750, NO, 0, 0, 0
5000, 0, -322, YES, 0, 0, 0
10000, 0, -160, YES, 0, 0, 0
18000, 0, -840, YES, 0, 0, 0
29000, 0, -1860, YES, 0, 0, 0
40000, 0, -2200, YES, 0, 0, 0
55000, 0, -1430, YES, 0, 0, 0
60000, 0, -917, YES, 0, 0, 0
NAME=TR6, Tendon, 17to40, 0, 0, SPLINE, 3D
Web_R1, USER, 0, 0, NO,
ELEMENT, END-I, 17, I-J
0, YES, -3350, 0
0, 0, -1250, NO, 0, 0, 0
5000, 0, -604, YES, 0, 0, 0
10000, 0, -360, YES, 0, 0, 0
18000, 0, -1040, YES, 0, 0, 0
29000, 0, -2060, YES, 0, 0, 0
40000, 0, -2400, YES, 0, 0, 0
55000, 0, -1808, YES, 0, 0, 0
60000, 0, -1413, YES, 0, 0, 0
NAME=TR7, Tendon, 17to40, 0, 0, SPLINE, 3D
Web_R1, USER, 0, 0, NO,
ELEMENT, END-I, 17, I-J
0, YES, -3350, 0
0, 0, -1750, NO, 0, 0, 0
5000, 0, -886, YES, 0, 0, 0

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_중방향(대구)

10000, 0, -560, YES, 0, 0, 0
18000, 0, -1240, YES, 0, 0, 0
29000, 0, -2260, YES, 0, 0, 0
40000, 0, -2600, YES, 0, 0, 0
55000, 0, -2185, YES, 0, 0, 0
60000, 0, -1909, YES, 0, 0, 0
NAME=TR8, Tendon, 17to40, 0, 0, SPLINE, 3D
Web_R1, USER, 0, 0, NO,
ELEMENT, END-I, 17, I-J
0, YES, -3350, 0
0, 0, -2250, NO, 0, 0, 0
5000, 0, -1399, YES, 0, 0, 0
10000, 0, -760, YES, 0, 0, 0
18000, 0, -1440, YES, 0, 0, 0
29000, 0, -2460, YES, 0, 0, 0
40000, 0, -2800, YES, 0, 0, 0
55000, 0, -2563, YES, 0, 0, 0
60000, 0, -2405, YES, 0, 0, 0

*STLDCASE : Static Load Cases

; LCNAME, LCTYPE, DESC
Self, CS,
PS, CS,
2nd Dead, CS,
Wind+, W, No Live Load
Wind-, W, No Live Load
Wind(L)+, W, Live Load
Wind(L)-, W, Live Load
TG+, TPG,
TG-, TPG,
Temp+, T,
Temp-, T,
Non-Structure, CS,

*CONSTRAINT : Supports

; NODE_LIST, CONST(Dx,Dy,Dz,Rx,Ry,Rz), GROUP
47, 011000, Boundary G1
46, 111000, Boundary G1
44, 001000, Boundary G1
43, 101000, Boundary G1
45, 011000, Boundary G2
42, 001000, Boundary G2

*ELASTIC LINK

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_중방향(대구)

; iNO, iNODE1, iNODE2, LINK, ANGLE, SDx, SDy, SDz, SRx, SRy, SRz, bSHEAR, DRy, DRz, GR
OUP : 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
1, 21, 43, RIGID, 0, NO, 0.5, 0.5, Boundary G1
2, 21, 46, RIGID, 0, NO, 0.5, 0.5, Boundary G1
3, 41, 44, RIGID, 0, NO, 0.5, 0.5, Boundary G1
4, 41, 47, RIGID, 0, NO, 0.5, 0.5, Boundary G1
5, 1, 42, RIGID, 0, NO, 0.5, 0.5, Boundary G2
6, 1, 45, RIGID, 0, NO, 0.5, 0.5, Boundary G2

*USE-STLD, Self

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

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

*USE-STLD, PS

*TDN-PRESTRESS : Tendon Prestress Loads
; TDN-NAME, FORCE/STRESS, JACKING, BEGIN, END, iGROUTING, GROUP
TL1, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TL5, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TL2, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TL6, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TL3, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TL7, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TL4, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TL8, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TR1, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TR2, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TR3, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TR4, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TR5, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TR6, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TR7, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TR8, STRESS, BOTH, 1.304, 1.304, 1, PS-1
TL11, STRESS, BOTH, 1.304, 1.304, 1, PS-2
TL12, STRESS, BOTH, 1.304, 1.304, 1, PS-2
TL13, STRESS, BOTH, 1.304, 1.304, 1, PS-2

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

TL14, STRESS, BOTH, 1.304, 1.304, 1, PS-2
TL15, STRESS, BOTH, 1.304, 1.304, 1, PS-2
TL16, STRESS, BOTH, 1.304, 1.304, 1, PS-2
TL17, STRESS, BOTH, 1.304, 1.304, 1, PS-2
TL18, STRESS, BOTH, 1.304, 1.304, 1, PS-2
TR11, STRESS, BOTH, 1.304, 1.304, 1, PS-2
TR12, STRESS, BOTH, 1.304, 1.304, 1, PS-2
TR13, STRESS, BOTH, 1.304, 1.304, 1, PS-2
TR14, STRESS, BOTH, 1.304, 1.304, 1, PS-2
TR15, STRESS, BOTH, 1.304, 1.304, 1, PS-2
TR16, STRESS, BOTH, 1.304, 1.304, 1, PS-2
TR17, STRESS, BOTH, 1.304, 1.304, 1, PS-2
TR18, STRESS, BOTH, 1.304, 1.304, 1, PS-2

: 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 , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008
366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
1, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0
, 0, 0, 2nd Dead, NO, 0, 0, NO,
1, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.0
08366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
2, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008
366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
2, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.0
08366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
2, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0
, 0, 0, 2nd Dead, NO, 0, 0, NO,
3, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008
366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
3, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0
, 0, 0, 2nd Dead, NO, 0, 0, NO,
3, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.0
08366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
4, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008
366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
4, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

08366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
4, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0
, 0, 0, 2nd Dead, NO, 0, 0, NO,
5, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008
366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
5, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0
, 0, 0, 2nd Dead, NO, 0, 0, NO,
5, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.0
08366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
6, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.0
08366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
6, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0
, 0, 0, 2nd Dead, NO, 0, 0, NO,
6, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008
366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
7, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.0
08366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
7, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008
366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
7, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0
, 0, 0, 2nd Dead, NO, 0, 0, NO,
8, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.0
08366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
8, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0
, 0, 0, 2nd Dead, NO, 0, 0, NO,
8, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008
366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
9, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.0
08366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
9, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008
366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
9, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0
, 0, 0, 2nd Dead, NO, 0, 0, NO,
10, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008
366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
10, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0
, 0, 0, 2nd Dead, NO, 0, 0, NO,
10, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.0
08366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
11, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.0
08366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
11, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008
366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
11, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0
, 0, 0, 2nd Dead, NO, 0, 0, NO,

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

[illegible]

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

[illegible]

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

27, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0 , 0, 0, 2nd Dead, NO, 0, 0, NO,
27, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
27, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
28, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0 , 0, 0, 2nd Dead, NO, 0, 0, NO,
28, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
28, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
29, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
29, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
29, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0 , 0, 0, 2nd Dead, NO, 0, 0, NO,
30, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
30, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
30, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0 , 0, 0, 2nd Dead, NO, 0, 0, NO,
31, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
31, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0 , 0, 0, 2nd Dead, NO, 0, 0, NO,
31, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
32, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
32, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
32, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0 , 0, 0, 2nd Dead, NO, 0, 0, NO,
33, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
33, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0 , 0, 0, 2nd Dead, NO, 0, 0, NO,
33, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
34, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0 , 0, 0, 2nd Dead, NO, 0, 0, NO,
34, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

08366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
34, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
35, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0 , 0, 0, 2nd Dead, NO, 0, 0, NO,
35, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
35, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
36, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
36, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0 , 0, 0, 2nd Dead, NO, 0, 0, NO,
36, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
37, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0 , 0, 0, 2nd Dead, NO, 0, 0, NO,
37, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
37, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
38, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
38, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
38, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0 , 0, 0, 2nd Dead, NO, 0, 0, NO,
39, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0 , 0, 0, 2nd Dead, NO, 0, 0, NO,
39, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
39, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
40, BEAM , UNILoad, GZ, NO , YES, 0, GY, 6075, 6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
40, BEAM , UNILoad, GZ, NO , YES, 0, GY, -6075, -6075, NO, 0, -0.008366, 1, -0.008366, 0, 0, 0, 0, 2nd Dead, NO, 0, 0, NO,
40, BEAM , UNILoad, GZ, NO , NO, aDir[1], , , , 0, -0.021528, 1, -0.021528, 0, 0 , 0, 0, 2nd Dead, NO, 0, 0, NO,

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

*USE-STLD, Wind+

*BEAMLOAD : Element Beam Loads

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

; 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 , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
1, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
2, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
2, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
3, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
3, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
4, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
4, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
5, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
5, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
6, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
6, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
7, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
7, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
8, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
8, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
9, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
9, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
10, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
10, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

11, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
11, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
12, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
12, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
13, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
13, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
14, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
14, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
15, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
15, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
16, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
16, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
17, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
17, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
18, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
18, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
19, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
19, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
20, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
20, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
21, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
21, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -20.81, 1, -20.81, 0, 0, 0, 0,
0, , NO, 0, 0, NO,
22, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0,

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

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, , NO, 0, 0, NO,
22, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
23, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
23, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
24, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
24, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
25, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
25, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
26, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
26, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
27, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
27, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
28, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
28, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
29, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
29, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
30, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
30, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
31, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
31, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
32, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
32, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
33, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,

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PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

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33, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
34, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
34, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
35, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
35, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
36, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
36, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
37, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
37, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
38, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
38, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
39, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,
39, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
40, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0102, 1, 0.0102, 0, 0, 0, 0
, , NO, 0, 0, NO,
40, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -20.81, 1, -20.81, 0, 0, 0,
0, , NO, 0, 0, NO,

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

*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 , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
1, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
0, , NO, 0, 0, NO,

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PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

2, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
2, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
3, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
3, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
4, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
4, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
5, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
5, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
6, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
6, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
7, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
7, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
8, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
8, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
9, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
9, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
10, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
10, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
11, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
11, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
12, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
12, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
13, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

0, , NO, 0, 0, NO,
13, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
14, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
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15, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
15, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
16, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
16, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
17, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
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17, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
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0, , NO, 0, 0, NO,
18, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
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19, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
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19, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
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20, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
21, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
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21, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
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22, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
22, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
23, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,
23, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
24, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0,
0, , NO, 0, 0, NO,

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

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24, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
25, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
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25, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
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26, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
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26, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
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27, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
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27, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
0, , NO, 0, 0, NO,
28, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
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28, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
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29, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
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30, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
30, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
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, , NO, 0, 0, NO,
31, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
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32, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
0, , NO, 0, 0, NO,
32, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
33, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
33, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
0, , NO, 0, 0, NO,
34, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
0, , NO, 0, 0, NO,
34, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
35, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
0, , NO, 0, 0, NO,
35, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0

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PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

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, , NO, 0, 0, NO,
36, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
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36, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
37, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
0, , NO, 0, 0, NO,
37, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
38, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
38, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
0, , NO, 0, 0, NO,
39, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, 20.81, 1, 20.81, 0, 0, 0, 0
, , NO, 0, 0, NO,
39, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
0, , NO, 0, 0, NO,
40, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, -0.0102, 1, -0.0102, 0, 0, 0, 0
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, , NO, 0, 0, NO,

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

*USE-STLD, Wind(L)+

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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    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -10.4, 1, -10.4, 0, 0, 0, 0
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1, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0051, 1, 0.0051, 0, 0, 0, 0
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2, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0051, 1, 0.0051, 0, 0, 0, 0
, , NO, 0, 0, NO,
2, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -10.4, 1, -10.4, 0, 0, 0, 0
, , NO, 0, 0, NO,
3, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0051, 1, 0.0051, 0, 0, 0, 0
, , NO, 0, 0, NO,
3, BEAM    , UNIMOMENT, GX, NO , NO, aDir[1], , , , 0, -10.4, 1, -10.4, 0, 0, 0, 0
, , NO, 0, 0, NO,
4, BEAM    , UNILOAD, GY, NO , NO, aDir[1], , , , 0, 0.0051, 1, 0.0051, 0, 0, 0, 0

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PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

, , NO, 0, 0, NO,
4, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -10.4, 1, -10.4, 0, 0, 0, 0
, , NO, 0, 0, NO,
5, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -10.4, 1, -10.4, 0, 0, 0, 0
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5, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0051, 1, 0.0051, 0, 0, 0, 0
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6, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0051, 1, 0.0051, 0, 0, 0, 0
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6, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -10.4, 1, -10.4, 0, 0, 0, 0
, , NO, 0, 0, NO,
7, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0051, 1, 0.0051, 0, 0, 0, 0
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7, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -10.4, 1, -10.4, 0, 0, 0, 0
, , NO, 0, 0, NO,
8, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0051, 1, 0.0051, 0, 0, 0, 0
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8, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -10.4, 1, -10.4, 0, 0, 0, 0
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9, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0051, 1, 0.0051, 0, 0, 0, 0
, , NO, 0, 0, NO,
9, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -10.4, 1, -10.4, 0, 0, 0, 0
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10, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0051, 1, 0.0051, 0, 0, 0, 0
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10, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -10.4, 1, -10.4, 0, 0, 0, 0
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11, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0051, 1, 0.0051, 0, 0, 0, 0
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13, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -10.4, 1, -10.4, 0, 0, 0, 0
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14, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -10.4, 1, -10.4, 0, 0, 0, 0
, , NO, 0, 0, NO,
14, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0051, 1, 0.0051, 0, 0, 0, 0
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15, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0051, 1, 0.0051, 0, 0, 0, 0
, , NO, 0, 0, NO,

PROJECT TITLE :

	Company		Client	
	Author		File Name	고정대교(FSM)_종방향(대구)

15, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -10.4, 1, -10.4, 0, 0, 0, 0
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16, BEAM , UNIMOMENT, GX, NO , NO, aDir[1], , , 0, -10.4, 1, -10.4, 0, 0, 0, 0
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16, BEAM , UNILOAD, GY, NO , NO, aDir[1], , , 0, 0.0051, 1, 0.0051, 0, 0, 0, 0
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