

MIDAS

PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역				
	Company	(주)동우기술단	Client	
	Author	부설연구소	File Name	논산ACT교

: MIDAS/Civil Text(MCT) File.
: Date : 2013/6/18

*VERSION
8.1.5

*UNIT : Unit System
: FORCE, LENGTH, HEAT, TEMPER
KN , M, KCAL, C

*PROJECT INFO : Project Information
USER=Windows 사용자
ADDRESS=d

*REBAR-MATL-CODE : Rebar Material Code
: CONC_CODE, CONC_MDB, SRC_CODE, SRC_MDB
KS01-Civil(RC), SD240, KS01-Civil(RC), SD240

*NODE : Nodes
: INO, X, Y, Z
101, 95.3011, 0, 0
102, 92.147297440341, 2.41893822945802, 0
103, 98.1800810189691, 5.46198671637465, 0
104, 84.2127322939042, 8.50503520320128, 0
105, 80.2453835688393, 11.5480836902079, 0
106, 76.2780348437743, 14.5911321771245, 0
107, 72.3106861187094, 17.6341806640412, 0
108, 69.5994, 19.7138, 0
109, 68.2472845483163, 20.6024253102803, 0
110, 64.0688880606863, 23.3485139454415, 0
111, 59.8904915730563, 26.0946025806027, 0
112, 55.7120950854263, 28.8406912157638, 0
113, 51.5336985977963, 31.586779850925, 0
114, 47.3553021101663, 34.3326884860862, 0
115, 43.1769056225363, 37.0789571212473, 0
116, 38.9889091349063, 39.8250457549085, 0
117, 34.8201126472763, 42.5711343915897, 0
118, 30.6417161596463, 45.3172230267309, 0
119, 27.7862, 47.1939, 0
120, 26.3512501725515, 47.9454848086012, 0
121, 21.9220219860871, 50.2653851668556, 0
122, 17.4927937996226, 52.58528552511, 0
123, 13.0635656131582, 54.9051858833644, 0
124, 8.63433742668377, 57.2250662416188, 0
125, 4.20510924022934, 59.5449865998733, 0
126, 0, 61.7475, 0
201, 102.2031, 4.2069, 0
202, 97.3429683380449, 7.96332409954696, 0
203, 93.3857112025301, 11.0206494391348, 0
204, 89.4293540690152, 14.077947787227, 0
205, 85.4729698355004, 17.1353001183106, 0
206, 81.5166398019856, 20.1926254578985, 0
207, 77.5602826684708, 23.2499507974865, 0
208, 76.3077, 24.2179, 0

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209, 72.7565436473674, 26.5806037446244, 0
210, 68.5937327885383, 29.3502618017885, 0
211, 64.4309219297091, 32.1199198589527, 0
212, 60.26811107088, 34.8895779161169, 0
213, 56.1053002120509, 37.659235973281, 0
214, 51.9424893532218, 40.4288940304452, 0
215, 47.7796784943927, 43.1985520876093, 0
216, 43.6168676355635, 45.9682101447735, 0
217, 39.4540567767344, 48.7378682019377, 0
218, 35.2912459179053, 51.5075262591018, 0
219, 33.9733, 52.3844, 0
220, 30.3999585326949, 54.2888746595625, 0
221, 25.987523631127, 56.6406587973004, 0
222, 21.5750887395605, 58.9922429350383, 0
223, 17.1626538430082, 61.3439270727762, 0
224, 12.750218946456, 63.6956112105141, 0
225, 8.33778404990375, 66.047295348252, 0
226, 5.7318, 67.4362, 0
501, 98.7521, 2.10345, 0
502, 94.7447490400395, 5.19113116450244, 0
503, 90.7828961107496, 8.24131807775471, 0
504, 86.8210431814597, 11.291504991007, 0
505, 82.8591902521698, 14.3416919042593, 0
506, 78.8973732288, 17.3918788175115, 0
507, 74.9354849335901, 20.4426057307638, 0
508, 72.95355, 21.96585, 0
509, 70.5019140978418, 23.5915145274524, 0
510, 66.3313104246123, 26.349387873615, 0
511, 62.1607067513827, 29.1072612197777, 0
512, 57.9901030781532, 31.8651345659404, 0
513, 53.8194994049236, 34.623007912103, 0
514, 49.6488957316941, 37.3808812582657, 0
515, 45.4782920584645, 40.1387546044283, 0
516, 41.3076883852349, 42.896627950591, 0
517, 37.1370847120054, 45.6545012967537, 0
518, 32.9664810387758, 48.4123746429163, 0
519, 30.87975, 49.78915, 0
520, 28.3758493526082, 51.1171797340818, 0
521, 23.9547728110999, 53.452971982078, 0
522, 19.5339412695916, 55.7887642300742, 0
523, 15.1131097280832, 58.1245564780703, 0
524, 10.6922781865749, 60.4603487260665, 0
525, 6.27144664506654, 62.7961409740626, 0
526, 2.8659, 64.59185, 0

*ELEMENT : Elements

: IEL, TYPE, IMAT, IPRO, IN1, IN2, ANGLE, ISUB, EXVAL, IOPT(EXVAL2) : Frame Element
: IEL, TYPE, IMAT, IPRO, IN1, IN2, ANGLE, ISUB, EXVAL, EXVAL2, bLMT : Comp/Tens Truss
: IEL, TYPE, IMAT, IPRO, IN1, IN2, IN3, IN4, ISUB, IWIID : 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)
101, BEAM , 1, 11, 101, 102, 0
102, BEAM , 1, 12, 102, 103, 0
103, BEAM , 1, 12, 103, 104, 0
104, BEAM , 1, 13, 104, 105, 0
105, BEAM , 1, 14, 105, 106, 0

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	Author	부설연구소	File Name	논산ACT교

106, BEAM , 1, 14, 106, 107, 0
107, BEAM , 1, 14, 107, 108, 0
108, BEAM , 1, 14, 108, 109, 0
109, BEAM , 1, 14, 109, 110, 0
110, BEAM , 1, 15, 110, 111, 0
111, BEAM , 1, 16, 111, 112, 0
112, BEAM , 1, 16, 112, 113, 0
113, BEAM , 1, 16, 113, 114, 0
114, BEAM , 1, 16, 114, 115, 0
115, BEAM , 1, 16, 115, 116, 0
116, BEAM , 1, 15, 116, 117, 0
117, BEAM , 1, 14, 117, 118, 0
118, BEAM , 1, 14, 118, 119, 0
119, BEAM , 1, 14, 119, 120, 0
120, BEAM , 1, 14, 120, 121, 0
121, BEAM , 1, 14, 121, 122, 0
122, BEAM , 1, 13, 122, 123, 0
123, BEAM , 1, 12, 123, 124, 0
124, BEAM , 1, 12, 124, 125, 0
125, BEAM , 1, 11, 125, 126, 0
201, BEAM , 1, 11, 201, 202, 0
202, BEAM , 1, 12, 202, 203, 0
203, BEAM , 1, 12, 203, 204, 0
204, BEAM , 1, 13, 204, 205, 0
205, BEAM , 1, 14, 205, 206, 0
206, BEAM , 1, 14, 206, 207, 0
207, BEAM , 1, 14, 207, 208, 0
208, BEAM , 1, 14, 208, 209, 0
209, BEAM , 1, 14, 209, 210, 0
210, BEAM , 1, 15, 210, 211, 0
211, BEAM , 1, 16, 211, 212, 0
212, BEAM , 1, 16, 212, 213, 0
213, BEAM , 1, 16, 213, 214, 0
214, BEAM , 1, 16, 214, 215, 0
215, BEAM , 1, 16, 215, 216, 0
216, BEAM , 1, 15, 216, 217, 0
217, BEAM , 1, 14, 217, 218, 0
218, BEAM , 1, 14, 218, 219, 0
219, BEAM , 1, 14, 219, 220, 0
220, BEAM , 1, 14, 220, 221, 0
221, BEAM , 1, 14, 221, 222, 0
222, BEAM , 1, 13, 222, 223, 0
223, BEAM , 1, 12, 223, 224, 0
224, BEAM , 1, 12, 224, 225, 0
225, BEAM , 1, 11, 225, 226, 0
401, BEAM , 2, 2, 101, 501, 0
402, BEAM , 2, 2, 102, 502, 0
403, BEAM , 2, 2, 103, 503, 0
404, BEAM , 2, 2, 104, 504, 0
405, BEAM , 2, 2, 105, 505, 0
406, BEAM , 2, 2, 106, 506, 0
407, BEAM , 2, 2, 107, 507, 0
408, BEAM , 2, 2, 508, 108, 0
409, BEAM , 2, 2, 109, 509, 0
410, BEAM , 2, 2, 110, 510, 0
411, BEAM , 2, 2, 111, 511, 0

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	Author	부설연구소	File Name	논산ACT교

412, BEAM , 2, 2, 112, 512, 0
413, BEAM , 2, 2, 113, 513, 0
414, BEAM , 2, 2, 114, 514, 0
415, BEAM , 2, 2, 115, 515, 0
416, BEAM , 2, 2, 116, 516, 0
417, BEAM , 2, 2, 117, 517, 0
418, BEAM , 2, 2, 118, 518, 0
419, BEAM , 2, 2, 119, 519, 0
420, BEAM , 2, 2, 120, 520, 0
421, BEAM , 2, 2, 121, 521, 0
422, BEAM , 2, 2, 122, 522, 0
423, BEAM , 2, 2, 123, 523, 0
424, BEAM , 2, 2, 124, 524, 0
425, BEAM , 2, 2, 125, 525, 0
426, BEAM , 2, 2, 126, 526, 0
501, BEAM , 2, 2, 501, 201, 0
502, BEAM , 2, 2, 502, 202, 0
503, BEAM , 2, 2, 503, 203, 0
504, BEAM , 2, 2, 504, 204, 0
505, BEAM , 2, 2, 505, 205, 0
506, BEAM , 2, 2, 506, 206, 0
507, BEAM , 2, 2, 507, 207, 0
508, BEAM , 2, 2, 208, 508, 0
509, BEAM , 2, 2, 509, 209, 0
510, BEAM , 2, 2, 510, 210, 0
511, BEAM , 2, 2, 511, 211, 0
512, BEAM , 2, 2, 512, 212, 0
513, BEAM , 2, 2, 513, 213, 0
514, BEAM , 2, 2, 514, 214, 0
515, BEAM , 2, 2, 515, 215, 0
516, BEAM , 2, 2, 516, 216, 0
517, BEAM , 2, 2, 517, 217, 0
518, BEAM , 2, 2, 518, 218, 0
519, BEAM , 2, 2, 519, 219, 0
520, BEAM , 2, 2, 520, 220, 0
521, BEAM , 2, 2, 521, 221, 0
522, BEAM , 2, 2, 522, 222, 0
523, BEAM , 2, 2, 523, 223, 0
524, BEAM , 2, 2, 524, 224, 0
525, BEAM , 2, 2, 525, 225, 0
526, BEAM , 2, 2, 526, 226, 0
801, BEAM , 3, 3, 501, 502, 0
802, BEAM , 3, 3, 502, 503, 0
803, BEAM , 3, 3, 503, 504, 0
804, BEAM , 3, 3, 504, 505, 0
805, BEAM , 3, 3, 505, 506, 0
806, BEAM , 3, 3, 506, 507, 0
807, BEAM , 3, 3, 507, 508, 0
808, BEAM , 3, 3, 508, 509, 0
809, BEAM , 3, 3, 509, 510, 0
810, BEAM , 3, 3, 510, 511, 0
811, BEAM , 3, 3, 511, 512, 0
812, BEAM , 3, 3, 512, 513, 0
813, BEAM , 3, 3, 513, 514, 0
814, BEAM , 3, 3, 514, 515, 0
815, BEAM , 3, 3, 515, 516, 0

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Company		(주)풍우기술단				Client			
MIDAS									
Author		부설연구소				File Name		논산3기교	
816, BEAM	,	3,	3,	516,	517,	0			
817, BEAM	,	3,	3,	517,	518,	0			
818, BEAM	,	3,	3,	518,	519,	0			
819, BEAM	,	3,	3,	519,	520,	0			
820, BEAM	,	3,	3,	520,	521,	0			
821, BEAM	,	3,	3,	521,	522,	0			
822, BEAM	,	3,	3,	522,	523,	0			
823, BEAM	,	3,	3,	523,	524,	0			
824, BEAM	,	3,	3,	524,	525,	0			
825, BEAM	,	3,	3,	525,	526,	0			
*GROUP : Group									
NAME, NODE_LIST, ELEM_LIST, PLANE_TYPE									
G1	,	,	,	101to125,	0				
G2	,	,	,	201to225,	0				
CB	,	,	,	401to426	501to526,	0			
ST	,	,	,	801to825,	0				
p1	,	,	,	119	219,	0			
p2	,	,	,	108	208,	0			
*MATERIAL : Material									
IMAT, TYPE, MNAME, SPHEAT, HEATCO, PLAST, TUNIT, bMASS, DAMPRATIO, [DATA1] : STEEL, CONC, USE									
R									
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 : Orthotropic									
[DATA2] : 1, DB, NAME, CODE or 2, ELAST, POISN, THERMAL, DEN, MASS									
1, STEEL, SWS490 , 0, 0, , C, NO, 0.02, 2, 2.0594e+008, 0.3, 1.2000e-005, 136.28, 0									
2, STEEL, SWS400C , 0, 0, , C, NO, 0.02, 2, 2.0594e+008, 0.3, 1.2000e-005, 94.558, 0									
3, STEEL, SWS400S , 0, 0, , C, NO, 0.02, 2, 2.0594e+008, 0.3, 1.2000e-005, 110.89, 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									
3, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5									
*SECTION : Section									
ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, [DATA1], [DATA2] : 1st line - DB/USER									
ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, BLT, D1, ..., DB, ICEL : 1st line - VALUE									
AREA, ASy, ASz, lxx, lyy, lzz : 2nd line									
CyP, CyM, CzP, CzM, QyB, QzB, PERI_OUT, PERI_IN, Cy, Cz : 3rd line									
Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy, Zzz : 4th line									
ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, POIC, SF : 1st line - SRC									
D1, D2, [SRC] : 2nd line									
ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 1, DB, NAME1, NAME2, D1, D2 : 1st line - COMBINED									
ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 2, D11, D12, D13, D14, D15, D21, D22, D23, D24 : 1st line - TAPERED									
ISEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, iyVAR, izVAR, STYPE : 1st line(STYPE=DB)									
DB, NAME1, NAME2 : 2nd line(STYPE=USER)									
[D1M1], [D1M2] : 2nd line(STYPE=VALUE)									
D11, D12, D13, D14, D15, D16, D17, D18									
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MIDAS	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	논산3기교
:	AREA1, ASy1, ASz1, lxx1, lyy1, lzz1			: 3rd line(STYPE=VALUE)
:	CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1			: 4th line(STYPE=VALUE)
:	Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2			: 5th line(STYPE=VALUE)
:	D21, D22, D23, D24, D25, D26, D27, D28			: 6th line(STYPE=VALUE)
:	AREA2, ASy2, ASz2, lxx2, lyy2, lzz2			: 7th line(STYPE=VALUE)
:	CyP2, CyM2, CzP2, CzM2, QyB2, QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2			: 8th line(STYPE=VALUE)
:	Y21, Y22, Y23, Y24, Z21, Z22, Z23, Z24, Zyy2, Zzz2			: 9th line(STYPE=VALUE)
:	OPT1, OPT2, [JOINT]			: 2nd line(STYPE=PSC)
:	ELAST, DEN, POIS, POIC			: 2nd line(STYPE=PSC-CMPWF)
)				
:	bSHEARCHK, [SOHK-I], [SOHK-J], [WT-I], [WT-J], W1, WJ, bSYM, bSIDEHOLE			: 3rd line(STYPE=PSC)
:	bSHEARCHK, bSYM, bHUNCH, [CMPWEB-I], [CMPWEB-J]			: 3rd line(STYPE=PSC-CMPWF)
)				
:	bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF-I], [STIFF-J]			: 4th line(STYPE=PSC)
:	[SIZE-A]-i			: 5th line(STYPE=PSC)
:	[SIZE-B]-i			: 6th line(STYPE=PSC)
:	[SIZE-C]-i			: 7th line(STYPE=PSC)
:	[SIZE-D]-i			: 8th line(STYPE=PSC)
:	[SIZE-A]-j			: 9th line(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 line(STYPE=OMP-B/I)
:				
:	SW-I, Hw-I, tw-I, B-I, Bf1-I, tf1-I, B2-I, Bf2-I, tf2-I			: 3rd line(STYPE=OMP-B/I)
:				
:	SW-J, Hw-J, tw-J, B-J, Bf1-J, tf1-J, B2-J, Bf2-J, tf2-J			: 4th line(STYPE=OMP-B/I)
:				
:	N1, N2, Hr, Hr2, tr1, tr2			: 5th line(STYPE=OMP-B)
:	GN, CTC, Bc, Tc, Hh, EgdDsb, DgdDsb, Pgd, Psb, bSYM, SW-I, SW-J			: 2nd line(STYPE=OMP-CI/C)
:				
:	OPT1, OPT2, [JOINT]			: 3rd line(STYPE=OMP-CI/C)
)				
:	[SIZE-A]-i			: 4th line(STYPE=OMP-CI/C)
)				
:	[SIZE-B]-i			: 5th line(STYPE=OMP-CI/C)
)				
:	[SIZE-C]-i			: 6th line(STYPE=OMP-CI/C)
)				
:	[SIZE-D]-i			: 7th line(STYPE=OMP-CI/C)
)				
:	[SIZE-A]-j			: 8th line(STYPE=OMP-CI/C)
)				
:	[SIZE-B]-j			: 9th line(STYPE=OMP-CI/C)
)				
:	[SIZE-C]-j			: 10th line(STYPE=OMP-CI/C)
)				
:	[SIZE-D]-j			: 11th line(STYPE=OMP-CI/C)
)				
:	ISEC, TYPE, SNAME, [OFFSET], bSD, STYPE1, STYPE2			: 1st line - CONSTRUCT
:	SHAPE, ... (same with other type data from shape)			: Before (STYPE1)
:	SHAPE, ... (same with other type data from shape)			: After (STYPE2)
:	ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE			: 1st line - COMPOSITE-SB
:				
:	Hw, tw, B, Bf1, tf1, B2, Bf2, tf2			: 2nd line
:	N1, N2, Hr, Hr2, tr1, tr2			: 3rd line

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	Author	부설연구소	File Name	논산3CT교

: GN, CTC, Bc, To, Hh, EsEc, DsDc, Ps, Pc, bMULTI, EsEc-L, EsEc-S : 2nd line(STYPE=OMP-B/I)

: SW_L, Hw_L, tw_L, B_L, Bf1_L, tf1_L, B2_L, Bf2_L, tf2_L : 3rd line(STYPE=OMP-B/I)

: SW_L, Hw_L, tw_L, B_L, Bf1_L, tf1_L, B2_L, Bf2_L, tf2_L : 4th line(STYPE=OMP-B/I)

: N1, N2, Hr, Hr2, tr1, tr2 : 5th line(STYPE=OMP-B)

: GN, CTC, Bc, To, Hh, EgdEsb, DgdDsb, Pgd, Psb, bSYM, SW_L, SW_L : 2nd line(STYPE=OMP-CI/C)

T) : OPT1, OPT2, [JOINT] : 3rd line(STYPE=OMP-CI/C)

T) : [SIZE-A]-i : 4th line(STYPE=OMP-CI/C)

T) : [SIZE-B]-i : 5th line(STYPE=OMP-CI/C)

T) : [SIZE-C]-i : 6th line(STYPE=OMP-CI/C)

T) : [SIZE-D]-i : 7th line(STYPE=OMP-CI/C)

T) : [SIZE-A]-j : 8th line(STYPE=OMP-CI/C)

T) : [SIZE-B]-j : 9th line(STYPE=OMP-CI/C)

T) : [SIZE-C]-j : 10th line(STYPE=OMP-CI/C)

CT) : [SIZE-D]-j : 11th line(STYPE=OMP-CI/C)

CT)

: ISEC, TYPE, SNAME, [OFFSET], bSD, STYPE1, STYPE2 : 1st line - CONSTRUCT

: SHAPE, ...(same with other type data from shape) : Before (STYPE1)

: SHAPE, ...(same with other type data from shape) : After (STYPE2)

: ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE : 1st line - COMPOSITE-SB

: Hw, tw, B, Bf1, tf1, B2, Bf2, tf2 : 2nd line

: N1, N2, Hr, Hr2, tr1, tr2 : 3rd line

: SW, GN, CTC, Bc, To, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh : 4th line

: ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE : 1st line - COMPOSITE-SI

: Hw, tw, B, tf1, B2, tf2 : 2nd line

: SW, GN, CTC, Bc, To, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh : 3rd line

: ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE : 1st line - COMPOSITE-CI

/CT

: OPT1, OPT2, [JOINT] : 2nd line

: [SIZE-A] : 3rd line

: [SIZE-B] : 4th line

: [SIZE-C] : 5th line

: [SIZE-D] : 6th line

: SW, GN, CTC, Bc, To, Hh, EgdEsb, DgdDsb, Pgd, Psb : 7th line

: ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE : 1st line - PSC

: OPT1, OPT2, [JOINT] : 2nd line

: bSHEARCHK, [SCHK], [WT], WIDTH, bSYM, bSIDEHOLE : 3rd line

: bUSERDEFMESH1SIZE, MESH1SIZE, bUSERINPSTIFF, [STIFF] : 4th line

: [SIZE-A] : 5th line

: [SIZE-B] : 6th line

: [SIZE-C] : 7th line

: [SIZE-D] : 8th line

: [DATA1] : 1, DB, NAME or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10

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PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역

Company	(주)동우기술단	Client	
Author	부설연구소	File Name	논산3CT교

: [DATA2] : CSHAPE 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, HUSER, IVERT, VUSER1, VUSERJ
: [JOINT] : 8(ICELL, 2CELL), 13(3CELL), 9(PSCM), 8(PSCH), 9(PSCT), 2(PSOB), 0(ncELL), 2(ncEL2)
: [SIZE-A] : 6(ICELL, 2CELL), 10(3CELL), 10(PSCM), 6(PSCH), 8(PSCT), 10(PSOB), 5(ncELL), 11(ncEL2)
: [SIZE-B] : 6(ICELL, 2CELL), 12(3CELL), 6(PSCM), 6(PSCH), 8(PSCT), 6(PSOB), 8(ncELL), 18(ncEL2)
: [SIZE-C] : 10(ICELL, 2CELL), 13(3CELL), 9(PSCM), 10(PSCH), 7(PSCT), 8(PSOB), 0(ncELL), 11(ncEL2)
: [SIZE-D] : 8(ICELL, 2CELL), 13(3CELL), 6(PSCM), 7(PSCH), 8(PSCT), 5(PSOB), 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
: [CMWCB] : EPD, LRF, A, B, H, T
2, DBUSER Crossbeam , CT, 0, 0, 0, 0, 0, 0, YES, H , 2, 1.5, 0.3, 0.012, 0.012, 0.3, 0
.012, 0.006, 0, 0, 0
3, DBUSER Stringer , CT, 0, 0, 0, 0, 0, 0, YES, H , 2, 0.8, 0.25, 0.01, 0.012, 0.25,
0.012, 0.035, 0, 0, 0
11, COMPOSITE 11 , CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.5, 0.1, 0.012, 2.5, 0.1, 0.012
0, 0, 0.15, 0.15, 0.014, 0.014
12.6, 2, 7.2, 6.3, 0.25, 0, 8, 0, 0, 0, NO, ,
12, COMPOSITE 12 , CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.5, 0.1, 0.012, 2.5, 0.1, 0.014
0, 0, 0.15, 0.15, 0.014, 0.014
12.6, 2, 7.2, 6.3, 0.25, 0, 8, 0, 0, 0, NO, ,
13, COMPOSITE 13 , CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.5, 0.1, 0.014, 2.5, 0.1, 0.014
0, 0, 0.15, 0.15, 0.014, 0.014
12.6, 2, 7.2, 6.3, 0.25, 0, 8, 0, 0, 0, NO, ,
14, COMPOSITE 14 , CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.5, 0.1, 0.02, 2.5, 0.1, 0.02
0, 0, 0.15, 0.15, 0.014, 0.014
12.6, 2, 7.2, 6.3, 0.25, 0, 8, 0, 0, 0, NO, ,
15, COMPOSITE 15 , CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.02
0, 0, 0.15, 0.15, 0.014, 0.014
12.6, 2, 7.2, 6.3, 0.25, 0, 8, 0, 0, 0, NO, ,
16, COMPOSITE 16 , CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016
0, 0, 0.15, 0.15, 0.014, 0.014
12.6, 2, 7.2, 6.3, 0.25, 0, 8, 0, 0, 0, NO, ,

*STLDCASE : Static Load Cases
: LCNAM, LCTYPE, DESC
DL(BC), D ,
DL(AC), D ,
WL(No Live), USER,
WL(Live), USER,
Unit Moment, USER,
Temp(+), T ,
Temp(-), T ,

*LOCALAXIS : Node Local Axis

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PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역

Company	(주)동우기술단	Client	
Author	부설연구소	File Name	논산3CT교

: NODE_LIST, IMETHOO, ANGLE-x, ANGLE-y, ANGLE-z : IMETHOO=1
: NODE_LIST, IMETHOO, POX, POY, POZ, P1X, P1Y, P1Z, P2X, P2Y, P2Z : IMETHOO=2
: NODE_LIST, IMETHOO, V1X, V1Y, V1Z, V2X, V2Y, V2Z : IMETHOO=3
101, 1, 0, 0, 142.51
108, 1, 0, 0, 144.6
119, 1, 0, 0, 149.52
126, 1, 0, 0, 152.36
201, 1, 0, 0, 142.51
208, 1, 0, 0, 144.6
219, 1, 0, 0, 149.52
226, 1, 0, 0, 152.36

*CONSTRAINT : Supports
: NODE_LIST, CONST(Dx,Dy,Dz,Rx,Ry,Rz), GROUP
119, 111111,
219, 101000,
201 208 226, 001000,
101 108 126, 011000,

: *LOADTOASS, DIR, bNODAL, bBEAM, bFLOOR, bPRES, GRAV
: LCNAM1, FACTOR1, LCNAM2, FACTOR2, ... : from line 1
*LOADTOASS, XYZ, YES, YES, YES, YES, 9.806
DL(BC), 1, DL(AC), 1

*USE-STLD, DL(BC)

: *SELFWEIGHT, X, Y, Z, GROUP
*SELFWEIGHT, 0, 0, -1,

*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, bECCDIR, I-END, J-END, bJ-END
: [ADDITIONAL] : bADDITIONAL, bADDITIONAL_I-END, bADDITIONAL_J-END, bADDITIONAL_J-END
101, BEAM, UNILOAD, LX, NO, NO, aDir[1], , , , 0, -0.942, 1, 0.942, 0, 0, 0, 0, , NO, 0, 0, NO
101, BEAM, UNILOAD, GZ, NO, NO, aDir[1], , , , 0, -40.11, 1, -40.11, 0, 0, 0, 0, , NO, 0, 0, NO
102, BEAM, UNILOAD, GZ, NO, NO, aDir[1], , , , 0, -40.11, 1, -40.11, 0, 0, 0, 0, , NO, 0, 0, NO
102, BEAM, UNILOAD, LX, NO, NO, aDir[1], , , , 0, -0.942, 1, 0.942, 0, 0, 0, 0, , NO, 0, 0, NO
103, BEAM, UNILOAD, LX, NO, NO, aDir[1], , , , 0, -0.942, 1, 0.942, 0, 0, 0, 0, , NO, 0, 0, NO
103, BEAM, UNILOAD, GZ, NO, NO, aDir[1], , , , 0, -40.11, 1, -40.11, 0, 0, 0, 0, , NO, 0, 0, NO
104, BEAM, UNILOAD, LX, NO, NO, aDir[1], , , , 0, -0.942, 1, 0.942, 0, 0, 0, 0, , NO, 0, 0, NO
104, BEAM, UNILOAD, GZ, NO, NO, aDir[1], , , , 0, -40.11, 1, -40.11, 0, 0, 0, 0, , NO, 0, 0, NO
105, BEAM, UNILOAD, LX, NO, NO, aDir[1], , , , 0, -0.942, 1, 0.942, 0, 0, 0, 0, , NO, 0, 0, NO
105, BEAM, UNILOAD, GZ, NO, NO, aDir[1], , , , 0, -40.11, 1, -40.11, 0, 0, 0, 0, , NO, 0, 0, NO
106, BEAM, UNILOAD, LX, NO, NO, aDir[1], , , , 0, -0.942, 1, 0.942, 0, 0, 0, 0, , NO, 0, 0, NO
106, BEAM, UNILOAD, GZ, NO, NO, aDir[1], , , , 0, -40.11, 1, -40.11, 0, 0, 0, 0, , NO, 0, 0, NO
107, BEAM, UNILOAD, GZ, NO, NO, aDir[1], , , , 0, -40.11, 1, -40.11, 0, 0, 0, 0, , NO, 0, 0, NO
107, BEAM, UNILOAD, LX, NO, NO, aDir[1], , , , 0, -0.942, 1, 0.942, 0, 0, 0, 0, , NO, 0, 0, NO
108, BEAM, UNILOAD, LX, NO, NO, aDir[1], , , , 0, -0.942, 1, 0.942, 0, 0, 0, 0, , NO, 0, 0, NO
108, BEAM, UNILOAD, GZ, NO, NO, aDir[1], , , , 0, -40.11, 1, -40.11, 0, 0, 0, 0, , NO, 0, 0, NO
109, BEAM, UNILOAD, LX, NO, NO, aDir[1], , , , 0, -0.942, 1, 0.942, 0, 0, 0, 0, , NO, 0, 0, NO
109, BEAM, UNILOAD, GZ, NO, NO, aDir[1], , , , 0, -40.11, 1, -40.11, 0, 0, 0, 0, , NO, 0, 0, NO
110, BEAM, UNILOAD, LX, NO, NO, aDir[1], , , , 0, -0.942, 1, 0.942, 0, 0, 0, 0, , NO, 0, 0, NO
110, BEAM, UNILOAD, GZ, NO, NO, aDir[1], , , , 0, -40.11, 1, -40.11, 0, 0, 0, 0, , NO, 0, 0, NO
111, BEAM, UNILOAD, LX, NO, NO, aDir[1], , , , 0, -0.942, 1, 0.942, 0, 0, 0, 0, , NO, 0, 0, NO

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Author	부설연구소	File Name	논산3차교

215, LINE , UNILOAD, LY, NO , NO , aDir[1], . . . , 0, 12.24, 1, 12.24, 0, 0, 0, 0, . NO, 0, 0, NO
216, LINE , UNILOAD, LY, NO , NO , aDir[1], . . . , 0, 12.24, 1, 12.24, 0, 0, 0, 0, . NO, 0, 0, NO
216, LINE , UNIMOMENT, LX, NO , NO , aDir[1], . . . , 0, 8.69, 1, 8.69, 0, 0, 0, 0, . NO, 0, 0, NO
217, LINE , UNILOAD, LY, NO , NO , aDir[1], . . . , 0, 12.24, 1, 12.24, 0, 0, 0, 0, . NO, 0, 0, NO
217, LINE , UNIMOMENT, LX, NO , NO , aDir[1], . . . , 0, 8.69, 1, 8.69, 0, 0, 0, 0, . NO, 0, 0, NO
218, LINE , UNILOAD, LY, NO , NO , aDir[1], . . . , 0, 12.24, 1, 12.24, 0, 0, 0, 0, . NO, 0, 0, NO
218, LINE , UNIMOMENT, LX, NO , NO , aDir[1], . . . , 0, 8.69, 1, 8.69, 0, 0, 0, 0, . NO, 0, 0, NO
219, LINE , UNIMOMENT, LX, NO , NO , aDir[1], . . . , 0, 8.69, 1, 8.69, 0, 0, 0, 0, . NO, 0, 0, NO
219, LINE , UNILOAD, LY, NO , NO , aDir[1], . . . , 0, 12.24, 1, 12.24, 0, 0, 0, 0, . NO, 0, 0, NO
220, LINE , UNIMOMENT, LX, NO , NO , aDir[1], . . . , 0, 8.69, 1, 8.69, 0, 0, 0, 0, . NO, 0, 0, NO
220, LINE , UNILOAD, LY, NO , NO , aDir[1], . . . , 0, 12.24, 1, 12.24, 0, 0, 0, 0, . NO, 0, 0, NO
221, LINE , UNILOAD, LY, NO , NO , aDir[1], . . . , 0, 12.24, 1, 12.24, 0, 0, 0, 0, . NO, 0, 0, NO
221, LINE , UNIMOMENT, LX, NO , NO , aDir[1], . . . , 0, 8.69, 1, 8.69, 0, 0, 0, 0, . NO, 0, 0, NO
222, LINE , UNIMOMENT, LX, NO , NO , aDir[1], . . . , 0, 8.69, 1, 8.69, 0, 0, 0, 0, . NO, 0, 0, NO
222, LINE , UNILOAD, LY, NO , NO , aDir[1], . . . , 0, 12.24, 1, 12.24, 0, 0, 0, 0, . NO, 0, 0, NO
223, LINE , UNILOAD, LY, NO , NO , aDir[1], . . . , 0, 12.24, 1, 12.24, 0, 0, 0, 0, . NO, 0, 0, NO
223, LINE , UNIMOMENT, LX, NO , NO , aDir[1], . . . , 0, 8.69, 1, 8.69, 0, 0, 0, 0, . NO, 0, 0, NO
224, LINE , UNILOAD, LY, NO , NO , aDir[1], . . . , 0, 12.24, 1, 12.24, 0, 0, 0, 0, . NO, 0, 0, NO
224, LINE , UNIMOMENT, LX, NO , NO , aDir[1], . . . , 0, 8.69, 1, 8.69, 0, 0, 0, 0, . NO, 0, 0, NO
225, LINE , UNILOAD, LY, NO , NO , aDir[1], . . . , 0, 12.24, 1, 12.24, 0, 0, 0, 0, . NO, 0, 0, NO
225, LINE , UNIMOMENT, LX, NO , NO , aDir[1], . . . , 0, 8.69, 1, 8.69, 0, 0, 0, 0, . NO, 0, 0, NO

: End of data for load case [WL{No Live}] -----

*USE-STLD, Unit Moment

*BEAMLLOAD : 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
101, BEAM , CONNMOMENT, LY, NO , NO , aDir[1], . . . , 0, 1, 1, 0, 0, 0, 0, 0, 0, . NO, 0, 0, NO
125, BEAM , CONNMOMENT, LY, NO , NO , aDir[1], . . . , 1, -1, 0, 0, 0, 0, 0, 0, . NO, 0, 0, NO
201, BEAM , CONNMOMENT, LY, NO , NO , aDir[1], . . . , 0, 1, 1, 0, 0, 0, 0, 0, 0, . NO, 0, 0, NO
225, BEAM , CONNMOMENT, LY, NO , NO , aDir[1], . . . , 1, -1, 0, 0, 0, 0, 0, 0, . NO, 0, 0, NO

: End of data for load case [Unit Moment] -----

*USE-STLD, Temp(+)

: *SYSTEMPER, SYSTEMP, GROUP
*SYSTEMPER, 50,

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

*USE-STLD, Temp(-)

: *SYSTEMPER, SYSTEMP, GROUP
*SYSTEMPER, -10,

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

*MVLDCODE : Moving Load Code
: CODE=CODE
CODE=KOREA

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Company	(주)동우기술단	Client	
Author	부설연구소	File Name	논산3차교

*LINELANE : Traffic Line Lanes

: NAME=NAME, LOIST, GROUP, SKEWS, SKEWE, MOVING, LW, WS : line 1
: : IELEM1, ECC1, FACT1, bSPAN1, . . . : from line 2

NAME=L1, CROSS, CB, 70, 70, BACKWARD, 3, 0
125, -0.5, 0.2083, YES, 124, -0.5, 0.2083, NO
123, -0.5, 0.2083, NO, 122, -0.5, 0.2083, NO
121, -0.5, 0.2083, NO, 120, -0.5, 0.2083, NO
119, -0.5, 0.2083, NO, 118, -0.5, 0.1667, YES
117, -0.5, 0.1667, NO, 116, -0.5, 0.1667, NO
115, -0.5, 0.1667, NO, 114, -0.5, 0.1667, NO
113, -0.5, 0.1667, NO, 112, -0.5, 0.1667, NO
111, -0.5, 0.1667, NO, 110, -0.5, 0.1667, NO
109, -0.5, 0.1667, NO, 108, -0.5, 0.1667, NO
107, -0.5, 0.2083, YES, 106, -0.5, 0.2083, NO
105, -0.5, 0.2083, NO, 104, -0.5, 0.2083, NO
103, -0.5, 0.2083, NO, 102, -0.5, 0.2083, NO
101, -0.5, 0.2083, NO

NAME=L1-(Copy1), CROSS, CB, 70, 70, BACKWARD, 3, 0
125, -0.55, 0.2083, YES, 124, -0.55, 0.2083, NO
123, -0.55, 0.2083, NO, 122, -0.55, 0.2083, NO
121, -0.55, 0.2083, NO, 120, -0.55, 0.2083, NO
119, -0.55, 0.2083, NO, 118, -0.55, 0.1667, YES
117, -0.55, 0.1667, NO, 116, -0.55, 0.1667, NO
115, -0.55, 0.1667, NO, 114, -0.55, 0.1667, NO
113, -0.55, 0.1667, NO, 112, -0.55, 0.1667, NO
111, -0.55, 0.1667, NO, 110, -0.55, 0.1667, NO
109, -0.55, 0.1667, NO, 108, -0.55, 0.1667, NO
107, -0.55, 0.2083, YES, 106, -0.55, 0.2083, NO
105, -0.55, 0.2083, NO, 104, -0.55, 0.2083, NO
103, -0.55, 0.2083, NO, 102, -0.55, 0.2083, NO
101, -0.55, 0.2083, NO

NAME=L2, CROSS, CB, 70, 70, BACKWARD, 3, 0
825, 0, 0.2083, YES, 824, 0, 0.2083, NO, 823, 0, 0.2083, NO
822, 0, 0.2083, NO, 821, 0, 0.2083, NO, 820, 0, 0.2083, NO
819, 0, 0.2083, NO, 818, 0, 0.1667, YES, 817, 0, 0.1667, NO
816, 0, 0.1667, NO, 815, 0, 0.1667, NO, 814, 0, 0.1667, NO
813, 0, 0.1667, NO, 812, 0, 0.1667, NO, 811, 0, 0.1667, NO
810, 0, 0.1667, NO, 809, 0, 0.1667, NO, 808, 0, 0.1667, NO
807, 0, 0.2083, YES, 806, 0, 0.2083, NO, 805, 0, 0.2083, NO
804, 0, 0.2083, NO, 803, 0, 0.2083, NO, 802, 0, 0.2083, NO
801, 0, 0.2083, NO

NAME=L2-(Copy1), CROSS, CB, 70, 70, BACKWARD, 3, 0
825, -0.75, 0.2083, YES, 824, -0.75, 0.2083, NO
823, -0.75, 0.2083, NO, 822, -0.75, 0.2083, NO
821, -0.75, 0.2083, NO, 820, -0.75, 0.2083, NO
819, -0.75, 0.2083, NO, 818, -0.75, 0.1667, YES
817, -0.75, 0.1667, NO, 816, -0.75, 0.1667, NO
815, -0.75, 0.1667, NO, 814, -0.75, 0.1667, NO
813, -0.75, 0.1667, NO, 812, -0.75, 0.1667, NO
811, -0.75, 0.1667, NO, 810, -0.75, 0.1667, NO
809, -0.75, 0.1667, NO, 808, -0.75, 0.1667, NO
807, -0.75, 0.2083, YES, 806, -0.75, 0.2083, NO
805, -0.75, 0.2083, NO, 804, -0.75, 0.2083, NO
803, -0.75, 0.2083, NO, 802, -0.75, 0.2083, NO
801, -0.75, 0.2083, NO

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Company	(주)동우기술단	Client	
Author	부설연구소	File Name	논산3차교

NAME=L3, CROSS, CB, 70, 70, BACKWARD, 3, 0
225, 0.5, 0.2083, YES, 224, 0.5, 0.2083, NO, 223, 0.5, 0.2083, NO
222, 0.5, 0.2083, NO, 221, 0.5, 0.2083, NO, 220, 0.5, 0.2083, NO
219, 0.5, 0.2083, NO, 218, 0.5, 0.1667, YES, 217, 0.5, 0.1667, NO
216, 0.5, 0.1667, NO, 215, 0.5, 0.1667, NO, 214, 0.5, 0.1667, NO
213, 0.5, 0.1667, NO, 212, 0.5, 0.1667, NO, 211, 0.5, 0.1667, NO
210, 0.5, 0.1667, NO, 209, 0.5, 0.1667, NO, 208, 0.5, 0.1667, NO
207, 0.5, 0.2083, YES, 206, 0.5, 0.2083, NO, 205, 0.5, 0.2083, NO
204, 0.5, 0.2083, NO, 203, 0.5, 0.2083, NO, 202, 0.5, 0.2083, NO
201, 0.5, 0.2083, NO

NAME=L3-(Copy1), LANE, , 0, 0, BACKWARD, 3, 0
225, -0.95, 0.2083, YES, 224, -0.95, 0.2083, NO
223, -0.95, 0.2083, NO, 222, -0.95, 0.2083, NO
221, -0.95, 0.2083, NO, 220, -0.95, 0.2083, NO
219, -0.95, 0.2083, NO, 218, -0.95, 0.1667, YES
217, -0.95, 0.1667, NO, 216, -0.95, 0.1667, NO
215, -0.95, 0.1667, NO, 214, -0.95, 0.1667, NO
213, -0.95, 0.1667, NO, 212, -0.95, 0.1667, NO
211, -0.95, 0.1667, NO, 210, -0.95, 0.1667, NO
209, -0.95, 0.1667, NO, 208, -0.95, 0.1667, NO
207, -0.95, 0.2083, YES, 206, -0.95, 0.2083, NO
205, -0.95, 0.2083, NO, 204, -0.95, 0.2083, NO
203, -0.95, 0.2083, NO, 202, -0.95, 0.2083, NO
201, -0.95, 0.2083, NO

*LSUPPORT : Lane Supports - Negative Moments at Interior Piers
: ITYPE, ELEM_LIST, POSITION : (When ITYPE=0)
: ITYPE, GRUP-NAME : (When ITYPE=1)
0, 101 108 119 201 208 219, END-I
0, 107 118 125 207 218 225, END-J

*VEHICLE : Vehicles
: If Moving Load Code is China : standard
: NAME=NAME, 1, TYPE-NAME, CODE : user: line 1
: : LOAD1, DIST1, LOAD2, DIST2, . . . : user: from line 2
: [TRUCK/LANE] : 1, P, Qm, Qq : truck(JTG)
: [TRUCK/LANE] : 2, P, Qm, Qq : lane load1
: [TRUCK/LANE] : 3, Qk, Pk1, L1, Pk2, L2 : lane load2
: [TRUCK/LANE] : 4, dw, dd : crawler type
: [TRUCK/LANE] : 5 : GC type load
: [TRAIN/SUBWAY] : ITYPE, W1, D1, W2, D2 : train-type1,3
: [TRAIN/SUBWAY] : ITYPE, DO, FO, BO, MAINCOUNT : train-type2
: [TRAIN/SUBWAY] : 4, P1, D1, P2, D2, P3, D3, P4, dD, Po, n, IFR : subway
: [CROWD] : 1, dw1 : crowd-type1
: [CROWD] : 2, dw1, dl1, dw2, dl2, WIDTH : crowd-type2
: If Moving Load Type is India : standard
NAME=NAME, 1, TYPE-NAME, CODE : user: line 1
NAME=NAME, 2, bWTB, P, D, Pb, Ob, dD1, dD2, NDIST : user: line 1
NAME=NAME, 2, bWTB, dD1, dD2, NDIST : user: from line 2
: : LOAD1, DIST1, LOAD2, DIST2, . . . : user: from line 2
: [DYNA] : nDYNA, FACT1AXLE, FACT2AXLE, FACT3AXLE : Dynamic Load Allowance

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MIDAS

PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역

Company	(주)동우기술단	Client	
Author	부설연구소	File Name	논산3차교

: If Moving Load Code is BS
: NAME=NAME, 1, TYPE-NAME, CODE, UNITNUM : standard
: NAME=NAME, FACTOR1, FACTOR2, FACTOR3, FACTOR4 : HA, HA & HB, HA & HB(Auto)
: NAME=NAME, 2, ISTYPE, W1, W2, W3, L, Pa, Pb, D1, D2, d, UNITNUM : user(BS 5400)
: NAME=NAME, 2, ISTYPE, [B037/01-HA], [B037/01-HB] : user(BS B037/01)
: NAME=NAME, 2, ISTYPE, W, L : user(Pedestrian)
: [BS-DATA-HA] : W1, W2, W3, EXP, L1, L2, Pa
: [BS-DATA-HB] : Pb, D1, D2, d, UNITNUM
: If Moving Load Code is EUROCODE
: NAME=NAME, 1, ITYPE, TYPE-NAME, PSY1, PSY2, PHI, [AF7] : standard (LM1, FLMI)
: NAME=NAME, 1, ITYPE, TYPE-NAME, bOF, bU, PHI, PSY, ADJ, IN : standard (others)
: NAME=NAME, 2, 1, [AF7] : user(Type 1)
: : [LOAD7], D, PHI, TPSY, UPSY : user(Type 1): line 2
: NAME=NAME, 2, ALP, TPSY, W, BET, LPSY, P1, D1, P2, D2, . . . : user(Type 2)
: NAME=NAME, 2, 3 : user(Type 3)
: : [LOADCASE1] : user(Type 3): line 2
: : [LOADCASE2] : user(Type 3): line 3
: : [LOADCASE3] : user(Type 3): line 4
: NAME=NAME, 2, 4, WS, V, AN, MINS, MAXS, DYF, U1, F, P1, D1, P2, D2, . . . : user(Type 4)
: NAME=NAME, 2, 5, INT, bPHI1, PHI1, bPHI2, PHI2 : user(Type 5)
: : [VEHICLE1] : user(Type 5): line 2
: : [VEHICLE2] : user(Type 5): line 3
: : [VEHICLE3] : user(Type 5): line 4
: [AF7] : TF1, TF2, TF3, UF1, UF2, UF3, UF4 : adjustment factor
: : [LOAD7] : TL1, TL2, TL3, UL1, UL2, UL3, UL4 : tandem/udl loads
: : [LOADCASE] : bUSE, N, bOF, bU1, PHI, P1, L1, P2, L2, . . . : load case
: [VEHICLE] : bUSE, N, P1, L1, P2, L2, . . . : vehicle
: If Moving Load Code is RUSSIA
: NAME=NAME, 1, ITYPE, K, nDYNAFAC, dDYNAFAC : standard (SK)
: NAME=NAME, 1, ITYPE, K, nDYNAFAC, dDYNAFAC : standard (SK FATIGUE)
: NAME=NAME, 1, ITYPE, K, nDYNAFAC, dDYNAFAC : standard (AK)
: NAME=NAME, 1, ITYPE, K, nDYNAFAC, dDYNAFAC : standard (N14)
: NAME=NAME, 1, ITYPE, K, nDYNAFAC, dDYNAFAC : standard (N11)
: NAME=NAME, 1, ITYPE, nDYNAFAC, dDYNAFAC : standard (SUBWAY TRAINS)
: NAME=NAME, 1, ITYPE, nDYNAFAC, dDYNAFAC : standard (TRAMCARS)
: NAME=NAME, 1, ITYPE, nDYNAFAC, dDYNAFAC : standard (NK-80)
: NAME=NAME, 1, ITYPE, W, D, nDYNAFAC, dDYNAFAC : standard (NG-60)
: NAME=NAME, 1, ITYPE, BRIDGETYPE, W : standard (UNIFORM LOAD)
: NAME=NAME, 1, ITYPE, BRIDGETYPE, W : standard (UNIFORM LOAD/W/O OTHER LOADS))
: NAME=NAME, 1, ITYPE, BRIDGETYPE, P (W/O OTHER LOADS)) : standard (CONCENTRATED LOAD)
: NAME=NAME, 2, ITYPE, W, nDYNAFAC, dDYNAFAC : user (Type 2)
: NAME=NAME, 2, ITYPE, nDYNAFAC, dDYNAFAC : user (Type 2)
: NAME=NAME, 2, ITYPE, Variable, nDYNAFAC, dDYNAFAC : user (Type 3)
: NAME=NAME, 2, ITYPE, nDYNAFAC, dDYNAFAC : user (Type 4)
: NAME=NAME, 2, ITYPE, nDYNAFAC, dDYNAFAC : user (Type 5)
: NAME=NAME, 2, ITYPE, W, D, nDYNAFAC, dDYNAFAC : user (Type 6)
: NAME=NAME, 2, ITYPE, P, W : user (Type 7)
: If Moving Load Code is KSCE-LS012 : standard
: NAME=NAME, 1, TYPE-NAME, nLANETYPE, dDYNAFAC, CODE : user: line 1
: NAME=NAME, 2, W1 : user: from line 2
: : LOAD1, DIST1, LOAD2, DIST2, . . . : user: from line 2
: If Moving Load Code is AASHTO LRFD, CANADA and Load Type is Permit Truck : user(Permit Truck)
: NAME=NAME, 3, AXLE-TYPE-NUM, IMP-FACTOR : user(Permit Truck)
: : AXLE-TYPE-NAME1, bEDWL1, bSV1, P1, D1, P2, D2, . . . , Pn, Dn : user(from line 2)

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