

MIDAS

PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역				
	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	검상교-하행선

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

*VERSION
8.1.5

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

*PROJ 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, 0, 7.5111, 0
102, 2.01965625, 8.8995875, 0
103, 4.0393125, 10.288075, 0
104, 8.078625, 13.06505, 0
105, 12.1179375, 15.842025, 0
106, 16.15725, 18.619, 0
107, 20.1965625, 21.395975, 0
108, 24.235875, 24.17295, 0
109, 28.2751875, 26.949925, 0
110, 31.9009939011181, 29.4426199154702, 0
111, 32.3145, 29.7269, 0
112, 36.31905, 32.66624, 0
113, 40.3236, 35.60558, 0
114, 44.32815, 38.54492, 0
115, 48.3327, 41.48428, 0
116, 52.33725, 44.4236, 0
117, 56.3418, 47.36294, 0
118, 60.34635, 50.30228, 0
119, 64.3509, 53.24162, 0
120, 68.35545, 56.18096, 0
121, 71.9025038456735, 58.7844977684511, 0
122, 72.36, 59.1203, 0
123, 76.2448125, 62.1273875, 0
124, 80.129625, 65.134475, 0
125, 84.0144375, 68.1415625, 0
126, 87.89925, 71.14865, 0
127, 91.7840625, 74.1557375, 0
128, 95.688875, 77.162825, 0
129, 99.5536875, 80.1699125, 0
130, 103.4385, 83.177, 0
201, 2.5224, 0, 0
202, 6.3186927222601, 2.6003943455517, 0
203, 6.5884625, 2.786525, 0
204, 8.32071733514666, 3.97366154905871, 0

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205, 10.654525, 5.57305, 0
206, 12.3867798351467, 6.76018654905871, 0
207, 14.7205875, 8.359575, 0
208, 16.4528423351467, 9.54671154905871, 0
209, 18.78665, 11.1461, 0
210, 20.5189048351467, 12.3332365490587, 0
211, 22.8527125, 13.932625, 0
212, 24.5849673351467, 15.1197615490587, 0
213, 26.918775, 16.71915, 0
214, 28.6510298351467, 17.9062865490587, 0
215, 30.9848375, 19.505675, 0
216, 32.7170923351467, 20.6928115490587, 0
217, 34.6968121467426, 22.0495390336972, 0
218, 35.0509, 22.2322, 0
219, 36.7454793907719, 23.5325228161939, 0
220, 39.07952, 25.24089, 0
221, 40.7740993907719, 26.4812128161939, 0
222, 43.10814, 28.18958, 0
223, 44.8027193907719, 29.4299028161939, 0
224, 47.13676, 31.13827, 0
225, 48.8313393907719, 32.3785928161939, 0
226, 51.16538, 34.08696, 0
227, 52.8599593907719, 35.3272828161939, 0
228, 55.194, 37.03565, 0
229, 56.8865793907719, 38.2759728161939, 0
230, 59.22262, 39.98434, 0
231, 60.9171993907719, 41.2246628161939, 0
232, 63.25124, 42.93303, 0
233, 64.9458193907719, 44.1733528161939, 0
234, 67.27986, 45.88172, 0
235, 68.9744393907719, 47.1220428161939, 0
236, 71.30848, 48.83041, 0
237, 73.0030593907719, 50.0707328161939, 0
238, 74.939721551654, 51.4882446061298, 0
239, 75.3371, 51.7791, 0
240, 76.9990357470918, 53.0628326717578, 0
241, 79.2401125, 54.7939125, 0
242, 80.9020482470918, 56.0776451717578, 0
243, 83.143125, 57.808725, 0
244, 84.8050607470918, 59.0924576717578, 0
245, 87.0461375, 60.8235375, 0
246, 88.7080732470918, 62.1072701717578, 0
247, 90.94915, 63.83835, 0
248, 92.6110857470918, 65.1220826717578, 0
249, 94.8521625, 66.8531625, 0
250, 96.5140982470918, 68.1368951717578, 0
251, 98.755175, 69.867975, 0
252, 100.417110747092, 71.1517076717578, 0
253, 102.6581875, 72.8827875, 0
254, 104.320123247092, 74.1665201717578, 0
255, 106.5612, 75.8978, 0
501, 1.2612, 3.75555, 0
502, 4.168259611113, 5.74999092277859, 0
503, 6.18001491757333, 7.13086827452936, 0
504, 10.2327024175733, 9.91261827452936, 0
505, 14.2853899175733, 12.6943682745294, 0

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506, 18.3380774175733, 15.4761182745294, 0
507, 22.3907649175733, 18.2576882745294, 0
508, 26.4434524175733, 21.0386182745294, 0
509, 30.4961398175733, 23.8213882745294, 0
510, 33.2989030239305, 25.7460794745837, 0
511, 34.5299896953859, 26.629711408097, 0
512, 38.5465746953859, 29.573726408097, 0
513, 42.5631596953859, 32.517741408097, 0
514, 46.5797446953859, 35.461756408097, 0
515, 50.5963296953859, 38.405771408097, 0
516, 54.6129146953859, 41.349786408097, 0
517, 58.6294996953859, 44.293801408097, 0
518, 62.6460846953859, 47.237816408097, 0
519, 66.6626896953859, 50.181831406097, 0
520, 70.6792546953859, 53.125849408097, 0
521, 73.421112896638, 55.136311972905, 0
522, 74.6795178735459, 56.0915663358789, 0
523, 78.5734303735459, 59.1025163358789, 0
524, 82.4673428735459, 62.1134663358789, 0
525, 86.361253735459, 65.1244163358789, 0
526, 90.2551678735459, 68.1353663358789, 0
527, 94.1490803735459, 71.1463163358789, 0
528, 98.0429928735459, 74.1572663358789, 0
529, 101.936905373546, 77.1682163358789, 0
530, 104.99985, 79.5373, 0

*ELEMENT : Elements
: IEL, TYPE, IMAT, IPRD, IN1, IN2, ANGLE, ISUB, EXVAL, iOPT(EXVAL2) : Frame Element
: IEL, TYPE, IMAT, IPRD, IN1, IN2, ANGLE, ISUB, EXVAL2, bLMT : Comp/Tens Truss
: IEL, TYPE, IMAT, IPRD, IN1, IN2, IN3, IN4, ISUB, iWID : Planar Element
: IEL, TYPE, IMAT, IPRD, IN1, IN2, IN3, IN4, IN5, IN6, IN7, IN8 : Solid Element
: IEL, TYPE, IMAT, IPRD, IN1, IN2, REF, RPX, RPY, RPZ, ISUB, EXVAL : Frame(Ref. Point)
101, BEAM , 1, 11, 101, 102, 0
102, BEAM , 1, 11, 102, 103, 0
103, BEAM , 1, 11, 103, 104, 0
104, BEAM , 1, 12, 104, 105, 0
105, BEAM , 1, 12, 105, 106, 0
106, BEAM , 1, 12, 106, 107, 0
107, BEAM , 1, 12, 107, 108, 0
108, BEAM , 1, 13, 108, 109, 0
109, BEAM , 1, 14, 109, 110, 0
110, BEAM , 1, 14, 110, 111, 0
111, BEAM , 1, 14, 111, 112, 0
112, BEAM , 1, 13, 112, 113, 0
113, BEAM , 1, 15, 113, 114, 0
114, BEAM , 1, 11, 114, 115, 0
115, BEAM , 1, 11, 115, 116, 0
116, BEAM , 1, 11, 116, 117, 0
117, BEAM , 1, 11, 117, 118, 0
118, BEAM , 1, 15, 118, 119, 0
119, BEAM , 1, 13, 119, 120, 0
120, BEAM , 1, 14, 120, 121, 0
121, BEAM , 1, 14, 121, 122, 0
122, BEAM , 1, 14, 122, 123, 0
123, BEAM , 1, 13, 123, 124, 0
124, BEAM , 1, 12, 124, 125, 0

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	Author	부설연구소	File Name	검상교-하행선

125, BEAM , 1, 12, 125, 126, 0
126, BEAM , 1, 12, 126, 127, 0
127, BEAM , 1, 12, 127, 128, 0
128, BEAM , 1, 11, 128, 129, 0
129, BEAM , 1, 11, 129, 130, 0
201, BEAM , 1, 11, 201, 202, 0
202, BEAM , 1, 11, 202, 203, 0
203, BEAM , 1, 11, 203, 204, 0
204, BEAM , 1, 11, 204, 205, 0
205, BEAM , 1, 12, 205, 206, 0
206, BEAM , 1, 12, 206, 207, 0
207, BEAM , 1, 12, 207, 208, 0
208, BEAM , 1, 12, 208, 209, 0
209, BEAM , 1, 12, 209, 210, 0
210, BEAM , 1, 12, 210, 211, 0
211, BEAM , 1, 12, 211, 212, 0
212, BEAM , 1, 12, 212, 213, 0
213, BEAM , 1, 13, 213, 214, 0
214, BEAM , 1, 13, 214, 215, 0
215, BEAM , 1, 14, 215, 216, 0
216, BEAM , 1, 14, 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, 13, 220, 221, 0
221, BEAM , 1, 13, 221, 222, 0
222, BEAM , 1, 15, 222, 223, 0
223, BEAM , 1, 15, 223, 224, 0
224, BEAM , 1, 11, 224, 225, 0
225, BEAM , 1, 11, 225, 226, 0
226, BEAM , 1, 11, 226, 227, 0
227, BEAM , 1, 11, 227, 228, 0
228, BEAM , 1, 11, 228, 229, 0
229, BEAM , 1, 11, 229, 230, 0
230, BEAM , 1, 11, 230, 231, 0
231, BEAM , 1, 11, 231, 232, 0
232, BEAM , 1, 15, 232, 233, 0
233, BEAM , 1, 15, 233, 234, 0
234, BEAM , 1, 13, 234, 235, 0
235, BEAM , 1, 13, 235, 236, 0
236, BEAM , 1, 14, 236, 237, 0
237, BEAM , 1, 14, 237, 238, 0
238, BEAM , 1, 14, 238, 239, 0
239, BEAM , 1, 14, 239, 240, 0
240, BEAM , 1, 14, 240, 241, 0
241, BEAM , 1, 13, 241, 242, 0
242, BEAM , 1, 13, 242, 243, 0
243, BEAM , 1, 12, 243, 244, 0
244, BEAM , 1, 12, 244, 245, 0
245, BEAM , 1, 12, 245, 246, 0
246, BEAM , 1, 12, 246, 247, 0
247, BEAM , 1, 12, 247, 248, 0
248, BEAM , 1, 12, 248, 249, 0
249, BEAM , 1, 12, 249, 250, 0
250, BEAM , 1, 12, 250, 251, 0
251, BEAM , 1, 11, 251, 252, 0

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252, BEAM	,	1,	11,	252,	253, 0
253, BEAM	,	1,	11,	253,	254, 0
254, BEAM	,	1,	11,	254,	255, 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,	108,	508, 0
409, BEAM	,	2,	2,	109,	509, 0
410, BEAM	,	2,	2,	110,	510, 0
411, BEAM	,	2,	2,	111,	511, 0
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
427, BEAM	,	2,	2,	127,	527, 0
428, BEAM	,	2,	2,	128,	528, 0
429, BEAM	,	2,	2,	129,	529, 0
430, BEAM	,	2,	2,	130,	530, 0
501, BEAM	,	2,	2,	501,	201, 0
502, BEAM	,	2,	2,	502,	202, 0
503, BEAM	,	2,	2,	503,	204, 0
504, BEAM	,	2,	2,	504,	206, 0
505, BEAM	,	2,	2,	505,	208, 0
506, BEAM	,	2,	2,	506,	210, 0
507, BEAM	,	2,	2,	507,	212, 0
508, BEAM	,	2,	2,	508,	214, 0
509, BEAM	,	2,	2,	509,	216, 0
510, BEAM	,	2,	2,	510,	217, 0
511, BEAM	,	2,	2,	511,	219, 0
512, BEAM	,	2,	2,	512,	221, 0
513, BEAM	,	2,	2,	513,	223, 0
514, BEAM	,	2,	2,	514,	225, 0
515, BEAM	,	2,	2,	515,	227, 0
516, BEAM	,	2,	2,	516,	229, 0
517, BEAM	,	2,	2,	517,	231, 0
518, BEAM	,	2,	2,	518,	233, 0
519, BEAM	,	2,	2,	519,	235, 0
520, BEAM	,	2,	2,	520,	237, 0
521, BEAM	,	2,	2,	521,	238, 0
522, BEAM	,	2,	2,	522,	240, 0
523, BEAM	,	2,	2,	523,	242, 0

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			Client	File Name	검상교-하행선
524, BEAM	,	2,	2,	524,	244, 0
525, BEAM	,	2,	2,	525,	246, 0
526, BEAM	,	2,	2,	526,	248, 0
527, BEAM	,	2,	2,	527,	250, 0
528, BEAM	,	2,	2,	528,	252, 0
529, BEAM	,	2,	2,	529,	254, 0
530, BEAM	,	2,	2,	530,	255, 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
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
826, BEAM	,	3,	3,	526,	527, 0
827, BEAM	,	3,	3,	527,	528, 0
828, BEAM	,	3,	3,	528,	529, 0
829, BEAM	,	3,	3,	529,	530, 0

*GROUP : Group

: NAME, NODE_LIST, ELEM_LIST, PLANE_TYPE
G1 : 101 103to109 111to120 122to130, 101to129, 0
G2 : 201to215by2 218to236by2 239to255by2, 201to254, 0
CB : , 401to430 501to530, 0
ST : , , 0
p1 : 121 238, , 0
p2 : 110 217, , 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, Sky, Skz, 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, 91.71, 0
2, STEEL, SWS400C , 0, 0, , C, NO, 0.02, 2, 2.0594e+008, 0.3, 1.2000e-005, 207.64, 0

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		Author	부설연구소		
			Client	File Name	검상교-하행선
3, STEEL, SWS400S	,	0, 0, , C, NO, 0.02, 2, 2.0594e+008,	0.3, 1.2000e-005,	207.64,	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, 255, NO, 0.5
2, 255,	0,	0,	0, 255,	0,	0, 255, NO, 0.5
3, 255,	0,	0,	0, 255,	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					
: AREA1, ASy1, ASz1, lxx1, lyy1, lzz1 : 2nd line					
: CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1 : 3rd line					
: Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy1, Zyy2 : 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 : 2nd line					
: ISEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, IyVAR, IzVAR, STYLE : 1st line - TAPERED					
: DB, NAME1, NAME2 : 2nd line(STYPE=DB)					
: [DIM1], [DIM2] : 2nd line(STYPE=USER)					
: D11, D12, D13, D14, D15, D16, D17, D18 : 2nd line(STYPE=VALUE)					
: AREA1, ASy1, ASz1, 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, Y11, 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-CMPW)					
) : 3rd line(STYPE=PSC)					
: bSHEARCHK, [SOHK-I], [SOHK-J], [WT-I], [WT-J], W1, WJ, bSYM, bSIDEHOLE : 3rd line(STYPE=PSC-CMPW)					
: bSHEARCHK, bSYM, bHUNCH, [CMPWEB-I], [CMPWEB-J] : 3rd line(STYPE=PSC-CMPW)					
) : 4th line(STYPE=PSC)					
: bUSERDEFMESHIZE, MESHIZE, bUSERINPSTIFF, [STIFF-I], [STIFF-J] : 5th line(STYPE=PSC)					
: [SIZE-B]-i : 5th line(STYPE=PSC)					
: [SIZE-C]-i : 6th line(STYPE=PSC)					
: [SIZE-D]-i : 7th line(STYPE=PSC)					
: [SIZE-E]-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_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_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, EgdEsb, DgdDsb, Pgd, Psb, bSYM, SW_L, SW_J : 2nd line(STYPE=OMP-C/I/C)					
T) : 2nd line					

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	Company	(주) 풍우기술단		Client	
	Author	부설연구소		File Name	김상교-하행선
:	OPT1, OPT2, [JOINT]				: 3rd line(STYPE=OMP-C/I/C)
T)	[SIZE-A]-i				: 4th line(STYPE=OMP-C/I/C)
:	[SIZE-B]-i				: 5th line(STYPE=OMP-C/I/C)
T)	[SIZE-C]-i				: 6th line(STYPE=OMP-C/I/C)
:	[SIZE-D]-i				: 7th line(STYPE=OMP-C/I/C)
T)	[SIZE-A]-j				: 8th line(STYPE=OMP-C/I/C)
:	[SIZE-B]-j				: 9th line(STYPE=OMP-C/I/C)
T)	[SIZE-C]-j				: 10th line(STYPE=OMP-C/I/C)
CT)	[SIZE-D]-j				: 11th line(STYPE=OMP-C/I/C)
CT)					
:	ISEC, TYPE, SNAME, [OFFSET], bSD, STYLE1, STYLE2				: 1st line - CONSTRUCT
:	SHAPE, ... (same with other type data from shape)				: Before (STYLE1)
:	SHAPE, ... (same with other type data from shape)				: After (STYLE2)
:	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, Tc, 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, Tc, 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, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb				: 7th line
:	ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE				: 1st line - PSC
:	OPT1, OPT2, [JOINT]				: 2nd line
:	bSEARCHCHK, [SCHK], [WT], WIDTH, bSYM, bSIDEHOLE				: 3rd line
:	bUSERDEFMESH SIZE, MESH SIZE, 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				
:	[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				
:	[OFFSET1] : OFFSET, [CENT, IREF, IHORZ, HUSER, IVERT, VUSER				
:	[OFFSET2] : OFFSET, [CENT, IREF, IHORZ, HUSER, IUSERJ, IVERT, VUSERJ, VUSERJ				
:	[JOINT] : 8(ICELL, 2(CELL, 13(3CELL, 9(PSCM), 6(PSCH), 9(PSCT), 2(PSCB), 0(ncELL), 2(ncEL2)				
:	[SIZE-A] : 6(ICELL, 2(CELL, 10(3CELL, 10(PSCM), 6(PSCH), 8(PSCT), 10(PSCB), 5(ncELL), 11(ncEL2)				
:	[SIZE-B] : 6(ICELL, 2(CELL, 12(3CELL, 6(PSCM), 6(PSCH), 8(PSCT), 6(PSCB), 8(ncELL), 18(ncEL2)				
:	[SIZE-C] : 10(ICELL, 2(CELL, 13(3CELL, 9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB), 0(ncELL), 11(ncEL2)				

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: [SIZE-D] : 8(ICELL, 20CELL), 13(30CELL), 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
 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
 2.5, 0.012, 2.7, 0.1, 0.012, 2.7, 0.1, 0.012
 0, 0, , 0.15, 0.15, , 0.014, 0.014
 12, COMPOSITE , 12 , CT, 0, 0, 0, 0, 0, 0, YES, B
 2.5, 0.012, 2.7, 0.1, 0.012, 2.7, 0.1, 0.016
 0, 0, , 0.15, 0.15, , 0.014, 0.014
 12, COMPOSITE , 12 , CT, 0, 0, 0, 0, 0, 0, NO, .
 2.5, 0.012, 2.7, 0.1, 0.018, 2.7, 0.1, 0.024
 0, 0, , 0.15, 0.15, , 0.014, 0.014
 12, COMPOSITE , 12 , CT, 0, 0, 0, 0, 0, 0, NO, .
 2.5, 0.012, 2.7, 0.1, 0.012, 2.7, 0.1, 0.016
 0, 0, , 0.15, 0.15, , 0.014, 0.014
 13, COMPOSITE , 13 , CT, 0, 0, 0, 0, 0, 0, YES, B
 2.5, 0.012, 2.7, 0.1, 0.018, 2.7, 0.1, 0.024
 0, 0, , 0.15, 0.15, , 0.014, 0.014
 12, COMPOSITE , 12 , CT, 0, 0, 0, 0, 0, 0, NO, .
 2.5, 0.012, 2.7, 0.1, 0.012, 2.7, 0.1, 0.018
 0, 0, , 0.15, 0.15, , 0.014, 0.014
 14, COMPOSITE , 14 , CT, 0, 0, 0, 0, 0, 0, YES, B
 2.5, 0.012, 2.7, 0.1, 0.024, 2.7, 0.1, 0.026
 0, 0, , 0.15, 0.15, , 0.014, 0.014
 12, COMPOSITE , 12 , CT, 0, 0, 0, 0, 0, 0, NO, .
 2.5, 0.012, 2.7, 0.1, 0.012, 2.7, 0.1, 0.018
 0, 0, , 0.15, 0.15, , 0.014, 0.014
 15, COMPOSITE , 15 , CT, 0, 0, 0, 0, 0, 0, YES, B
 2.5, 0.012, 2.7, 0.1, 0.012, 2.7, 0.1, 0.018
 0, 0, , 0.15, 0.15, , 0.014, 0.014
 12, COMPOSITE , 12 , CT, 0, 0, 0, 0, 0, 0, NO, .

*SECT-COLOR

: ISEC, WJR, WLG, WLB, HFR, HFG, HFB, HE_R, HE_G, HE_B, bBLEND, FACT
 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
 11, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
 12, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
 13, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
 14, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
 15, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

*DGN-SECT

: 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, Ixx, Iyy, Izz : 2nd line
: CyP, CyM, CzP, CzM, QyB, QzB, PERI_OUT, PERI_IN, Cy, Cz : 3rd line
: Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy, Zzz : 4th line
: ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, 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, : 2nd line
: ISEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, IyVAR, izVAR, STYPE : 1st line - TAPERED
: DB, NAME1, NAME2 : 2nd line(STYPE=DB)
: [DIM1], [DIM2] : 2nd line(STYPE=USER)
: D11, D12, D13, D14, D15, D16, D17, D18 : 2nd line(STYPE=VALUE)
: AREA1, ASy1, ASz1, Ixx1, Iyy1, Izz1 : 3rd line(STYPE=VALUE)
: CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1 : 4th line(STYPE=VALUE)

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Author		부설연구소		
MIDAS		File Name	검상교-하행선	

: Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2 : 5th line(STYPE=VALUE)
: D21, D22, D23, D24, D25, D26, D27, D28 : 6th line(STYPE=VALUE)
: AREA2, ASy2, ASz2, Ixx2, Iyy2, Izz2 : 7th line(STYPE=VALUE)
: Cy2, CyM2, CzP2, CzM2, QyB2, QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2 : 8th line(STYPE=VALUE)
: Y11, 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-CMPW
)
: bSHEAROK, [SCHK-I], [SCHK-J], [WT-I], [WT-J], W1, WJ, bSYM, bSIDEHOLE : 3rd line(STYPE=PSC)
: bSHEAROK, bSYM, bHUNCH, [CMPWEB-I], [CMPWEB-J] : 3rd line(STYPE=PSC-CMPW
)
: 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_I, HW_I, tw_I, B_I, Bf1_I, tf1_I, B2_I, Bf2_I, tf2_I : 4th line(STYPE=OMP-B/I)

: N1, N2, Hr, Hr2, tr1, tr2 : 5th line(STYPE=OMP-B)
: GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb, bSYM, SW_I, SW_I : 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
: SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh : 4th line
: ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE : 1st line - COMPOSITE-SI

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	Author	부설연구소	File Name	검상교-하행선

: HW, tw, B, tf1, B2, tf2 : 2nd line
: SW, GN, CTC, Bc, Tc, 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, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb : 7th line
: ISEC, TYPE, SNAME, [OFFSET], bSD, SHAPE : 1st line - PSC
: OPT1, OPT2, [JOINT] : 2nd line
: bSHEAROK, [SCHK-I], [SCHK-J], [WT-I], WIDTH, bSYM, bSIDEHOLE : 3rd line
: BUSERDEFMESH SIZE, MESH SIZE, 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
: [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, iHUSERJ, iVERT, VUSER1, VUSERJ
: [JOINT] : 8(ICELL, 20CELL), 13(30CELL), 9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB), 0(ncell), 2(ncel2)
: [SIZE-A] : 6(ICELL, 20CELL), 10(30CELL), 10(PSCM), 6(PSCH), 8(PSCT), 10(PSCB), 5(ncell), 11(ncel2)
: [SIZE-B] : 6(ICELL, 20CELL), 12(30CELL), 6(PSCM), 6(PSCH), 8(PSCT), 6(PSCB), 8(ncell), 18(ncel2)
: [SIZE-C] : 10(ICELL, 20CELL), 13(30CELL), 9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB), 0(ncell), 11(ncel2)
: [SIZE-D] : 8(ICELL, 20CELL), 13(30CELL), 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
 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
 2.5, 0.012, 2.7, 0.1, 0.012, 2.7, 0.1, 0.012
 0, 0, , 0.15, 0.15, , 0.014, 0.014
 12, COMPOSITE , 12 , CT, 0, 0, 0, 0, 0, 0, YES, B
 2.5, 0.012, 2.7, 0.1, 0.012, 2.7, 0.1, 0.016
 0, 0, , 0.15, 0.15, , 0.014, 0.014
 12, COMPOSITE , 12 , CT, 0, 0, 0, 0, 0, 0, NO, .
 2.5, 0.012, 2.7, 0.1, 0.018, 2.7, 0.1, 0.024
 0, 0, , 0.15, 0.15, , 0.014, 0.014
 12, COMPOSITE , 12 , CT, 0, 0, 0, 0, 0, 0, NO, .
 2.5, 0.012, 2.7, 0.1, 0.024, 2.7, 0.1, 0.026
 0, 0, , 0.15, 0.15, , 0.014, 0.014
 12, COMPOSITE , 12 , CT, 0, 0, 0, 0, 0, 0, NO, .
 2.5, 0.012, 2.7, 0.1, 0.012, 2.7, 0.1, 0.018
 0, 0, , 0.15, 0.15, , 0.014, 0.014
 15, COMPOSITE , 15 , CT, 0, 0, 0, 0, 0, 0, YES, B
 2.5, 0.012, 2.7, 0.1, 0.012, 2.7, 0.1, 0.018

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	Company	(주)동우기술단		Client
	Author	부설연구소		File Name
				검상교-하행선

0, 0, 0.15, 0.15, 0.014, 0.014
12, 435, 2, 7.2, 6.2175, 0.25, 0, 8, 0, 0, 0, NO, .

*STLOADCASE : Static Load Cases

: LONAME, 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

: NODE_LIST, IMETHOD, ANGLE-x, ANGLE-y, ANGLE-z : IMETHOD=1
: NODE_LIST, IMETHOD, POX, POY, POZ, P1X, P1Y, P1Z, P2X, P2Y, P2Z : IMETHOD=2
: NODE_LIST, IMETHOD, V1X, V1Y, V1Z, V2X, V2Y, V2Z : IMETHOD=3
101, 1, 0, 0, 34.51
111, 1, 0, 0, 35.39
122, 1, 0, 0, 37.01
130, 1, 0, 0, 37.74
201, 1, 0, 0, 34.51
218, 1, 0, 0, 35.39
239, 1, 0, 0, 37.01
255, 1, 0, 0, 37.74

*CONSTRAINT : Supports

: NODE_LIST, CONST(Dx,Dy,Dz,Rx,Ry,Rz), GROUP
238, 111111,
121, 101000,
101 10 130, 001000,
201 217 255, 011000,

: *LOADTO MASS, DIR, bNODAL, bBEAM, bFLOOR, bPRES, GRAV
: LONAME1, FACTOR1, LONAME2, FACTOR2, ... : from line 1
*LOADTO MASS, 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, ECCDIR, 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, 5.144, 1, 5.144, 0, 0, 0, 0, NO, 0, 0, NO
101, BEAM , UNILOAD, GZ, NO , NO, adir[1], . . . , 0, -37.83, 1, -37.83, 0, 0, 0, 0, NO, 0, 0, NO
102, BEAM , UNILOAD, GZ, NO , NO, adir[1], . . . , 0, -37.83, 1, -37.83, 0, 0, 0, 0, NO, 0, 0, NO
102, BEAM , UNILOAD, LX, NO , NO, adir[1], . . . , 0, 5.144, 1, 5.144, 0, 0, 0, 0, NO, 0, 0, NO
103, BEAM , UNILOAD, LX, NO , NO, adir[1], . . . , 0, 5.144, 1, 5.144, 0, 0, 0, 0, NO, 0, 0, NO

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PROJECT TITLE : 논산철원 1:중시시설을 경밀안전진단 용역

Company	(주)동우기술단	Client	
Author	부설연구소	File Name	검상교-하행선

221, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
222, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
222, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
223, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
223, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
224, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
224, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
225, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
225, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
226, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
226, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
227, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
227, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
228, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
228, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
229, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
229, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
230, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
230, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
231, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
231, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
232, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
232, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
233, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
233, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
234, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
234, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
235, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
235, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
236, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
236, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
237, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
237, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
238, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
238, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
239, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
239, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
240, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
240, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
241, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
241, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
242, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
242, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
243, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
243, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
244, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
244, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
245, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
245, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
246, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
246, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
247, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
247, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
248, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
248, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
249, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO

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PROJECT TITLE : 논산철원 1:중시시설을 경밀안전진단 용역

Company	(주)동우기술단	Client	
Author	부설연구소	File Name	검상교-하행선

249, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
250, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
250, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
251, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
251, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
252, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
252, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
253, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO
253, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
254, LINE , UNIMOMENT, LX, NO , NO, aDir[1], , , , 0, 12.66, 1, 12.66, 0, 0, 0, 0, , NO, 0, 0, 0, NO
254, LINE , UNILOAD, LY, NO , NO, aDir[1], , , , 0, 14.11, 1, 14.11, 0, 0, 0, 0, , NO, 0, 0, 0, NO

: End of data for load case [WL(No Live)] -----

*USE-STLD, Unit Moment

*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

101, BEAM , CONNMOMENT, LY, NO , NO, aDir[1], , , , 0, 1, 1, 0, 0, 0, 0, 0, , NO, 0, 0, 0, NO
129, BEAM , CONNMOMENT, LY, NO , NO, aDir[1], , , , 1, -1, 0, 0, 0, 0, 0, 0, , NO, 0, 0, 0, NO
201, BEAM , CONNMOMENT, LY, NO , NO, aDir[1], , , , 0, 1, 1, 0, 0, 0, 0, 0, , NO, 0, 0, 0, NO
254, BEAM , CONNMOMENT, LY, NO , NO, aDir[1], , , , 0, 1, -1, 0, 0, 0, 0, 0, 0, , NO, 0, 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

*LINELANE : Traffic Line Lanes

: NAME=NAME, LDIST, GROUP, SKEW, SKEWE, MOVING, LW, WS : line 1
: : TELEM1, ECC1, FACT1, bSPAN1, ... : from line 2
NAME=L1, CROSS, CB, 75, 75, FORWARD, 3, 0
129, -0.525, 0.1875, YES, 128, -0.525, 0.1875, NO
127, -0.525, 0.1875, NO, 126, -0.525, 0.1875, NO
125, -0.525, 0.1875, NO, 124, -0.525, 0.1875, NO
123, -0.525, 0.1875, NO, 122, -0.525, 0.1875, NO
121, -0.525, 0.1667, YES, 120, -0.525, 0.1667, NO

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PROJECT TITLE : 논산철원 1:중시시설을 경밀안전진단 용역

Company	(주)동우기술단	Client	
Author	부설연구소	File Name	검상교-하행선

119, -0.525, 0.1667, NO, 118, -0.525, 0.1667, NO
117, -0.525, 0.1667, NO, 116, -0.525, 0.1667, NO
115, -0.525, 0.1667, NO, 114, -0.525, 0.1667, NO
113, -0.525, 0.1667, NO, 112, -0.525, 0.1667, NO
111, -0.525, 0.1667, NO, 110, -0.525, 0.1875, YES
109, -0.525, 0.1875, NO, 108, -0.525, 0.1875, NO
107, -0.525, 0.1875, NO, 106, -0.525, 0.1875, NO
105, -0.525, 0.1875, NO, 104, -0.525, 0.1875, NO
103, -0.525, 0.1875, NO, 102, -0.525, 0.1875, NO
101, -0.525, 0.1875, NO
NAME=L1-(Copy1), CROSS, CB, 75, 75, FORWARD, 3, 0
129, -0.465, 0.1875, YES, 128, -0.465, 0.1875, NO
127, -0.465, 0.1875, NO, 126, -0.465, 0.1875, NO
125, -0.465, 0.1875, NO, 124, -0.465, 0.1875, NO
123, -0.465, 0.1875, NO, 122, -0.465, 0.1875, NO
121, -0.465, 0.1667, YES, 120, -0.465, 0.1667, NO
119, -0.465, 0.1667, NO, 118, -0.465, 0.1667, NO
117, -0.465, 0.1667, NO, 116, -0.465, 0.1667, NO
115, -0.465, 0.1667, NO, 114, -0.465, 0.1667, NO
113, -0.465, 0.1667, NO, 112, -0.465, 0.1667, NO
111, -0.465, 0.1667, NO, 110, -0.465, 0.1875, YES
109, -0.465, 0.1875, NO, 108, -0.465, 0.1875, NO
107, -0.465, 0.1875, NO, 106, -0.465, 0.1875, NO
105, -0.465, 0.1875, NO, 104, -0.465, 0.1875, NO
103, -0.465, 0.1875, NO, 102, -0.465, 0.1875, NO
101, -0.465, 0.1875, NO
NAME=L2, CROSS, CB, 75, 75, FORWARD, 3, 0
829, 0, 0.1875, YES, 828, 0, 0.1875, NO, 827, 0, 0.1875, NO
826, 0, 0.1875, NO, 825, 0, 0.1875, NO, 824, 0, 0.1875, NO
823, 0, 0.1875, NO, 822, 0, 0.1875, NO, 821, 0, 0.1667, YES
820, 0, 0.1667, NO, 819, 0, 0.1667, NO, 818, 0, 0.1667, NO
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, 0.1875, YES, 809, 0, 0.1875, NO
808, 0, 0.1875, NO, 807, 0, 0.1875, NO, 806, 0, 0.1875, NO
805, 0, 0.1875, NO, 804, 0, 0.1875, NO, 803, 0, 0.1875, NO
802, 0, 0.1875, NO, 801, 0, 0.1875, NO
NAME=L2-(Copy1), CROSS, CB, 75, 75, FORWARD, 3, 0
829, -0.69, 0.1875, YES, 828, -0.69, 0.1875, NO
827, -0.69, 0.1875, NO, 826, -0.69, 0.1875, NO
825, -0.69, 0.1875, NO, 824, -0.69, 0.1875, NO
823, -0.69, 0.1875, NO, 822, -0.69, 0.1875, NO
821, -0.69, 0.1667, YES, 820, -0.69, 0.1667, NO
819, -0.69, 0.1667, NO, 818, -0.69, 0.1667, NO
817, -0.69, 0.1667, NO, 816, -0.69, 0.1667, NO
815, -0.69, 0.1667, NO, 814, -0.69, 0.1667, NO
813, -0.69, 0.1667, NO, 812, -0.69, 0.1667, NO
811, -0.69, 0.1667, NO, 810, -0.69, 0.1875, YES
809, -0.69, 0.1875, NO, 808, -0.69, 0.1875, NO
807, -0.69, 0.1875, NO, 806, -0.69, 0.1875, NO
805, -0.69, 0.1875, NO, 804, -0.69, 0.1875, NO
803, -0.69, 0.1875, NO, 802, -0.69, 0.1875, NO
801, -0.69, 0.1875, NO
NAME=L3, CROSS, CB, 75, 75, FORWARD, 3, 0
254, 0.525, 0.1875, YES, 253, 0.525, 0.1875, NO
252, 0.525, 0.1875, NO, 251, 0.525, 0.1875, NO

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PROJECT TITLE : 논산철원 1:중시시설을 경밀안전진단 용역

Company	(주)동우기술단	Client	
Author	부설연구소	File Name	검상교-하행선

250, 0.525, 0.1875, NO, 249, 0.525, 0.1875, NO
248, 0.525, 0.1875, NO, 247, 0.525, 0.1875, NO
246, 0.525, 0.1875, NO, 245, 0.525, 0.1875, NO
244, 0.525, 0.1875, NO, 243, 0.525, 0.1875, NO
242, 0.525, 0.1875, NO, 241, 0.525, 0.1875, NO
240, 0.525, 0.1875, NO, 239, 0.525, 0.1875, NO
238, 0.525, 0.1875, NO, 237, 0.525, 0.1667, YES
236, 0.525, 0.1667, NO, 235, 0.525, 0.1667, NO
234, 0.525, 0.1667, NO, 233, 0.525, 0.1667, NO
232, 0.525, 0.1667, NO, 231, 0.525, 0.1667, NO
230, 0.525, 0.1667, NO, 229, 0.525, 0.1667, NO
228, 0.525, 0.1667, NO, 227, 0.525, 0.1667, NO
226, 0.525, 0.1667, NO, 225, 0.525, 0.1667, NO
224, 0.525, 0.1667, NO, 223, 0.525, 0.1667, NO
222, 0.525, 0.1667, NO, 221, 0.525, 0.1667, NO
220, 0.525, 0.1667, NO, 219, 0.525, 0.1667, NO
218, 0.525, 0.1667, NO, 217, 0.525, 0.1667, NO
216, 0.525, 0.1875, YES, 215, 0.525, 0.1875, NO
214, 0.525, 0.1875, NO, 213, 0.525, 0.1875, NO
212, 0.525, 0.1875, NO, 211, 0.525, 0.1875, NO
210, 0.525, 0.1875, NO, 209, 0.525, 0.1875, NO
208, 0.525, 0.1875, NO, 207, 0.525, 0.1875, NO
206, 0.525, 0.1875, NO, 205, 0.525, 0.1875, NO
204, 0.525, 0.1875, NO, 203, 0.525, 0.1875, NO
202, 0.525, 0.1875, NO, 201, 0.525, 0.1875, NO
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202, -0.915, 0.1875, NO, 201, -0.915, 0.1875, NO

*LSUPPORT : Lane Supports - Negative Moments at Interior Piers
: ITYPE, ELEM_LIST, POSITION : (When ITYPE=0)

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PROJECT TITLE : 논산천안 1종시설풍경밀안전진단 용역				
	Company	(주)동우기술단	Client	
	Author	부설연구소	File Name	김상교-하행선

PROJECT TITLE : 논산천안 1종시설물 정밀안전진단 용역			
	Company	(주) 동우기술단	Client
	Author	부설연구소	File Name 김상표-하행선

PROJECT TITLE : 논산천안 1종시설풍경밀안전진단 용역			
	Company	(주)동우기술단	Client
	Author	부설연구소	File Name 김상교-하행선