

MIDAS

PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역				
	Company	(주)동우기술단	Client	
	Author	부설연구소	File Name	용성2교-라행선

: 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, 0, 6.6485, 0
 102, 4.69792, 7.6534, 0
 103, 9.39584, 8.6583, 0
 104, 14.09376, 9.6632, 0
 105, 18.79168, 10.6681, 0
 106, 23.4896, 11.673, 0
 107, 28.18752, 12.6779, 0
 108, 32.88544, 13.6828, 0
 109, 37.58336, 14.6877, 0
 110, 42.28128, 15.6926, 0
 111, 46.9792, 16.6975, 0
 112, 52.0933846153846, 17.7986769230769, 0
 113, 57.2075692307692, 18.898538461538, 0
 114, 62.3217538461538, 20.0010307692308, 0
 115, 67.4359384615385, 21.1022076923077, 0
 116, 72.5501230769231, 22.2033846153846, 0
 117, 77.6643076923077, 23.3045615384615, 0
 118, 82.7784923076923, 24.4057384615385, 0
 119, 87.8926769230769, 25.5069153846154, 0
 120, 93.0068615384615, 26.6080923076923, 0
 121, 98.1210461538462, 27.7092692307692, 0
 122, 103.235230769231, 28.8104461538462, 0
 123, 108.349415384615, 29.9116230769231, 0
 124, 113.4636, 31.0128, 0
 125, 118.16819, 32.01552, 0
 126, 122.87278, 33.01824, 0
 127, 127.57737, 34.02096, 0
 128, 132.28196, 35.02368, 0
 129, 136.98655, 36.0264, 0
 130, 141.69114, 37.02912, 0
 131, 146.39573, 38.03184, 0
 132, 151.10032, 39.03456, 0
 133, 155.80491, 40.03728, 0
 134, 160.5095, 41.04, 0

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201, 1.4277, 0, 0
202, 6.12561, 1.0088, 0
203, 10.82352, 2.0176, 0
204, 15.52143, 3.0264, 0
205, 20.21934, 4.0352, 0
206, 24.91725, 5.044, 0
207, 29.61516, 6.0528, 0
208, 34.31307, 7.0616, 0
209, 39.01098, 8.0704, 0
210, 43.70889, 9.0792, 0
211, 48.4068, 10.088, 0
212, 53.5209823076923, 11.1861846153846, 0
213, 58.6351846153846, 12.2843692307692, 0
214, 63.7493769230769, 13.3825538461538, 0
215, 68.8635692307692, 14.4807384615385, 0
216, 73.9777615384615, 15.5789230769231, 0
217, 79.0919538461538, 16.6771076923077, 0
218, 84.2061461538461, 17.7752923076923, 0
219, 89.3203384615385, 18.8734769230769, 0
220, 94.4345307692308, 19.9716615384615, 0
221, 99.5487230769231, 21.0698461538462, 0
222, 104.662915384615, 22.1680307692308, 0
223, 109.777107692308, 23.2662153846154, 0
224, 114.8913, 24.3644, 0
225, 119.59213, 25.36632, 0
226, 124.29296, 26.36824, 0
227, 128.99379, 27.37016, 0
228, 133.69462, 28.37208, 0
229, 138.39545, 29.374, 0
230, 143.09628, 30.37592, 0
231, 147.79711, 31.37784, 0
232, 152.49794, 32.37976, 0
233, 157.19877, 33.38168, 0
234, 161.8996, 34.3836, 0
501, 0.71385, 3.32425, 0
502, 5.411765, 4.3311, 0
503, 10.10968, 5.33795, 0
504, 14.807395, 6.3448, 0
505, 19.50551, 7.35165, 0
506, 24.203425, 8.3585, 0
507, 28.90134, 9.36535, 0
508, 33.599255, 10.3722, 0
509, 38.29717, 11.37905, 0
510, 42.995085, 12.3859, 0
511, 47.693, 13.39275, 0
512, 52.8071884615385, 14.4924307692308, 0
513, 57.9213769230769, 15.5921115384615, 0
514, 63.0355653846154, 16.6917923076923, 0
515, 68.1497538461538, 17.7914730769231, 0
516, 73.2639423076923, 18.8911538461538, 0
517, 78.3781307692308, 19.9908346153846, 0
518, 83.4923192307692, 21.0905153846154, 0
519, 88.6065076923077, 22.1901961538462, 0
520, 93.7206961538461, 23.2898769230769, 0
521, 98.8348846153846, 24.3895576923077, 0
522, 103.949073076923, 25.4892384615385, 0

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523, 109.063261538462, 26.5889192307692, 0
524, 114.17745, 27.6886, 0
525, 118.88016, 28.69092, 0
526, 123.58287, 29.69324, 0
527, 128.28568, 30.69566, 0
528, 132.98829, 31.69788, 0
529, 137.691, 32.7002, 0
530, 142.39371, 33.70252, 0
531, 147.09642, 34.70484, 0
532, 151.79913, 35.70716, 0
533, 156.50184, 36.70948, 0
534, 161.20455, 37.7118, 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, 11, 104, 105, 0
 105, BEAM , 1, 11, 105, 106, 0
 106, BEAM , 1, 11, 106, 107, 0
 107, BEAM , 1, 11, 107, 108, 0
 108, BEAM , 1, 11, 108, 109, 0
 109, BEAM , 1, 12, 109, 110, 0
 110, BEAM , 1, 13, 110, 111, 0
 111, BEAM , 1, 12, 111, 112, 0
 112, BEAM , 1, 14, 112, 113, 0
 113, BEAM , 1, 14, 113, 114, 0
 114, BEAM , 1, 15, 114, 115, 0
 115, BEAM , 1, 15, 115, 116, 0
 116, BEAM , 1, 16, 116, 117, 0
 117, BEAM , 1, 16, 117, 118, 0
 118, BEAM , 1, 16, 118, 119, 0
 119, BEAM , 1, 15, 119, 120, 0
 120, BEAM , 1, 15, 120, 121, 0
 121, BEAM , 1, 14, 121, 122, 0
 122, BEAM , 1, 14, 122, 123, 0
 123, BEAM , 1, 12, 123, 124, 0
 124, BEAM , 1, 13, 124, 125, 0
 125, BEAM , 1, 12, 125, 126, 0
 126, BEAM , 1, 11, 126, 127, 0
 127, BEAM , 1, 11, 127, 128, 0
 128, BEAM , 1, 11, 128, 129, 0
 129, BEAM , 1, 11, 129, 130, 0
 130, BEAM , 1, 11, 130, 131, 0
 131, BEAM , 1, 11, 131, 132, 0
 132, BEAM , 1, 11, 132, 133, 0
 133, BEAM , 1, 11, 133, 134, 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

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	Author	부설연구소	File Name	용성2교-라행선

205, BEAM , 1, 11, 205, 206, 0
206, BEAM , 1, 11, 206, 207, 0
207, BEAM , 1, 11, 207, 208, 0
208, BEAM , 1, 11, 208, 209, 0
209, BEAM , 1, 12, 209, 210, 0
210, BEAM , 1, 13, 210, 211, 0
211, BEAM , 1, 12, 211, 212, 0
212, BEAM , 1, 14, 212, 213, 0
213, BEAM , 1, 14, 213, 214, 0
214, BEAM , 1, 15, 214, 215, 0
215, BEAM , 1, 15, 215, 216, 0
216, BEAM , 1, 16, 216, 217, 0
217, BEAM , 1, 16, 217, 218, 0
218, BEAM , 1, 16, 218, 219, 0
219, BEAM , 1, 15, 219, 220, 0
220, BEAM , 1, 15, 220, 221, 0
221, BEAM , 1, 14, 221, 222, 0
222, BEAM , 1, 14, 222, 223, 0
223, BEAM , 1, 12, 223, 224, 0
224, BEAM , 1, 13, 224, 225, 0
225, BEAM , 1, 12, 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, 11, 232, 233, 0
233, BEAM , 1, 11, 233, 234, 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

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MIDAS	Company		(주)동우기술단		Client	
	Author		부설연구소		File Name	
					용성2교-하행선	
428.	BEAM	2.	2.	128.	528.	0
429.	BEAM	2.	2.	129.	529.	0
430.	BEAM	2.	2.	130.	530.	0
431.	BEAM	2.	2.	131.	531.	0
432.	BEAM	2.	2.	132.	532.	0
433.	BEAM	2.	2.	133.	533.	0
434.	BEAM	2.	2.	134.	534.	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.	508.	208.	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
527.	BEAM	2.	2.	527.	227.	0
528.	BEAM	2.	2.	528.	228.	0
529.	BEAM	2.	2.	529.	229.	0
530.	BEAM	2.	2.	530.	230.	0
531.	BEAM	2.	2.	531.	231.	0
532.	BEAM	2.	2.	532.	232.	0
533.	BEAM	2.	2.	533.	233.	0
534.	BEAM	2.	2.	534.	234.	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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PROJECT TITLE : **논산철안 1중시설물 경밀안전진단 용역**

 Company		(주)동우기술단		Client	
Author		부설연구소		File Name	용성2교-라행선

13, COMPOSITE , 13 , CT, 0, 0, 0, 0, 0, 0, YES, B
3.2, 0.012, 2.6, 0.1, 0.024, 2.6, 0.1, 0.03
0, 0, 0.15, 0.15, 0.014, 0.014
12.43, 2, 7.2, 6.215, 0.25, 0, 8, 0, 0, 0, NO, ,
14, COMPOSITE , 14 , CT, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.6, 0.1, 0.014, 2.6, 0.1, 0.02
0, 0, 0.15, 0.15, 0.014, 0.014
12.43, 2, 7.2, 6.215, 0.25, 0, 8, 0, 0, 0, NO, ,
15, COMPOSITE , 15 , CT, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.6, 0.1, 0.016, 2.6, 0.1, 0.022
0, 0, 0.15, 0.15, 0.014, 0.014
12.43, 2, 7.2, 6.215, 0.25, 0, 8, 0, 0, 0, NO, ,
16, COMPOSITE , 16 , CT, 0, 0, 0, 0, 0, 0, YES, B
2.5, 0.012, 2.6, 0.1, 0.016, 2.6, 0.1, 0.02
0, 0, 0.15, 0.15, 0.014, 0.014
12.43, 2, 7.2, 6.215, 0.25, 0, 8, 0, 0, 0, NO, ,

*SECT-COLOR
: iSECT, WLR, WLG, WLB, HFR, HFG, HFB, HELR, HEG, 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
16, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

*DGN-SECT
: iSECT, TYPE, SNAME, [OFFSET], bSD, SHAPE, [DATA1], [DATA2] : 1st line - DB/USER
: iSECT, 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
: iSECT, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, POIC, SF : 1st line - SRC
: D1, D2, [SRC] : 2nd line
: iSECT, TYPE, SNAME, [OFFSET], bSD, SHAPE, 1, DB, NAME1, NAME2, D1, D2 : 1st line - COMBINED
: iSECT, TYPE, SNAME, [OFFSET], bSD, SHAPE, 2, D11, D12, D13, D14, D15, D21, D22, D23, D24 : 2nd line
: iSECT, TYPE, SNAME, [OFFSET2], bSD, SHAPE, lyVAR, 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, 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-CMPW)
)
: bSHEARQK, [SCHK-I], [SCHK-J], [WT-I], [WT-J], W1, WJ, bSYM, bSIDEHOLE : 3rd line(STYPE=PSC)
: bSHEARQK, bSYM, bHUNCH, [CMPWEB-I], [CMPWEB-J] : 3rd line(STYPE=PSC-CMPW)
)
: bUSERDEFMESH1ZE, MESH1ZE, bUSERINPSTIFF, [STIFF-I], [STIFF-J] : 4th line(STYPE=PSC)

Modeling, Integrated Design & Analysis Software
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MIDAS Company		(주)동우기술단		Client
Author		부설연구소		File Name
				용성2교-라행선
:	OPT1, OPT2, [JOINT]	:	2nd line	
:	bSHEARQK, [SCHK], [WT], WIDTH, bSYM, bSIDEHOLE	:	3rd line	
:	bUSERDEFMESH1ZE, MESH1ZE, 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, HUSERJ, 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, 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	:		
:	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, 2.6, 0.1, 0.014, 2.6, 0.1, 0.018	:		
:	0, 0, 0.15, 0.15, 0.014, 0.014	:		
:	12.43, 2, 7.2, 6.215, 0.25, 0, 8, 0, 0, 0, NO, ,	:		
:	12, COMPOSITE , 12 , CT, 0, 0, 0, 0, 0, 0, YES, B	:		
:	2.824, 0.012, 2.6, 0.1, 0.02, 2.6, 0.1, 0.024	:		
:	0, 0, 0.15, 0.15, 0.014, 0.014	:		
:	12.43, 2, 7.2, 6.215, 0.25, 0, 8, 0, 0, 0, NO, ,	:		
:	13, COMPOSITE , 13 , CT, 0, 0, 0, 0, 0, 0, YES, B	:		
:	3.2, 0.012, 2.6, 0.1, 0.024, 2.6, 0.1, 0.03	:		
:	0, 0, 0.15, 0.15, 0.014, 0.014	:		
:	12.43, 2, 7.2, 6.215, 0.25, 0, 8, 0, 0, 0, NO, ,	:		
:	14, COMPOSITE , 14 , CT, 0, 0, 0, 0, 0, 0, YES, B	:		
:	2.5, 0.012, 2.6, 0.1, 0.014, 2.6, 0.1, 0.02	:		
:	0, 0, 0.15, 0.15, 0.014, 0.014	:		
:	12.43, 2, 7.2, 6.215, 0.25, 0, 8, 0, 0, 0, NO, ,	:		
:	15, COMPOSITE , 15 , CT, 0, 0, 0, 0, 0, 0, YES, B	:		
:	2.5, 0.012, 2.6, 0.1, 0.016, 2.6, 0.1, 0.022	:		
:	0, 0, 0.15, 0.15, 0.014, 0.014	:		
:	12.43, 2, 7.2, 6.215, 0.25, 0, 8, 0, 0, 0, NO, ,	:		
:	16, COMPOSITE , 16 , CT, 0, 0, 0, 0, 0, 0, YES, B	:		
:	2.5, 0.012, 2.6, 0.1, 0.016, 2.6, 0.1, 0.02	:		
:	0, 0, 0.15, 0.15, 0.014, 0.014	:		
:	12.43, 2, 7.2, 6.215, 0.25, 0, 8, 0, 0, 0, NO, ,	:		
*STLDCASE : Static Load Cases				
: LONAME, LCTYPE, DESC				
DL(BC), 0				
DL(AC), 0 ,				

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PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역				
	Company	(주) 동우기술단		Client
	Author	부설연구소		File Name
용성2교-라행선				
:	[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)
:	SWL_i, HwL_i, twL_i, B_i, Bf1_i, tf1_i, B2_i, Bf2_i, tf2_i			: 3rd line(STYPE=OMP-B/I)
:	SWL_j, HwL_j, twL_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, SWL_i, SWL_j			: 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)				
:	iSECT, 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)
:	iSECT, 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
:	iSECT, 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
:	iSECT, 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
:	iSECT, TYPE, SNAME, [OFFSET], bSD, SHAPE			: 1st line - PSC

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	Company	(주) 동우기술단	Client	
	Author	부설연구소	File Name	용성2교-라행선

WL(No Live), USER,
WL(Live), USER,
Unit Moment, USER,

*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, 12.07
111, 1, 0, 0, 12.11
124, 1, 0, 0, 12.09
134, 1, 0, 0, 12.03
201, 1, 0, 0, 12.07
211, 1, 0, 0, 12.11
224, 1, 0, 0, 12.09
234, 1, 0, 0, 12.03

*CONSTRAINT : Supports
: NODE_LIST, CONST(Dx,Dy,Dz,Rx,Ry,Rz), GROUP
224, 111111,
124, 101000,
101 111 134, 001000,
201 211 234, 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, ADDITIONAL_I-END, ADDITIONAL_J-END, bADDITIONAL_J-END
101, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -38.22, 1, -38.22, 0, 0, 0, 0, , NO, 0, 0, NO
101, BEAM , UNILOAD, LX, NO , NO, aDir[1], , , , 0, -0.966, 1, -0.966, 0, 0, 0, 0, , NO, 0, 0, NO
102, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -38.22, 1, -38.22, 0, 0, 0, 0, , NO, 0, 0, NO
102, BEAM , UNILOAD, LX, NO , NO, aDir[1], , , , 0, -0.966, 1, -0.966, 0, 0, 0, 0, , NO, 0, 0, NO
103, BEAM , UNILOAD, LX, NO , NO, aDir[1], , , , 0, -0.966, 1, -0.966, 0, 0, 0, 0, , NO, 0, 0, NO
103, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -38.22, 1, -38.22, 0, 0, 0, 0, , NO, 0, 0, NO
104, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -38.22, 1, -38.22, 0, 0, 0, 0, , NO, 0, 0, NO
104, BEAM , UNILOAD, LX, NO , NO, aDir[1], , , , 0, -0.966, 1, -0.966, 0, 0, 0, 0, , NO, 0, 0, NO
105, BEAM , UNILOAD, LX, NO , NO, aDir[1], , , , 0, -0.966, 1, -0.966, 0, 0, 0, 0, , NO, 0, 0, NO
105, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -38.22, 1, -38.22, 0, 0, 0, 0, , NO, 0, 0, NO
106, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -38.22, 1, -38.22, 0, 0, 0, 0, , NO, 0, 0, NO
106, BEAM , UNILOAD, LX, NO , NO, aDir[1], , , , 0, -0.966, 1, -0.966, 0, 0, 0, 0, , NO, 0, 0, NO
107, BEAM , UNILOAD, LX, NO , NO, aDir[1], , , , 0, -0.966, 1, -0.966, 0, 0, 0, 0, , NO, 0, 0, NO
107, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -38.22, 1, -38.22, 0, 0, 0, 0, , NO, 0, 0, NO
108, BEAM , UNILOAD, LX, NO , NO, aDir[1], , , , 0, -0.966, 1, -0.966, 0, 0, 0, 0, , NO, 0, 0, NO

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Company	(주)동우기술단	Client	
Author	부설연구소	File Name	용성2교-라행선

131, -1.03, 0.1695, NO, 130, -1.03, 0.1695, NO
129, -1.03, 0.1695, NO, 128, -1.03, 0.1695, NO
127, -1.03, 0.1695, NO, 126, -1.03, 0.1695, NO
125, -1.03, 0.1695, NO, 124, -1.03, 0.1695, NO
123, -1.03, 0.1389, YES, 122, -1.03, 0.1389, NO
121, -1.03, 0.1389, NO, 120, -1.03, 0.1389, NO
119, -1.03, 0.1389, NO, 118, -1.03, 0.1389, NO
117, -1.03, 0.1389, NO, 116, -1.03, 0.1389, NO
115, -1.03, 0.1389, NO, 114, -1.03, 0.1389, NO
113, -1.03, 0.1389, NO, 112, -1.03, 0.1389, NO
111, -1.03, 0.1389, NO, 110, -1.03, 0.1695, YES
109, -1.03, 0.1695, NO, 108, -1.03, 0.1695, NO
107, -1.03, 0.1695, NO, 106, -1.03, 0.1695, NO
105, -1.03, 0.1695, NO, 104, -1.03, 0.1695, NO
103, -1.03, 0.1695, NO, 102, -1.03, 0.1695, NO
101, -1.03, 0.1695, NO
NAME=L2, CROSS, CB, 0, 0, BACKWARD, 3, 0
833, 0, 0.1695, YES, 832, 0, 0.1695, NO, 831, 0, 0.1695, NO
830, 0, 0.1695, NO, 829, 0, 0.1695, NO, 828, 0, 0.1695, NO
827, 0, 0.1695, NO, 826, 0, 0.1695, NO, 825, 0, 0.1695, NO
824, 0, 0.1695, NO, 823, 0, 0.1389, YES, 822, 0, 0.1389, NO
821, 0, 0.1389, NO, 820, 0, 0.1389, NO, 819, 0, 0.1389, NO
818, 0, 0.1389, NO, 817, 0, 0.1389, NO, 816, 0, 0.1389, NO
815, 0, 0.1389, NO, 814, 0, 0.1389, NO, 813, 0, 0.1389, NO
812, 0, 0.1389, NO, 811, 0, 0.1389, NO, 810, 0, 0.1695, YES
809, 0, 0.1695, NO, 808, 0, 0.1695, NO, 807, 0, 0.1695, NO
806, 0, 0.1695, NO, 805, 0, 0.1695, NO, 804, 0, 0.1695, NO
803, 0, 0.1695, NO, 802, 0, 0.1695, NO, 801, 0, 0.1695, NO
NAME=L2-(Copy1), CROSS, CB, 0, 0, BACKWARD, 3, 0
833, -0.83, 0.1695, YES, 832, -0.83, 0.1695, NO
831, -0.83, 0.1695, NO, 830, -0.83, 0.1695, NO
829, -0.83, 0.1695, NO, 828, -0.83, 0.1695, NO
827, -0.83, 0.1695, NO, 826, -0.83, 0.1695, NO
825, -0.83, 0.1695, NO, 824, -0.83, 0.1695, NO
823, -0.83, 0.1389, YES, 822, -0.83, 0.1389, NO
821, -0.83, 0.1389, NO, 820, -0.83, 0.1389, NO
819, -0.83, 0.1389, NO, 818, -0.83, 0.1389, NO
817, -0.83, 0.1389, NO, 816, -0.83, 0.1389, NO
815, -0.83, 0.1389, NO, 814, -0.83, 0.1389, NO
813, -0.83, 0.1389, NO, 812, -0.83, 0.1389, NO
811, -0.83, 0.1389, NO, 810, -0.83, 0.1695, YES
809, -0.83, 0.1695, NO, 808, -0.83, 0.1695, NO
807, -0.83, 0.1695, NO, 806, -0.83, 0.1695, NO
805, -0.83, 0.1695, NO, 804, -0.83, 0.1695, NO
803, -0.83, 0.1695, NO, 802, -0.83, 0.1695, NO
801, -0.83, 0.1695, NO
NAME=L3, LANE, , 0, 0, BACKWARD, 3, 0
233, 0.1, 0.1695, YES, 232, 0.1, 0.1695, NO, 231, 0.1, 0.1695, NO
230, 0.1, 0.1695, NO, 229, 0.1, 0.1695, NO, 228, 0.1, 0.1695, NO
227, 0.1, 0.1695, NO, 226, 0.1, 0.1695, NO, 225, 0.1, 0.1695, NO
224, 0.1, 0.1695, NO, 223, 0.1, 0.1389, YES, 222, 0.1, 0.1389, NO
221, 0.1, 0.1389, NO, 220, 0.1, 0.1389, NO, 219, 0.1, 0.1389, NO
218, 0.1, 0.1389, NO, 217, 0.1, 0.1389, NO, 216, 0.1, 0.1389, NO
215, 0.1, 0.1389, NO, 214, 0.1, 0.1389, NO, 213, 0.1, 0.1389, NO
212, 0.1, 0.1389, NO, 211, 0.1, 0.1389, NO, 210, 0.1, 0.1695, YES
209, 0.1, 0.1695, NO, 208, 0.1, 0.1695, NO, 207, 0.1, 0.1695, NO

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PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역

Company	(주)동우기술단	Client	
Author	부설연구소	File Name	용성2교-라행선

206, 0.1, 0.1695, NO, 205, 0.1, 0.1695, NO, 204, 0.1, 0.1695, NO
203, 0.1, 0.1695, NO, 202, 0.1, 0.1695, NO, 201, 0.1, 0.1695, NO
NAME=L3-(Copy1), LANE, 0, 0, BACKWARD, 3, 0
233, -0.63, 0.1695, YES, 232, -0.63, 0.1695, NO
231, -0.63, 0.1695, NO, 230, -0.63, 0.1695, NO
229, -0.63, 0.1695, NO, 228, -0.63, 0.1695, NO
227, -0.63, 0.1695, NO, 226, -0.63, 0.1695, NO
225, -0.63, 0.1695, NO, 224, -0.63, 0.1695, NO
223, -0.63, 0.1389, YES, 222, -0.63, 0.1389, NO
221, -0.63, 0.1389, NO, 220, -0.63, 0.1389, NO
219, -0.63, 0.1389, NO, 218, -0.63, 0.1389, NO
217, -0.63, 0.1389, NO, 216, -0.63, 0.1389, NO
215, -0.63, 0.1389, NO, 214, -0.63, 0.1389, NO
213, -0.63, 0.1389, NO, 212, -0.63, 0.1389, NO
211, -0.63, 0.1389, NO, 210, -0.63, 0.1695, YES
209, -0.63, 0.1695, NO, 208, -0.63, 0.1695, NO
207, -0.63, 0.1695, NO, 206, -0.63, 0.1695, NO
205, -0.63, 0.1695, NO, 204, -0.63, 0.1695, NO
203, -0.63, 0.1695, NO, 202, -0.63, 0.1695, NO
201, -0.63, 0.1695, NO

*LSUPPORT : Lane Supports - Negative Moments at Interior Piers
: ITYPE, ELEM_LIST, POSITION : (When ITYPE=0)
: ITYPE, GROUP-NAME : (When ITYPE=1)
0, 101 111 124 201 211 224, END=1
0, 110 123 133 210 223 233, END=J

*VEHICLE : Vehicles
: if Moving Load Code is China
: NAME=NAME, 1, TYPE-NAME, CODE : standard
: NAME=NAME, 2, LTYPE, [TRUCK/LANE] or [TRAIN/SUBWAY] or [CROWD] : 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, Lt1, Pk2, L2 : lane load2
: [TRUCK/LANE] : 4, dW, dD : crawler type
: [TRAIN/SUBWAY] : 5 : GC type load
: [TRAIN/SUBWAY] : ITYPE, W1, D1, W2, D2 : train-type1,3
: [TRAIN/SUBWAY] : ITYPE, D0, FD, B0, 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
: NAME=NAME, 1, TYPE-NAME, CODE : standard
: NAME=NAME, 2, bWTB, P, D, Pb, Db, d01, d02, NDIST : user: line 1
: NAME=NAME, 2, bWTB, d01, d02, NDIST : user: line 1
: LOAD1, DIST1, LOAD2, DIST2, ... : user: from line 2
: if Moving Load Code is CANADA
: NAME=NAME, 1, TYPE-NAME, DLA, CODE, [DYNA] : standard
: NAME=NAME, 2, bTRAIN, W(W1), PL(D1), PLM(W2), PLV(D2), NDIST, [DYNA] : user: line 1
: LOAD1, DIST1, LOAD2, DIST2, ... : user: from line 2
: [DYNA] : nDYNA, FACTAXLE, FACT2AXLE, FACT3AXLE : Dynamic Load Allowance
: if Moving Load Code is BS
: NAME=NAME, 1, TYPE-NAME, CODE, UNITNUM : standard
: NAME=Lane, 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)

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Company	(주)동우기술단	Client	
Author	부설연구소	File Name	용성2교-라행선

: 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, bDF, bU, PHI, PSY, ADJ, IN : standard (others)
: NAME=NAME, 2, 1, [AF7] : user(Type 1)
: [LOAD7], D, PHI, TSPY, UPSY : user(Type 1): line 2
: NAME=NAME, 2, ALP, TSPY, 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, bDF, 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 (Kak)
: 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 : standard (CONCENTRATED LOAD (W/O OTHER LOADS))
: NAME=NAME, 2, ITYPE, W, nDYNAFAC, dDYNAFAC : user (Type 1)
: 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
: NAME=NAME, 1, TYPE-NAME, nLANETYPE, dDYNAFAC, CODE : standard
: NAME=NAME, 2, W1 : user: line 1
: 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, bEDML1, bSV1, P1, D1, P2, D2, ..., Pn, Dn : user(from line 2)
: :
: AXLE-TYPE-NAMEn, bEDMLn, bSVn, P1, D1, P2, D2, ..., Pn, Dn :
: AXLE-TYPE1, SPACING1, bVS1, AXLE-TYPE2, SPACING2, bVS2, ... : line 2+AXLE-TYPE-NUM
: if Moving Load Code is not one of those specified above.

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MIDAS

PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역

Company	(주)동우기술단	Client	
Author	부설연구소	File Name	용성2교-라행선

: NAME=NAME, 1, TYPE-NAME, DLA, CODE : standard
: NAME=NAME, 2, bTRAIN, W(W1), PL(D1), PLM(W2), PLV(D2), NDIST : user: line 1
: LOAD1, DIST1, LOAD2, DIST2, ... : user: from line 2
: NAME=OB-24, 1, OB-24, 0, KS2005
: NAME=DL-24, 1, DL-24, 0, KS2005
*MVLDCASE : Moving Load Cases
: NAME=NAME, bLCPV, SCALE1, SCALE2, SCALE3, SCALE4, SCALE5, SCALE6, COMB, DESC : 1st line
: nLTYPE, 2LFACTOR1, 2LFACTOR2, 3LFACTOR1, 3LFACTOR2, 3LFACTOR3, 3LFACTOR4 : 2st line
: TYPE1, VCLASS1, SCALE1, iMIN1, iMAX1, LANE11, LANE12, ... : 3nd line
: ... : ...
: TYPEn, VCLASSn, SCALEn, iMINn, iMAXn, LANE1n, LANE2n, ... : n+1th line
: NAME=NAME, bLCPV, VEHICLE, REFLANE, EOCEN, SCALE, DESC : Permit
: NAME=MV, NO, 1, 1, 0.9, 0.75, 0.75, 0.75, INDEPENDENT,
1, 1, 1, 1, 1, 0.5, 0.25
VL, OB-24, 1, 1, 3, L1, L2, L3
VL, DL-24, 1, 1, 3, L1, L2, L3
NAME=MV2, NO, 1, 1, 0.9, 0.75, 0.75, 0.75, INDEPENDENT,
1, 1, 1, 1, 1, 0.5, 0.25
VL, OB-24, 1, 1, 3, L1-(Copy1), L2-(Copy1), L3-(Copy1)
VL, DL-24, 1, 1, 3, L1-(Copy1), L2-(Copy1), L3-(Copy1)

*LOADCOMB : Combinations
: NAME=NAME, KIND, ACTIVE, bES, ITYPE, DESC, ISERV-TYPE, nLOCMTYPE : line 1
: ANAL1, LCNAME1, FACT1, ... : from line 2
: NAME=LCT1, GEN, ACTIVE, 0, 0, 0, 0
ST, DL(BC), 1, ST, DL(AC), 1, MV, MV, 1

*CON-REAC-GROUP : Concurrent Reaction Group
: GROUP1, GROUP2, ..., GROUPn
p1, p2

*LC-COLOR : Diagram Color for Load Case
: ANAL, LCNAME, iR1(ALL), iG1(ALL), iB1(ALL), iR2(MIN), iG2(MIN), iB2(MIN), iR3(MAX), iG2(MAX), iB2(MAX)

ST, DL(BC), 255, 192, 160, 0, 192, 128, 255, 87, 128
ST, DL(AC), 0, 192, 192, 160, 255, 255, 93, 255, 87
ST, WL(No Live), 0, 128, 192, 255, 192, 160, 148, 87, 255
ST, WL(Live), 128, 192, 0, 148, 87, 255, 255, 192, 160
ST, Unit Moment, 255, 255, 87, 255, 255, 255, 255, 0, 192
MV, MV, 148, 87, 255, 0, 128, 57, 255, 192, 160
MV, MV2, 0, 128, 255, 85, 0, 192, 160, 192, 255
CB, LC1, 255, 192, 160, 78, 0, 255, 0, 157, 192

*EIGEN-CTRL : Eigenvalue Analysis Control
: TYPE, iFREQ, iITER, iDIM, TOL, bMINMAX, FRMIN, FRMAX, bSTRUM : TYPE=EIGEN
: TYPE, bINCLN, iGNUM : TYPE=RITZ(line 1)
: KIND1, CASE1/GROUND1, iNOG1, ... : TYPE=RITZ(from line2)
EIGEN, 20, 20, 1, 1e-010, NO, 0, 1600, NO

*DGN-MATL : Modify Steel(Concrete) Material
: IMAT, TYPE, MNAME, [DATA1] : STEEL
: IMAT, TYPE, MNAME, [DATA2], [R-DATA], FC1, bSERV, SHORT, LONG : CONC
: IMAT, TYPE, MNAME, [DATA3], [DATA2], [R-DATA] : SRC
: IMAT, TYPE, MNAME, [DATA5] : STEEL(None) & KSCE-ASD05
: [DATA1] : 1, DB, CODE, NAME or 2, ELAST, POISN, FU, FY1, FY2, FY3, FY4
: FY5, FY6, AFT, AFT2, AFT3, FY, AFV, AFV2, AFV3

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PROJECT TITLE : **논산철안 1중시설물 정밀안전진단 용역**

	Company	(주)동우기술단	Client	
	Author	부설연구소	File Name	용성2교-하행선

: [DATA2] : 1, DB, CODE, NAME or 2, FC, CHK, LAMBDA
: [DATA3] : 1, DB, CODE, NAME or 2, ELAST, FU, FY1, FY2, FY3, FY4
: FY5, FY6, AFT, AFT2, AFT3, FY, AFV, AFV2, AFV3
: [DATA4] : 1, DB, CODE, NAME or 2, FC
: [DATA5] : 3, ELAST, POISN, AL1, AL2, AL3, AL4, AL5, AL6, AL7, AL8, AL9, AL10
: MIN1, MIN2, MIN3
: [R-DATA] : RBCCODE, RBMAIN, RBSUB, FY(R), FYS
1, STEEL, SWS490 , 2, 2.0594e+008, 0.3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
2, STEEL, SWS400C , 2, 2.0594e+008, 0.3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
3, STEEL, SWS400S , 2, 2.0594e+008, 0.3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

*ENDDATA