

MIDAS

PROJECT TITLE : 논산철안 1중시설물 경밀안전진단 용역				
	Company	(주)동우기술단	Client	
	Author	부설연구소	File Name	연부1교로

: 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
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103, 14.5734686666667, 7.17036666666667, 0
104, 18.0255, 10.7555, 0
105, 21.4775333333333, 14.3407333333333, 0
106, 24.9295666666667, 17.9259166666667, 0
107, 28.3816, 21.5111, 0
108, 31.7926222222222, 25.1669, 0
109, 35.2036444444444, 28.8227, 0
110, 38.6146666666667, 32.4785, 0
111, 42.0256888888889, 36.1343, 0
112, 45.4367111111111, 39.7901, 0
113, 48.8477333333333, 43.4459, 0
114, 52.2587555555556, 47.1017, 0
115, 55.6697777777778, 50.7575, 0
116, 59.0808, 54.4133, 0
117, 62.49183, 58.0891, 0
118, 65.90286, 61.7249, 0
119, 69.31389, 65.3807, 0
120, 72.72492, 69.0365, 0
121, 76.13595, 72.6923, 0
122, 79.54698, 76.3481, 0
123, 82.95801, 80.0039, 0
124, 86.36904, 83.6597, 0
125, 89.78007, 87.3155, 0
126, 93.1911, 90.9713, 0
127, 96.6021333333333, 94.6271, 0
128, 100.013166666667, 98.2829, 0
129, 103.4242, 101.9387, 0
130, 106.835233333333, 105.5945, 0
131, 110.246266666667, 109.2503, 0
132, 113.6573, 112.9061, 0
133, 117.068333333333, 116.5619, 0
134, 120.479366666667, 120.2177, 0

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135, 123.8904, 123.8735, 0
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137, 130.608533333333, 131.072066666667, 0
138, 133.9676, 134.67135, 0
139, 137.326666666667, 138.270633333333, 0
140, 140.685733333333, 141.869916666667, 0
141, 144.0448, 145.4692, 0
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202, 7.23793333333333, 7.5708166666667, 0
203, 10.6506666666667, 11.1161333333333, 0
204, 14.0722, 14.66145, 0
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209, 31.1456666666667, 32.609, 0
210, 34.5567, 36.2648, 0
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212, 41.3787666666667, 43.5764, 0
213, 44.7898, 47.2322, 0
214, 48.2008333333333, 50.888, 0
215, 51.6118666666667, 54.5438, 0
216, 55.0229, 58.1996, 0
217, 58.43393, 61.8554, 0
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223, 78.90011, 83.7902, 0
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225, 85.72217, 91.1018, 0
226, 89.1332, 94.7576, 0
227, 92.5442333333333, 98.4134, 0
228, 95.9526666666667, 102.0692, 0
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231, 106.188366666667, 113.0366, 0
232, 109.5994, 116.6924, 0
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234, 116.421466666667, 124.004, 0
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306, 16.8880833333333, 25.5781666666667, 0
307, 20.2657, 29.0836, 0
308, 23.6767333333333, 32.7394, 0

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309, 27.0877666666667, 36.3952, 0
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317, 54.37603, 65.6416, 0
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320, 64.60912, 76.609, 0
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323, 74.84221, 87.5764, 0
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327, 88.4863222222222, 102.1996, 0
328, 91.8973444444444, 105.8554, 0
329, 95.3083666666667, 109.5112, 0
330, 98.7193888888889, 113.167, 0
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336, 119.136, 135.047866666667, 0
337, 122.4975, 138.649733333333, 0
338, 125.859, 142.2516, 0
339, 129.2205, 145.853466666667, 0
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514, 50.2297944444445, 48.99485, 0
515, 53.6408222222222, 52.65065, 0
516, 57.05185, 56.30645, 0
517, 60.46288, 59.96225, 0
518, 63.87391, 63.61805, 0
519, 67.28494, 67.27385, 0
520, 70.69597, 70.92965, 0
521, 74.107, 74.58545, 0
522, 77.51803, 78.24125, 0
523, 80.92906, 81.89705, 0

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524, 84.34009, 85.55285, 0
525, 87.75112, 89.20865, 0
526, 91.16215, 92.86445, 0
527, 94.5731833333333, 96.52025, 0
528, 97.9842166666667, 100.17605, 0
529, 101.39525, 103.83185, 0
530, 104.806283333333, 107.48765, 0
531, 108.217316666667, 111.14345, 0
532, 111.62835, 114.79925, 0
533, 115.039383333333, 118.45505, 0
534, 118.450416666667, 122.11085, 0
535, 121.86145, 125.76665, 0
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538, 131.94045, 136.566425, 0
539, 135.300116666667, 140.16635, 0
540, 138.659783333333, 143.766275, 0
541, 142.01945, 147.3662, 0
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603, 8.70515, 13.089, 0
604, 12.102525, 16.614375, 0
605, 15.4999, 20.13975, 0
606, 18.897275, 23.665125, 0
607, 22.29465, 27.1905, 0
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617, 56.40498, 63.7485, 0
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619, 63.22704, 71.0601, 0
620, 66.63807, 74.7159, 0
621, 70.0491, 78.3717, 0
622, 73.46013, 82.0275, 0
623, 76.87116, 85.6833, 0
624, 80.28219, 89.3391, 0
625, 83.69322, 92.9949, 0
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629, 97.3373333333333, 107.6181, 0
630, 100.748361111111, 111.2739, 0
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632, 107.570416666667, 118.5855, 0
633, 110.981444444444, 122.2413, 0
634, 114.392472222222, 125.8971, 0
635, 117.8035, 129.5529, 0
636, 121.164983333333, 133.154116666667, 0
637, 124.525266666667, 136.755333333333, 0
638, 127.88615, 140.35655, 0

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639, 131.247033333333, 143.957766666667, 0
640, 134.607916666667, 147.558983333333, 0
641, 137.9688, 151.1602, 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, IWID : 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
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207, BEAM , 1, 14, 207, 208, 0
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	Author	부설연구소	File Name	연부1교로

439, BEAM , 2, 2, 139, 539, 0
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538, BEAM , 2, 2, 538, 238, 0
539, BEAM , 2, 2, 539, 239, 0
540, BEAM , 2, 2, 540, 240, 0
541, BEAM , 2, 2, 541, 241, 0
601, BEAM , 2, 2, 201, 601, 0
602, BEAM , 2, 2, 202, 602, 0
603, BEAM , 2, 2, 203, 603, 0
604, BEAM , 2, 2, 204, 604, 0
605, BEAM , 2, 2, 205, 605, 0
606, BEAM , 2, 2, 206, 606, 0
607, BEAM , 2, 2, 207, 607, 0
608, BEAM , 2, 2, 208, 608, 0
609, BEAM , 2, 2, 209, 609, 0
610, BEAM , 2, 2, 210, 610, 0
611, BEAM , 2, 2, 211, 611, 0
612, BEAM , 2, 2, 212, 612, 0

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PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역						
MIDAS		Company	(주)풍우기술단		Client	
		Author	부설연구소		File Name	연부교로
613, BEAM	, 2, 2, 213, 613, 0					
614, BEAM	, 2, 2, 214, 614, 0					
615, BEAM	, 2, 2, 215, 615, 0					
616, BEAM	, 2, 2, 216, 616, 0					
617, BEAM	, 2, 2, 217, 617, 0					
618, BEAM	, 2, 2, 218, 618, 0					
619, BEAM	, 2, 2, 219, 619, 0					
620, BEAM	, 2, 2, 220, 620, 0					
621, BEAM	, 2, 2, 221, 621, 0					
622, BEAM	, 2, 2, 222, 622, 0					
623, BEAM	, 2, 2, 223, 623, 0					
624, BEAM	, 2, 2, 224, 624, 0					
625, BEAM	, 2, 2, 225, 625, 0					
626, BEAM	, 2, 2, 226, 626, 0					
627, BEAM	, 2, 2, 227, 627, 0					
628, BEAM	, 2, 2, 228, 628, 0					
629, BEAM	, 2, 2, 229, 629, 0					
630, BEAM	, 2, 2, 230, 630, 0					
631, BEAM	, 2, 2, 231, 631, 0					
632, BEAM	, 2, 2, 232, 632, 0					
633, BEAM	, 2, 2, 233, 633, 0					
634, BEAM	, 2, 2, 234, 634, 0					
635, BEAM	, 2, 2, 235, 635, 0					
636, BEAM	, 2, 2, 236, 636, 0					
637, BEAM	, 2, 2, 237, 637, 0					
638, BEAM	, 2, 2, 238, 638, 0					
639, BEAM	, 2, 2, 239, 639, 0					
640, BEAM	, 2, 2, 240, 640, 0					
641, BEAM	, 2, 2, 241, 641, 0					
701, BEAM	, 2, 2, 601, 301, 0					
702, BEAM	, 2, 2, 602, 302, 0					
703, BEAM	, 2, 2, 603, 303, 0					
704, BEAM	, 2, 2, 604, 304, 0					
705, BEAM	, 2, 2, 605, 305, 0					
706, BEAM	, 2, 2, 606, 306, 0					
707, BEAM	, 2, 2, 607, 307, 0					
708, BEAM	, 2, 2, 608, 308, 0					
709, BEAM	, 2, 2, 609, 309, 0					
710, BEAM	, 2, 2, 610, 310, 0					
711, BEAM	, 2, 2, 611, 311, 0					
712, BEAM	, 2, 2, 612, 312, 0					
713, BEAM	, 2, 2, 613, 313, 0					
714, BEAM	, 2, 2, 614, 314, 0					
715, BEAM	, 2, 2, 615, 315, 0					
716, BEAM	, 2, 2, 616, 316, 0					
717, BEAM	, 2, 2, 617, 317, 0					
718, BEAM	, 2, 2, 618, 318, 0					
719, BEAM	, 2, 2, 619, 319, 0					
720, BEAM	, 2, 2, 620, 320, 0					
721, BEAM	, 2, 2, 621, 321, 0					
722, BEAM	, 2, 2, 622, 322, 0					
723, BEAM	, 2, 2, 623, 323, 0					
724, BEAM	, 2, 2, 624, 324, 0					
725, BEAM	, 2, 2, 625, 325, 0					
726, BEAM	, 2, 2, 626, 326, 0					
727, BEAM	, 2, 2, 627, 327, 0					

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PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역						
MIDAS		Company	(주)풍우기술단		Client	
		Author	부설연구소		File Name	연부교로
728, BEAM	, 2, 2, 628, 328, 0					
729, BEAM	, 2, 2, 629, 329, 0					
730, BEAM	, 2, 2, 630, 330, 0					
731, BEAM	, 2, 2, 631, 331, 0					
732, BEAM	, 2, 2, 632, 332, 0					
733, BEAM	, 2, 2, 633, 333, 0					
734, BEAM	, 2, 2, 634, 334, 0					
735, BEAM	, 2, 2, 635, 335, 0					
736, BEAM	, 2, 2, 636, 336, 0					
737, BEAM	, 2, 2, 637, 337, 0					
738, BEAM	, 2, 2, 638, 338, 0					
739, BEAM	, 2, 2, 639, 339, 0					
740, BEAM	, 2, 2, 640, 340, 0					
741, BEAM	, 2, 2, 641, 341, 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					
830, BEAM	, 3, 3, 530, 531, 0					
831, BEAM	, 3, 3, 531, 532, 0					
832, BEAM	, 3, 3, 532, 533, 0					
833, BEAM	, 3, 3, 533, 534, 0					
834, BEAM	, 3, 3, 534, 535, 0					
835, BEAM	, 3, 3, 535, 536, 0					
836, BEAM	, 3, 3, 536, 537, 0					
837, BEAM	, 3, 3, 537, 538, 0					
838, BEAM	, 3, 3, 538, 539, 0					
839, BEAM	, 3, 3, 539, 540, 0					
840, BEAM	, 3, 3, 540, 541, 0					
901, BEAM	, 3, 3, 601, 602, 0					
902, BEAM	, 3, 3, 602, 603, 0					

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PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역						
MIDAS		Company	(주)풍우기술단		Client	
		Author	부설연구소		File Name	연부교로
903, BEAM	, 3, 3, 603, 604, 0					
904, BEAM	, 3, 3, 604, 605, 0					
905, BEAM	, 3, 3, 605, 606, 0					
906, BEAM	, 3, 3, 606, 607, 0					
907, BEAM	, 3, 3, 607, 608, 0					
908, BEAM	, 3, 3, 608, 609, 0					
909, BEAM	, 3, 3, 609, 610, 0					
910, BEAM	, 3, 3, 610, 611, 0					
911, BEAM	, 3, 3, 611, 612, 0					
912, BEAM	, 3, 3, 612, 613, 0					
913, BEAM	, 3, 3, 613, 614, 0					
914, BEAM	, 3, 3, 614, 615, 0					
915, BEAM	, 3, 3, 615, 616, 0					
916, BEAM	, 3, 3, 616, 617, 0					
917, BEAM	, 3, 3, 617, 618, 0					
918, BEAM	, 3, 3, 618, 619, 0					
919, BEAM	, 3, 3, 619, 620, 0					
920, BEAM	, 3, 3, 620, 621, 0					
921, BEAM	, 3, 3, 621, 622, 0					
922, BEAM	, 3, 3, 622, 623, 0					
923, BEAM	, 3, 3, 623, 624, 0					
924, BEAM	, 3, 3, 624, 625, 0					
925, BEAM	, 3, 3, 625, 626, 0					
926, BEAM	, 3, 3, 626, 627, 0					
927, BEAM	, 3, 3, 627, 628, 0					
928, BEAM	, 3, 3, 628, 629, 0					
929, BEAM	, 3, 3, 629, 630, 0					
930, BEAM	, 3, 3, 630, 631, 0					
931, BEAM	, 3, 3, 631, 632, 0					
932, BEAM	, 3, 3, 632, 633, 0					
933, BEAM	, 3, 3, 633, 634, 0					
934, BEAM	, 3, 3, 634, 635, 0					
935, BEAM	, 3, 3, 635, 636, 0					
936, BEAM	, 3, 3, 636, 637, 0					
937, BEAM	, 3, 3, 637, 638, 0					
938, BEAM	, 3, 3, 638, 639, 0					
939, BEAM	, 3, 3, 639, 640, 0					
940, BEAM	, 3, 3, 640, 641, 0					
*GROUP : Group						
: NAME, NODE_LIST, ELEM_LIST, PLANE_TYPE						
G1	, 101to141, 101to140, 0					
G2	, 201to241, 201to240, 0					
CB	, 401to441 501to541 601to641 701to741, 0					
G3	, 301to341, 301to340, 0					
ST1	, 801to840, 0					
ST2	, 901to940, 0					
p1	, 107 207 307, 0					
p2	, 116 216 316, 0					
p3	, 126 226 326, 0					
p4	, 135 235 335, 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					

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PROJECT TITLE : 논산천안 1중시설물 경밀안전진단 용역

MIDAS	Company	(주)풍우기술단	Client	
	Author	부설연구소	File Name	연부교로

: [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, SMS490 , 0, 0, , C, NO, 0.02, 2, 2.0594e+008, 0.3, 1.2000e-005, 87.156, 0
2, STEEL, SMS400C , 0, 0, , C, NO, 0.02, 2, 2.0594e+008, 0.3, 1.2000e-005, 105.686, 0
3, STEEL, SMS400S , 0, 0, , C, NO, 0.02, 2, 2.0594e+008, 0.3, 1.2000e-005, 105.686, 0
*MATL-COLOR
: IMAT, WLR, WLG, WLB, 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, lxx1, lyy1, lzz1 : 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 : 2nd, 3rd, 4th
: ISEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, iVVAR, iZVAR, STYPE : 1st line - TAPERED
: DB, NAME1, NAME2 : 2nd line(STYPE=DB)
: [D1M1], [D1M2] : 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=COMP-IMPV)
)
: bSEARCHK, [SCHK-I], [SCHK-J], [WT-I], [WT-J], W1, WJ, bSYM, bSIDEHOLE : 3rd line(STYPE=PSC)
: bSEARCHK, bSYM, bHUNCH, [CMPWEB-I], [CMPWEB-J] : 3rd line(STYPE=PSC-COMPV)
)
: 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, DSoc, PS, PC, bMULTI, ESoc-L, ESoc-S : 2nd line(STYPE=COMP-B/I)

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PROJECT TITLE : 논산천안1중시설물 경밀안전진단 용역				
	Company	(주) 동우기술단	Client	
	Author	부설연구소	File Name	연부교과
:	SWL_i, Hw_i, tw_i, B_i, Bf1_i, tf1_i, B2_i, Bf2_i, tf2_i			: 3rd line(STYPE=OMP-B/I)
:	SWL_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, 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)				
:	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
:				
:	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
:	bSSEARCHK, [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] : CCSHAPE or ICEL or IN1, IN2			
:	[SRC] : 1, DB, NAME1, NAME2 or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, IN1, IN2			
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PROJECT TITLE : 논산천안1중시설물 경밀안전진단 용역

	Company	(주)동우기술단	Client	
	Author	부설연구소	File Name	연부교과

: [DIM1], [DIM2] : D1, D2, D3, D4, D5, D6, D7, D8

: [OFFSET] : OFFSET, iCENT, iREF, iHORZ, HUSER, iVERT, VUSER

: [OFFSET2] : OFFSET, iCENT, iREF, iHORZ, HUSERJ, iVERT, VUSERJ, VUSERJ

: [JOINT] : 8(ICELL, 2CELL), 13(3CELL), 9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB), 0(nCELL), 2(nCEL2)

: [SIZE-A] : 6(ICELL, 2CELL), 10(3CELL), 10(PSCM), 6(PSCH), 8(PSCT), 10(PSCB), 5(nCELL), 11(nCEL2)

: [SIZE-B] : 6(ICELL, 2CELL), 12(3CELL), 6(PSCM), 6(PSCH), 8(PSCT), 6(PSCB), 8(nCELL), 18(nCEL2)

: [SIZE-C] : 10(ICELL, 2CELL), 13(3CELL), 9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB), 0(nCELL), 11(nCEL2)

: [SIZE-D] : 8(ICELL, 2CELL), 13(3CELL), 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] : 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, 2.4, 0.1, 0.012, 2.4, 0.1, 0.012

0, 0, 0.15, 0.15, 0.014, 0.014

12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, ,

12, COMPOSITE, 12, CT, 0, 0, 0, 0, 0, 0, YES, B

2.3, 0.012, 2.4, 0.1, 0.014, 2.4, 0.1, 0.016

0, 0, 0.15, 0.15, 0.014, 0.014

12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, ,

13, COMPOSITE, 13, CT, 0, 0, 0, 0, 0, 0, YES, B

2.3, 0.012, 2.4, 0.1, 0.02, 2.4, 0.1, 0.014

0, 0, 0.15, 0.15, 0.014, 0.014

12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, ,

14, COMPOSITE, 14, CT, 0, 0, 0, 0, 0, 0, YES, B

2.3, 0.012, 2.4, 0.1, 0.02, 2.4, 0.1, 0.022

0, 0, 0.15, 0.15, 0.014, 0.014

12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, ,

15, COMPOSITE, 15, CT, 0, 0, 0, 0, 0, 0, YES, B

2.3, 0.012, 2.4, 0.1, 0.018, 2.4, 0.1, 0.016

0, 0, 0.15, 0.15, 0.014, 0.014

12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, ,

16, COMPOSITE, 16, CT, 0, 0, 0, 0, 0, 0, YES, B

2.3, 0.012, 2.4, 0.1, 0.018, 2.4, 0.1, 0.018

0, 0, 0.15, 0.15, 0.014, 0.014

12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, ,

17, COMPOSITE, 17, CT, 0, 0, 0, 0, 0, 0, YES, B

2.3, 0.012, 2.4, 0.1, 0.024, 2.4, 0.1, 0.022

0, 0, 0.15, 0.15, 0.014, 0.014

12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, ,

18, COMPOSITE, 18, CT, 0, 0, 0, 0, 0, 0, YES, B

2.3, 0.012, 2.4, 0.1, 0.024, 2.4, 0.1, 0.028

0, 0, 0.15, 0.15, 0.014, 0.014

12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, ,

19, COMPOSITE, 19, CT, 0, 0, 0, 0, 0, 0, YES, B

2.3, 0.012, 2.4, 0.1, 0.018, 2.4, 0.1, 0.022

0, 0, 0.15, 0.15, 0.014, 0.014

12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, ,

20, COMPOSITE, 20, CT, 0, 0, 0, 0, 0, 0, YES, B

2.3, 0.012, 2.4, 0.1, 0.018, 2.4, 0.1, 0.02

0, 0, 0.15, 0.15, 0.014, 0.014

12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, ,

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PROJECT TITLE : 논산천안1중시설물 경밀안전진단 용역				
	Company	(주)동우기술단	Client	
	Author	부설연구소	File Name	연부교과
*SECT-COLOR				
: ISEC, WL_R, WL_G, WL_B, HF_R, HF_G, HF_B, 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				
: 16, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5				
: 17, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5				
: 18, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5				
: 19, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5				
: 20, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5				
*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, 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
: ISEC, 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=COMP-UB)
: bSSEARCHK, [SOHK-I], [SOHK-J], [WT-I], [WT-J], W1, WJ, bSYMM, bSIDEHOLE				: 3rd line(STYPE=PSC)
: bSSEARCHK, bSYMM, bHUNCH, [CMPNEB-I], [CMPNEB-J]				: 3rd line(STYPE=PSC-UB)
: bUSERDEFMESHISIZE, MESHISIZE, 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=COMP-B/I)
: SWL_I, Hw_I, tw_I, B_I, Bf1_I, tf1_I, B2_I, Bf2_I, tf2_I				: 3rd line(STYPE=COMP-B/I)

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PROJECT TITLE : 노산철안 1중시설을 경밀안전진단 용역

Company	(주)동우기술단	Client	
Author	부설연구소	File Name	연부노교

```
[OFFSET2]: OFFSET, iCENT, iREF, iHORZ, iUSER1, iUSERJ, iVERT, iUSER1, iUSERJ
:[JOINT]: 8(iCELL, 2(CELL), 13(3CELL), 9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB, 0(ncELL), 2(ncEL2)
:[SIZE-A]: 6(iCELL, 2(CELL), 10(3CELL), 10(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(PSCH), 10(PSCH), 7(PSCT), 8(PSCB, 0(ncELL), 11(ncEL2)
:[SIZE-D]: 8(iCELL, 2(CELL), 13(3CELL), 6(PSCM), 7(PSCH), 8(PSCT), 5(PSCB, 0(ncELL), 18(ncEL2)
:[STIFF]: AREA, ASy, ASz, Ixx, Iyy, Izz
:[SOCK]: bAUTO_Z1, Z1, bAUTO_Z3, Z3
:[WT]: bAUTO_TOR, TOR, bAUTO_SHR1, SHR1, bAUTO_SHR2, SHR2, bAUTO_SHR3, SHR3
:[QMPWEB]: 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, 0.005, 0, 0, 0
11, COMPOSITE, 11, CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.4, 0.1, 0.012, 2.4, 0.1, 0.012
0, 0, 0.15, 0.15, 0.014, 0.014
12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, .
12, COMPOSITE, 12, CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.4, 0.1, 0.014, 2.4, 0.1, 0.016
0, 0, 0.15, 0.15, 0.014, 0.014
12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, .
13, COMPOSITE, 13, CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.4, 0.1, 0.02, 2.4, 0.1, 0.014
0, 0, 0.15, 0.15, 0.014, 0.014
12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, .
14, COMPOSITE, 14, CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.4, 0.1, 0.02, 2.4, 0.1, 0.022
0, 0, 0.15, 0.15, 0.014, 0.014
12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, .
15, COMPOSITE, 15, CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.4, 0.1, 0.018, 2.4, 0.1, 0.016
0, 0, 0.15, 0.15, 0.014, 0.014
12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, .
16, COMPOSITE, 16, CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.4, 0.1, 0.018, 2.4, 0.1, 0.018
0, 0, 0.15, 0.15, 0.014, 0.014
12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, .
17, COMPOSITE, 17, CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.4, 0.1, 0.024, 2.4, 0.1, 0.022
0, 0, 0.15, 0.15, 0.014, 0.014
12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, .
18, COMPOSITE, 18, CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.4, 0.1, 0.024, 2.4, 0.1, 0.028
0, 0, 0.15, 0.15, 0.014, 0.014
12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, .
19, COMPOSITE, 19, CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.4, 0.1, 0.018, 2.4, 0.1, 0.022
0, 0, 0.15, 0.15, 0.014, 0.014
12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, .
20, COMPOSITE, 20, CT, 0, 0, 0, 0, 0, 0, YES, B
2.3, 0.012, 2.4, 0.1, 0.018, 2.4, 0.1, 0.02
0, 0, 0.15, 0.15, 0.014, 0.014
12.1, 3, 7.2, 6.05, 0.25, 0, 8, 0, 0, 0, NO, .
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MIDAS

PROJECT TITLE : 노산철안 1중시설을 경밀안전진단 용역

Company	(주)동우기술단	Client	
Author	부설연구소	File Name	연부노교

```
*STLDCASE : Static Load Cases
: LONAME, LCTYPE, DESC
DL(BC), 0
DL(AC), 0
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, PIX, PIY, PIZ, P2X, P2Y, P2Z : iMETHOD=2
: NODE_LIST, iMETHOD, V1X, V1Y, V1Z, V2X, V2Y, V2Z : iMETHOD=3
101, 1, 0, 0, 46.08
107, 1, 0, 0, 46.53
116, 1, 0, 0, 46.98
126, 1, 0, 0, 46.98
135, 1, 0, 0, 46.98
141, 1, 0, 0, 46.98
201, 1, 0, 0, 46.08
207, 1, 0, 0, 46.53
216, 1, 0, 0, 46.98
226, 1, 0, 0, 46.98
235, 1, 0, 0, 46.98
241, 1, 0, 0, 46.98
```

```
*CONSTRAINT : Supports
: NODE_LIST, CONST(Dx,Dy,Dz,Rx,Ry,Rz), GROUP
226, 111111,
126 326, 101000,
101 107 116 135 141 301 307 316 335 341, 001000,
201 207 216 235 241, 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, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
101, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
102, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
102, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
103, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
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MIDAS

PROJECT TITLE : 노산철안 1중시설을 경밀안전진단 용역

Company	(주)동우기술단	Client	
Author	부설연구소	File Name	연부노교

```
103, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
104, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
104, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
105, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
105, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
106, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
106, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
106, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
107, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
107, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
108, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
108, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
109, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
109, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
110, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
110, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
111, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
111, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
112, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
112, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
113, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
113, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
114, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
114, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
115, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
115, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
116, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
116, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
117, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
117, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
118, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
118, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
119, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
119, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
120, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
120, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
121, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
121, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
122, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
122, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
123, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
123, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
124, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
124, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
125, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
125, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
126, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
126, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
127, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
127, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
128, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
128, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
129, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
129, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
130, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
130, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
131, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
```

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PROJECT TITLE : 노산철안 1중시설을 경밀안전진단 용역

Company	(주)동우기술단	Client	
Author	부설연구소	File Name	연부노교

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131, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
132, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
132, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
133, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
133, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
134, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
134, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
135, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
135, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
136, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
136, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
137, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
137, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
138, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
138, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
139, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
139, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
140, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, -5.846, 1, -5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
140, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -30.9, 1, -30.9, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
201, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -28.97, 1, -28.97, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
201, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, 5.846, 1, 5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
202, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, 5.846, 1, 5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
202, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -28.97, 1, -28.97, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
203, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, 5.846, 1, 5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
203, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -28.97, 1, -28.97, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
204, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -28.97, 1, -28.97, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
204, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, 5.846, 1, 5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
205, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -28.97, 1, -28.97, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
205, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, 5.846, 1, 5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
206, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, 5.846, 1, 5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
206, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -28.97, 1, -28.97, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
207, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -28.97, 1, -28.97, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
207, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, 5.846, 1, 5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
208, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, 5.846, 1, 5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
208, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -28.97, 1, -28.97, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
209, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, 5.846, 1, 5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
209, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -28.97, 1, -28.97, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
210, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, 5.846, 1, 5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
210, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -28.97, 1, -28.97, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
211, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, 5.846, 1, 5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
211, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -28.97, 1, -28.97, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
212, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -28.97, 1, -28.97, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
212, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, 5.846, 1, 5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
213, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, 5.846, 1, 5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
213, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -28.97, 1, -28.97, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
214, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -28.97, 1, -28.97, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
214, BEAM, UNILOAD, LX, NO, NO, adir[1], ., ., 0, 5.846, 1, 5.846, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
215, BEAM, UNILOAD, GZ, NO, NO, adir[1], ., ., 0, -28.97, 1, -28.97, 0, 0, 0, 0, ., NO, 0, 0, 0, NO
215, BEAM, UNILOAD, LX,
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PROJECT TITLE : 논산천안 1:중시시설물 경밀안전진단 용역			
	Company	(주)동우기술단	
	Author	부설연구소	Client
		File Name	연부노교

935, BEAM , UNIFORM, LZ, NO, NO, aDir[1], . . . , 0, -5.665, 1, -5.665, 0, 0, 0, 0, . . . NO, 0, 0, NO
936, BEAM , UNIFORM, LZ, NO, NO, aDir[1], . . . , 0, -5.665, 1, -5.665, 0, 0, 0, 0, . . . NO, 0, 0, NO
937, BEAM , UNIFORM, LZ, NO, NO, aDir[1], . . . , 0, -5.665, 1, -5.665, 0, 0, 0, 0, . . . NO, 0, 0, NO
938, BEAM , UNIFORM, LZ, NO, NO, aDir[1], . . . , 0, -5.665, 1, -5.665, 0, 0, 0, 0, . . . NO, 0, 0, NO
939, BEAM , UNIFORM, LZ, NO, NO, aDir[1], . . . , 0, -5.665, 1, -5.665, 0, 0, 0, 0, . . . NO, 0, 0, NO
940, BEAM , UNIFORM, LZ, NO, NO, aDir[1], . . . , 0, -5.665, 1, -5.665, 0, 0, 0, 0, . . . NO, 0, 0, NO

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

*USE-STLD, WL(No Live)

*BEAMLOAD : Element Beam Loads

: ELEM_LIST, CMD, TYPE, DIR, bPROJ, [ECCEN], [VALUE], GROUP
: ELEM_LIST, CMD, 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_J-END, ADDITIONAL_J-END, bADDITIONAL_J-END
301, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.196, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
301, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
302, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
302, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
303, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
303, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
304, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
304, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
305, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
305, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
306, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
306, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
307, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
307, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
308, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
308, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
309, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
309, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
310, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
310, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
311, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
311, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
312, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
312, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
313, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
313, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
314, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
314, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
315, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
315, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
316, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
316, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
317, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
317, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
318, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
318, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
319, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
319, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
320, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO

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PROJECT TITLE : 논산천안 1:중시시설물 경밀안전진단 용역			
	Company	(주)동우기술단	
	Author	부설연구소	Client
		File Name	연부노교

320, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
321, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
321, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
322, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
322, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
323, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
323, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
324, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
324, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
325, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
325, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
326, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
326, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
327, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
327, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
328, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
328, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
329, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
329, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
330, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
330, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
331, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
331, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
332, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
332, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
333, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
333, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
334, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
334, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
335, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
335, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
336, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
336, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
337, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
337, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
338, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
338, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
339, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 0, 0, NO
339, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
340, LINE , UNIFORM, LX, NO, NO, aDir[1], . . . , 0, -12.68, 1, -12.68, 0, 0, 0, 0, . . . NO, 0, 0, NO
340, LINE , UNIFORM, LY, NO, NO, aDir[1], . . . , 0, 1.2, 1, 1.2, 0, 0, 0, 0, . . . NO, 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_J-END, ADDITIONAL_J-END, bADDITIONAL_J-END
101, BEAM , CONMOMENT, LY, NO, NO, aDir[1], . . . , 0, 1, 1, 0, 0, 0, 0, 0, . . . NO, 0, 0, NO
140, BEAM , CONMOMENT, LY, NO, NO, aDir[1], . . . , 1, -1, 0, 0, 0, 0, 0, 0, . . . NO, 0, 0, NO
201, BEAM , CONMOMENT, LY, NO, NO, aDir[1], . . . , 0, 1, 1, 0, 0, 0, 0, 0, . . . NO, 0, 0, NO
240, BEAM , CONMOMENT, LY, NO, NO, aDir[1], . . . , 1, -1, 0, 0, 0, 0, 0, 0, . . . NO, 0, 0, NO

NAME=L2, CROSS, CB, 0, 0, BACKWARD, 3, 0
840, 0.775, 0.2143, YES, 839, 0.775, 0.2143, NO
838, 0.775, 0.2143, NO, 837, 0.775, 0.2143, NO
836, 0.775, 0.2143, NO, 835, 0.775, 0.2143, NO
834, 0.775, 0.176471, YES, 833, 0.775, 0.176471, NO
832, 0.775, 0.176471, NO, 831, 0.775, 0.176471, NO
830, 0.775, 0.176471, NO, 829, 0.775, 0.176471, NO
828, 0.775, 0.176471, NO, 827, 0.775, 0.176471, NO
826, 0.775, 0.176471, NO, 825, 0.775, 0.166667, YES
824, 0.775, 0.166667, NO, 823, 0.775, 0.166667, NO
822, 0.775, 0.166667, NO, 819, 0.775, 0.166667, NO
820, 0.775, 0.166667, NO, 817, 0.775, 0.166667, NO
818, 0.775, 0.166667, NO, 816, 0.775, 0.166667, NO
816, 0.775, 0.166667, NO, 815, 0.775, 0.176471, YES
814, 0.775, 0.176471, NO, 813, 0.775, 0.176471, NO
812, 0.775, 0.176471, NO, 811, 0.775, 0.176471, NO
810, 0.775, 0.176471, NO, 809, 0.775, 0.176471, NO
808, 0.775, 0.176471, NO, 807, 0.775, 0.176471, NO
806, 0.775, 0.2143, YES, 805, 0.775, 0.2143, NO
804, 0.775, 0.2143, NO, 803, 0.775, 0.2143, NO
802, 0.775, 0.2143, NO, 801, 0.775, 0.2143, NO
NAME=L2-(Copy1), CROSS, CB, 0, 0, BACKWARD, 3, 0
840, 0.525, 0.2143, YES, 839, 0.525, 0.2143, NO
838, 0.525, 0.2143, NO, 837, 0.525, 0.2143, NO
836, 0.525, 0.2143, NO, 835, 0.525, 0.2143, NO
834, 0.525, 0.176471, YES, 833, 0.525, 0.176471, NO
832, 0.525, 0.176471, NO, 831, 0.525, 0.176471, NO
830, 0.525, 0.176471, NO, 829, 0.525, 0.176471, NO
828, 0.525, 0.176471, NO, 827, 0.525, 0.176471, NO
826, 0.525, 0.176471, NO, 825, 0.525, 0.166667, YES
824, 0.525, 0.166667, NO, 823, 0.525, 0.166667, NO
822, 0.525, 0.166667, NO, 821, 0.525, 0.166667, NO
820, 0.525, 0.166667, NO, 819, 0.525, 0.166667, NO
818, 0.525, 0.166667, NO, 817, 0.525, 0.166667, NO
816, 0.525, 0.166667, NO, 815, 0.525, 0.176471, YES
814, 0.525, 0.176471, NO, 813, 0.525, 0.176471, NO
812, 0.525, 0.176471, NO, 811, 0.525, 0.176471, NO
810, 0.525, 0.176471, NO, 809, 0.525, 0.176471, NO
808, 0.525, 0.176471, NO, 807, 0.525, 0.176471, NO
806, 0.525, 0.2143, YES, 805, 0.525, 0.2143, NO
804, 0.525, 0.2143, NO, 803, 0.525, 0.2143, NO
802, 0.525, 0.2143, NO, 801, 0.525, 0.2143, NO
NAME=L3, CROSS, CB, 0, 0, BACKWARD, 3, 0
940, -0.775, 0.2143, YES, 939, -0.775, 0.2143, NO

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PROJECT TITLE : 논산천안 1:중시시설물 경밀안전진단 용역			
	Company	(주)동우기술단	
	Author	부설연구소	Client
		File Name	연부노교

301, BEAM , CONMOMENT, LY, NO, NO, aDir[1], . . . , 0, 1, 1, 0, 0, 0, 0, 0, . . . NO, 0, 0, NO
340, BEAM , CONMOMENT, 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

*LINELANE : Traffic Line Lanes

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

NAME=L1, CROSS, CB, 0, 0, BACKWARD, 3, 0
140, 0.05, 0.2143, YES, 139, 0.05, 0.2143, NO
138, 0.05, 0.2143, NO, 137, 0.05, 0.2143, NO
136, 0.05, 0.2143, NO, 135, 0.05, 0.2143, NO
134, 0.05, 0.176471, YES, 133, 0.05, 0.176471, NO
132, 0.05, 0.176471, NO, 131, 0.05, 0.176471, NO
130, 0.05, 0.176471, NO, 129, 0.05, 0.176471, NO
128, 0.05, 0.176471, NO, 127, 0.05, 0.176471, NO
126, 0.05, 0.176471, NO, 125, 0.05, 0.166667, YES
124, 0.05, 0.166667, NO, 123, 0.05, 0.166667, NO
122, 0.05, 0.166667, NO, 121, 0.05, 0.166667, NO
120, 0.05, 0.166667, NO, 119, 0.05, 0.166667, NO
118, 0.05, 0.166667, NO, 117, 0.05, 0.166667, NO
116, 0.05, 0.166667, NO, 115, 0.05, 0.176471, YES
114, 0.05, 0.176471, NO, 113, 0.05, 0.176471, NO
112, 0.05, 0.176471, NO, 111, 0.05, 0.176471, NO
110, 0.05, 0.176471, NO, 109, 0.05, 0.176471, NO
108, 0.05, 0.176471, NO, 107, 0.05, 0.176471, NO
106, 0.05, 0.2143, YES, 105, 0.05, 0.2143, NO
104, 0.05, 0.2143, NO, 103, 0.05, 0.2143, NO
102, 0.05, 0.2143, NO, 101, 0.05, 0.2143, NO
NAME=L1-(Copy1), LANE, , 0, 0, BACKWARD, 3, 0
140, -0.3, 0.2143, YES, 139, -0.3, 0.2143, NO
138, -0.3, 0.2143, NO, 137, -0.3, 0.2143, NO
136, -0.3, 0.2143, NO, 135, -0.3, 0.2143, NO
134, -0.3, 0.176471, YES, 133, -0.3, 0.176471, NO
132, -0.3, 0.176471, NO, 131, -0.3, 0.176471, NO
130, -0.3, 0.176471, NO, 129, -0.3, 0.176471, NO
128, -0.3, 0.176471, NO, 127, -0.3, 0.176471, NO
126, -0.3, 0.176471, NO, 125, -0.3, 0.166667, YES
124, -0

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

938, -0.775, 0.2143, NO, 937, -0.775, 0.2143, NO
936, -0.775, 0.2143, NO, 935, -0.775, 0.2143, NO
934, -0.775, 0.176471, YES, 933, -0.775, 0.176471, NO
932, -0.775, 0.176471, NO, 931, -0.775, 0.176471, NO
930, -0.775, 0.176471, NO, 929, -0.775, 0.176471, NO
928, -0.775, 0.176471, NO, 927, -0.775, 0.176471, NO
926, -0.775, 0.176471, NO, 925, -0.775, 0.166667, YES
924, -0.775, 0.166667, NO, 923, -0.775, 0.166667, NO
922, -0.775, 0.166667, NO, 921, -0.775, 0.166667, NO
920, -0.775, 0.166667, NO, 919, -0.775, 0.166667, NO
918, -0.775, 0.166667, NO, 917, -0.775, 0.166667, NO
916, -0.775, 0.166667, NO, 915, -0.775, 0.176471, YES
914, -0.775, 0.176471, NO, 913, -0.775, 0.176471, NO
912, -0.775, 0.176471, NO, 911, -0.775, 0.176471, NO
910, -0.775, 0.176471, NO, 909, -0.775, 0.176471, NO
908, -0.775, 0.176471, NO, 907, -0.775, 0.176471, NO
906, -0.775, 0.2143, YES, 905, -0.775, 0.2143, NO
904, -0.775, 0.2143, NO, 903, -0.775, 0.2143, NO
902, -0.775, 0.2143, NO, 901, -0.775, 0.2143, NO
NAME=L3-(Copy1), CROSS, CB, 0, 0, BACKWARD, 3, 0
940, -0.775, 0.2143, YES, 939, -0.775, 0.2143, NO
938, -0.775, 0.2143, NO, 937, -0.775, 0.2143, NO
936, -0.775, 0.2143, NO, 935, -0.775, 0.2143, NO
934, -0.775, 0.176471, YES, 933, -0.775, 0.176471, NO
932, -0.775, 0.176471, NO, 931, -0.775, 0.176471, NO
930, -0.775, 0.176471, NO, 929, -0.775, 0.176471, NO
928, -0.775, 0.176471, NO, 927, -0.775, 0.176471, NO
926, -0.775, 0.176471, NO, 925, -0.775, 0.166667, YES
924, -0.775, 0.166667, NO, 923, -0.775, 0.166667, NO
922, -0.775, 0.166667, NO, 921, -0.775, 0.166667, NO
920, -0.775, 0.166667, NO, 919, -0.775, 0.166667, NO
918, -0.775, 0.166667, NO, 917, -0.775, 0.166667, NO
916, -0.775, 0.166667, NO, 915, -0.775, 0.176471, YES
914, -0.775, 0.176471, NO, 913, -0.775, 0.176471, NO
912, -0.775, 0.176471, NO, 911, -0.775, 0.176471, NO
910, -0.775, 0.176471, NO, 909, -0.775, 0.176471, NO
908, -0.775, 0.176471, NO, 907, -0.775, 0.176471, NO
906, -0.775, 0.2143, YES, 905, -0.775, 0.2143, NO
904, -0.775, 0.2143, NO, 903, -0.775, 0.2143, NO
902, -0.775, 0.2143, NO, 901, -0.775, 0.2143, NO
NAME=L4, CROSS, CB, 0, 0, BACKWARD, 3, 0
340, -0.05, 0.2143, YES, 339, -0.05, 0.2143, NO
338, -0.05, 0.2143, NO, 337, -0.05, 0.2143, NO
336, -0.05, 0.2143, NO, 335, -0.05, 0.2143, NO
334, -0.05, 0.176471, YES, 333, -0.05, 0.176471, NO
332, -0.05, 0.176471, NO, 331, -0.05, 0.176471, NO
330, -0.05, 0.176471, NO, 329, -0.05, 0.176471, NO
328, -0.05, 0.176471, NO, 327, -0.05, 0.176471, NO
326, -0.05, 0.176471, NO, 325, -0.05, 0.166667, YES
324, -0.05, 0.166667, NO, 323, -0.05, 0.166667, NO
322, -0.05, 0.166667, NO, 321, -0.05, 0.166667, NO
320, -0.05, 0.166667, NO, 319, -0.05, 0.166667, NO
318, -0.05, 0.166667, NO, 317, -0.05, 0.166667, NO
316, -0.05, 0.166667, NO, 315, -0.05, 0.176471, YES
314, -0.05, 0.176471, NO, 313, -0.05, 0.176471, NO
312, -0.05, 0.176471, NO, 311, -0.05, 0.176471, NO

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

310, -0.05, 0.176471, NO, 309, -0.05, 0.176471, NO
308, -0.05, 0.176471, NO, 307, -0.05, 0.176471, NO
306, -0.05, 0.2143, YES, 305, -0.05, 0.2143, NO
304, -0.05, 0.2143, NO, 303, -0.05, 0.2143, NO
302, -0.05, 0.2143, NO, 301, -0.05, 0.2143, NO
NAME=L4-(Copy1), CROSS, CB, 0, 0, BACKWARD, 3, 0
340, -0.05, 0.2143, YES, 339, -0.05, 0.2143, NO
338, -0.05, 0.2143, NO, 337, -0.05, 0.2143, NO
336, -0.05, 0.2143, NO, 335, -0.05, 0.2143, NO
334, -0.05, 0.176471, YES, 333, -0.05, 0.176471, NO
332, -0.05, 0.176471, NO, 331, -0.05, 0.176471, NO
330, -0.05, 0.176471, NO, 329, -0.05, 0.176471, NO
328, -0.05, 0.176471, NO, 327, -0.05, 0.176471, NO
326, -0.05, 0.176471, NO, 325, -0.05, 0.166667, YES
324, -0.05, 0.166667, NO, 323, -0.05, 0.166667, NO
322, -0.05, 0.166667, NO, 321, -0.05, 0.166667, NO
320, -0.05, 0.166667, NO, 319, -0.05, 0.166667, NO
318, -0.05, 0.166667, NO, 317, -0.05, 0.166667, NO
316, -0.05, 0.166667, NO, 315, -0.05, 0.176471, YES
314, -0.05, 0.176471, NO, 313, -0.05, 0.176471, NO
312, -0.05, 0.176471, NO, 311, -0.05, 0.176471, NO
310, -0.05, 0.176471, NO, 309, -0.05, 0.176471, NO
308, -0.05, 0.176471, NO, 307, -0.05, 0.176471, NO
306, -0.05, 0.2143, YES, 305, -0.05, 0.2143, NO
304, -0.05, 0.2143, NO, 303, -0.05, 0.2143, NO
302, -0.05, 0.2143, NO, 301, -0.05, 0.2143, NO

*LSUPPORT : Lane Supports - Negative Moments at Interior Piers
: ITYPE, ELEM_LIST, POSITION : (When ITYPE=0)
: ITYPE, GROUP-NAME : (When ITYPE=1)
0, 101 107 116 126 135 201 207 216 226 235 301 307 316 326 335, END-1
0, 106 115 125 134 140 206 215 225 234 240 306 315 325 334 340, 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, ... : truck(JTG)
: [TRUCK/LANE] : 1, P, Qm, Qq : lane load1
: [TRUCK/LANE] : 2, P, Qm, Qq : lane load2
: [TRUCK/LANE] : 3, Qk, Pk1, L1, Pk2, L2 : crawler type
: [TRUCK/LANE] : 4, dW, dD : GC type load
: [TRUCK/LANE] : 5 : train-type1,3
: [TRAIN/SUBWAY] : ITYPE, W1, D1, W2, D2 : train-type2
: [TRAIN/SUBWAY] : ITYPE, DO, FO, BO, MAINCOUNT : subway
: [TRAIN/SUBWAY] : 4, P1, D1, P2, D2, P3, D3, P4, dD, Po, n, IFR : crowd-type1
: [CROWD] : 1, dW1 : crowd-type2
: [CROWD] : 2, dW1, dL1, dW2, dL2, WIDTH
: If Moving Load Code is India
: NAME=NAME, 1, TYPE-NAME, CODE : standard
: NAME=NAME, 2, bWBT, P, D, Pb, Ob, dD1, dD2, NDIST : user: line 1
: NAME=NAME, 2, bWTB, dD1, dD2, 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

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	Author	부설연구소	File Name
			연부교로

: : 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=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, [BD37/01-HA], [BD37/01-HB] : user(BS BD37/01)
: 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, FLM1)
: 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, 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, BRIDGE TYPE, W : standard (UNIFORM LOAD)
: NAME=NAME, 1, ITYPE, BRIDGE TYPE, W : standard (UNIFORM LOAD(W/O OTHER LOADS))
: NAME=NAME, 1, ITYPE, BRIDGE TYPE, P (W/O OTHER LOADS) : standard (CONCENTRATED LOAD)
: 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, nLANE TYPE, 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

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: 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.
: 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=DB-24, 1, DB-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, VOLASS1, SCALE1, iMIN1, iMAX1, LANE11, LANE12, ... : 3nd line
: : ...
: : TYPEn, VCLASSn, SCALEn, iMINn, iMAXn, LANE1n, LANE2n, ... : n+1th line
: NAME=NAME, bLCPV, VEHICLE, REFLANE, ECOCEN, 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, DB-24, 1, 1, 4, L1, L2, L3, L4
VL, DL-24, 1, 1, 4, L1, L2, L3, L4
NAME=MV2, NO, 1, 1, 0.9, 0.75, 0.75, 0.75, INDEPENDENT,
1, 1, 1, 1, 1, 0.5, 0.25
VL, DB-24, 1, 1, 4, L1-(Copy1), L2-(Copy1), L3-(Copy1), L4-(Copy1)
VL, DL-24, 1, 1, 4, L1-(Copy1), L2-(Copy1), L3-(Copy1), L4-(Copy1)

*LOADCOMB : Combinations
: NAME=NAME, KIND, ACTIVE, bES, ITYPE, DESC, ISERV-TYPE, nLOOMTYPE : line 1
: : ANAL1, LCONAME1, FACT1, ... : from line 2
: NAME=LC1, 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, p3, p4
*LC-COLOR : Diagram Color for Load Case
: ANAL, LCONAME, iR1(ALL), iG1(ALL), iB1(ALL), iR2(MIN), iG2(MIN), iB2(MIN), iR3(MAX), iG2(MAX), iB2(MAX)

ST, DL(BC), 255, 255, 255, 163, 255, 160, 148, 87, 255
ST, DL(AC), 160, 255, 255, 163, 255, 160, 210, 210, 210
ST, WL(NO Live), 255, 87, 128, 160, 192, 255, 192, 128, 0
ST, WL(Live), 255, 87, 128, 0, 128, 128, 148, 87, 255
ST, Unit Moment, 93, 255, 87, 192, 192, 192, 192, 0, 192
ST, Temp(+), 128, 192, 0, 128, 192, 0, 255, 192, 160
ST, Temp(-), 160, 255, 255, 93, 255, 87, 85, 192, 0
MV, MV, 255, 255, 87, 255, 0, 128, 255, 0, 192
MV, MV2, 192, 192, 192, 93, 255, 87, 163, 160, 255
CB, LC1, 255, 0, 128, 255, 128, 0, 128, 192, 0

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

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