

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_종방향(대구)

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

*VERSION
8.4.5

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

*STRUCTYPE : Structure Type
: iSTYP, iMASS, iSMAS, bMASSOFFSET, bSELFWEIGHT, GRAV, TEMPER, bALIGNBEAM, bALIGNSLAB,
bROTRIGID
0, 1, 1, NO, NO, 9.806, 0, NO, NO, NO

*REBAR-MATL-CODE : Rebar Material Code
: CONC_CODE, CONC_MDB, SRC_CODE, SRC_MDB
KS01-Civil(RC), SD300, KS01-Civil(RC), SD300

*NODE : Nodes
: iNO, X, Y, Z
1, 0, 0, 0
2, 2.5, 0, 0
3, 5, 0, 0
4, 7.5, 0, 0
5, 10, 0, 0
6, 12.5, 0, 0
7, 15, 0, 0
8, 17.5, 0, 0
9, 20, 0, 0
10, 22.5, 0, 0
11, 25, 0, 0
12, 27.5, 0, 0
13, 30, 0, 0
14, 32.5, 0, 0
15, 35, 0, 0
16, 37.5, 0, 0
17, 40, 0, 0
18, 42.5, 0, 0
19, 45, 0, 0
20, 47.5, 0, 0
21, 50, 0, 0
22, 52.5, 0, 0

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23, 55, 0, 0
24, 57.5, 0, 0
25, 60, 0, 0
26, 62.5, 0, 0
27, 65, 0, 0
28, 67.5, 0, 0
29, 70, 0, 0
30, 72.5, 0, 0
31, 75, 0, 0
32, 77.5, 0, 0
33, 80, 0, 0
34, 82.5, 0, 0
35, 85, 0, 0
36, 87.5, 0, 0
37, 90, 0, 0
38, 92.5, 0, 0
39, 95, 0, 0
40, 97.5, 0, 0
41, 100, 0, 0
42, 102.5, 0, 0
43, 105, 0, 0
44, 107.5, 0, 0
45, 110, 0, 0
46, 112.5, 0, 0
47, 115, 0, 0
48, 117.5, 0, 0
49, 120, 0, 0
50, 122.5, 0, 0
51, 125, 0, 0
52, 127.5, 0, 0
53, 130, 0, 0
54, 132.5, 0, 0
55, 135, 0, 0
56, 137.5, 0, 0
57, 140, 0, 0
58, 142.5, 0, 0
59, 145, 0, 0
60, 147.5, 0, 0
61, 150, 0, 0
62, 152.5, 0, 0
63, 155, 0, 0
64, 157.5, 0, 0
65, 160, 0, 0
66, 162.5, 0, 0
67, 165, 0, 0

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	Author		File Name	청도천4교(ILM)_중방향(대구)

68, 167.5, 0, 0
69, 170, 0, 0
70, 172.5, 0, 0
71, 175, 0, 0
72, 177.5, 0, 0
73, 180, 0, 0
74, 182.5, 0, 0
75, 185, 0, 0
76, 187.5, 0, 0
77, 190, 0, 0
78, 192.5, 0, 0
79, 195, 0, 0
80, 197.5, 0, 0
81, 200, 0, 0
82, 202.5, 0, 0
83, 205, 0, 0
84, 207.5, 0, 0
85, 210, 0, 0
86, 212.5, 0, 0
87, 215, 0, 0
88, 217.5, 0, 0
89, 220, 0, 0
90, 222.5, 0, 0
91, 225, 0, 0
92, 227.5, 0, 0
93, 230, 0, 0
94, 232.5, 0, 0
95, 235, 0, 0
96, 237.5, 0, 0
97, 240, 0, 0
98, 242.5, 0, 0
99, 245, 0, 0
100, 247.5, 0, 0
101, 250, 0, 0
102, 252.5, 0, 0
103, 255, 0, 0
104, 257.5, 0, 0
105, 260, 0, 0
106, 262.5, 0, 0
107, 265, 0, 0
108, 267.5, 0, 0
109, 270, 0, 0
110, 272.5, 0, 0
111, 275, 0, 0
112, 277.5, 0, 0

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113, 280, 0, 0
114, 282.5, 0, 0
115, 285, 0, 0
116, 287.5, 0, 0
117, 290, 0, 0
118, 292.5, 0, 0
119, 295, 0, 0
120, 297.5, 0, 0
121, 300, 0, 0
122, 302.5, 0, 0
123, 305, 0, 0
124, 307.5, 0, 0
125, 310, 0, 0
126, 312.5, 0, 0
127, 315, 0, 0
128, 317.5, 0, 0
129, 320, 0, 0
130, 322.5, 0, 0
131, 325, 0, 0
132, 327.5, 0, 0
133, 330, 0, 0
134, 332.5, 0, 0
135, 335, 0, 0
136, 337.5, 0, 0
137, 340, 0, 0
138, 342.5, 0, 0
139, 345, 0, 0
140, 347.5, 0, 0
141, 350, 0, 0
142, 352.5, 0, 0
143, 355, 0, 0
144, 357.5, 0, 0
145, 360, 0, 0
146, 362.5, 0, 0
147, 365, 0, 0
148, 367.5, 0, 0
149, 370, 0, 0
150, 372.5, 0, 0
151, 375, 0, 0
152, 377.5, 0, 0
153, 380, 0, 0
154, 382.5, 0, 0
155, 385, 0, 0
156, 387.5, 0, 0
157, 390, 0, 0

PROJECT TITLE :

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158, 392.5, 0, 0
159, 395, 0, 0
160, 397.5, 0, 0
161, 400, 0, 0
162, 402.5, 0, 0
163, 405, 0, 0
164, 407.5, 0, 0
165, 410, 0, 0
166, 412.5, 0, 0
167, 415, 0, 0
168, 417.5, 0, 0
169, 420, 0, 0
170, 422.5, 0, 0
171, 425, 0, 0
172, 427.5, 0, 0
173, 430, 0, 0
174, 432.5, 0, 0
175, 435, 0, 0
176, 437.5, 0, 0
177, 440, 0, 0
178, 442.5, 0, 0
179, 445, 0, 0
180, 447.5, 0, 0
181, 450, 0, 0
182, 452.5, 0, 0
183, 455, 0, 0
184, 457.5, 0, 0
185, 460, 0, 0
186, 462.5, 0, 0
187, 465, 0, 0
188, 467.5, 0, 0
189, 470, 0, 0
190, 472.5, 0, 0
191, 475, 0, 0
192, 477.5, 0, 0
193, 480, 0, 0
194, 482.5, 0, 0
195, 485, 0, 0
196, 487.5, 0, 0
197, 490, 0, 0
198, 492.5, 0, 0
199, 495, 0, 0
200, 497.5, 0, 0
201, 500, 0, 0
202, 502.5, 0, 0

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	Company		Client	
	Author		File Name	청도천4교(ILM)_중방향(대구)

203, 505, 0, 0
204, 507.5, 0, 0
205, 510, 0, 0
206, 512.5, 0, 0
207, 515, 0, 0
208, 517.5, 0, 0
209, 520, 0, 0
210, 522.5, 0, 0
211, 525, 0, 0
212, 527.5, 0, 0
213, 530, 0, 0
214, 532.5, 0, 0
215, 535, 0, 0
216, 550, 0, 0
217, 565, 0, 0
218, 570, 0, 0
219, 580, 0, 0
220, 590, 0, 0
221, 595, 0, 0
222, 0, 0, -1
223, 2.5, 0, -1
224, 5, 0, -1
225, 7.5, 0, -1
226, 10, 0, -1
227, 12.5, 0, -1
228, 15, 0, -1
229, 17.5, 0, -1
230, 20, 0, -1
231, 22.5, 0, -1
232, 25, 0, -1
233, 27.5, 0, -1
234, 30, 0, -1
235, 32.5, 0, -1
236, 35, 0, -1
237, 37.5, 0, -1
238, 40, 0, -1
239, 42.5, 0, -1
240, 45, 0, -1
241, 47.5, 0, -1
242, 50, 0, -1
243, 52.5, 0, -1
244, 55, 0, -1
245, 57.5, 0, -1
246, 60, 0, -1
247, 62.5, 0, -1

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	Author		File Name	청도천4교(ILM)_중방향(대구)

248, 65, 0, -1
249, 67.5, 0, -1
250, 70, 0, -1
251, 72.5, 0, -1
252, 75, 0, -1
253, 77.5, 0, -1
254, 80, 0, -1
255, 82.5, 0, -1
256, 85, 0, -1
257, 87.5, 0, -1
258, 90, 0, -1
259, 92.5, 0, -1
260, 95, 0, -1
261, 97.5, 0, -1
262, 100, 0, -1
263, 102.5, 0, -1
264, 105, 0, -1
265, 107.5, 0, -1
266, 110, 0, -1
267, 112.5, 0, -1
268, 115, 0, -1
269, 117.5, 0, -1
270, 120, 0, -1
271, 122.5, 0, -1
272, 125, 0, -1
273, 127.5, 0, -1
274, 130, 0, -1
275, 132.5, 0, -1
276, 135, 0, -1
277, 137.5, 0, -1
278, 140, 0, -1
279, 142.5, 0, -1
280, 145, 0, -1
281, 147.5, 0, -1
282, 150, 0, -1
283, 152.5, 0, -1
284, 155, 0, -1
285, 157.5, 0, -1
286, 160, 0, -1
287, 162.5, 0, -1
288, 165, 0, -1
289, 167.5, 0, -1
290, 170, 0, -1
291, 172.5, 0, -1
292, 175, 0, -1

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293, 177.5, 0, -1
294, 180, 0, -1
295, 182.5, 0, -1
296, 185, 0, -1
297, 187.5, 0, -1
298, 190, 0, -1
299, 192.5, 0, -1
300, 195, 0, -1
301, 197.5, 0, -1
302, 200, 0, -1
303, 202.5, 0, -1
304, 205, 0, -1
305, 207.5, 0, -1
306, 210, 0, -1
307, 212.5, 0, -1
308, 215, 0, -1
309, 217.5, 0, -1
310, 220, 0, -1
311, 222.5, 0, -1
312, 225, 0, -1
313, 227.5, 0, -1
314, 230, 0, -1
315, 232.5, 0, -1
316, 235, 0, -1
317, 237.5, 0, -1
318, 240, 0, -1
319, 242.5, 0, -1
320, 245, 0, -1
321, 247.5, 0, -1
322, 250, 0, -1
323, 252.5, 0, -1
324, 255, 0, -1
325, 257.5, 0, -1
326, 260, 0, -1
327, 262.5, 0, -1
328, 265, 0, -1
329, 267.5, 0, -1
330, 270, 0, -1
331, 272.5, 0, -1
332, 275, 0, -1
333, 277.5, 0, -1
334, 280, 0, -1
335, 282.5, 0, -1
336, 285, 0, -1
337, 287.5, 0, -1

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338, 290, 0, -1
339, 292.5, 0, -1
340, 295, 0, -1
341, 297.5, 0, -1
342, 300, 0, -1
343, 302.5, 0, -1
344, 305, 0, -1
345, 307.5, 0, -1
346, 310, 0, -1
347, 312.5, 0, -1
348, 315, 0, -1
349, 317.5, 0, -1
350, 320, 0, -1
351, 322.5, 0, -1
352, 325, 0, -1
353, 327.5, 0, -1
354, 330, 0, -1
355, 332.5, 0, -1
356, 335, 0, -1
357, 337.5, 0, -1
358, 340, 0, -1
359, 342.5, 0, -1
360, 345, 0, -1
361, 347.5, 0, -1
362, 350, 0, -1
363, 352.5, 0, -1
364, 355, 0, -1
365, 357.5, 0, -1
366, 360, 0, -1
367, 362.5, 0, -1
368, 365, 0, -1
369, 367.5, 0, -1
370, 370, 0, -1
371, 372.5, 0, -1
372, 375, 0, -1
373, 377.5, 0, -1
374, 380, 0, -1
375, 382.5, 0, -1
376, 385, 0, -1
377, 387.5, 0, -1
378, 390, 0, -1
379, 392.5, 0, -1
380, 395, 0, -1
381, 397.5, 0, -1
382, 400, 0, -1

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383, 402.5, 0, -1
384, 405, 0, -1
385, 407.5, 0, -1
386, 410, 0, -1
387, 412.5, 0, -1
388, 415, 0, -1
389, 417.5, 0, -1
390, 420, 0, -1
391, 422.5, 0, -1
392, 425, 0, -1
393, 427.5, 0, -1
394, 430, 0, -1
395, 432.5, 0, -1
396, 435, 0, -1
397, 437.5, 0, -1
398, 440, 0, -1
399, 442.5, 0, -1
400, 445, 0, -1
401, 447.5, 0, -1
402, 450, 0, -1
403, 452.5, 0, -1
404, 455, 0, -1
405, 457.5, 0, -1
406, 460, 0, -1
407, 462.5, 0, -1
408, 465, 0, -1
409, 467.5, 0, -1
410, 470, 0, -1
411, 472.5, 0, -1
412, 475, 0, -1
413, 477.5, 0, -1
414, 480, 0, -1
415, 482.5, 0, -1
416, 485, 0, -1
417, 487.5, 0, -1
418, 490, 0, -1
419, 492.5, 0, -1
420, 495, 0, -1
421, 497.5, 0, -1
422, 500, 0, -1
423, 502.5, 0, -1
424, 505, 0, -1
425, 507.5, 0, -1
426, 510, 0, -1
427, 512.5, 0, -1

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428, 515, 0, -1
 429, 517.5, 0, -1
 430, 520, 0, -1
 431, 522.5, 0, -1
 432, 525, 0, -1
 433, 527.5, 0, -1
 434, 530, 0, -1
 435, 532.5, 0, -1
 436, 535, 0, -1
 437, 550, 0, -1
 438, 565, 0, -1
 439, 570, 0, -1
 440, 580, 0, -1
 441, 590, 0, -1
 442, 595, 0, -1

*ELEMENT ; Elements

; iEL, TYPE, iMAT, iPRO, iN1, iN2, ANGLE, iSUB, EXVAL, iOPT(EXVAL2) ; Frame Element
 ; iEL, TYPE, iMAT, iPRO, iN1, iN2, ANGLE, iSUB, EXVAL, EXVAL2, bLMT ; Comp/Tens Truss
 ; iEL, TYPE, iMAT, iPRO, iN1, iN2, iN3, iN4, iSUB, iWID, LCAXIS ; Planar Element
 ; iEL, TYPE, iMAT, iPRO, iN1, iN2, iN3, iN4, iN5, iN6, iN7, iN8 ; Solid Element
 ; iEL, TYPE, iMAT, iPRO, iN1, iN2, REF, RPX, RPY, RPZ, iSUB, EXVAL ; Frame(Ref. Point
)

1, BEAM, , 1, 1, 1, 2, 0, 0
 2, BEAM, , 1, 1, 2, 3, 0, 0
 3, BEAM, , 1, 1, 3, 4, 0, 0
 4, BEAM, , 1, 1, 4, 5, 0, 0
 5, BEAM, , 1, 1, 5, 6, 0, 0
 6, BEAM, , 1, 1, 6, 7, 0, 0
 7, BEAM, , 1, 1, 7, 8, 0, 0
 8, BEAM, , 1, 1, 8, 9, 0, 0
 9, BEAM, , 1, 1, 9, 10, 0, 0
 10, BEAM, , 1, 1, 10, 11, 0, 0
 11, BEAM, , 1, 1, 11, 12, 0, 0
 12, BEAM, , 1, 1, 12, 13, 0, 0
 13, BEAM, , 1, 1, 13, 14, 0, 0
 14, BEAM, , 1, 1, 14, 15, 0, 0
 15, BEAM, , 2, 2, 15, 16, 0, 0
 16, BEAM, , 2, 2, 16, 17, 0, 0
 17, BEAM, , 2, 2, 17, 18, 0, 0
 18, BEAM, , 2, 2, 18, 19, 0, 0
 19, BEAM, , 2, 2, 19, 20, 0, 0
 20, BEAM, , 2, 2, 20, 21, 0, 0
 21, BEAM, , 2, 2, 21, 22, 0, 0
 22, BEAM, , 2, 2, 22, 23, 0, 0

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23, BEAM, , 2, 2, 23, 24, 0, 0
 24, BEAM, , 2, 2, 24, 25, 0, 0
 25, BEAM, , 2, 2, 25, 26, 0, 0
 26, BEAM, , 2, 2, 26, 27, 0, 0
 27, BEAM, , 2, 2, 27, 28, 0, 0
 28, BEAM, , 2, 2, 28, 29, 0, 0
 29, BEAM, , 2, 2, 29, 30, 0, 0
 30, BEAM, , 2, 2, 30, 31, 0, 0
 31, BEAM, , 2, 2, 31, 32, 0, 0
 32, BEAM, , 2, 2, 32, 33, 0, 0
 33, BEAM, , 2, 2, 33, 34, 0, 0
 34, BEAM, , 2, 2, 34, 35, 0, 0
 35, BEAM, , 2, 2, 35, 36, 0, 0
 36, BEAM, , 2, 2, 36, 37, 0, 0
 37, BEAM, , 2, 2, 37, 38, 0, 0
 38, BEAM, , 2, 2, 38, 39, 0, 0
 39, BEAM, , 2, 2, 39, 40, 0, 0
 40, BEAM, , 2, 2, 40, 41, 0, 0
 41, BEAM, , 2, 2, 41, 42, 0, 0
 42, BEAM, , 2, 2, 42, 43, 0, 0
 43, BEAM, , 2, 2, 43, 44, 0, 0
 44, BEAM, , 2, 2, 44, 45, 0, 0
 45, BEAM, , 2, 2, 45, 46, 0, 0
 46, BEAM, , 2, 2, 46, 47, 0, 0
 47, BEAM, , 2, 2, 47, 48, 0, 0
 48, BEAM, , 2, 2, 48, 49, 0, 0
 49, BEAM, , 2, 2, 49, 50, 0, 0
 50, BEAM, , 2, 2, 50, 51, 0, 0
 51, BEAM, , 2, 2, 51, 52, 0, 0
 52, BEAM, , 2, 2, 52, 53, 0, 0
 53, BEAM, , 2, 2, 53, 54, 0, 0
 54, BEAM, , 2, 2, 54, 55, 0, 0
 55, BEAM, , 2, 2, 55, 56, 0, 0
 56, BEAM, , 2, 2, 56, 57, 0, 0
 57, BEAM, , 2, 2, 57, 58, 0, 0
 58, BEAM, , 2, 2, 58, 59, 0, 0
 59, BEAM, , 2, 2, 59, 60, 0, 0
 60, BEAM, , 2, 2, 60, 61, 0, 0
 61, BEAM, , 2, 2, 61, 62, 0, 0
 62, BEAM, , 2, 2, 62, 63, 0, 0
 63, BEAM, , 2, 2, 63, 64, 0, 0
 64, BEAM, , 2, 2, 64, 65, 0, 0
 65, BEAM, , 2, 2, 65, 66, 0, 0
 66, BEAM, , 2, 2, 66, 67, 0, 0
 67, BEAM, , 2, 2, 67, 68, 0, 0

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68, BEAM , 2, 2, 68, 69, 0, 0
69, BEAM , 2, 2, 69, 70, 0, 0
70, BEAM , 2, 2, 70, 71, 0, 0
71, BEAM , 2, 2, 71, 72, 0, 0
72, BEAM , 2, 2, 72, 73, 0, 0
73, BEAM , 2, 2, 73, 74, 0, 0
74, BEAM , 2, 2, 74, 75, 0, 0
75, BEAM , 2, 2, 75, 76, 0, 0
76, BEAM , 2, 2, 76, 77, 0, 0
77, BEAM , 2, 2, 77, 78, 0, 0
78, BEAM , 2, 2, 78, 79, 0, 0
79, BEAM , 2, 2, 79, 80, 0, 0
80, BEAM , 2, 2, 80, 81, 0, 0
81, BEAM , 2, 2, 81, 82, 0, 0
82, BEAM , 2, 2, 82, 83, 0, 0
83, BEAM , 2, 2, 83, 84, 0, 0
84, BEAM , 2, 2, 84, 85, 0, 0
85, BEAM , 2, 2, 85, 86, 0, 0
86, BEAM , 2, 2, 86, 87, 0, 0
87, BEAM , 2, 2, 87, 88, 0, 0
88, BEAM , 2, 2, 88, 89, 0, 0
89, BEAM , 2, 2, 89, 90, 0, 0
90, BEAM , 2, 2, 90, 91, 0, 0
91, BEAM , 2, 2, 91, 92, 0, 0
92, BEAM , 2, 2, 92, 93, 0, 0
93, BEAM , 2, 2, 93, 94, 0, 0
94, BEAM , 2, 2, 94, 95, 0, 0
95, BEAM , 2, 2, 95, 96, 0, 0
96, BEAM , 2, 2, 96, 97, 0, 0
97, BEAM , 2, 2, 97, 98, 0, 0
98, BEAM , 2, 2, 98, 99, 0, 0
99, BEAM , 2, 2, 99, 100, 0, 0
100, BEAM , 2, 2, 100, 101, 0, 0
101, BEAM , 2, 2, 101, 102, 0, 0
102, BEAM , 2, 2, 102, 103, 0, 0
103, BEAM , 2, 2, 103, 104, 0, 0
104, BEAM , 2, 2, 104, 105, 0, 0
105, BEAM , 2, 2, 105, 106, 0, 0
106, BEAM , 2, 2, 106, 107, 0, 0
107, BEAM , 2, 2, 107, 108, 0, 0
108, BEAM , 2, 2, 108, 109, 0, 0
109, BEAM , 2, 2, 109, 110, 0, 0
110, BEAM , 2, 2, 110, 111, 0, 0
111, BEAM , 2, 2, 111, 112, 0, 0
112, BEAM , 2, 2, 112, 113, 0, 0

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113, BEAM , 2, 2, 113, 114, 0, 0
114, BEAM , 2, 2, 114, 115, 0, 0
115, BEAM , 2, 2, 115, 116, 0, 0
116, BEAM , 2, 2, 116, 117, 0, 0
117, BEAM , 2, 2, 117, 118, 0, 0
118, BEAM , 2, 2, 118, 119, 0, 0
119, BEAM , 2, 2, 119, 120, 0, 0
120, BEAM , 2, 2, 120, 121, 0, 0
121, BEAM , 2, 2, 121, 122, 0, 0
122, BEAM , 2, 2, 122, 123, 0, 0
123, BEAM , 2, 2, 123, 124, 0, 0
124, BEAM , 2, 2, 124, 125, 0, 0
125, BEAM , 2, 2, 125, 126, 0, 0
126, BEAM , 2, 2, 126, 127, 0, 0
127, BEAM , 2, 2, 127, 128, 0, 0
128, BEAM , 2, 2, 128, 129, 0, 0
129, BEAM , 2, 2, 129, 130, 0, 0
130, BEAM , 2, 2, 130, 131, 0, 0
131, BEAM , 2, 2, 131, 132, 0, 0
132, BEAM , 2, 2, 132, 133, 0, 0
133, BEAM , 2, 2, 133, 134, 0, 0
134, BEAM , 2, 2, 134, 135, 0, 0
135, BEAM , 2, 2, 135, 136, 0, 0
136, BEAM , 2, 2, 136, 137, 0, 0
137, BEAM , 2, 2, 137, 138, 0, 0
138, BEAM , 2, 2, 138, 139, 0, 0
139, BEAM , 2, 2, 139, 140, 0, 0
140, BEAM , 2, 2, 140, 141, 0, 0
141, BEAM , 2, 2, 141, 142, 0, 0
142, BEAM , 2, 2, 142, 143, 0, 0
143, BEAM , 2, 2, 143, 144, 0, 0
144, BEAM , 2, 2, 144, 145, 0, 0
145, BEAM , 2, 2, 145, 146, 0, 0
146, BEAM , 2, 2, 146, 147, 0, 0
147, BEAM , 2, 2, 147, 148, 0, 0
148, BEAM , 2, 2, 148, 149, 0, 0
149, BEAM , 2, 2, 149, 150, 0, 0
150, BEAM , 2, 2, 150, 151, 0, 0
151, BEAM , 2, 2, 151, 152, 0, 0
152, BEAM , 2, 2, 152, 153, 0, 0
153, BEAM , 2, 2, 153, 154, 0, 0
154, BEAM , 2, 2, 154, 155, 0, 0
155, BEAM , 2, 2, 155, 156, 0, 0
156, BEAM , 2, 2, 156, 157, 0, 0
157, BEAM , 2, 2, 157, 158, 0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_종방향(대구)

```

158, BEAM , 2, 2, 158, 159, 0, 0
159, BEAM , 2, 2, 159, 160, 0, 0
160, BEAM , 2, 2, 160, 161, 0, 0
161, BEAM , 2, 2, 161, 162, 0, 0
162, BEAM , 2, 2, 162, 163, 0, 0
163, BEAM , 2, 2, 163, 164, 0, 0
164, BEAM , 2, 2, 164, 165, 0, 0
165, BEAM , 2, 2, 165, 166, 0, 0
166, BEAM , 2, 2, 166, 167, 0, 0
167, BEAM , 2, 2, 167, 168, 0, 0
168, BEAM , 2, 2, 168, 169, 0, 0
169, BEAM , 2, 2, 169, 170, 0, 0
170, BEAM , 2, 2, 170, 171, 0, 0
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172, BEAM , 2, 2, 172, 173, 0, 0
173, BEAM , 2, 2, 173, 174, 0, 0
174, BEAM , 2, 2, 174, 175, 0, 0
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192, BEAM , 2, 2, 192, 193, 0, 0
193, BEAM , 2, 2, 193, 194, 0, 0
194, BEAM , 2, 2, 194, 195, 0, 0
195, BEAM , 2, 2, 195, 196, 0, 0
196, BEAM , 2, 2, 196, 197, 0, 0
197, BEAM , 2, 2, 197, 198, 0, 0
198, BEAM , 2, 2, 198, 199, 0, 0
199, BEAM , 2, 2, 199, 200, 0, 0
200, BEAM , 2, 2, 200, 201, 0, 0
201, BEAM , 2, 2, 201, 202, 0, 0
202, BEAM , 2, 2, 202, 203, 0, 0

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PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_종방향(대구)

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203, BEAM , 2, 2, 203, 204, 0, 0
204, BEAM , 2, 2, 204, 205, 0, 0
205, BEAM , 2, 2, 205, 206, 0, 0
206, BEAM , 2, 2, 206, 207, 0, 0
207, BEAM , 2, 2, 207, 208, 0, 0
208, BEAM , 2, 2, 208, 209, 0, 0
209, BEAM , 2, 2, 209, 210, 0, 0
210, BEAM , 2, 2, 210, 211, 0, 0
211, BEAM , 2, 2, 211, 212, 0, 0
212, BEAM , 2, 2, 212, 213, 0, 0
213, BEAM , 2, 2, 213, 214, 0, 0
214, BEAM , 2, 2, 214, 215, 0, 0

```

*GROUP ; Group

; NAME, NODE_LIST, ELEM_LIST, PLANE_TYPE

```

Nose , 1to15 222to236, 1to14, 0
Segment1 , 15to20 236to241, 15to19, 0
Segment2 , 20to30 241to251, 20to29, 0
Segment3 , 30to40 251to261, 30to39, 0
Segment4 , 40to50 261to271, 40to49, 0
Segment5 , 50to60 271to281, 50to59, 0
Segment6 , 60to70 281to291, 60to69, 0
Segment7 , 70to80 291to301, 70to79, 0
Segment8 , 80to90 301to311, 80to89, 0
Segment9 , 90to100 311to321, 90to99, 0
Segment10 , 100to110 321to331, 100to109, 0
Segment11 , 110to120 331to341, 110to119, 0
Segment12 , 120to130 341to351, 120to129, 0
Segment13 , 130to140 351to361, 130to139, 0
Segment14 , 140to150 361to371, 140to149, 0
Segment15 , 150to160 371to381, 150to159, 0
Segment16 , 160to170 381to391, 160to169, 0
Segment17 , 170to180 391to401, 170to179, 0
Segment18 , 180to190 401to411, 180to189, 0
Segment19 , 190to200 411to421, 190to199, 0
Segment20 , 200to210 421to431, 200to209, 0
Segment21 , 210to215 431to436, 210to214, 0
BridgeGirder , , 15to214, 0

```

*BNDR-GROUP ; Boundary Group

; NAME, AUTOTYPE

```

Final, 0
Temporary, 0
CS1-Dfm0, 0
CS1-Orig0, 0

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_종방향(대구)

CS1-Dfm1, 0
CS1-Org1, 0
CS1-Dfm2, 0
CS1-Org2, 0
CS2-Dfm0, 0
CS2-Org0, 0
CS2-Dfm1, 0
CS2-Org1, 0
CS2-Dfm2, 0
CS2-Org2, 0
CS2-Dfm3, 0
CS2-Org3, 0
CS2-Dfm4, 0
CS2-Org4, 0
CS2-Dfm5, 0
CS2-Org5, 0
CS3-Dfm0, 0
CS3-Org0, 0
CS3-Dfm1, 0
CS3-Org1, 0
CS3-Dfm2, 0
CS3-Org2, 0
CS3-Dfm3P, 0
CS3-Org3P, 0
CS3-Org3, 0
CS3-Dfm4, 0
CS3-Org4, 0
CS3-Dfm5, 0
CS3-Org5, 0
CS4-Dfm0, 0
CS4-Org0, 0
CS4-Dfm1, 0
CS4-Org1, 0
CS4-Dfm2, 0
CS4-Org2, 0
CS4-Dfm3, 0
CS4-Org3, 0
CS4-Dfm4, 0
CS4-Org4, 0
CS4-Dfm5, 0
CS4-Org5, 0
CS5-Dfm0, 0
CS5-Org0, 0
CS5-Dfm1, 0
CS5-Org1, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_종방향(대구)

CS5-Dfm2, 0
CS5-Org2, 0
CS5-Dfm3P, 0
CS5-Org3P, 0
CS5-Org3, 0
CS5-Dfm4, 0
CS5-Org4, 0
CS5-Dfm5, 0
CS5-Org5, 0
CS6-Dfm0, 0
CS6-Org0, 0
CS6-Dfm1, 0
CS6-Org1, 0
CS6-Dfm2, 0
CS6-Org2, 0
CS6-Dfm3, 0
CS6-Org3, 0
CS6-Dfm4, 0
CS6-Org4, 0
CS6-Dfm5, 0
CS6-Org5, 0
CS7-Dfm0, 0
CS7-Org0, 0
CS7-Dfm1, 0
CS7-Org1, 0
CS7-Dfm2, 0
CS7-Org2, 0
CS7-Dfm3P, 0
CS7-Org3P, 0
CS7-Org3, 0
CS7-Dfm4, 0
CS7-Org4, 0
CS7-Dfm5, 0
CS7-Org5, 0
CS8-Dfm0, 0
CS8-Org0, 0
CS8-Dfm1, 0
CS8-Org1, 0
CS8-Dfm2, 0
CS8-Org2, 0
CS8-Dfm3, 0
CS8-Org3, 0
CS8-Dfm4, 0
CS8-Org4, 0
CS8-Dfm5, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_중방항(대구)

CS8-0rg5, 0
CS9-Dfm0, 0
CS9-0rg0, 0
CS9-Dfm1, 0
CS9-0rg1, 0
CS9-Dfm2, 0
CS9-0rg2, 0
CS9-Dfm3P, 0
CS9-0rg3P, 0
CS9-0rg3, 0
CS9-Dfm4, 0
CS9-0rg4, 0
CS9-Dfm5, 0
CS9-0rg5, 0
CS10-Dfm0, 0
CS10-0rg0, 0
CS10-Dfm1, 0
CS10-0rg1, 0
CS10-Dfm2, 0
CS10-0rg2, 0
CS10-Dfm3, 0
CS10-0rg3, 0
CS10-Dfm4, 0
CS10-0rg4, 0
CS10-Dfm5, 0
CS10-0rg5, 0
CS11-Dfm0, 0
CS11-0rg0, 0
CS11-Dfm1, 0
CS11-0rg1, 0
CS11-Dfm2, 0
CS11-0rg2, 0
CS11-Dfm3P, 0
CS11-0rg3P, 0
CS11-0rg3, 0
CS11-Dfm4, 0
CS11-0rg4, 0
CS11-Dfm5, 0
CS11-0rg5, 0
CS12-Dfm0, 0
CS12-0rg0, 0
CS12-Dfm1, 0
CS12-0rg1, 0
CS12-Dfm2, 0
CS12-0rg2, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_중방항(대구)

CS12-Dfm3, 0
CS12-0rg3, 0
CS12-Dfm4, 0
CS12-0rg4, 0
CS12-Dfm5, 0
CS12-0rg5, 0
CS13-Dfm0, 0
CS13-0rg0, 0
CS13-Dfm1, 0
CS13-0rg1, 0
CS13-Dfm2, 0
CS13-0rg2, 0
CS13-Dfm3P, 0
CS13-0rg3P, 0
CS13-0rg3, 0
CS13-Dfm4, 0
CS13-0rg4, 0
CS13-Dfm5, 0
CS13-0rg5, 0
CS14-Dfm0, 0
CS14-0rg0, 0
CS14-Dfm1, 0
CS14-0rg1, 0
CS14-Dfm2, 0
CS14-0rg2, 0
CS14-Dfm3, 0
CS14-0rg3, 0
CS14-Dfm4, 0
CS14-0rg4, 0
CS14-Dfm5, 0
CS14-0rg5, 0
CS15-Dfm0, 0
CS15-0rg0, 0
CS15-Dfm1, 0
CS15-0rg1, 0
CS15-Dfm2, 0
CS15-0rg2, 0
CS15-Dfm3P, 0
CS15-0rg3P, 0
CS15-0rg3, 0
CS15-Dfm4, 0
CS15-0rg4, 0
CS15-Dfm5, 0
CS15-0rg5, 0
CS16-Dfm0, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_종방향(대구)

CS16-Org0, 0
CS16-Dfm1, 0
CS16-Org1, 0
CS16-Dfm2, 0
CS16-Org2, 0
CS16-Dfm3, 0
CS16-Org3, 0
CS16-Dfm4, 0
CS16-Org4, 0
CS16-Dfm5, 0
CS16-Org5, 0
CS17-Dfm0, 0
CS17-Org0, 0
CS17-Dfm1, 0
CS17-Org1, 0
CS17-Dfm2, 0
CS17-Org2, 0
CS17-Dfm3P, 0
CS17-Org3P, 0
CS17-Org3, 0
CS17-Dfm4, 0
CS17-Org4, 0
CS17-Dfm5, 0
CS17-Org5, 0
CS18-Dfm0, 0
CS18-Org0, 0
CS18-Dfm1, 0
CS18-Org1, 0
CS18-Dfm2, 0
CS18-Org2, 0
CS18-Dfm3, 0
CS18-Org3, 0
CS18-Dfm4, 0
CS18-Org4, 0
CS18-Dfm5, 0
CS18-Org5, 0
CS19-Dfm0, 0
CS19-Org0, 0
CS19-Dfm1, 0
CS19-Org1, 0
CS19-Dfm2, 0
CS19-Org2, 0
CS19-Dfm3P, 0
CS19-Org3P, 0
CS19-Org3, 0

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_종방향(대구)

CS19-Dfm4, 0
CS19-Org4, 0
CS19-Dfm5, 0
CS19-Org5, 0
CS20-Dfm0, 0
CS20-Org0, 0
CS20-Dfm1, 0
CS20-Org1, 0
CS20-Dfm2, 0
CS20-Org2, 0
CS20-Dfm3, 0
CS20-Org3, 0
CS20-Dfm4, 0
CS20-Org4, 0
CS20-Dfm5, 0
CS20-Org5, 0
CS21-Dfm0, 0
CS21-Org0, 0
CS21-Dfm1, 0
CS21-Org1, 0
CS21-Dfm2, 0
CS21-Org2, 0
CS21-Dfm3P, 0
CS21-Org3P, 0
CS21-Org3, 0
CS21-Dfm4, 0
CS21-Org4, 0
CS21-Dfm5, 0
CS21-Org5, 0
CS21-Dfm6, 0
CS21-Org6, 0
CS21-Dfm7, 0
CS21-Org7, 0
CS21-Org8, 0
CS21-Org9, 0
CS21-Org10, 0
CS22-Org0, 0
CS23-Org0, 0

*LOAD-GROUP ; Load Group
; NAME
SelfWeight
TB-Prestress1
TB-Prestress2
TB-Prestress3

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_중방향(대구)

TB-Prestress4
 TB-Prestress5
 TB-Prestress6
 TB-Prestress7
 TB-Prestress8
 TB-Prestress9
 TB-Prestress10
 TB-Prestress11
 TB-Prestress12
 TB-Prestress13
 TB-Prestress14
 TB-Prestress15
 TB-Prestress16
 TB-Prestress17
 TB-Prestress18
 TB-Prestress19
 TB-Prestress20
 TB-Prestress21
 Web-Prestress
 Diaphragm1
 Diaphragm2
 Diaphragm3
 2ndDeadload

*MATERIAL : Material
 ; iMAT, TYPE, MNAME, SPHEAT, HEATCO, PLAST, TUNIT, bMASS, DAMPRATIO, [DATA1]
 ; STEEL, CONC, USER
 ; iMAT, TYPE, MNAME, SPHEAT, HEATCO, PLAST, TUNIT, bMASS, DAMPRATIO, [DATA2], [DATA2]
 ; SRC
 ; [DATA1] : 1, DB, NAME, CODE
 ; [DATA1] : 2, ELAST, POISN, THERMAL, DEN, MASS
 ; [DATA1] : 3, Ex, Ey, Ez, Tx, Ty, Tz, Sxy, Sxz, Syz, Pxy, Pxz, Pyz, DEN, MASS ; Ort
 hotropic
 ; [DATA2] : 1, DB, NAME, CODE or 2, ELAST, POISN, THERMAL, DEN, MASS
 1, STEEL, SM400 , 0, 0, , C, NO, 0.02, 1, KS-Civil(S), , SM
 400
 2, CONC , C400 , 0, 0, , C, NO, 0.05, 1, KS-Civil(RC), , C
 400
 3, USER , Tendon , 0, 0, , C, NO, 0, 2, 1.9613e+008, 0, 0.0000e+000
 , 76.9822, 0

*MATL-COLOR

; iMAT, W_R, W_B, HF_R, HF_G, HF_B, HE_R, HE_G, HE_B, bBLEND, FACT
 1, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
 2, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_중방향(대구)

3, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

*TDM-TYPE : Time Dependent Material
 ; NAME=NAME, CODE, STR, HU, VOL, AGE, CFACTA, CFACTB, TYPE, [ACI1 or ACI2] ; CODE=
 ACI
 ; NAME=NAME, CODE, STR, HU, MSIZE, CTYPE, AGE ; CODE=
 CEB1990,KS,CEB1978,KSCE 2010,KCI-USD12
 ; NAME=NAME, CODE, N1, PHI1, N2, PHI2 ; CODE=
 MEM
 ; NAME=NAME, CODE, STR, HU, USS, UCS, VOL, RR, MOD ; CODE=
 PCA
 ; NAME=NAME, CODE, STR, HU, VOL, UCS, VSR1, LAF, US, VSR, PST, bRCE, RR, MOD ; CODE=
 COMBINED
 ; NAME=NAME, CODE, STR, HTYPE, HU, MSIZE, CTYPE, AGE, CM ; CODE=
 JAPAN
 ; NAME=NAME, CODE, ELAST, HU, VOL, CC, WC, AGE ; CODE=
 JSCE
 ; NAME=NAME, CODE, STR, HTYPE, HU, MSIZE, AGE ; CODE=
 CHINA
 ; NAME=NAME, CODE, STR, HU, MSIZE, BSC, AGE ; CODE=
 JTG
 ; NAME=NAME, CODE, STR, HU, VSR, AGE, bEXPOSE ; CODE=
 AASHTO
 ; NAME=NAME, CODE, STR, HU, MSIZE, AGE ; CODE=
 INDIA(IRC:18-2000)
 ; NAME=NAME, CODE, STR, HU, MSIZE, CTYPE, AGE, TCode, bSILICA ; CODE=
 European
 ; NAME=NAME, CODE, STR, HU, AGE, M, CMETH, CTYPE, CREEP, CONCT, W, MAXS, A, PZ ; CODE=
 Russian
 ; NAME=NAME, CODE, bSSF, SSFNAME ; CODE=
 USER(line1)
 ; CREEPFUNC1, AGE1, CREEPFUNC2, AGE2, ... ;
 USER(from line 2)
 ; [ACI1] : CURE, SLUMP, FAP, AIR, CC
 ; [ACI2] : UCC, USS
 NAME=Creep/Shrinkage, CEB, 39226.6, 70, 1, NR, 3, 0

*TDM-ELAST : Time Dependent Material(Comp. Strength)
 ; NAME=NAME, TYPE, CODE, STRENGTH, A, B ; TYPE=CODE(Korean St
 andard, ACI)
 ; NAME=NAME, TYPE, CODE, STRENGTH, iCTYPE ; TYPE=CODE(CEB-FIP,
 Ohzagi)
 ; NAME=NAME, TYPE, CODE, STRENGTH ; TYPE=CODE(Chinese S
 tandard)
 ; NAME=NAME, TYPE, CODE, STRENGTH, bUSE, [DATA] ; TYPE=CODE(Japan(Hyd

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_종방향(대구)

ration))
; NAME=NAME, TYPE, CODE, STRENGTH, iTYPE ; TYPE=CODE(Japan(Elastic))
; NAME=NAME, TYPE, CODE, STRENGTH ; TYPE=CODE(INDIA(IRC18~2000))
; NAME=NAME, TYPE, CODE, STRENGTH, iCTYPE ; TYPE=CODE(European)

; NAME=NAME, TYPE, CODE, STRENGTH, ; TYPE=CODE(CEB-FIP(1978))
; NAME=NAME, TYPE, CODE, STRENGTH, TYPE, CMETH, CTYPE, MAXS, PZ ; TYPE=CODE(Russian))

; NAME=NAME, TYPE, SCALE ; TYPE=USER(line 1)
; DAY1, COMP1, TENS1, ELAST1, DAY2, COMP2, ... ; USER(from line 2)
; [DATA] : A, B, D, TSF or iCTYPE, TSF
NAME=comp.Strength, CODE, CEB-FIP(1990), 39226.6, 2

*TDM-LINK ; Time Dependent Material Link
; iMAT, TDM-TYPE1(CREEP/SHRINKAGE), TDM-TYPE2(ELASTICITY)
2, Creep/Shrinkage, comp.Strength

*ELEM-DEPMATL ; Change Element Dependent Material Property
; ELEM_LIST, TYPE, H(VS)
15to214, NSM, 0.470761

*SECTION ; Section
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, [DATA1], [DATA2] ; 1st l
ine - DB/USER
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, BLT, D1, ..., D8, iCEL ; 1st l
ine - VALUE
; AREA, ASy, ASz, lxx, lyy, lzz ; 2nd l
ine
; CyP, CyM, CzP, CzM, QyB, QzB, PERI_OUT, PERI_IN, Cy, Cz ; 3rd l
ine
; Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy, Zzz ; 4th l
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, POIC, SF, THERMAL ; 1st l
ine - SRC
; D1, D2, [SRC] ; 2nd l
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 1, DB, NAME1, NAME2, D1, D2 ; 1st l
ine - COMBINED
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 2, D11, D12, D13, D14, D15, D21, D22, D23,
D24

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_종방향(대구)

; iSEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, iyVAR, izVAR, STYPE ; 1st l
ine - TAPERED
; DB, NAME1, NAME2 ; 2nd l
ine(STYPE=DB)
; [DIM1], [DIM2] ; 2nd l
ine(STYPE=USER)
; D11, D12, D13, D14, D15, D16, D17, D18 ; 2nd l
ine(STYPE=VALUE)
; AREA1, ASy1, ASz1, lxx1, lyy1, lzz1 ; 3rd l
ine(STYPE=VALUE)
; CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1 ; 4th l
ine(STYPE=VALUE)
; Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2 ; 5th l
ine(STYPE=VALUE)
; D21, D22, D23, D24, D25, D26, D27, D28 ; 6th l
ine(STYPE=VALUE)
; AREA2, ASy2, ASz2, lxx2, lyy2, lzz2 ; 7th l
ine(STYPE=VALUE)
; CyP2, CyM2, CzP2, CzM2, QyB2, QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2 ; 8th l
ine(STYPE=VALUE)
; Y21, Y22, Y23, Y24, Z21, Z22, Z23, Z24, Zyy2, Zzz2 ; 9th l
ine(STYPE=VALUE)
; OPT1, OPT2, [JOINT] ; 2nd l
ine(STYPE=PSC)
; ELAST, DEN, POIS, POIC, THERMAL ; 2nd l
ine(STYPE=PSC-CMPW)
; bSHEARCHK, [SCHK-I], [SCHK-J], [WT-I], [WT-J], WI, WJ, bSYM, bSIDEHOLE ; 3rd l
ine(STYPE=PSC)
; bSHEARCHK, bSYM, bHUNCH, [CMPWEB-I], [CMPWEB-J] ; 3rd l
ine(STYPE=PSC-CMPW)
; bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF-I], [STIFF-J] ; 4th l
ine(STYPE=PSC)
; [SIZE-A]-i ; 5th l
ine(STYPE=PSC)
; [SIZE-B]-i ; 6th l
ine(STYPE=PSC)
; [SIZE-C]-i ; 7th l
ine(STYPE=PSC)
; [SIZE-D]-i ; 8th l
ine(STYPE=PSC)
; [SIZE-A]-j ; 9th l
ine(STYPE=PSC)
; [SIZE-B]-j ; 10th
line(STYPE=PSC)
; [SIZE-C]-j ; 11th

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_종방향(대구)

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 I
ine(STYPE=CMP-B/I)
; SW_i, Hw_i, tw_i, B_i, Bf1_i, tf1_i, B2_i, Bf2_i, tf2_i ; 3rd I
ine(STYPE=CMP-B/I)
; SW_j, Hw_j, tw_j, B_j, Bf1_j, tf1_j, B2_j, Bf2_j, tf2_j ; 4th I
ine(STYPE=CMP-B/I)
; N1, N2, Hr, Hr2, tr1, tr2 ; 5th I
ine(STYPE=CMP-B)
; GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb, bSYM, SW_i, SW_j ; 2nd I
ine(STYPE=CMP-CI/CT)
; OPT1, OPT2, [JOINT] ; 3rd I
ine(STYPE=CMP-CI/CT)
; [SIZE-A]-i ; 4th I
ine(STYPE=CMP-CI/CT)
; [SIZE-B]-i ; 5th I
ine(STYPE=CMP-CI/CT)
; [SIZE-C]-i ; 6th I
ine(STYPE=CMP-CI/CT)
; [SIZE-D]-i ; 7th I
ine(STYPE=CMP-CI/CT)
; [SIZE-A]-j ; 8th I
ine(STYPE=CMP-CI/CT)
; [SIZE-B]-j ; 9th I
ine(STYPE=CMP-CI/CT)
; [SIZE-C]-j ; 10th
line(STYPE=CMP-CI/CT)
; [SIZE-D]-j ; 11th
line(STYPE=CMP-CI/CT)
; iSEC, TYPE, SNAME, [OFFSET], bSD, STYPE1, STYPE2 ; 1st I
ine - CONSTRUCT
; SHAPE, ...(same with other type data from shape) ; Befor
e (STYPE1)
; SHAPE, ...(same with other type data from shape) ; After
(STYPE2)
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st I
ine - COMPOSITE-SB
; Hw, tw, B, Bf1, tf1, B2, Bf2, tf2 ; 2nd I
ine
; N1, N2, Hr, Hr2, tr1, tr2 ; 3rd I
ine
; SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh ; 4th I
ine

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_종방향(대구)

; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st I
ine - COMPOSITE-SI
; Hw, tw, B, tf1, B2, tf2 ; 2nd I
ine
; SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh ; 3rd I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st I
ine - COMPOSITE-CI/CT
; OPT1, OPT2, [JOINT] ; 2nd I
ine
; [SIZE-A] ; 3rd I
ine
; [SIZE-B] ; 4th I
ine
; [SIZE-C] ; 5th I
ine
; [SIZE-D] ; 6th I
ine
; SW, GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb ; 7th I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st I
ine - PSC
; OPT1, OPT2, [JOINT] ; 2nd I
ine
; bSHEARCHK, [SCHK], [WT], WIDTH, bSYM, bSIDEHOLE ; 3rd I
ine
; bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF] ; 4th I
ine
; [SIZE-A] ; 5th I
ine
; [SIZE-B] ; 6th I
ine
; [SIZE-C] ; 7th I
ine
; [SIZE-D] ; 8th I
ine
; [DATA1] : 1, DB, NAME or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10
; [DATA2] : CCSHAPE or iCEL or iN1, iN2
; [SRC] : 1, DB, NAME1, NAME2 or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, iN1, iN2

; [DIM1], [DIM2] : D1, D2, D3, D4, D5, D6, D7, D8
; [OFFSET] : OFFSET, iCENT, iREF, iHORIZ, HUSER, iVERT, VUSER
; [OFFSET2]: OFFSET, iCENT, iREF, iHORIZ, HUSERJ, iVERT, VUSERI, VUSERJ
; [JOINT] : 8(1CELL, 2CELL), 13(3CELL), 9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB), 0(nCELL), 2(nCEL2)

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_중방항(대구)

```

; [SIZE-A] : 6(1CELL, 2CELL), 10(3CELL), 10(PSCM), 6(PSCH), 8(PSCT), 10(PSCB), 5(nCELL), 11(nCELL2)
; [SIZE-B] : 6(1CELL, 2CELL), 12(3CELL), 6(PSCM), 6(PSCH), 8(PSCT), 6(PSCB), 8(nCELL), 18(nCELL2)
; [SIZE-C] : 10(1CELL, 2CELL), 13(3CELL), 9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB), 0(nCELL), 11(nCELL2)
; [SIZE-D] : 8(1CELL, 2CELL), 13(3CELL), 6(PSCM), 7(PSCH), 8(PSCT), 5(PSCB), 0(nCELL), 18(nCELL2)
; [STIFF] : AREA, ASy, ASz, lxx, lyy, lzz
; [SCHK] : bAUTO_Z1, Z1, bAUTO_Z3, Z3
; [WT] : bAUTO_TOR, TOR, bAUTO_SHR1, SHR1, bAUTO_SHR2, SHR2, bAUTO_SHR3, SHR3
; [CMPWEB] : EFD, LRF, A, B, H, T
1, TAPERED , Nose , CB, 0, 0, 0, 0, 0, 0, 0, 0, 0, YES, H , 3, 3, USE
R
1.25, 0.8, 0.02, 0.02, 0, 0, 0, 0, 2.95, 1.8, 0.072, 0.03, 0, 0, 0, 0
2, PSC , Girder , CB, 0, 0, 0, 0, 0, 0, YES, 1CEL
, , YES, NO, YES, NO, YES, YES, YES, NO
YES, YES, 2.48, YES, 0.773, YES, 0, YES, 0, YES, 0, YES, 0, 0.2, YES, NO
NO, , NO, , , , ,
0.2, 0.24, 0.04, 0, 2.51, 0.65
2.708, 1.308, 0, 0.55, 0, 2.9
0.28, 0.19, 0, 0, 1.707, 0.653, 0.373, 0, 0, 0.4
2.8, 0, 1.1, 2.8, 2.4865, 0, 1.8865, 0

```

*SECT-COLOR

```

; iSEC, W_R, W_G, W_B, HF_R, HF_G, HF_B, HE_R, HE_G, HE_B, bBLEND, FACT
1, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5
2, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5

```

*COMP-GEN-SECT-PSC-DESIGN : Composite Section for PSC Design

```

; ELEM, (Z1, Z2, Z3, t1, t2, t3, TotT)-I, (Z1, Z2, Z3, t1, t2, t3, TotT)-J
1, NO, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

```

*DGN-SECT

```

; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, [DATA1], [DATA2] ; 1st I
ine - DB/USER
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, BLT, D1, ..., D8, iCEL ; 1st I
ine - VALUE
; AREA, ASy, ASz, lxx, lyy, lzz ; 2nd I
ine
; CyP, CyM, CzP, CzM, QyB, QzB, PERI_OUT, PERI_IN, Cy, Cz ; 3rd I
ine
; Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy, Zzz ; 4th I
ine

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_중방항(대구)

```

; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, POIC, SF, THERMAL ; 1st I
ine - SRC
; D1, D2, [SRC] ; 2nd I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 1, DB, NAME1, NAME2, D1, D2 ; 1st I
ine - COMBINED
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 2, D11, D12, D13, D14, D15, D21, D22, D23, D24
; iSEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, iyVAR, izVAR, STYPE ; 1st I
ine - TAPERED
; DB, NAME1, NAME2 ; 2nd I
ine(STYPE=DB)
; [DIM1], [DIM2] ; 2nd I
ine(STYPE=USER)
; D11, D12, D13, D14, D15, D16, D17, D18 ; 2nd I
ine(STYPE=VALUE)
; AREA1, ASy1, ASz1, lxx1, lyy1, lzz1 ; 3rd I
ine(STYPE=VALUE)
; CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1 ; 4th I
ine(STYPE=VALUE)
; Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2 ; 5th I
ine(STYPE=VALUE)
; D21, D22, D23, D24, D25, D26, D27, D28 ; 6th I
ine(STYPE=VALUE)
; AREA2, ASy2, ASz2, lxx2, lyy2, lzz2 ; 7th I
ine(STYPE=VALUE)
; CyP2, CyM2, CzP2, CzM2, QyB2, QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2 ; 8th I
ine(STYPE=VALUE)
; Y21, Y22, Y23, Y24, Z21, Z22, Z23, Z24, Zyy2, Zzz2 ; 9th I
ine(STYPE=VALUE)
; OPT1, OPT2, [JOINT] ; 2nd I
ine(STYPE=PSC)
; ELAST, DEN, POIS, POIC, THERMAL ; 2nd I
ine(STYPE=PSC-CMPW)
; bSHEARCHK, [SCHK-I], [SCHK-J], [WT-I], [WT-J], WI, WJ, bSYM, bSIDEHOLE ; 3rd I
ine(STYPE=PSC)
; bSHEARCHK, bSYM, bHUNCH, [CMPWEB-I], [CMPWEB-J] ; 3rd I
ine(STYPE=PSC-CMPW)
; bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF-I], [STIFF-J] ; 4th I
ine(STYPE=PSC)
; [SIZE-A]-i ; 5th I
ine(STYPE=PSC)
; [SIZE-B]-i ; 6th I
ine(STYPE=PSC)
; [SIZE-C]-i ; 7th I

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_종방향(대구)

ine(STYPE=PSC)
; [SIZE-D]-i ; 8th I
ine(STYPE=PSC)
; [SIZE-A]-j ; 9th I
ine(STYPE=PSC)
; [SIZE-B]-j ; 10th
line(STYPE=PSC)
; [SIZE-C]-j ; 11th
line(STYPE=PSC)
; [SIZE-D]-j ; 12th
line(STYPE=PSC)
; GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMULTI, EsEc-L, EsEc-S ; 2nd I
ine(STYPE=CMP-B/I)
; SW_i, Hw_i, tw_i, B_i, Bf1_i, tf1_i, B2_i, Bf2_i, tf2_i ; 3rd I
ine(STYPE=CMP-B/I)
; SW_j, Hw_j, tw_j, B_j, Bf1_j, tf1_j, B2_j, Bf2_j, tf2_j ; 4th I
ine(STYPE=CMP-B/I)
; N1, N2, Hr, Hr2, tr1, tr2 ; 5th I
ine(STYPE=CMP-B)
; GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb, bSYM, SW_i, SW_j ; 2nd I
ine(STYPE=CMP-CI/CT)
; OPT1, OPT2, [JOINT] ; 3rd I
ine(STYPE=CMP-CI/CT)
; [SIZE-A]-i ; 4th I
ine(STYPE=CMP-CI/CT)
; [SIZE-B]-i ; 5th I
ine(STYPE=CMP-CI/CT)
; [SIZE-C]-i ; 6th I
ine(STYPE=CMP-CI/CT)
; [SIZE-D]-i ; 7th I
ine(STYPE=CMP-CI/CT)
; [SIZE-A]-j ; 8th I
ine(STYPE=CMP-CI/CT)
; [SIZE-B]-j ; 9th I
ine(STYPE=CMP-CI/CT)
; [SIZE-C]-j ; 10th
line(STYPE=CMP-CI/CT)
; [SIZE-D]-j ; 11th
line(STYPE=CMP-CI/CT)
; iSEC, TYPE, SNAME, [OFFSET], bSD, STYPE1, STYPE2 ; 1st I
ine - CONSTRUCT
; SHAPE, ...(same with other type data from shape) ; Befor
e (STYPE1)
; SHAPE, ...(same with other type data from shape) ; After
(STYPE2)

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_종방향(대구)

; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st I
ine - COMPOSITE-SB
; Hw, tw, B, Bf1, tf1, B2, Bf2, tf2 ; 2nd I
ine
; N1, N2, Hr, Hr2, tr1, tr2 ; 3rd I
ine
; SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh ; 4th I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st I
ine - COMPOSITE-SI
; Hw, tw, B, tf1, B2, tf2 ; 2nd I
ine
; SW, GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMulti, Elong, Esh ; 3rd I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st I
ine - COMPOSITE-CI/CT
; OPT1, OPT2, [JOINT] ; 2nd I
ine
; [SIZE-A] ; 3rd I
ine
; [SIZE-B] ; 4th I
ine
; [SIZE-C] ; 5th I
ine
; [SIZE-D] ; 6th I
ine
; SW, GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd, Psb ; 7th I
ine
; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE ; 1st I
ine - PSC
; OPT1, OPT2, [JOINT] ; 2nd I
ine
; bSHEARCHK, [SCHK], [WT], WIDTH, bSYM, bSIDEHOLE ; 3rd I
ine
; bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF] ; 4th I
ine
; [SIZE-A] ; 5th I
ine
; [SIZE-B] ; 6th I
ine
; [SIZE-C] ; 7th I
ine
; [SIZE-D] ; 8th I
ine
; [DATA1] : 1, DB, NAME or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_종방향(대구)

; [DATA2] : CCSHAPE or iCEL or iN1, iN2
; [SRC] : 1, DB, NAME1, NAME2 or 2, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, iN1, iN2

; [DIM1], [DIM2] : D1, D2, D3, D4, D5, D6, D7, D8
; [OFFSET] : OFFSET, iCENT, iREF, iHORZ, HUSER, iVERT, VUSER
; [OFFSET2]: OFFSET, iCENT, iREF, iHORZ, HUSER1, HUSERJ, iVERT, VUSER1, VUSERJ
; [JOINT] : 8(1CELL, 2CELL), 13(3CELL), 9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB), 0(nCELL), 2(nCELL2)
; [SIZE-A] : 6(1CELL, 2CELL), 10(3CELL), 10(PSCM), 6(PSCH), 8(PSCT), 10(PSCB), 5(nCELL), 11(nCELL2)
; [SIZE-B] : 6(1CELL, 2CELL), 12(3CELL), 6(PSCM), 6(PSCH), 8(PSCT), 6(PSCB), 8(nCELL), 18(nCELL2)
; [SIZE-C] : 10(1CELL, 2CELL), 13(3CELL), 9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB), 0(nCELL), 11(nCELL2)
; [SIZE-D] : 8(1CELL, 2CELL), 13(3CELL), 6(PSCM), 7(PSCH), 8(PSCT), 5(PSCB), 0(nCELL), 18(nCELL2)
; [STIFF] : AREA, ASy, ASz, Ixx, Iyy, Izz
; [SCHK] : bAUTO_Z1, Z1, bAUTO_Z3, Z3
; [WT] : bAUTO_TOR, TOR, bAUTO_SHR1, SHR1, bAUTO_SHR2, SHR2, bAUTO_SHR3, SHR3
; [CMPWEB] : EFD, LRF, A, B, H, T
1, TAPERED , Nose , CB, 0, 0, 0, 0, 0, 0, 0, 0, 0, YES, H , 3, 3, USE
R
1.25, 0.8, 0.02, 0.02, 0, 0, 0, 0, 2.95, 1.8, 0.072, 0.03, 0, 0, 0, 0
2, PSC , Girder , CB, 0, 0, 0, 0, 0, 0, 0, 0, YES, 1CEL
, , YES, NO, YES, NO, YES, YES, YES, NO
YES, YES, 2.48, YES, 0.773, YES, 0, YES, 0, YES, 0, YES, 0, 0.2, YES, NO
NO, , NO, , , , ,
0.2, 0.24, 0.04, 0, 2.51, 0.65
2.708, 1.308, 0, 0.55, 0, 2.9
0.28, 0.19, 0, 0, 1.707, 0.653, 0.373, 0, 0, 0.4
2.8, 0, 1.1, 2.8, 2.4865, 0, 1.8865, 0

*TS-GROUP : Tapered Section Group

; NAME, ELEM_LIST, ZVAR, ZEXP, ZFROM, ZDIST, YVAR, YEXP, YFROM, YDIST, iSCM
TaperedNose, 1to14, LINEAR, , , , LINEAR, , , , 0

*TDN-PROPERTY : Tendon Property

; NAME, TYPE, MATL, AREA, DIA, RM, RC, FF, WF, US, YS, LT, ASB, ASE, bBONDED, ALPHA, W

; bOSRF, FT, FPK, ACHANGE, bRELAX

Top Tendon, INTERNAL, 3, 0.00118452, 0.063, 8, 5, 0.3, 0.0066, 1.86326e+006, 1.5690
6e+006, POST, 0.006, 0.006, YES, 0, , , , 0, NO, 0

Bot Tendon, INTERNAL, 3, 0.00069097, 0.053, 8, 5, 0.3, 0.0066, 1.86326e+006, 1.5690

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_종방향(대구)

6e+006, POST, 0.006, 0.006, YES, 0, , , , 0, NO, 0
Web Tendon, INTERNAL, 3, 0.00365227, 0.206, 8, 5, 0.3, 0.0066, 1.86326e+006, 1.5690
6e+006, POST, 0.006, 0.006, YES, 0, , , , 0, NO, 0

*TDN-PROFILE : Tendon Profile

; NAME=NAME, TDN-PROPERTY, ELEM_LIST, BEGIN, END, CURVE, INPUT ; line 1
; GROUP, LENGOPT, BLEN, ELEN, bTP, rNUM ; line 2
; SHAPE, IP_X, IP_Y, IP_Z, AXIS, VX, VY ; line 3(Straight)
; SHAPE, IP_X, IP_Y, IP_Z, RC_X, RC_Y, OFFSET, DIR ; line 3(Curve)
; SHAPE, INS_PT, REF_ELEM, AXIS ; line 3(Element)
; XAR_ANGLE, bPROJECTION, GR_AXIS, GR_ANGLE ; line 4(Straight/Curve)
e)
; XAR_ANGLE, bPROJECTION, OFFSET_Y, OFFSET_Z ; line 4(Element)
; X1, Y1, Z1, bFIX1, RY1, RZ1, RADIUS1 ; from line 5(3D)
;
; Xn, Yn, Zn, bFIX1, RY1, RZ1, RADIUSn
; Y=X1, Y1, bFIX1, RZ1, RADIUS1, OPT1, ANGLE1, HGT1, R1 ; from line 5(2D)
; Y=...
; Z=X1, Z1, bFIX1, RZ1, RADIUS1, OPT1, ANGLE1, HGT1, R1
; Z=...

NAME=BOT01-01, Bot Tendon, 15to29, 0, 0, SPLINE, 2D

, USER, 0, 0, NO,
ELEMENT, END-I, 15, I-J
0, YES, -1.68, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=37.5, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=37.5, 0, NO, 0, 0, NONE, , , , NO

NAME=BOT01-02, Bot Tendon, 30to49, 0, 0, SPLINE, 2D

, USER, 0, 0, NO,
ELEMENT, END-I, 30, I-J
0, YES, -1.68, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO

NAME=BOT01-03, Bot Tendon, 50to69, 0, 0, SPLINE, 2D

, USER, 0, 0, NO,
ELEMENT, END-I, 50, I-J
0, YES, -1.68, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO

NAME=BOT01-04, Bot Tendon, 70to89, 0, 0, SPLINE, 2D

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_중방항(대구)

, USER, 0, 0, NO,
ELEMENT, END-I, 70, I-J
0, YES, -1.68, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT01-05, Bot Tendon, 90to109, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 90, I-J
0, YES, -1.68, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT01-06, Bot Tendon, 110to129, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 110, I-J
0, YES, -1.68, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT01-07, Bot Tendon, 130to149, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 130, I-J
0, YES, -1.68, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT01-08, Bot Tendon, 150to169, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 150, I-J
0, YES, -1.68, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT01-09, Bot Tendon, 170to189, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 170, I-J
0, YES, -1.68, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_중방항(대구)

Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT01-10, Bot Tendon, 190to209, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 190, I-J
0, YES, -1.68, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT01-11, Bot Tendon, 210to214, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 210, I-J
0, YES, -1.68, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=12.5, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=12.5, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT02-01, Bot Tendon, 15to19, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 15, I-J
0, YES, -1.47, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=12.5, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=12.5, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT02-02, Bot Tendon, 20to39, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 20, I-J
0, YES, -1.47, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT02-03, Bot Tendon, 40to59, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J
0, YES, -1.47, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT02-04, Bot Tendon, 60to79, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 60, I-J

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_중방항(대구)

0, YES, -1.47, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT02-05, Bot Tendon, 80to99, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 80, I-J
0, YES, -1.47, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT02-06, Bot Tendon, 100to119, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 100, I-J
0, YES, -1.47, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT02-07, Bot Tendon, 120to139, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 120, I-J
0, YES, -1.47, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT02-08, Bot Tendon, 140to159, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 140, I-J
0, YES, -1.47, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT02-09, Bot Tendon, 160to179, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 160, I-J
0, YES, -1.47, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_중방항(대구)

NAME=BOT02-10, Bot Tendon, 180to199, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 180, I-J
0, YES, -1.47, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT02-11, Bot Tendon, 200to214, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 200, I-J
0, YES, -1.47, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=37.5, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=37.5, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT03-01, Bot Tendon, 15to29, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 15, I-J
0, YES, -1.26, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=37.5, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=37.5, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT03-02, Bot Tendon, 30to49, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 30, I-J
0, YES, -1.26, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT03-03, Bot Tendon, 50to69, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 50, I-J
0, YES, -1.26, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT03-04, Bot Tendon, 70to89, 0, 0, SPLINE, 2D
 , USER, 0, 0, NO,
ELEMENT, END-I, 70, I-J
0, YES, -1.26, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_중방항(대구)

Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT03-05, Bot Tendon, 90to109, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 90, I-J
0, YES, -1.26, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT03-06, Bot Tendon, 110to129, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 110, I-J
0, YES, -1.26, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT03-07, Bot Tendon, 130to149, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 130, I-J
0, YES, -1.26, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT03-08, Bot Tendon, 150to169, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 150, I-J
0, YES, -1.26, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT03-09, Bot Tendon, 170to189, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 170, I-J
0, YES, -1.26, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT03-10, Bot Tendon, 190to209, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,

PROJECT TITLE :

	Company		Client	
	Author		File Name	청도천4교(ILM)_중방항(대구)

ELEMENT, END-I, 190, I-J
0, YES, -1.26, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT03-11, Bot Tendon, 210to214, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 210, I-J
0, YES, -1.26, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=12.5, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=12.5, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT04-01, Bot Tendon, 15to19, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 15, I-J
0, YES, -1.05, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=12.5, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=12.5, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT04-02, Bot Tendon, 20to39, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 20, I-J
0, YES, -1.05, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT04-03, Bot Tendon, 40to59, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 40, I-J
0, YES, -1.05, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO
Z=50, 0, NO, 0, 0, NONE, , , , NO
NAME=BOT04-04, Bot Tendon, 60to79, 0, 0, SPLINE, 2D
, USER, 0, 0, NO,
ELEMENT, END-I, 60, I-J
0, YES, -1.05, 0.2
Y=0, 0, NO, 0, 0, NONE, , , , NO
Y=50, 0, NO, 0, 0, NONE, , , , NO
Z=0, 0, NO, 0, 0, NONE, , , , NO