

REVISED 12-07 - PART SEC B-B MODIFIED TO SHOW VARIABLE DEPTH

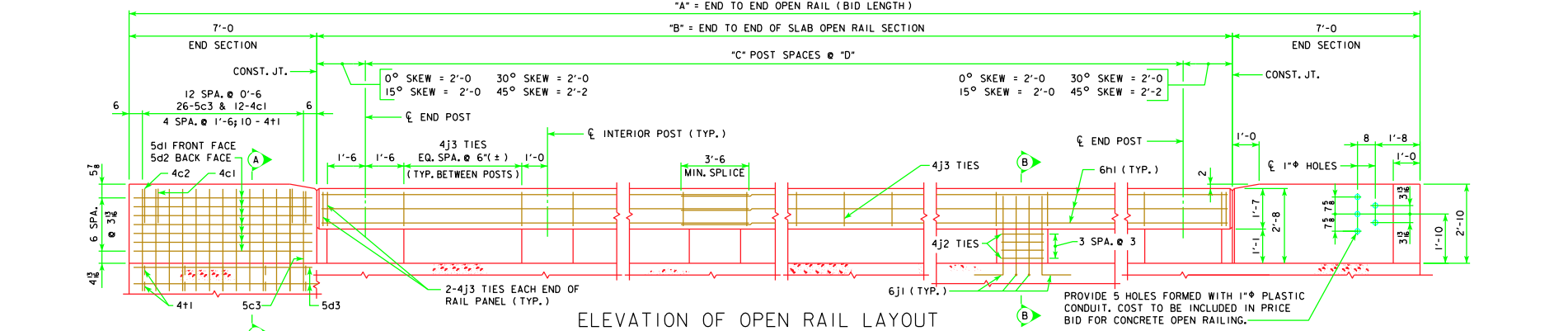
TABLE OF OPEN RAIL DIMENSIONS AND NUMBERS

CL-CL ABUT. BRG	70'-0"				80'-0"				90'-0"				100'-0"				110'-0"				120'-0"				130'-0"				140'-0"				150'-0"			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
A (FT.-IN.)	81'-0	81'-1 1/4	81'-5 1/2	82'-3	91'-0	91'-1 1/4	91'-5 1/2	92'-3	101'-0	101'-1 1/4	101'-5 1/2	102'-3	111'-0	111'-1 1/4	111'-5 1/2	112'-3	121'-0	121'-1 1/4	121'-5 1/2	122'-3	131'-0	131'-1 1/4	131'-5 1/2	132'-3	141'-0	141'-1 1/4	141'-5 1/2	142'-3	151'-0	151'-1 1/4	151'-5 1/2	152'-3	161'-0	161'-1 1/4	161'-5 1/2	162'-3
B (FT.-IN.)	67'-0	67'-1 1/4	67'-5 1/2	68'-3	77'-0	77'-1 1/4	77'-5 1/2	78'-3	87'-0	87'-1 1/4	87'-5 1/2	88'-3	97'-0	97'-1 1/4	97'-5 1/2	98'-3	107'-0	107'-1 1/4	107'-5 1/2	108'-3	117'-0	117'-1 1/4	117'-5 1/2	118'-3	127'-0	127'-1 1/4	127'-5 1/2	128'-3	137'-0	137'-1 1/4	137'-5 1/2	138'-3	147'-0	147'-1 1/4	147'-5 1/2	148'-3
C	8	8	8	8	10	10	10	10	11	11	11	11	12	12	12	13	13	13	13	13	15	15	15	15	16	16	16	16	17	17	17	17	18	18	18	18
D (FT.-IN.)	7'-10 1/2	7'-10 1/2	7'-11 1/8	7'-11 1/8	7'-3 3/8	7'-3 3/8	7'-4 1/8	7'-4 1/8	7'-6 1/8	7'-6 1/8	7'-7 1/8	7'-7 1/8	7'-9 1/8	7'-9 1/8	7'-9 1/8	7'-11 1/8	7'-11 1/8	7'-11 1/8	7'-11 1/8	7'-11 1/8	7'-6 3/8	7'-6 3/8	7'-6 3/8	7'-6 3/8	7'-8 1/8	7'-8 1/8	7'-8 1/8	7'-8 1/8	7'-9 1/8	7'-9 1/8	7'-10 1/8	7'-10 1/8	7'-11 1/8	7'-11 1/8	7'-11 1/8	7'-11 1/8

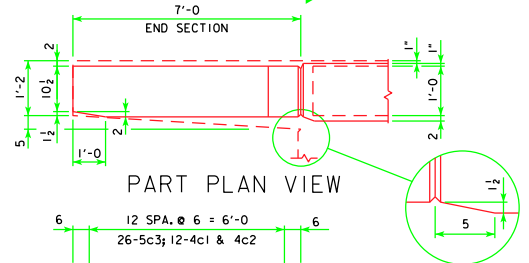
A = END TO END OPEN RAIL (BID LENGTH)

B = END TO END OF SLAB OPEN RAIL SECTION

C POST SPACES @ *D*



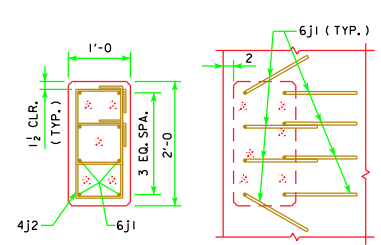
ELEVATION OF OPEN RAIL LAYOUT



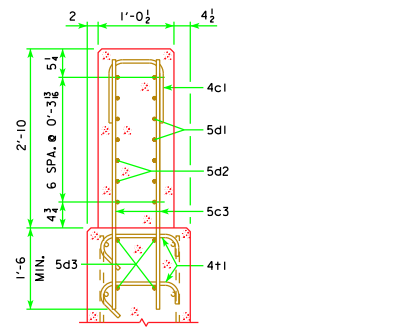
PART PLAN VIEW



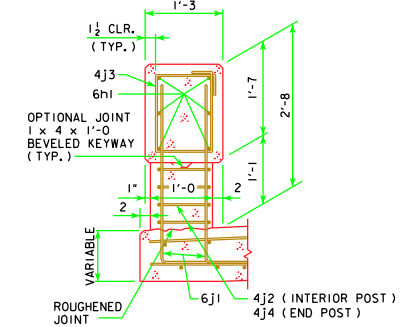
PART PLAN SECTION



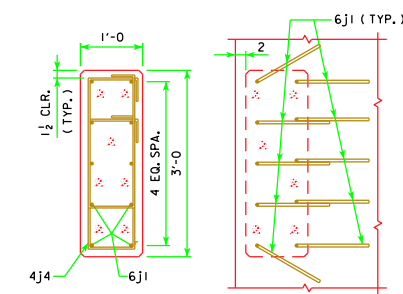
INTERIOR POST DETAILS



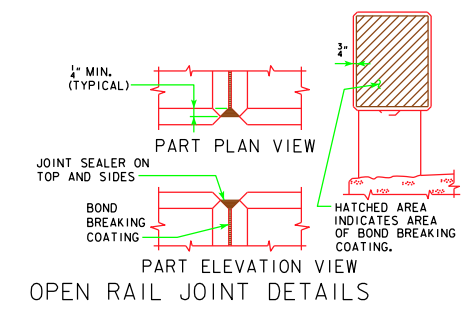
SECTION A-A



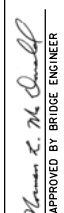
PART SECTION B-B



END POST DETAILS (REQUIRED AT ENDS OF OPEN RAIL)



OPEN RAIL JOINT DETAILS

LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 Iowa Department of Transportation Highway Division	
		STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES CONTINUOUS CONCRETE SLAB BRIDGES NOVEMBER, 2006	
		OPEN RAIL DETAILS (TL-4)	J40-48-06