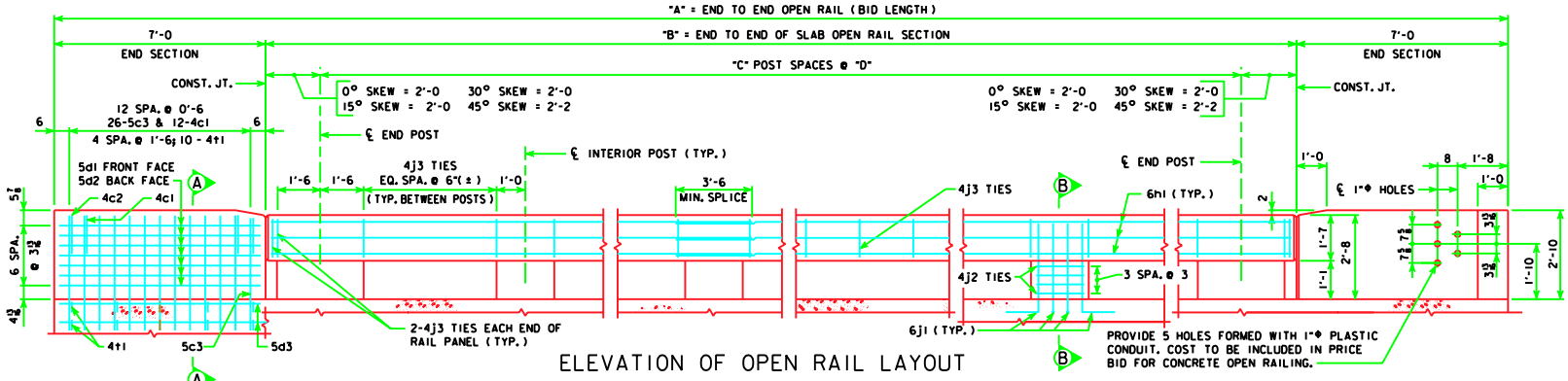
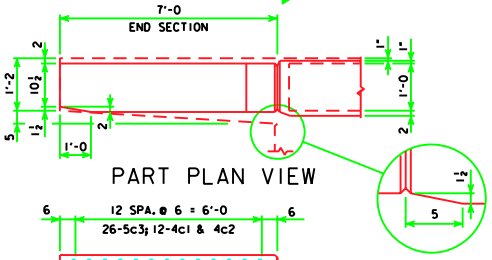
TABLE OF OPEN RAIL DIMENSIONS AND NUMBERS

℄-℄ ABUT. BRG	70'-0				80'-0				90'-0				100'-0			
SKEW	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
DIMENSION OR NUMBER A (FT.-IN.)	81'-0	81'-1¼	81'-5½	82'-3	91'-0	91'-1¼	91'-5½	92'-3	101'-0	101'-1¼	101'-5½	102'-3	111'-0	111'-1¼	111'-5½	112'-3
B (FT.-IN.)	67'-0	67'-1¼	67'-5½	68'-3	77'-0	77'-1¼	77'-5½	78'-3	87'-0	87'-1¼	87'-5½	88'-3	97'-0	97'-1¼	97'-5½	98'-3
C	8	8	8	8	10	10	10	10	11	11	11	11	12	12	12	12
D (FT.-IN.)	7'-10½	7'-10 11/16	7'-11 3/16	7'-11 7/16	7'-3 3/8	7'-3 3/8	7'-4 3/16	7'-4 11/16	7'-6 9/16	7'-6 11/16	7'-7 1/16	7'-7 9/16	7'-9	7'-9 1/8	7'-9 7/16	7'-9 9/16

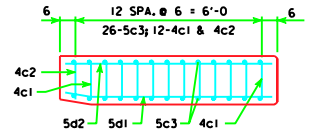
℄-℄ ABUT. BRG	110'-0				120'-0				130'-0				140'-0				150'-0			
SKEW	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
DIMENSION OR NUMBER A (FT.-IN.)	121'-0	121'-1¼	121'-5½	122'-3	131'-0	131'-1¼	131'-5½	132'-3	141'-0	141'-1¼	141'-5½	142'-3	151'-0	151'-1¼	151'-5½	152'-3	161'-0	161'-1¼	161'-5½	162'-3
B (FT.-IN.)	107'-0	107'-1¼	107'-5½	108'-3	117'-0	117'-1¼	117'-5½	118'-3	127'-0	127'-1¼	127'-5½	128'-3	137'-0	137'-1¼	137'-5½	138'-3	147'-0	147'-1¼	147'-5½	148'-3
C	13	13	13	13	15	15	15	15	16	16	16	16	17	17	17	17	18	18	18	18
D (FT.-IN.)	7'-11 1/16	7'-11 3/16	7'-11½	7'-11 9/16	7'-6 3/8	7'-6½	7'-6¾	7'-7 1/8	7'-8¼	7'-8 3/16	7'-8 3/8	7'-8 9/16	7'-9 7/8	7'-9 9/16	7'-10 3/16	7'-10½	7'-11 5/16	7'-11 3/8	7'-11 7/16	7'-11 9/16



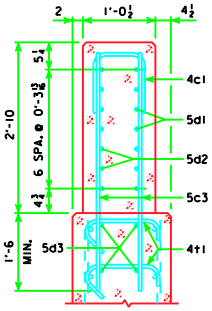
ELEVATION OF OPEN RAIL LAYOUT



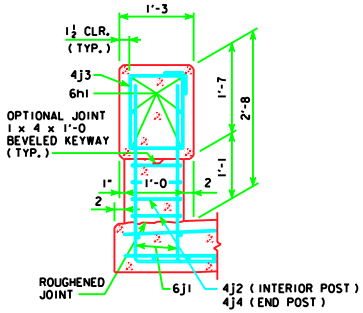
PART PLAN VIEW



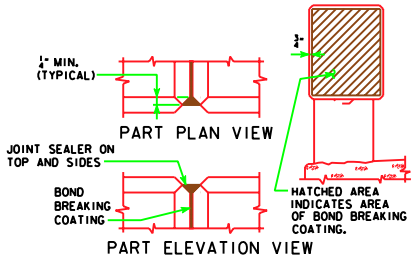
PART PLAN SECTION



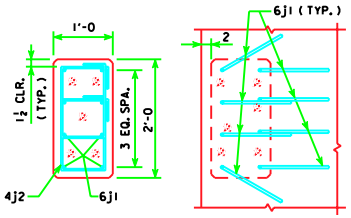
SECTION A-A



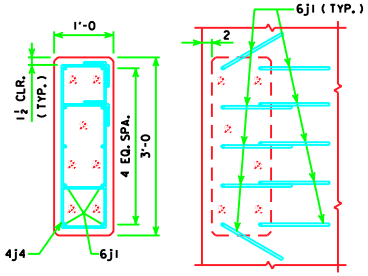
PART SECTION B-B



OPEN RAIL JOINT DETAILS



INTERIOR POST DETAILS



END POST DETAILS (REQUIRED AT ENDS OF OPEN RAIL)

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 24' ROADWAY, 3 SPAN BRIDGES

CONTINUOUS CONCRETE SLAB BRIDGES

NOVEMBER, 2006

OPEN RAIL DETAILS (TL-4)

J24-40-06