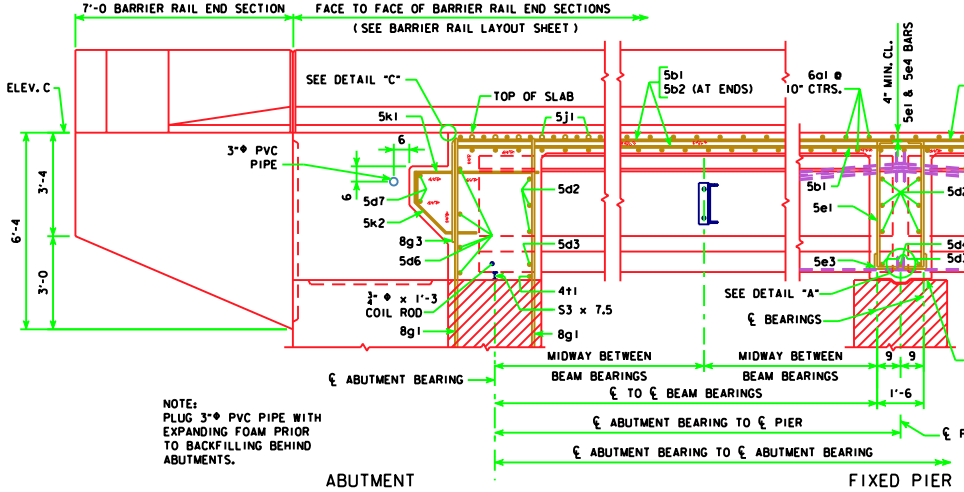
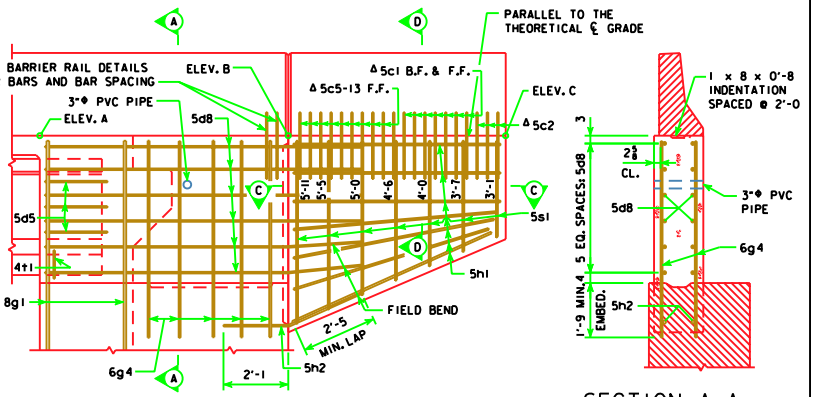
NOTE: BRIDGE IS SYMMETRICAL ABOUT ℄



NOTE:
PLUG 3"Φ PVC PIPE WITH EXPANDING FOAM PRIOR TO BACKFILLING BEHIND ABUTMENTS.

PART LONGITUDINAL SECTION NEAR GUTTER

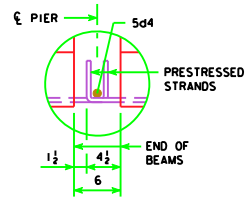
(FOR DETAILS OF INTERMEDIATE DIAPHRAGM SEE SHEET H30-38-06)



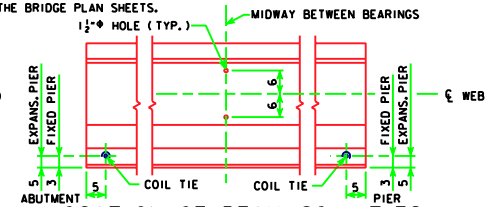
PART END VIEW AT ABUTMENT

PROVIDE ELEVATIONS A, B AND C IN THE BRIDGE PLAN SHEETS.

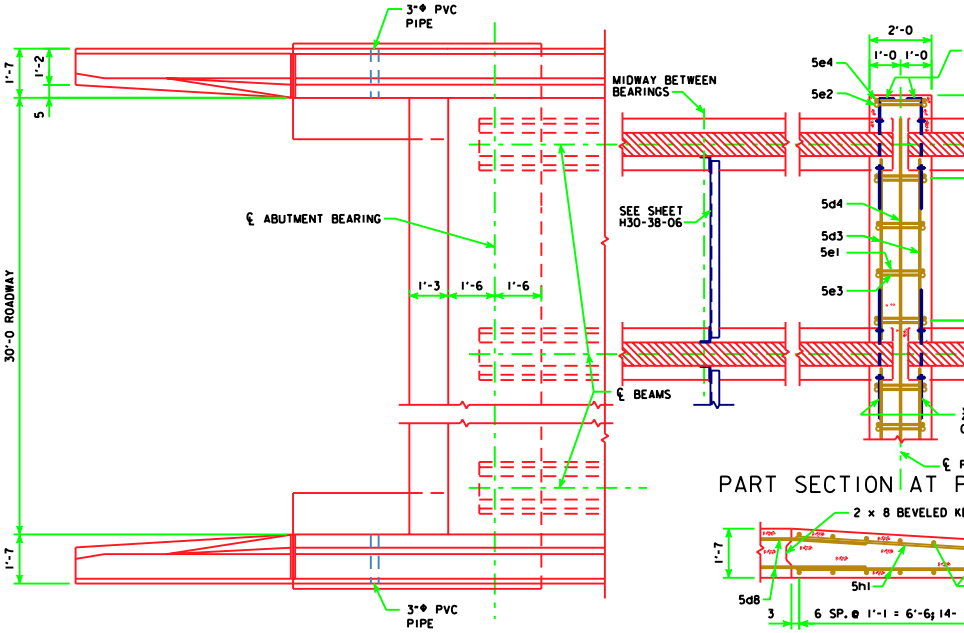
SECTION A-A



DETAIL "A"

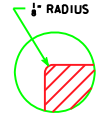


LOCATION OF BEAM COIL TIES AND STEEL DIAPHRAGM BOLT HOLES

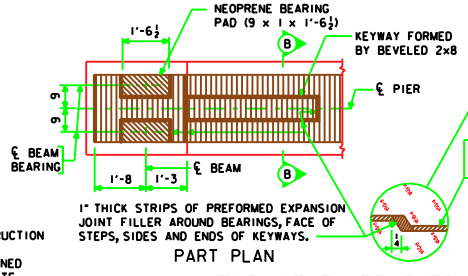


PART PLAN

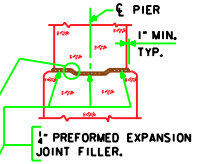
PART SECTION AT PIER



DETAIL "C"



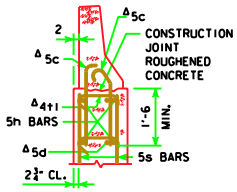
PART PLAN



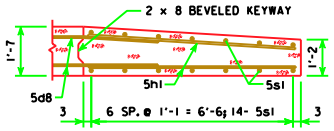
SECTION B-B

NOTE:
SEE SHEET H30-44-06 FOR EXPANSION PIER BEARING DETAILS

TOP OF FIXED PIER DETAILS



SECTION D-D



PART SECTION C-C

Δ NOTE:
SEE END SECTION DETAILS IN THESE PLANS FOR DETAILS OF BARRIER RAIL END SECTION AND SPACING FOR 5c BARRIER RAIL BARS. REINFORCING BARS "5c", "5d" AND "4t1" ARE INCLUDED IN THE SUPERSTRUCTURE QUANTITIES.

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES

PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES

HL93 SUPERSTRUCTURE DECEMBER, 2006 HS25 SUBSTRUCTURE

LONGITUDINAL SECTION
0° SKEW C BEAMS

H30-08-06