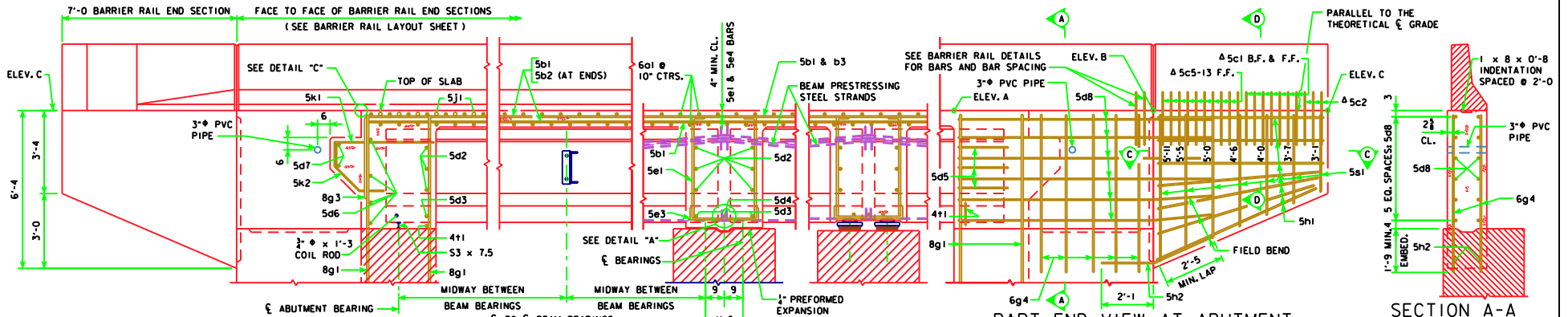


NOTE: BRIDGE IS SYMMETRICAL ABOUT ϵ

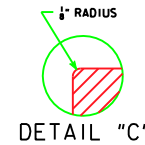


NOTE: PLUG 3" PVC PIPE WITH EXPANDING FOAM PRIOR TO BACKFILLING BEHIND ABUTMENTS.

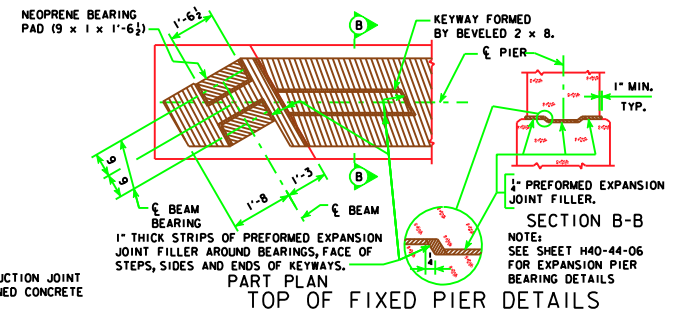
ABUTMENT
PART LONGITUDINAL SECTION NEAR GUTTER
(FOR DETAILS OF INTERMEDIATE DIAPHRAGM SEE SHEET H40-38-06)

PART END VIEW AT ABUTMENT
PROVIDE ELEVATIONS A, B AND C IN THE BRIDGE PLAN SHEETS.

SECTION A-A



LOCATION OF BEAM COIL TIES
AND STEEL DIAPHRAGM BOLT HOLES



PART PLAN
TOP OF FIXED PIER DETAILS

PART SECTION AT PIER
2 x 8 BEVELED KEYWAY

SECTION D-D

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.

PART SECTION C-C

PART PLAN

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE
PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES

HL93 SUPERSTRUCTURE DECEMBER, 2006 HS25 SUBSTRUCTURE

LONGITUDINAL SECTION
30° SKEW C BEAMS

H40-21-06

LATEST REVISION DATE
APPROVED BY BRIDGE ENGINEER
Thomas L. McQuinn