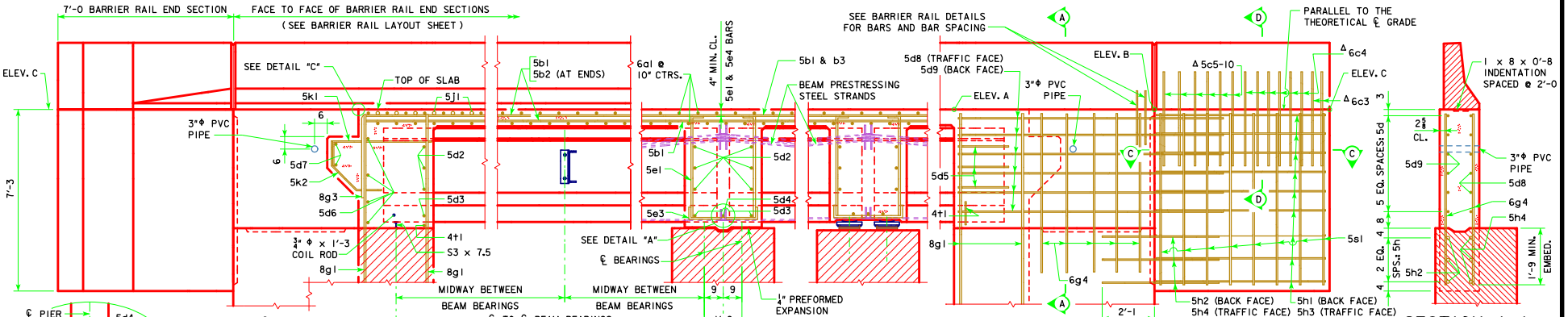


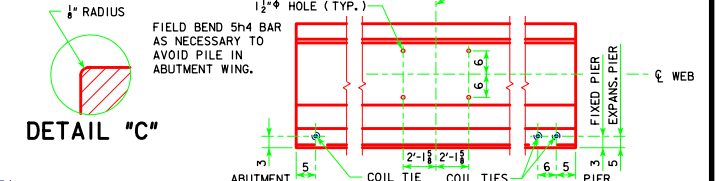
NOTE: BRIDGE IS SYMMETRICAL ABOUT \bar{C}



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

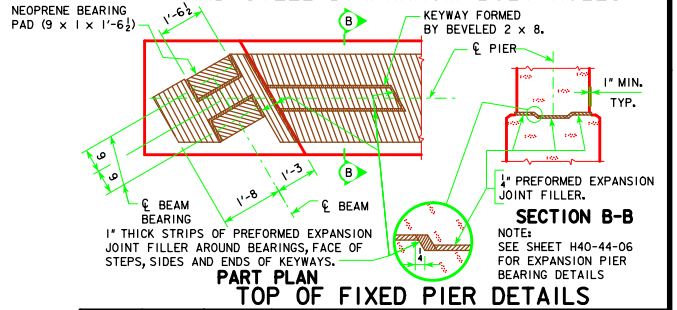
PART END VIEW AT ABUTMENT
PROVIDE ELEVATIONS A, B AND C IN THE BRIDGE PLAN SHEETS.

SECTION A-A



DETAIL "C"

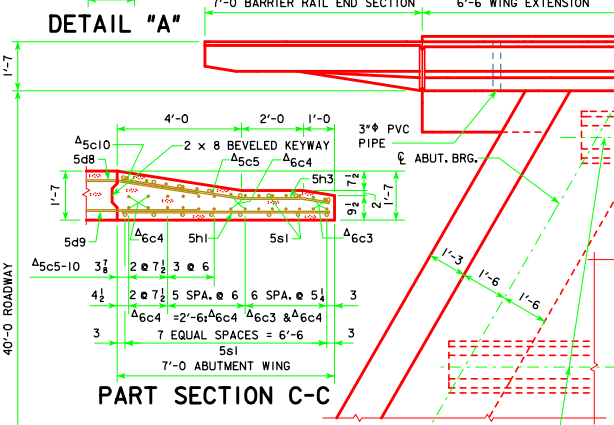
LOCATION OF BEAM COIL TIES AND STEEL DIAPHRAGM BOLT HOLES



SECTION B-B

NOTE: 1" THICK STRIPS OF PREFORMED EXPANSION JOINT FILLER AROUND BEARINGS, FACE OF STEPS, SIDES AND ENDS OF KEYWAYS.
FOR EXPANSION PIER BEARING DETAILS

PART PLAN TOP OF FIXED PIER DETAILS

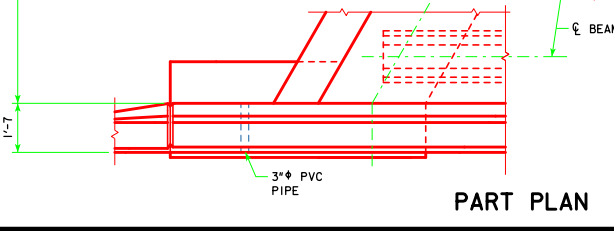


PART SECTION C-C

PART SECTION AT PIER

NOTE: SEE END SECTION DETAILS IN THESE PLANS FOR DETAILS OF BARRIER RAIL END SECTION. REINFORCING BARS 6c3, 6c4, 5c5-10, 6d2 & 4t1 ARE INCLUDED IN THE SUPERSTRUCTURE QUANTITIES.

SECTION D-D



PART PLAN

Iowa Department of Transportation Highway Division
STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE
PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES
AUGUST, 2009

LONGITUDINAL SECTION
30° SKEW C BEAMS

H40-21-06

LATEST REVISION DATE

01-12

APPROVED BY BRIDGE ENGINEER

Thomas E. McQuinn

REVISED 01-12 - ADDED FIELD BEND 5h4 BAR TO AVOID PILE IN ABUTMENT WING NOTE.