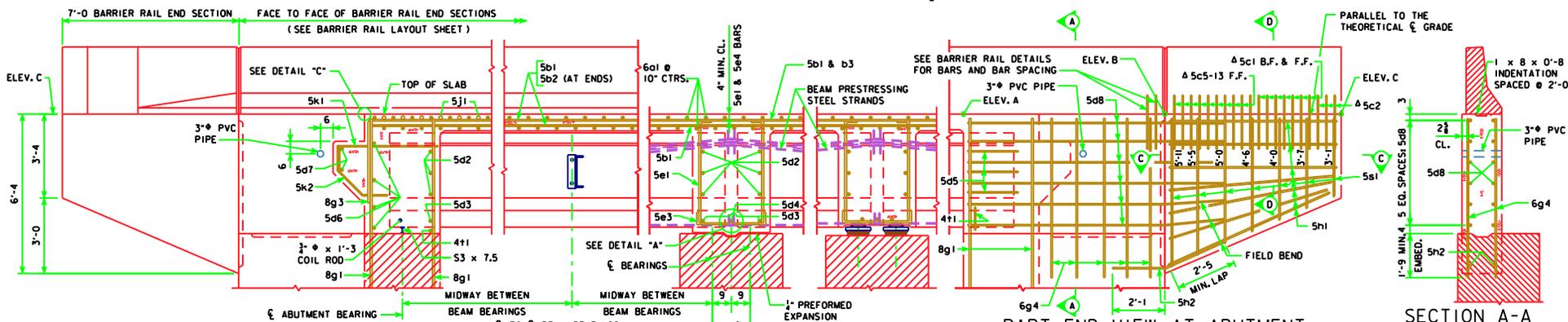


NOTE: BRIDGE IS SYMMETRICAL ABOUT ϵ

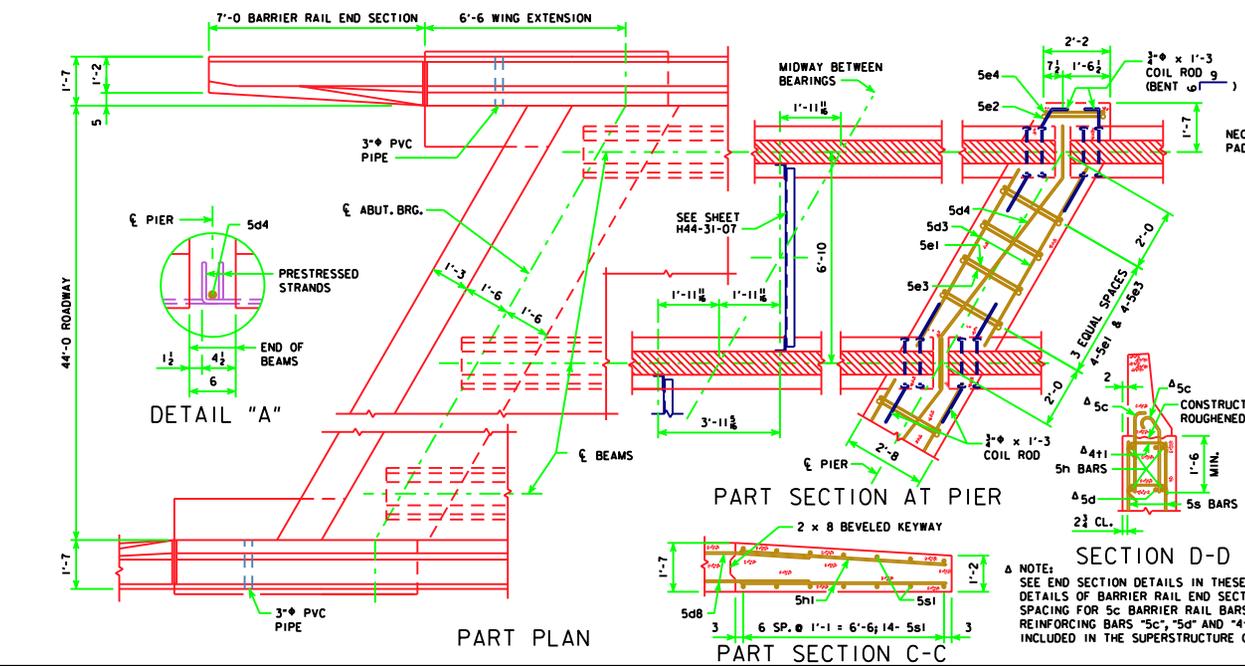


NOTE: PLUG 3" PVC PIPE WITH EXPANDING FOAM PRIOR TO BACKFILLING BEHIND ABUTMENTS.

ABUTMENT PART LONGITUDINAL SECTION NEAR GUTTER (FOR DETAILS OF INTERMEDIATE DIAPHRAGM SEE SHEET H44-31-07)

PART END VIEW AT ABUTMENT

SECTION A-A

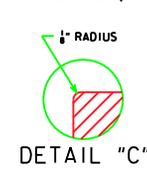


DETAIL "A"

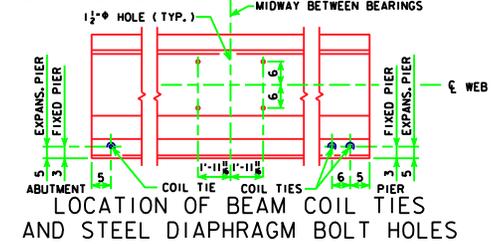
PART SECTION AT PIER

SECTION D-D

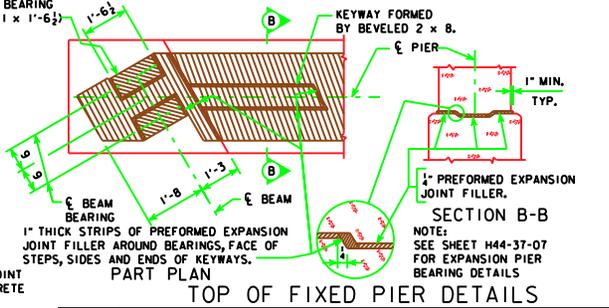
NOTE: SEE END SECTION DETAILS IN THESE PLANS FOR DETAILS OF BARRIER RAIL END SECTION AND SPACING FOR 5c BARRIER RAIL BARS. REINFORCING BARS "5c", "5d" AND "411" ARE INCLUDED IN THE SUPERSTRUCTURE QUANTITIES.



DETAIL "C"



LOCATION OF BEAM COIL TIES AND STEEL DIAPHRAGM BOLT HOLES



TOP OF FIXED PIER DETAILS

LATEST REVISION DATE	<i>Thomas E. McQuinn</i> APPROVED BY BRIDGE ENGINEER	Iowa Department of Transportation Highway Division	
		STANDARD DESIGN - 44' ROADWAY, THREE SPAN BRIDGE	
		PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES	
		HL93 SUPERSTRUCTURE	MARCH, 2007
		LONGITUDINAL SECTION 30° SKEW C BEAMS	H44-21-07