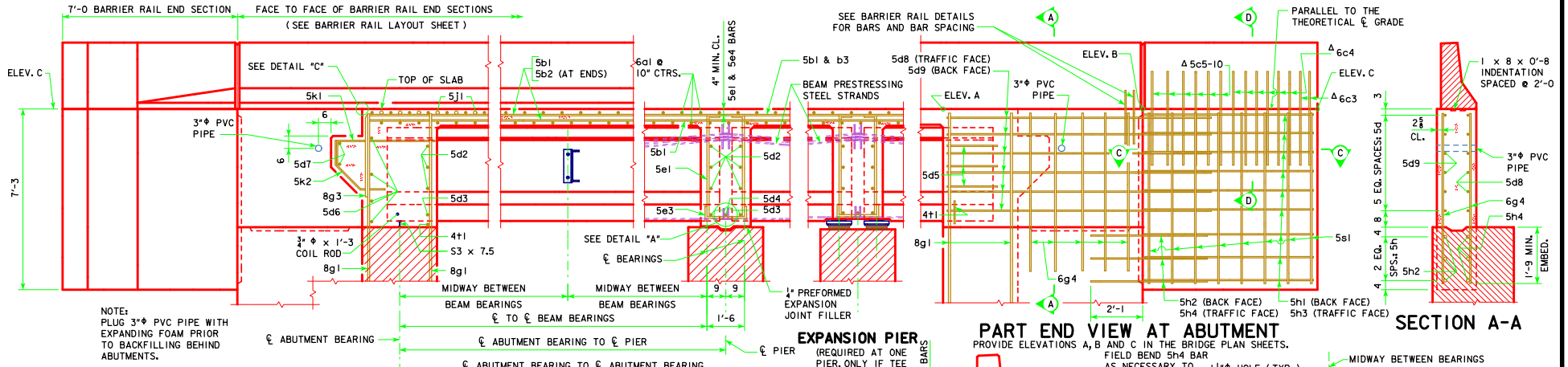


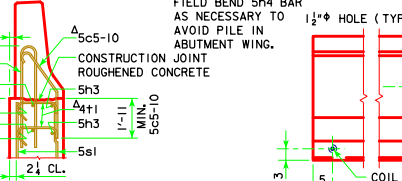
NOTE: BRIDGE IS SYMMETRICAL ABOUT $\bar{\bar{C}}$



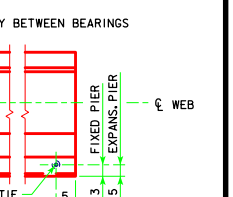
ABUTMENT PART LONGITUDINAL SECTION NEAR GUTTER
(FOR DETAILS OF INTERMEDIATE DIAPHRAGM SEE SHEET H40-38-06)

EXPANSION PIER
REQUIRED AT ONE PIER, ONLY IF TEE PIERS ARE USED

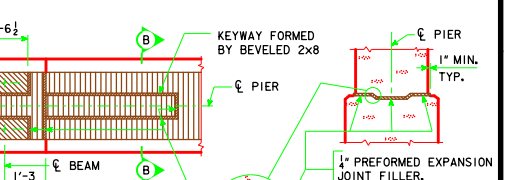
PART END VIEW AT ABUTMENT



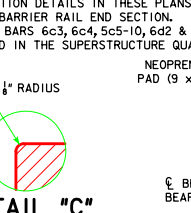
SECTION A-A



LOCATION OF BEAM COIL TIES AND STEEL DIAPHRAGM BOLT HOLES

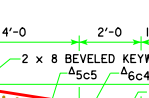


SECTION D-D

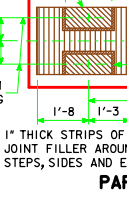


NOTE: SEE END SECTION DETAILS IN THESE PLANS FOR DETAILS OF BARRIER RAIL END SECTION. REINFORCING BARS 6c3, 6c4, 5c5-10, 6d2 & 4f1 ARE INCLUDED IN THE SUPERSTRUCTURE QUANTITIES.

DETAIL "C"

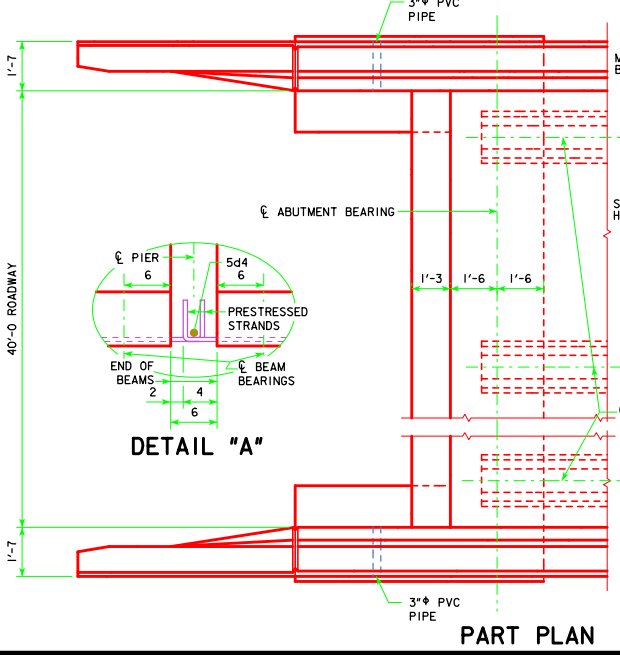


SECTION B-B



NOTE: SEE SHEET H40-44-06 FOR EXPANSION PIER BEARING DETAILS

TOP OF FIXED PIER DETAILS

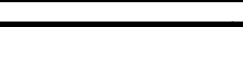


PART PLAN

PART SECTION AT PIER



PART SECTION C-C



LATEST REVISION DATE 01-12 APPROVED BY BRIDGE ENGINEER 	 Iowa Department of Transportation Highway Division STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES AUGUST, 2009
	LONGITUDINAL SECTION 0° SKEW C BEAMS
	H40-08-06

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