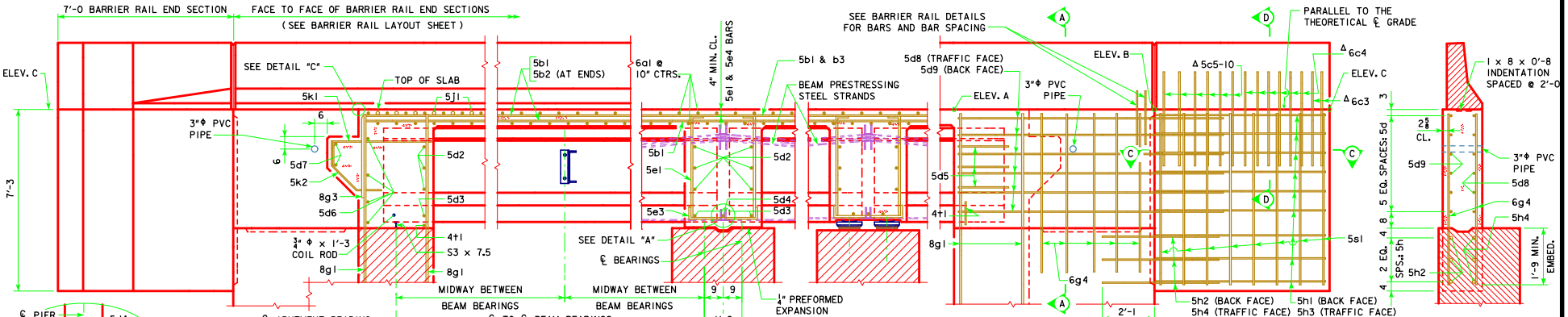


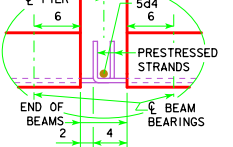
NOTE: BRIDGE IS SYMMETRICAL ABOUT  $\bar{\bar{C}}$



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

**PART END VIEW AT ABUTMENT**  
PROVIDE ELEVATIONS A, B AND C IN THE BRIDGE PLAN SHEETS.  
1 1/2"  $\phi$  HOLE (TYP.)

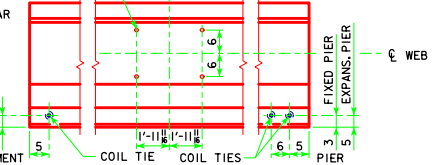
**SECTION A-A**



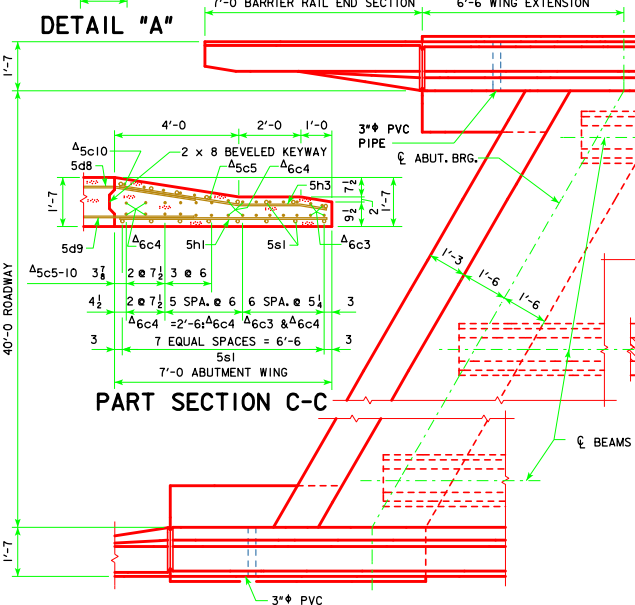
NOTE: PLUG 3"  $\phi$  PVC PIPE WITH EXPANDING FOAM PRIOR TO BACKFILLING BEHIND ABUTMENTS.



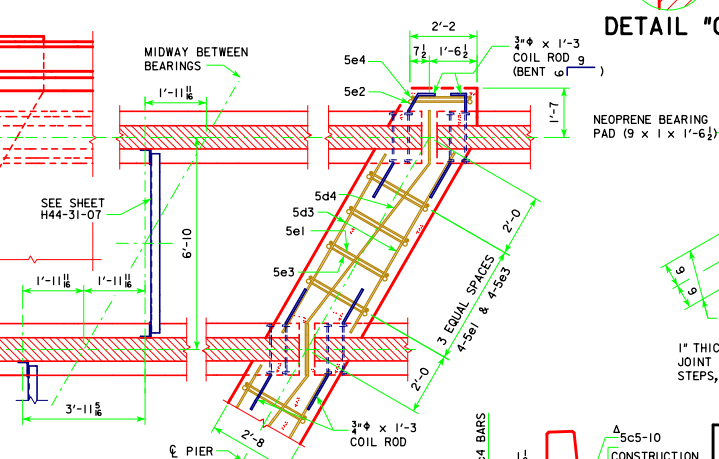
FIELD BEND 5/4 BAR AS NECESSARY TO AVOID PILE IN ABUTMENT WING.



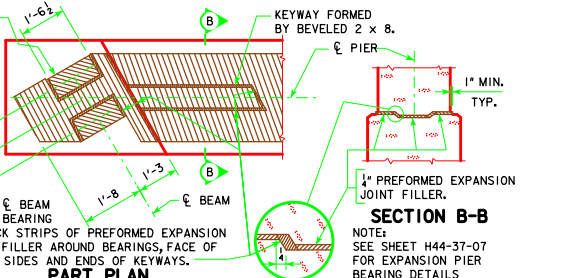
**LOCATION OF BEAM COIL TIES AND STEEL DIAPHRAGM BOLT HOLES**



**PART SECTION C-C**



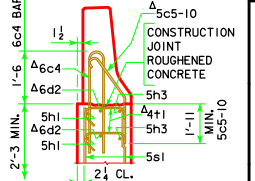
**PART SECTION AT PIER**



**PART PLAN**

**TOP OF FIXED PIER DETAILS**

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**

REVISED 01-12 - ADDED FIELD BEND 5/4 BAR TO AVOID PILE IN ABUTMENT WING NOTE.

LATEST REVISION DATE  
01-12  
APPROVED BY BRIDGE ENGINEER  
*Thomas E. M. ...*

**Iowa Department of Transportation**  
*Highway Division*

STANDARD DESIGN - 44' ROADWAY, THREE SPAN BRIDGE  
**PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES**  
MARCH, 2007

<b>LONGITUDINAL SECTION</b> 30° SKEW C BEAMS	<b>H44-21-07</b>
---	------------------