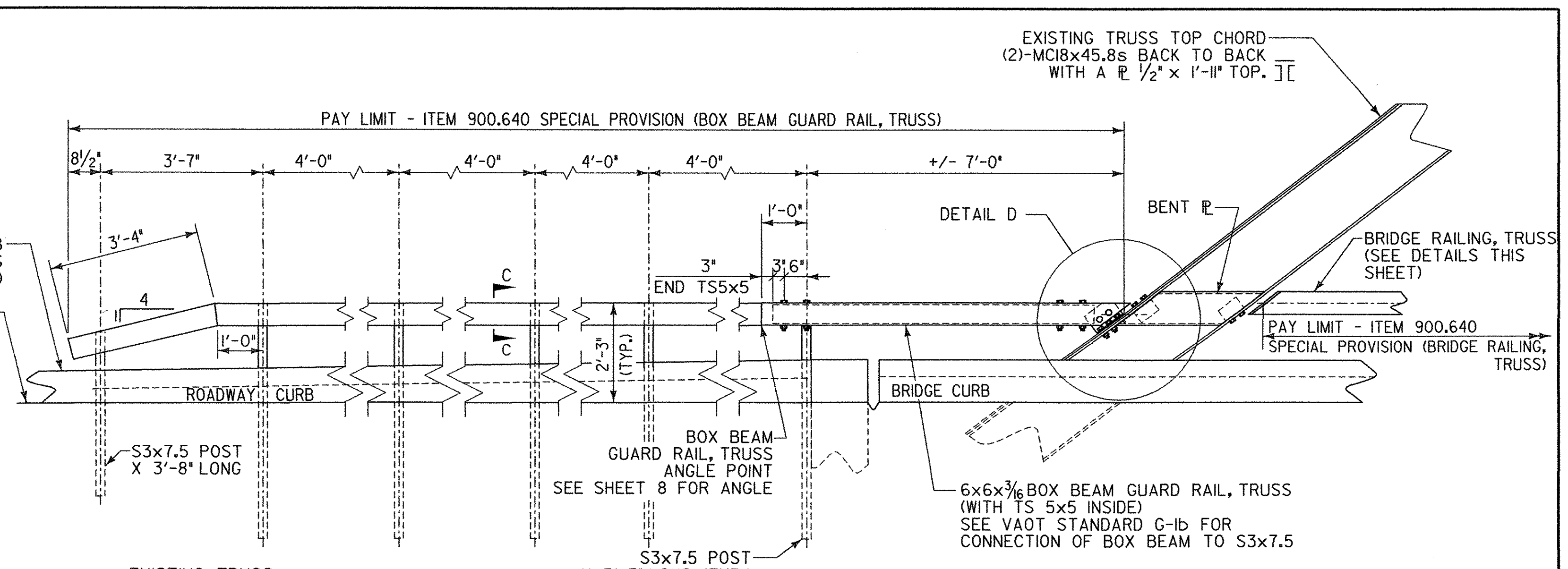


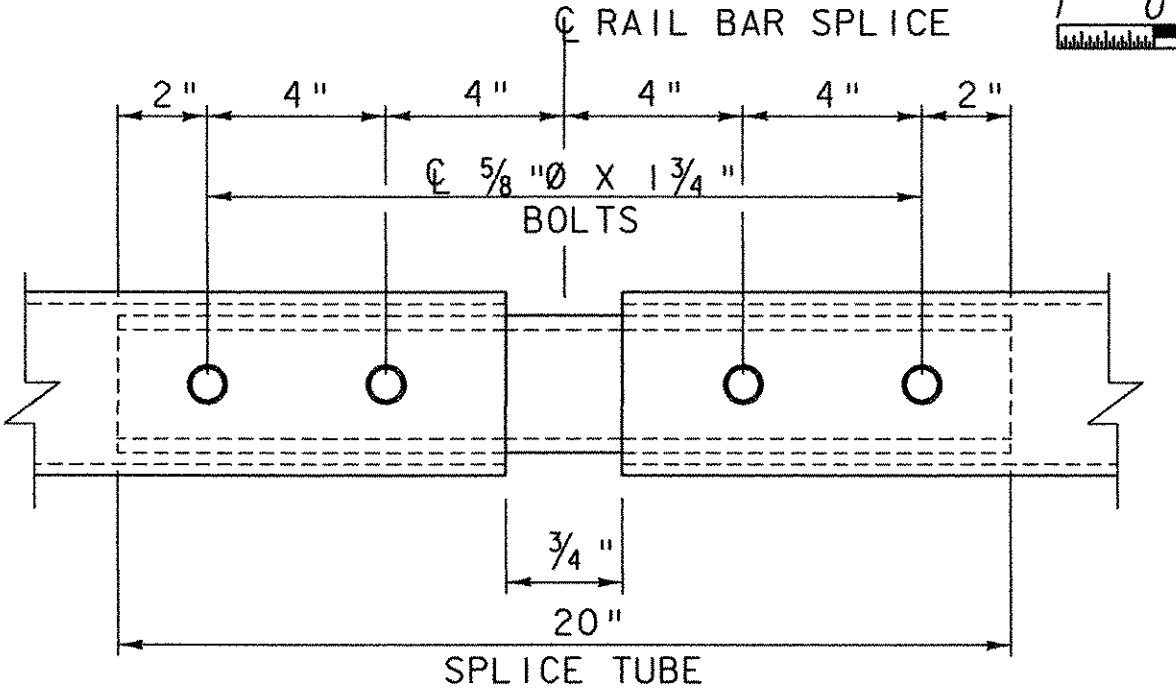
**TYPICAL BRIDGE RAIL ELEVATION**

SCALE 1/2" = 1'-0"



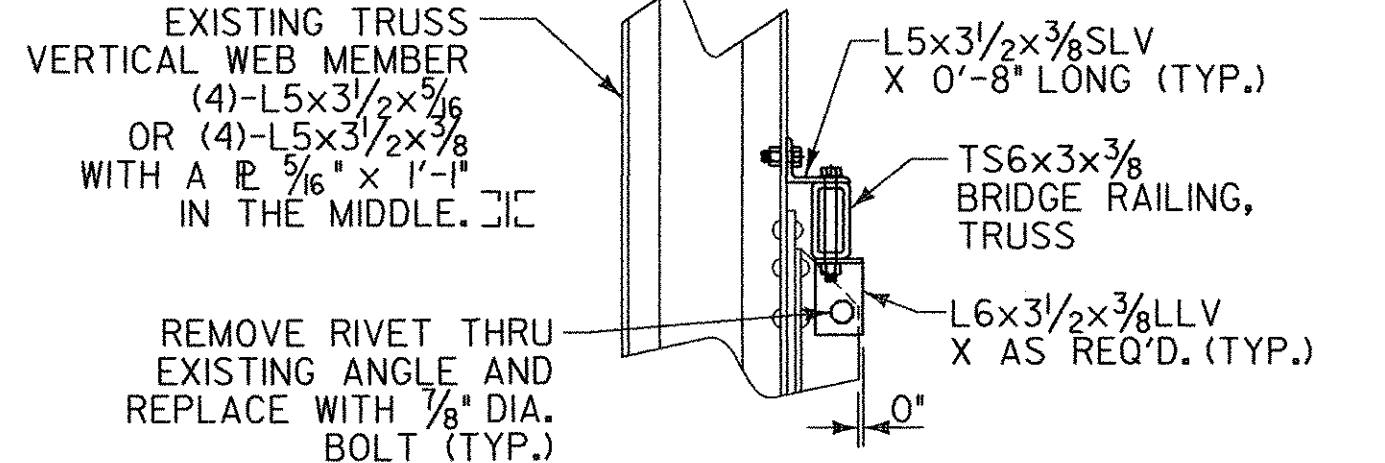
**GUARD RAIL APPROACH ELEVATION AT SE & SW CORNER**

SCALE 1/2" = 1'-0"



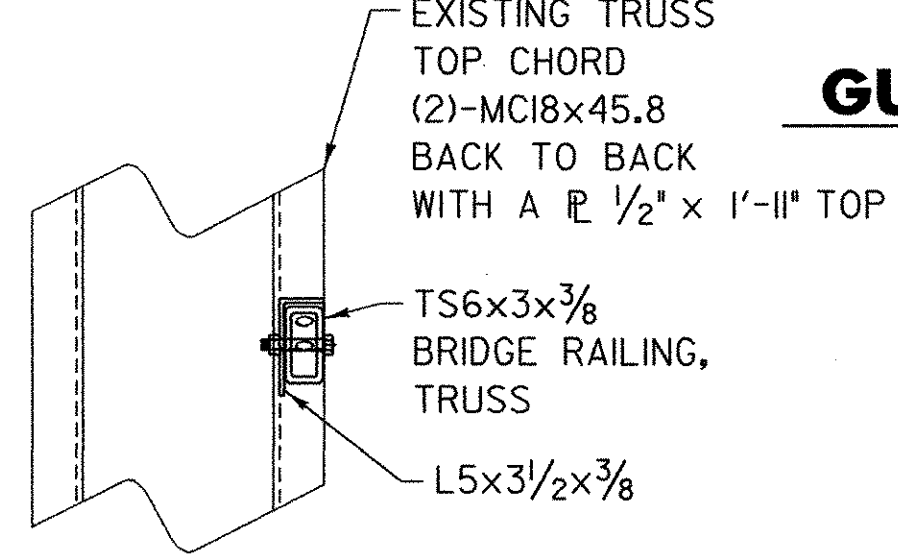
**BRIDGE RAIL BAR SPLICE DETAIL**

[BOTTOM VIEW] NOT TO SCALE



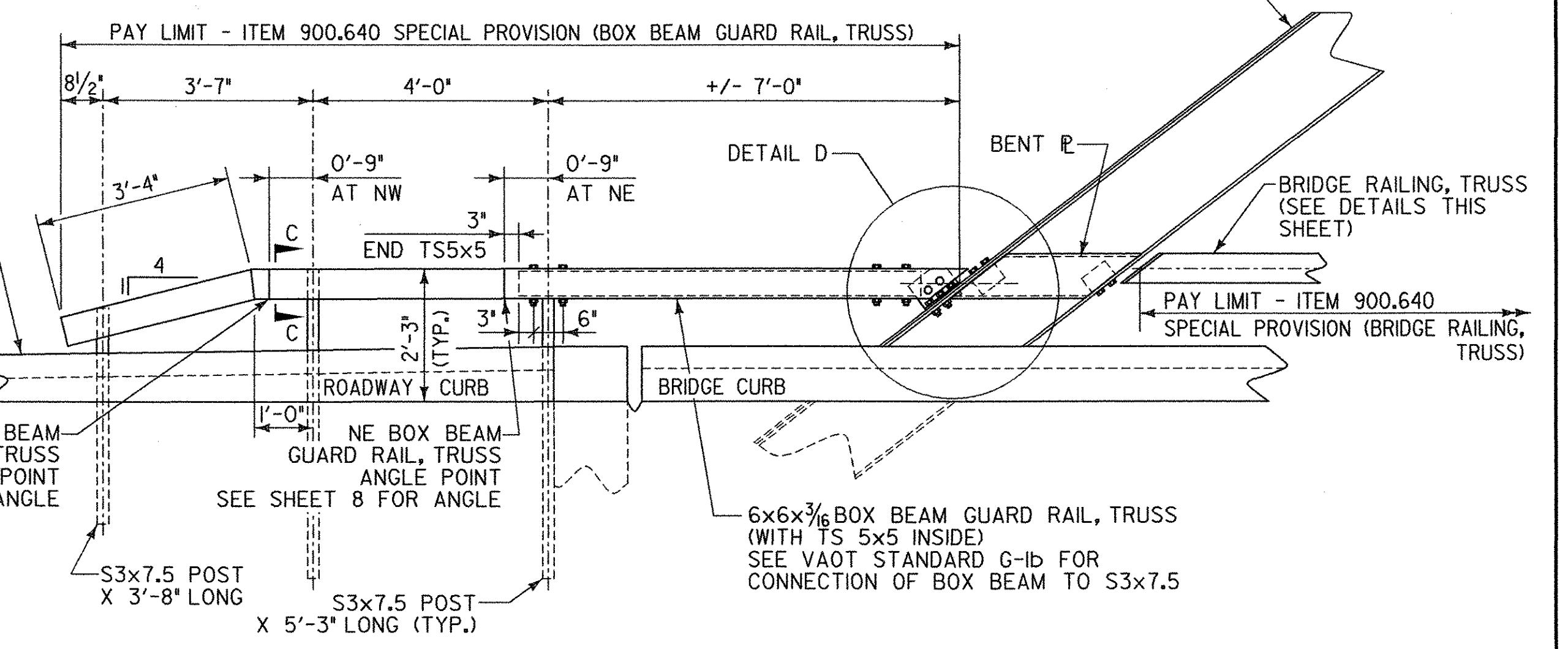
**SECTION A-A**

SCALE 3/4" = 1'-0"



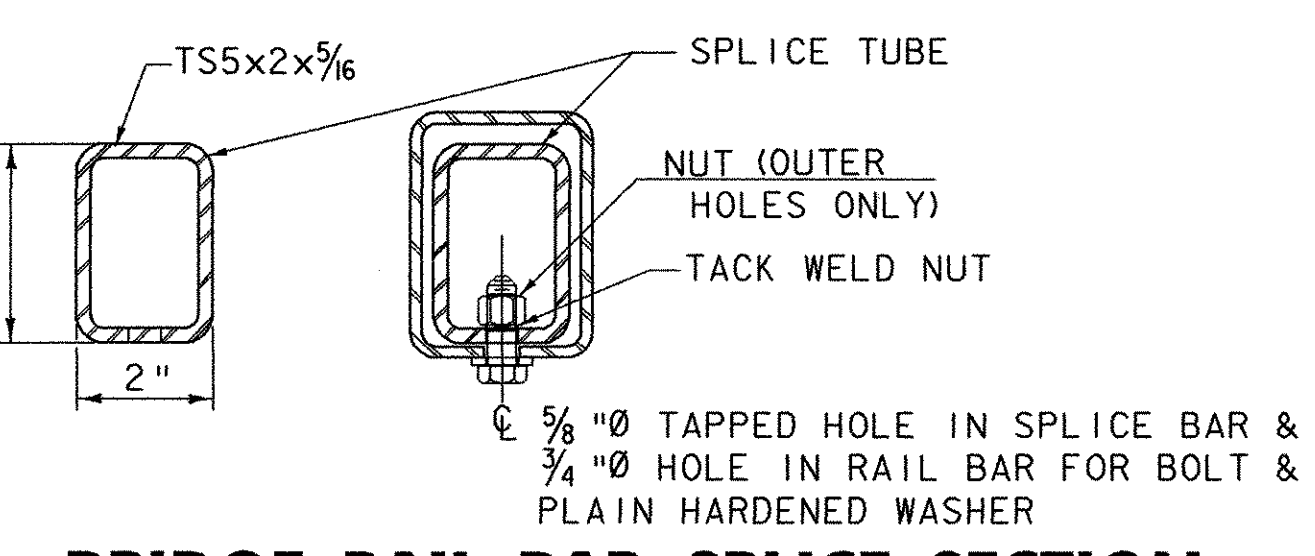
**SECTION B-B**

SCALE 3/4" = 1'-0"



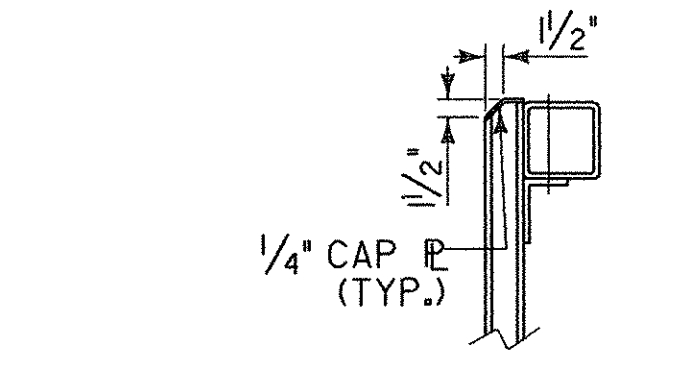
**GUARD RAIL APPROACH ELEVATION AT NW & NE CORNERS**

SCALE 1/2" = 1'-0"



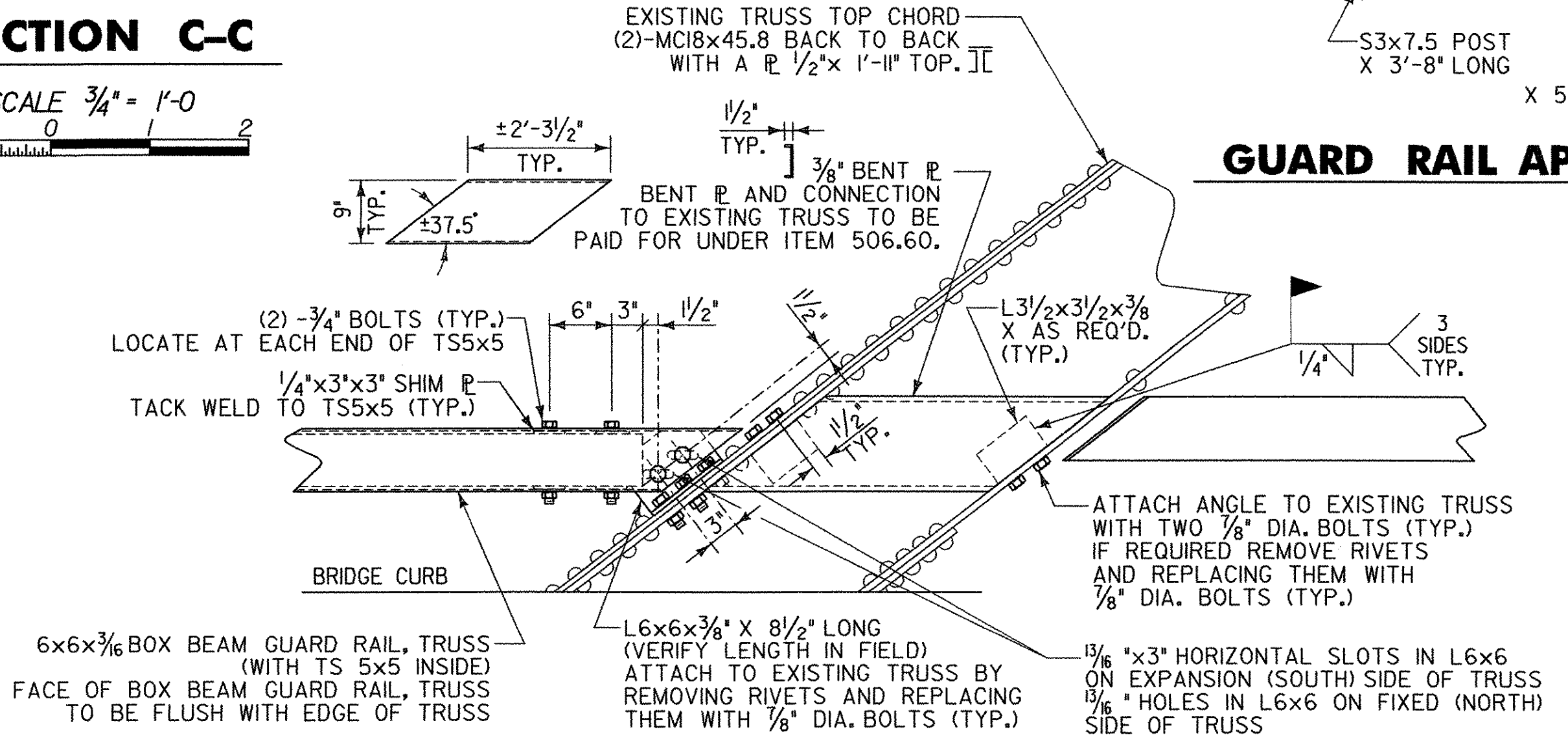
**BRIDGE RAIL BAR SPLICE SECTION**

NOT TO SCALE



**SECTION C-C**

SCALE 3/4" = 1'-0"



**DETAIL D**

SCALE 1" = 1'-0"

- BRIDGE RAIL AND APPROACH RAIL NOTES**
1. ALL WORK AND MATERIALS SHALL CONFORM TO SECTION 525.
  2. ALL BRIDGE RAIL CONNECTION HARDWARE SHALL BE INCIDENTAL TO ITEM 900.640 SPECIAL PROVISION (BRIDGE RAILING, TRUSS).
  3. TUBING SHALL MEET THE REQUIREMENTS OF SUBSECTION 732.03. ALL OTHER SHAPES AND PLATES SHALL BE AASHTO M 270M/M 270 GRADE 36. BOLTS SHALL CONFORM TO NOTE 22 OF THE PROJECT NOTES.
  4. ALL EXPOSED CUT OR SHEARED EDGES SHALL BE ROUNDED TO A 1/16" RADIUS AND BE FREE OF BURRS.
- SECTIONS OF BRIDGE RAIL SHALL BE ATTACHED TO
5. A MINIMUM OF TWO (2) TRUSS MEMBERS.
- ALL PARTS SHALL BE PAINTED ACCORDING
6. TO NOTES 26 AND 27 OF THE PROJECT NOTES.
- ANY BENDING OF BRIDGE RAIL SHALL BE BY SHOP
7. PROCEDURE ONLY.

**NOTE:**

SLV = SHORT LEG VERTICAL  
LLV = LONG LEG VERTICAL



PROJECT NAME:	RICHFORD	FILE NAME:	...Design\Rich-brraildets.dgn	PLOT DATE:	12/18/2007
PROJECT NUMBER:	BHF 0302 (3) S	PROJECT LEADER:	MJC	DRAWN BY:	SEB
		DESIGNED BY:	SEB	CHECKED BY:	MJC
		<b>BRIDGE RAIL DETAILS</b>			SHEET 34 OF 41