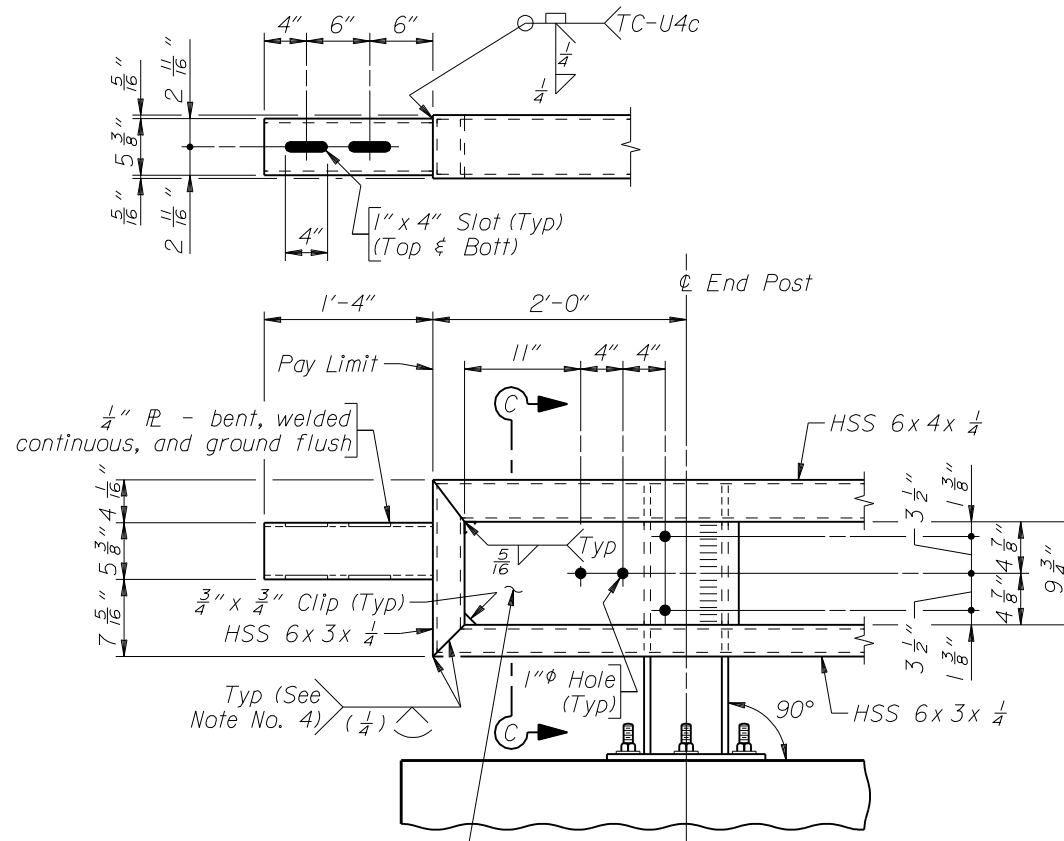
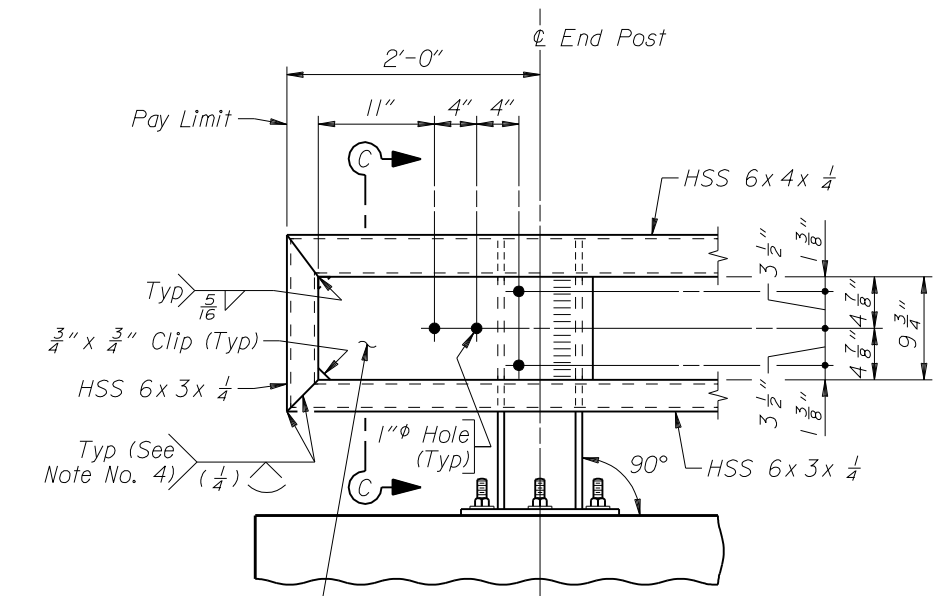


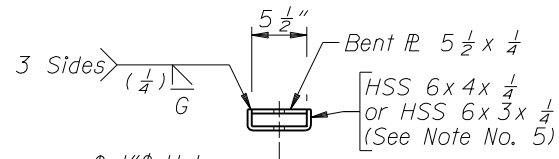
**ELEVATION AT TERMINAL TYPE ①**  
 (Box beam guardrail connection)



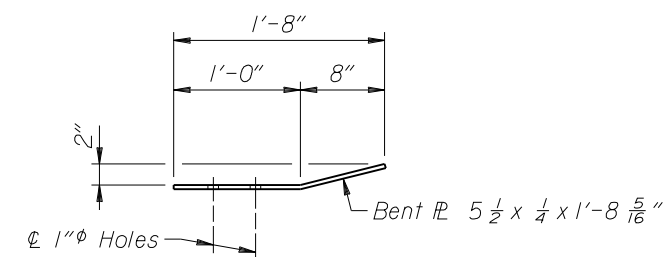
**ELEVATION AT TERMINAL TYPE ②**  
 (Box beam guardrail connection, Interstate exit end only)  
 (With provision for temporary corrugated beam guardrail connection)



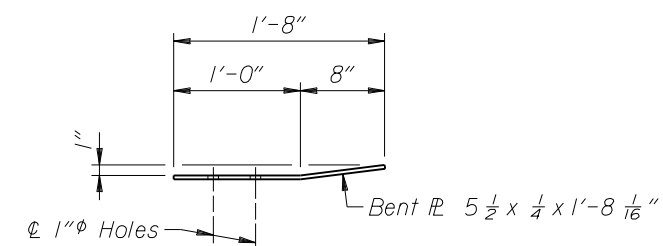
**ELEVATION AT TERMINAL TYPE ③**  
 (Corrugated beam guardrail connection  
 or no guardrail connection)



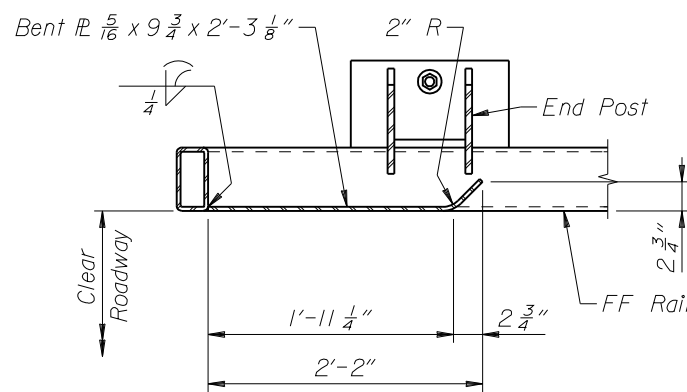
**END VIEW**



**ELEVATION OF BENT PLATE FOR TOP RAIL**  
 (HSS 6x4x 1/4 not shown)

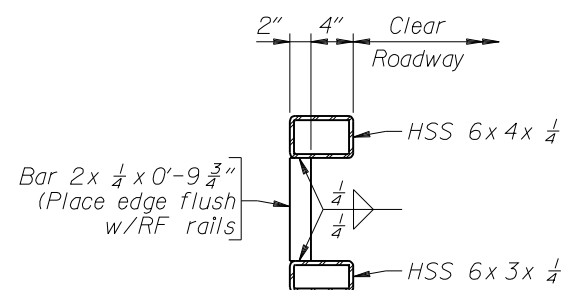


**ELEVATION OF BENT PLATE FOR BOTTOM RAIL**  
 (HSS 6x3x 1/4 not shown)  
**RAIL TAPER PLATE DETAILS**

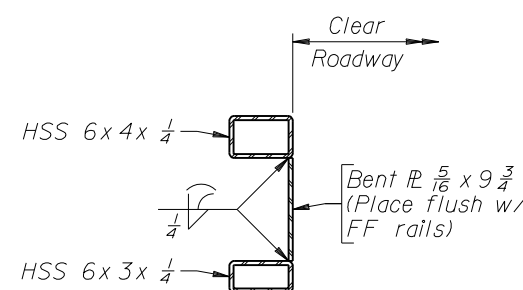


**BENT PLATE SECTION**

(Top rail not shown)  
 (Req'd at Type ② and ③ Terminals)



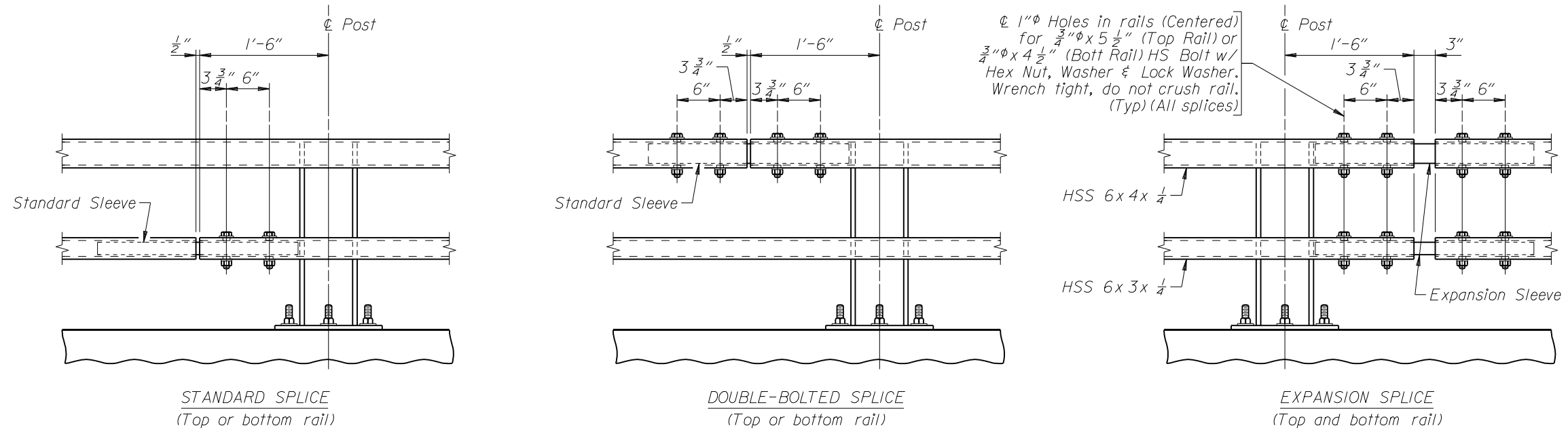
**BRACE BAR DETAIL**  
 (See Note No. 3)



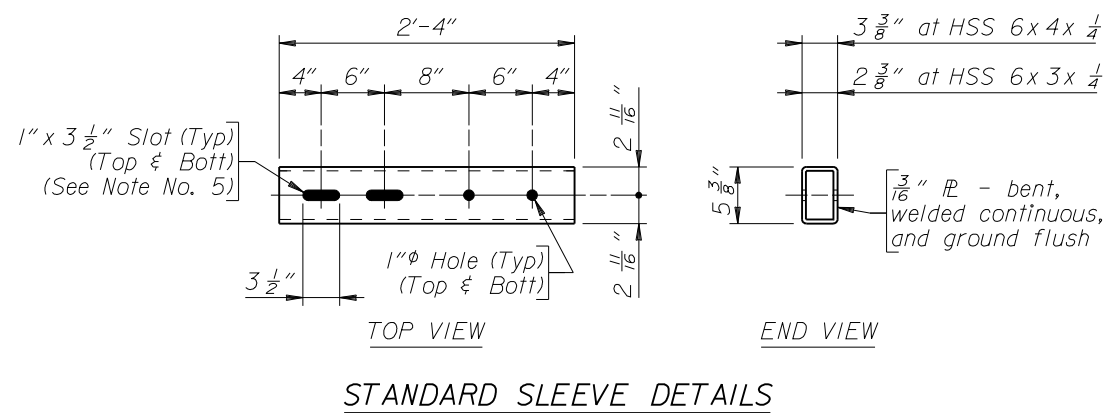
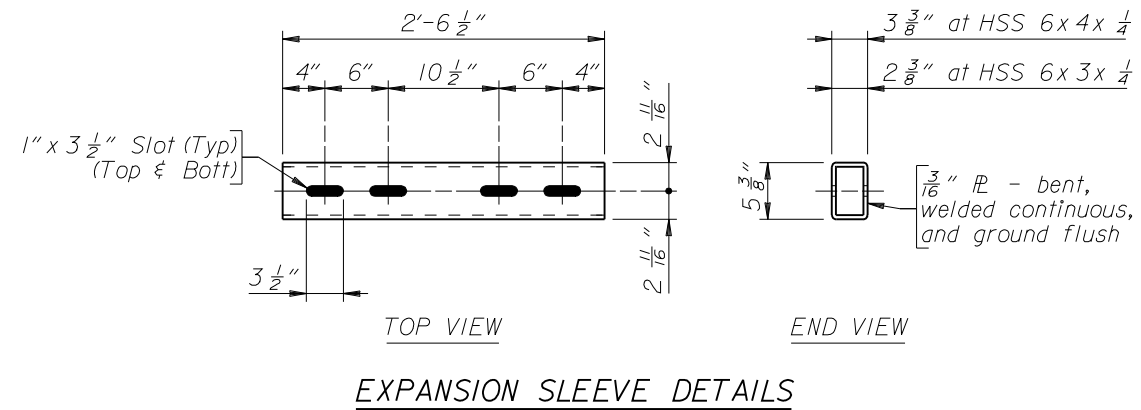
**SECTION C-C**

- Note:
- 1) Either top or bottom rail in terminal section may be the longer rail.
  - 2) Ensure each rail length is continuous over a minimum of two posts. Railing that is part of a type ② or ③ terminal is continuous if either the top or bottom rail in the terminal is continuous over a minimum of two posts.
  - 3) Ensure a brace bar is placed 2'-0" from the splice end of the shorter tube at type ② and ③ terminals.
  - 4) Ensure the fabricator prepares a sample of the indicated joint and it is macroetched to demonstrate that the required effective throat is achieved.
  - 5) Cut top and bottom rails for Terminal Type ① as required for fabrication of tapered end sections.

WYOMING DEPARTMENT OF TRANSPORTATION BRIDGE PROGRAM			
REVISIONS		BRIDGE RAILING DETAILS	
		TL4_br2.dgn	
APPROVED	DESIGN	Design Section X	
DATE	DETAIL	Drwg.No. X Sheet X of X	
	O'S.		



1"  $\phi$  Holes in rails (Centered) for 3/4"  $\phi$  x 5 1/2" (Top Rail) or 3/4"  $\phi$  x 4 1/2" (Bot Rail) HS Bolt w/ Hex Nut, Washer & Lock Washer. Wrench tight, do not crush rail. (Typ) (All splices)



- Note: 1) In rehabilitation work, ensure railing that cannot feasibly be made continuous over a minimum of two posts has a double-bolted splice.  
 2) Splices may be located on either side of post.  
 3) Not more than one splice is permitted per side of post, except at expansion splices.  
 4) Do not shop splice rails.  
 5) Slots may be omitted in standard sleeves where bolts are required on one side of splice only.

WYOMING DEPARTMENT OF TRANSPORTATION BRIDGE PROGRAM			
REVISIONS	BRIDGE RAILING DETAILS		
	TL4_br3.dgn		
APPROVED	DESIGN	DATE	Design Section X
	_____ X ✓ X _____ X ✓ X	_____ _____ _____	Drwg.No. X Sheet X of X