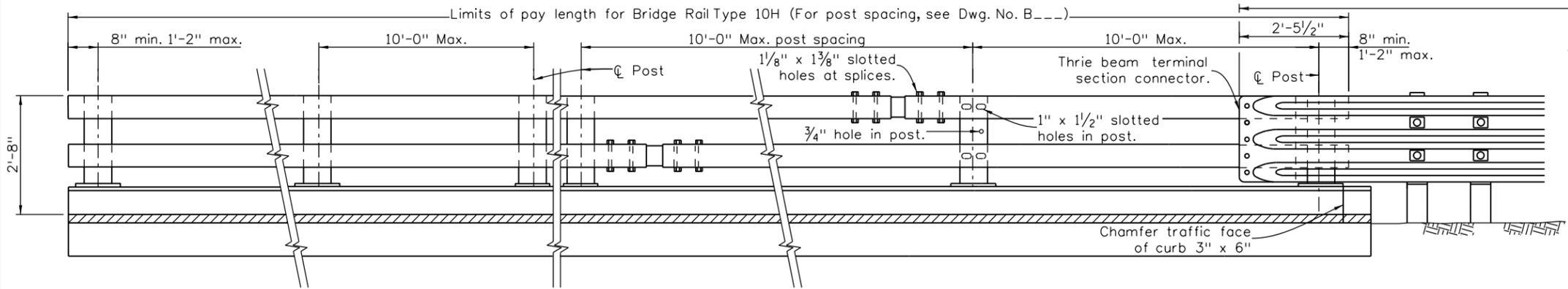


**B-606-10H**  
(Use with  
B-606-10A)



**RAIL PANEL AT  
TERMINAL SECTION**

(See roadway plans for ends not attached to Guardrail)

**ELEVATION - BRIDGE RAIL**

**RAIL PANEL AT  
TRANSITION SECTION**

(See roadway plans for ends requiring attachment to Guardrail)

**NOTES**

All tubes shall be ASTM A-500 Grade B.  
All posts and base plates shall be ASTM A-572 Grade 50.  
All other steel shall be ASTM A-36 unless otherwise noted.

The above material and all anchor bolts and miscellaneous bolts, nuts, and washers shall be galvanized after fabrication in accordance with Section 509. Concrete, reinforcing steel, and structural steel elements shall conform to the requirements of Sections 601, 602 and 509, respectively.

Post anchors, encased in concrete, shall be ASTM A-36 (AASHTO M-183) steel and need not be galvanized.

The tubes shall be shop bent or fabricated to fit horizontal curve when radius is less than 1,500 feet.

Tubes shall be continuous over not less than two posts. No welded butt splices will be allowed in tube sections.

The centerline of the tube splice shall be 1'-8" minimum and 2'-6" maximum from the centerline of the posts.

All bolts that have lock washers shall be tightened to snug only.

Posts shall be perpendicular to the longitudinal roadway grade.

One or more 10'-0" post spacings may be reduced (6'-8" min.) in order to maintain dimensions from the end of the rail and expansion joints.

Payment will be made under Item 606, Bridge Rail Type 10H for all posts, post anchors, base plates, backing plates, anchor bolts, miscellaneous bolts, nuts, washers, tubes, tube splices, end plates, and reflector tabs.

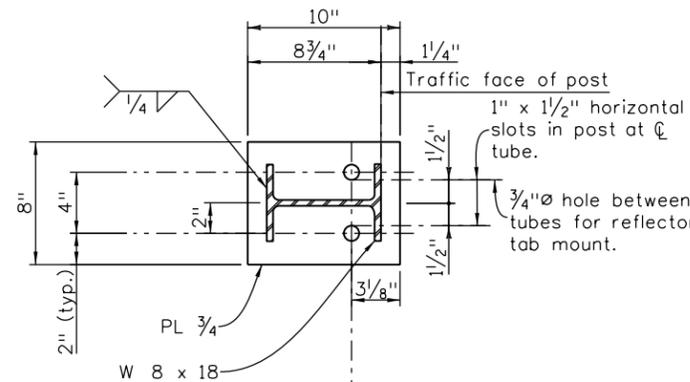
Prior to fabrication of this item, three sets of working drawings which comply with the requirements of Section 105, shall be submitted to the Engineer for information only.

Structural Steel:  
AASHTO M-183 (ASTM A-36)  $f_y = 36,000$  psi  
AASHTO M-223 (ASTM A-572)  $f_y = 50,000$  psi  
Cold formed ASTM A-500 Grade B  $f_y = 46,000$  psi

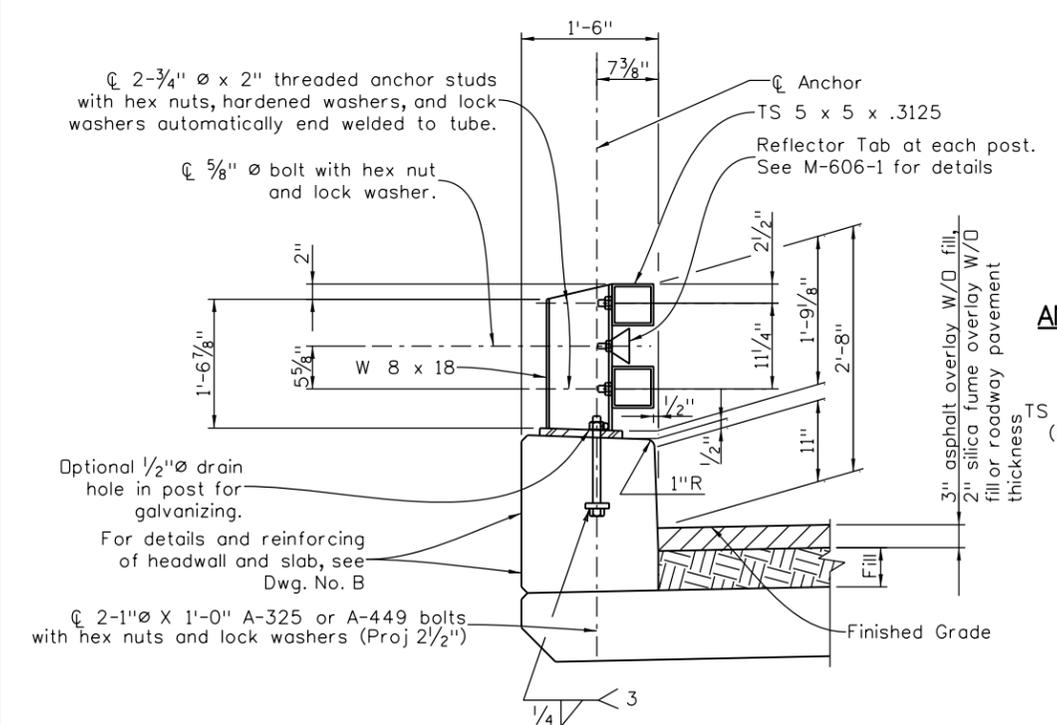
For additional details see next rail sheets

**INFORMATION ONLY**

Description	Unit	Per Lin. Ft.
Structural Steel (Galvanized)	Lb	45.1
Concrete Class D (Bridge)	CY	
Reinforcing Steel (Epoxy Coated)	Lb	

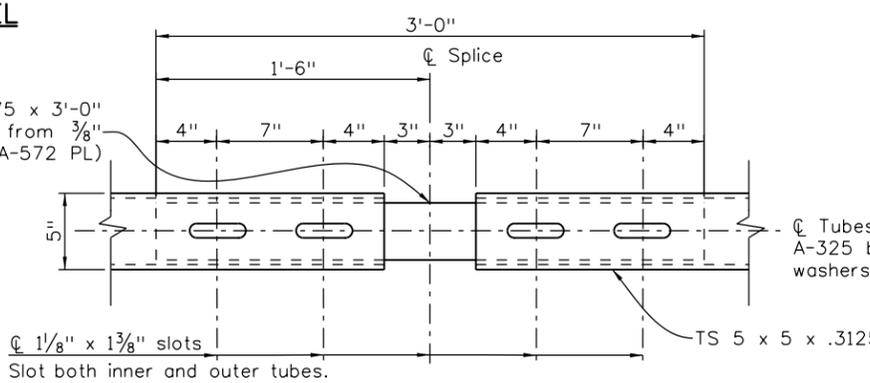


**PLAN - POST DETAIL**



**SECTION**

**ANCHOR DETAIL**



**PLAN - TUBE SPLICE**

Stagger top and bottom splices into different post spacings.

Revision Dates	(Preliminary Stage Only)
10/98	3/99
11/99	5/00
5/01	4/02
3/07	10/13

Design	Detail	Quantities
DATE	DATE	DATE
INITIAL	INITIAL	INITIAL
XXX	XXX	XXX
MM/YY	MM/YY	MM/YY
Checked By	Checked By	Checked By
XXX	XXX	XXX
MM/YY	MM/YY	MM/YY
Designed By	Designed By	Designed By
XXX	XXX	XXX
MM/YY	MM/YY	MM/YY

Print Date: \$DATE\$
File Name: Sheet_B-606-10H.dgn
Horiz. Scale: NTS      Vert. Scale: As Noted
Staff Bridge Branch - Unit 022X    Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation  
4201 East Arkansas Avenue  
Room 107  
Denver, CO 80222  
Phone: 303-757-9309 FAX: 303-757-9197

**Staff Bridge Branch**      **Initials**

As Constructed
No Revisions:
Revised:
Void:

BRIDGE RAIL TYPE 10H HEADWALL MOUNTED			
Designer:	XXXXXXXX	Structure	X-XX-XX
Detailer:	XXXXXXXX	Numbers	X-XX-XX
Sheet Subset:	BRIDGE	Subset Sheets:	BXX of XXX

Project No./Code
Project Number
Code
Sheet Number