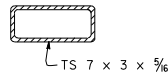
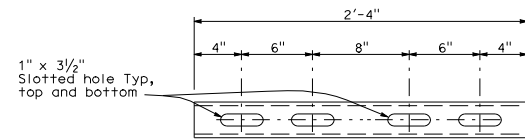


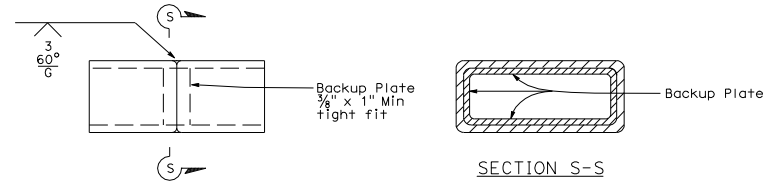
EXPANSION SLEEVE DETAIL



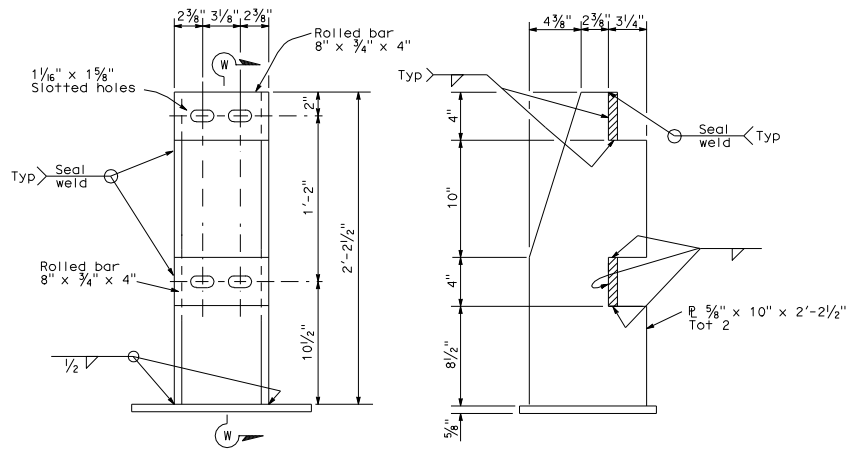
SECTION SLEEVE



STANDARD SLEEVE DETAIL



ALTERNATE TUBE WELDED SPLICE



ELEVATION

POST DETAIL

SECTION W-W

GENERAL NOTES:

1. All structural steel shall be galvanized after fabrication.
2. Anchor bolts may be tack welded (shop or field) to anchor.
3. All rough edges on posts and rails shall be ground smooth.
4. Tubing shall be bent or fabricated to fit horizontal curve when radius is less than 896'.
5. After installation of rail, the exposed rail bolt threads shall be painted with two coats of zinc rich paint conforming to the requirement of Section 75-1.05 galvanizing of the Standard Specifications.
6. The alternative welded splice may be used in lieu of The Standard Splice.
7. Each rail length shall be continuous over a minimum of two posts.
8. The contractor shall check that the tubular sleeves splices conform to the dimensions indicated to assure proper clearance.
9. Except for expansion splices, not more than one splice shall be permitted per same side of post.
10. See project plans for approach guard railing details.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**CALIFORNIA ST-10  
BRIDGE RAIL  
(SHEET 2 OF 3)**

NO SCALE

B11-69

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER  
Tillot Satter  
No. C42892  
Exp. 03-31-08  
CIVIL  
STATE OF CALIFORNIA

PLANS APPROVAL DATE  
May 1, 2006

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To get to the Caltrans web site, go to <http://www.dot.ca.gov>