Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

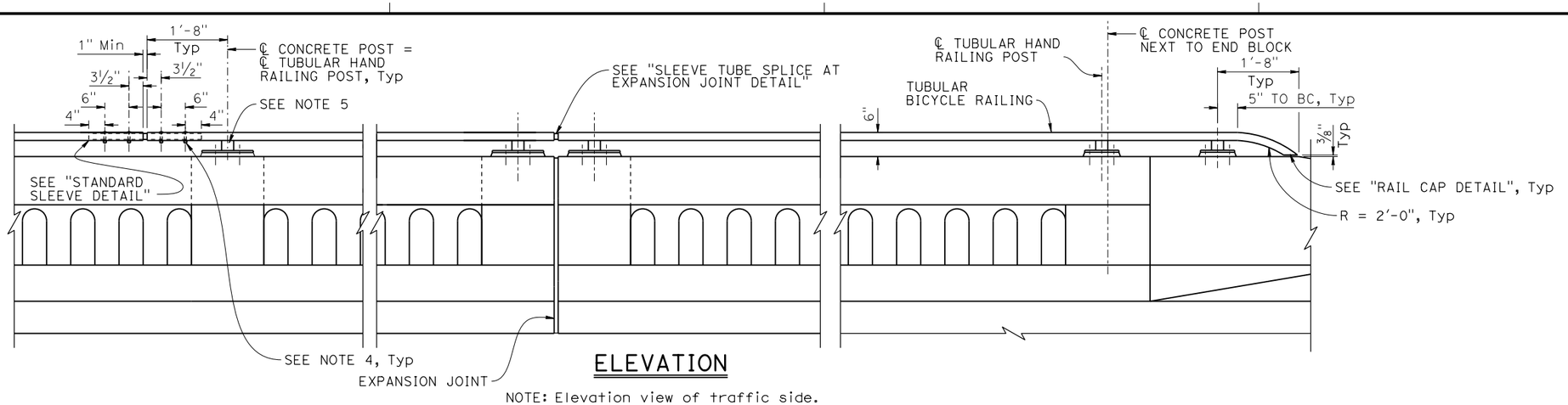
REGISTERED CIVIL ENGINEER — X — DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — X — No. X — Exp. X — CIVIL — STATE OF CALIFORNIA

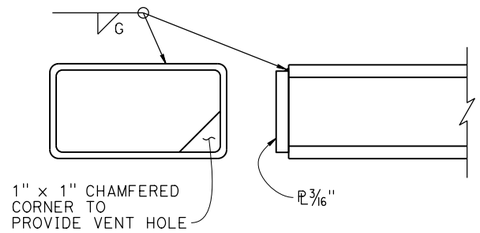
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

THE REGISTERED CIVIL ENGINEER FOR THE PROJECT IS RESPONSIBLE FOR THE SELECTION AND PROPER APPLICATION OF THE COMPONENT DESIGN AND ANY MODIFICATIONS SHOWN.

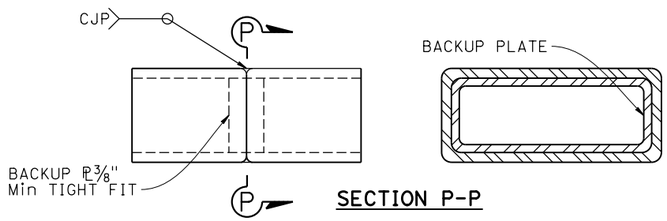


ELEVATION

NOTE: Elevation view of traffic side.



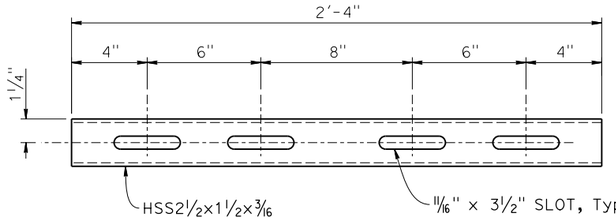
RAIL CAP DETAIL



P — SECTION P-P

ALTERNATIVE STANDARD SPLICE WITH WELDED TUBE

Note: For splices not at expansion joints.

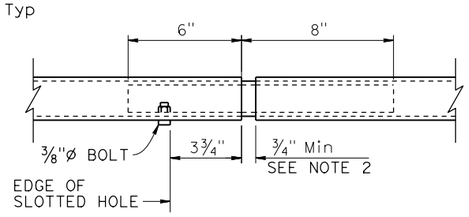


STANDARD SLEEVE DETAIL

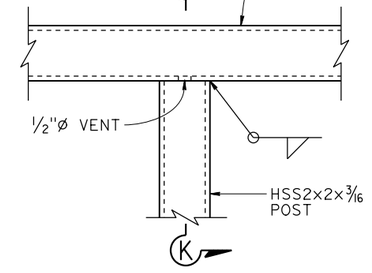
SEE NOTE 4

NOTES:

1. Adjust mortar pad thinness so that the base plate is level in the transverse cross sectional view, and is parallel to the top of the upper beam in the longitudinal direction (parallel to profile).
2. Tube expansion splices shall be located in the tubes spanning deck or wall joints. Increase joint width in tubes to match expansion joint width and increase sleeve length accordingly.
3. Tubular hand railing shall be continuous over not less than two posts.
4. Use ½"øx3⅝" carriage bolt with nut and washers, snug tightened, with thread locking mechanism.
5. Welded connection details between tubular hand railing and HSS2x2x3/16" post is shown, for alternative bolted connection details see "RAILING CONNECTION DETAILS" on Standard Plan B11-220.

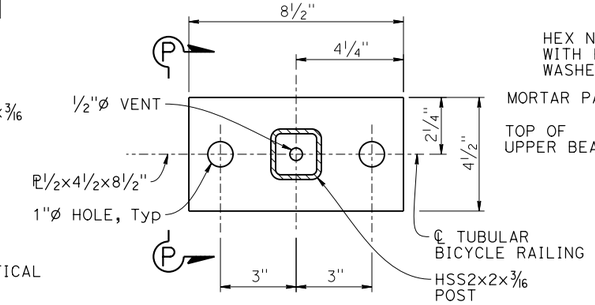


VIEW N-N

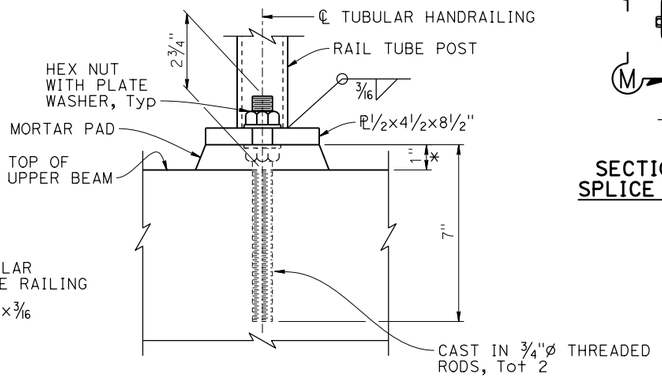


ELEVATION

SEE NOTE 5

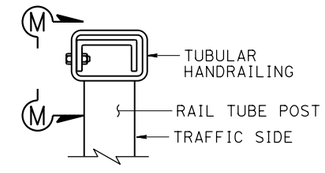


PLAN

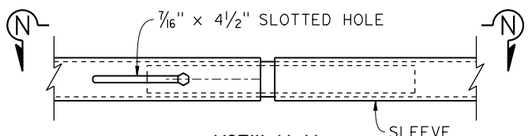


VIEW L-L

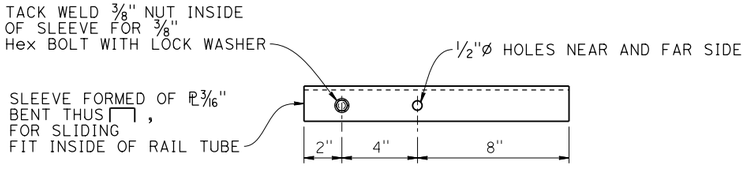
* SEE NOTE 1



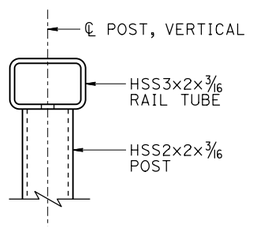
SECTION AT SLEEVE TUBE SPLICE AT EXPANSION JOINT



VIEW M-M



SLEEVE TUBE SPLICE AT EXPANSION JOINT DETAIL



SECTION K-K

TUBULAR HANDRAILING DETAIL

NO SCALE

BRIDGE STANDARD DETAILS						
xs16-128-5 (FILE NO.)	JANUARY 2026 (APPROVAL DATE)	The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE No. XX-XXXX; POST MILE X.X	X — CONCRETE BARRIER TYPE 86HSW DETAILS No. 5

Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html

DATE PLOTTED => 8-JAN-2026 TIME PLOTTED => 15:32
FILE => 202601_xs16-128-5.dgn USERNAME => s155182
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: XXXX COUNTY/ROUTE/ZONE: XXX/XXX/X
PROJECT NUMBER & PHASE: XXXXXXXXXX1 CONTRACT No.: XX-XXXX4

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
				X	X