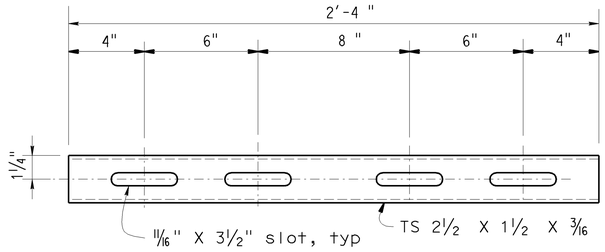
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED ENGINEER - CIVIL

PLANS APPROVAL DATE

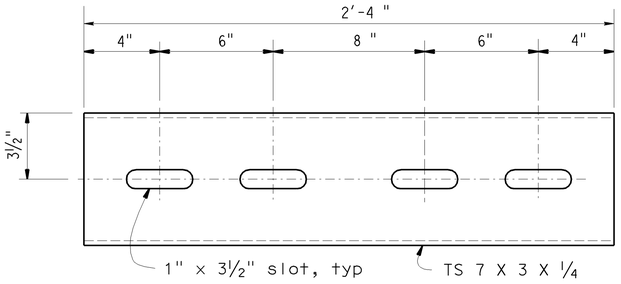
REGISTERED PROFESSIONAL ENGINEER — No. Exp. CIVIL — STATE OF CALIFORNIA

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.



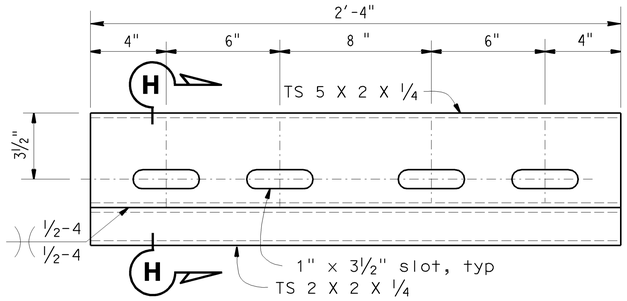
STANDARD SLEEVE DETAIL

(For TS 3 X 2 X 3/16 rail)
3"= 1'-0"



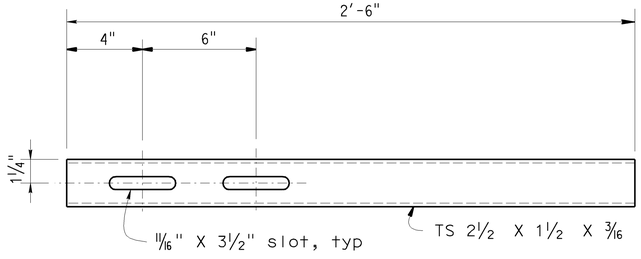
STANDARD SLEEVE DETAIL

(For TS 8 X 4 X 5/16 rail)
3"= 1'-0"



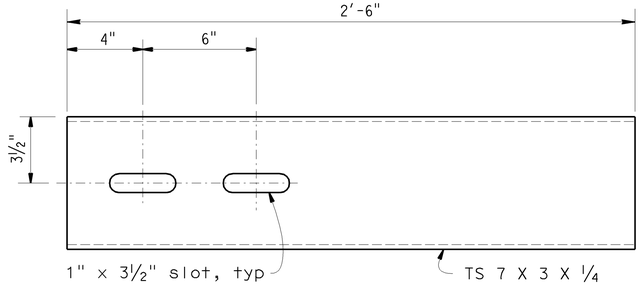
STANDARD SLEEVE DETAIL

(For TS 8 X 3 X 5/16 rail)
3"= 1'-0"



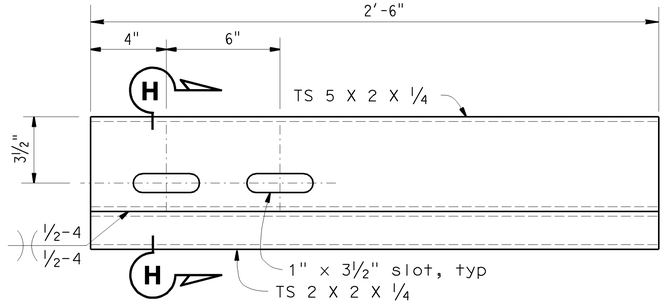
EXPANSION SLEEVE DETAIL

(For TS 3 X 2 X 3/16 rail)
3"= 1'-0"



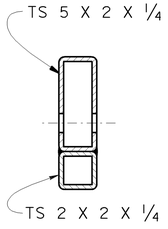
EXPANSION SLEEVE DETAIL

(For TS 8 X 4 X 5/16 rail)
3"= 1'-0"

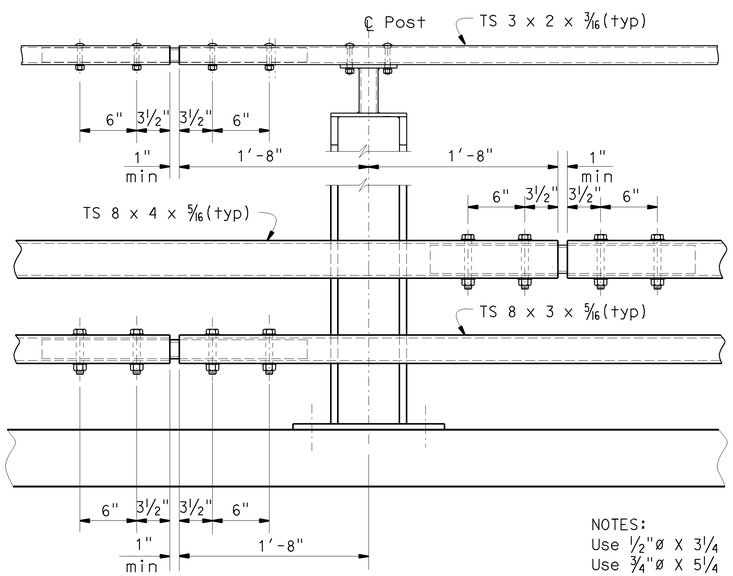


EXPANSION SLEEVE DETAIL

(For TS 8 X 3 X 5/16 rail)
3"= 1'-0"



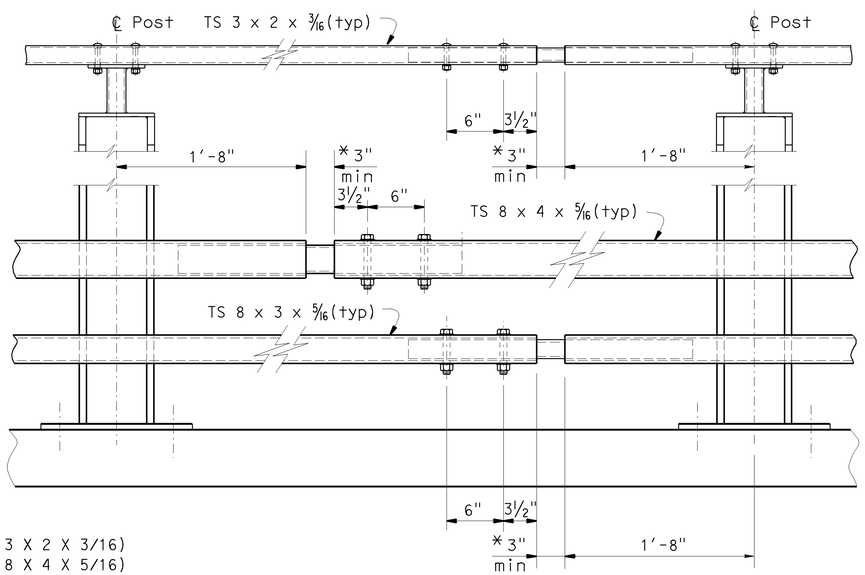
SECT H-H



STANDARD SPLICE

1½"= 1'-0"

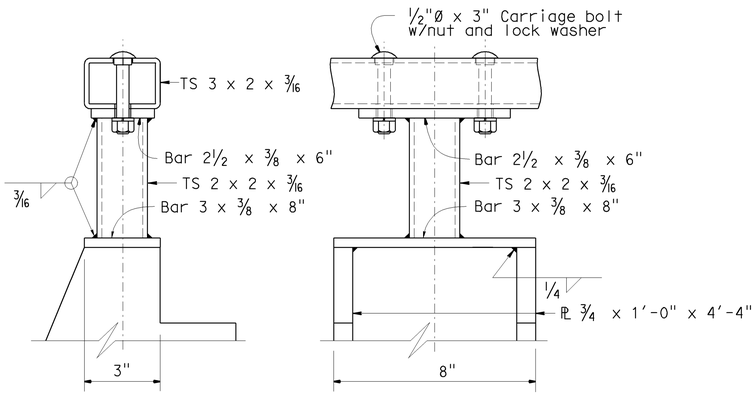
NOTES:
Use ½"ø X 3¼ (TS 3 X 2 X 3/16)
Use ¾"ø X 5¼ (TS 8 X 4 X 5/16)
Use ¾"ø X 4¼ (TS 8 X 3 X 5/16)
HS bolts with washers, wrench tightened
2 rails are not shown for clarity.



EXPANSION SPLICE

1½"= 1'-0"

* Match deck or wall joint.



RAIL CONNECTION DETAILS

NO SCALE

STANDARD DRAWING					
FILE NO. xs16-205-4e	APPROVED BY T SATTER (RESPONSIBLE TECHNICAL SPECIALIST)	RELEASED BY ROBERTO LACALLE (RESPONSIBLE OFFICE CHIEF)	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. / POST MILE
	APPROVAL DATE 4-27-09	RELEASE DATE 4-27-09			RAILING - STEEL TYPE ST-20S RAIL DETAILS NO. 4

DS OSD 2147A (ENGLISH STANDARD DRAWING "XS" BORDER REV. 01/11/08)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

CU EA

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET 4 OF 4

USERNAME => rwu

xs16-205-4e.dgn

DATE PLOTTED => 06-MAY-2009 TIME PLOTTED => 07:49