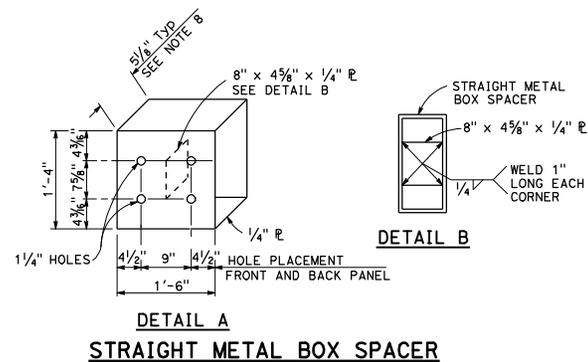
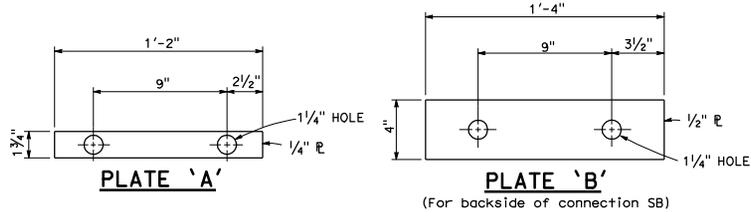


CONNECTION DETAIL HH See Notes 5
CONNECTION DETAIL FF See Notes 4

GUARD RAILING CONNECTION TO BRIDGE RAILING WITH SIDEWALKS



DETAIL A
STRAIGHT METAL BOX SPACER

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL SHEETS

Randell D. Hiatt
 REGISTERED CIVIL ENGINEER

May 20, 2011
 PLANS APPROVAL DATE

PROFESSIONAL ENGINEER
 No. CS0200
 Exp. 6-30-11
 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.

- NOTES:**
- See Standard Plan A77K1 for additional connection details to bridges with sidewalks.
 - Direction of adjacent traffic indicated by .
 - For additional details of Transition Railing (Type WB), see Standard Plan A77J4. Transition Railing (Type WB) transitions the 12 gage w-beam standard railing section of guard railing to a heavier gage nested three beam railing which is connected to the concrete bridge railing.
 - For typical use of Connection Detail FF, see Layout Types 12A and 12B on Standard Plan A77F1.
 - For typical use of Connection Detail HH, see Layout Types 12AA and 12BB on Standard Plan A77F4.
 - Where the bridge sidewalk is not continued beyond the end of the bridge railing, the portion of the sidewalk beyond each end of the bridge railing shall be transitioned down from the top elevation of the sidewalk, for its entire width, to the finished grade of the adjacent roadbed. The longitudinal slope of each sidewalk elevation transition shall not exceed 8.33 percent.
 - For details of End Cap (Type TC), see Standard Plan A77J4.
 - See Standard Plan A77J4 for additional details regarding depth dimension for straight metal box spacer.

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

METAL BEAM GUARD RAILING CONNECTIONS TO BRIDGE RAILINGS WITH SIDEWALKS
DETAILS No. 2

NO SCALE

A77K2

2010 STANDARD PLAN A77K2