

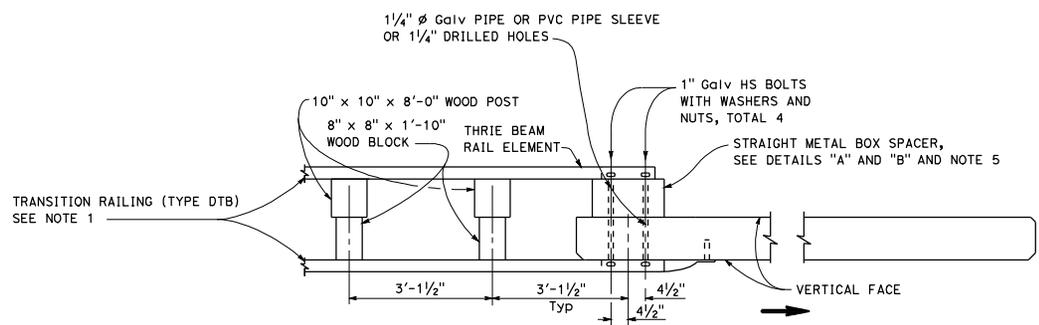
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

**Randell D. Hiatt**  
REGISTERED CIVIL ENGINEER

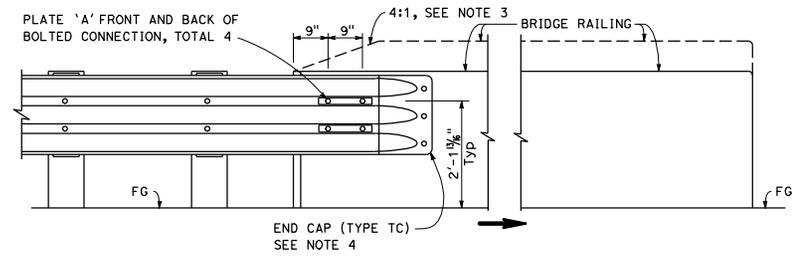
May 20, 2011  
PLANS APPROVAL DATE

**Randell D. Hiatt**  
No. C50200  
Exp. 6-30-11  
CIVIL  
STATE OF CALIFORNIA

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**PLAN**



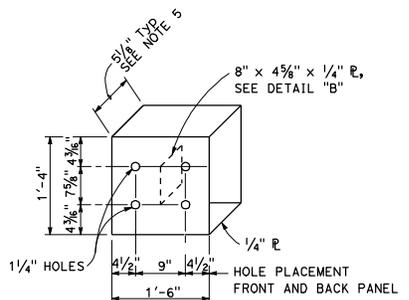
**ELEVATION**

**CONNECTION DETAIL 1A**  
See Note 2

**DOUBLE THRIE BEAM BARRIER CONNECTION TO BRIDGE RAILING WITHOUT SIDEWALK**

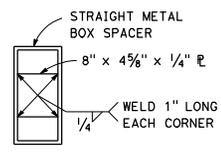
**NOTES:**

- For additional details of Transition Railing (Type DTB), see Standard Plans A78K. Transition Railing (Type DTB) transitions the standard 12 gage double thrie beam barrier to a heavier gage double thrie beam railing section then to a heavier gage nested double thrie beam barrier section which then is connected to the concrete bridge railing.
- For typical use of Connection Detail 1A, see Type 25A Connection Layout on Standard Plan A78H.
- Where the height of the bridge railing exceeds the height of the thrie beam railing by more than 1" at Connection Detail 1A, taper the top of the end of the bridge railing at 4:1 to match the top elevation of the thrie beam railing.
- For details of End Cap (Type TC), see Standard Plan A78C1.
- See Standard Plan A78K for additional details regarding depth dimension for straight metal box spacer.
- Direction of adjacent traffic indicated by →.

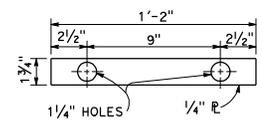


**DETAIL "A"**

**STRAIGHT METAL BOX SPACER**



**DETAIL "B"**



**DETAIL "C"**

**PLATE 'A'**

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**DOUBLE THRIE BEAM BARRIER CONNECTION TO BRIDGE RAILINGS WITHOUT SIDEWALKS**

NO SCALE

**A78F1**

2010 STANDARD PLAN A78F1