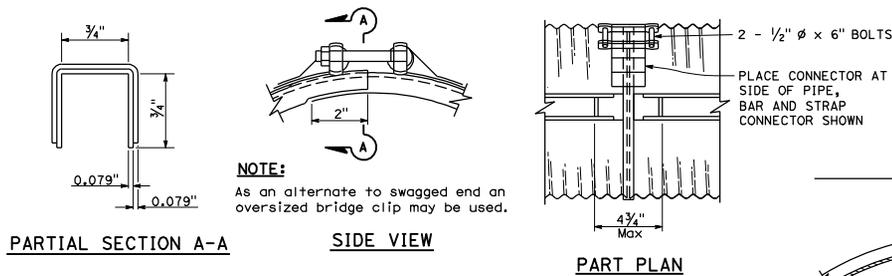
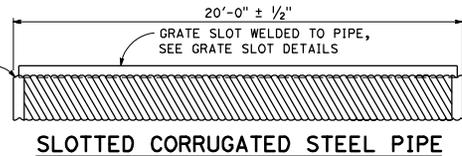
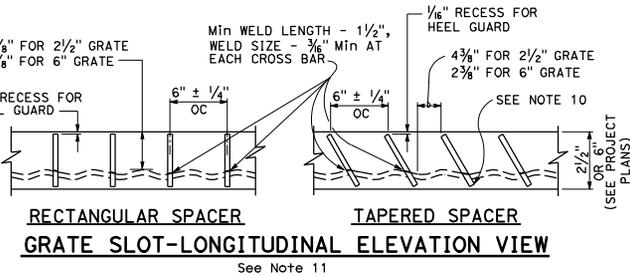
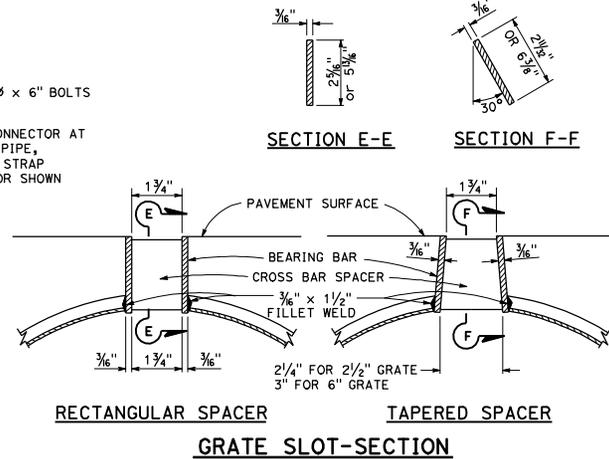
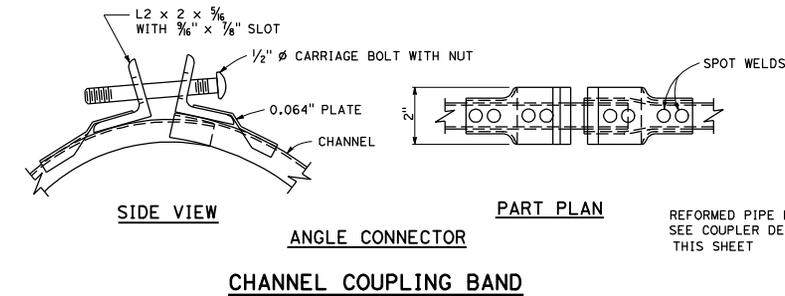


**MODIFIED HUGGER BAND**

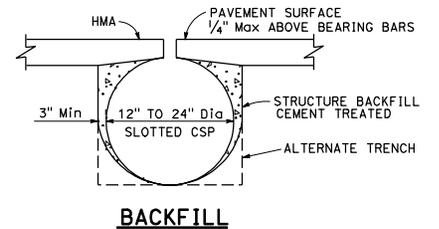


**BAR & STRAP CONNECTOR**  
 See Standard Plan D97A



**NOTES:**

1. Drain pipe seams may be continuous helical lock seam or helical weld seam.
2. Drain sections shall be assembled with either of the coupling bands shown.
3. The cross bar spacer shall be welded to the bearing bars in such a manner as to develop a minimum tensile strength of 12,000 LBS normal to the longitudinal axis of the bearing bars.
4. The maximum variance from a straight line between the extreme top corners of the bearing bars shall be 1/2" in 20'-0".
5. All coupling band connections shall be galvanized or coated in accordance with the Standard Specifications.
6. Spot welds shall develop minimum required strength of strap.
7. Dimensions shown are minimums.
8. Minimum pipe wall thickness is 0.064".
9. Use heel guard when specified.
10. Bottom edge of cross bar spacer offset in direction of flow.
11. Unless otherwise shown on the plans or specified in the special provisions, cross bar spacers shall be either rectangular or tapered at the contractor's option.



**SLOTTED CORRUGATED STEEL PIPE DRAIN DETAILS**  
 NO SCALE

**D98B**

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

Registered Civil Engineer  
 Glenn DeCou  
 No. C34547  
 Exp. 9-30-11  
 CIVIL  
 STATE OF CALIFORNIA

May 20, 2011  
 PLANS APPROVAL DATE  
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