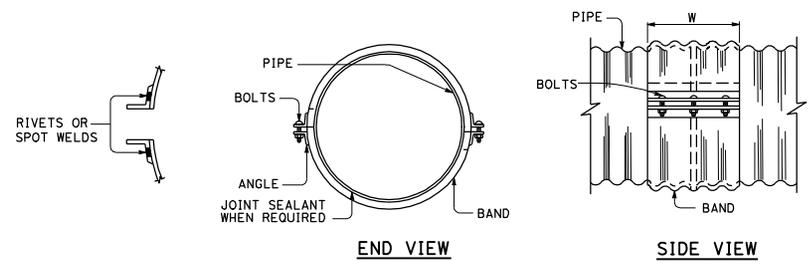


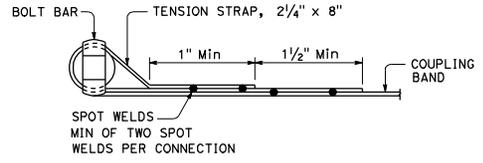
D16+	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

*Glenn DeCou*  
 REGISTERED CIVIL ENGINEER  
 May 20, 2011  
 PLANS APPROVAL DATE  
 No. C34547  
 Exp. 9-30-11  
 CIVIL  
 STATE OF CALIFORNIA  
 REGISTERED PROFESSIONAL ENGINEER

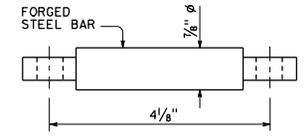
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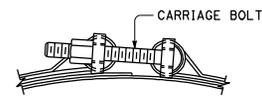
**ANNULAR BAND**



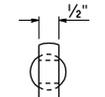
**STRAP DETAIL**



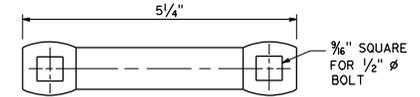
**TOP VIEW**



**BOLT DETAIL**



**LEFT SIDE VIEW**

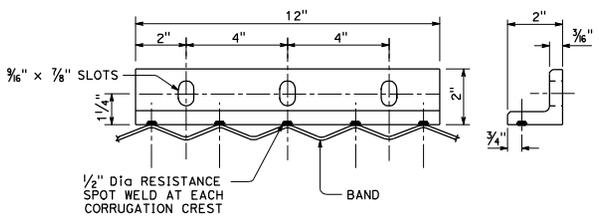


**FRONT VIEW**

**BAR AND STRAP CONNECTOR**

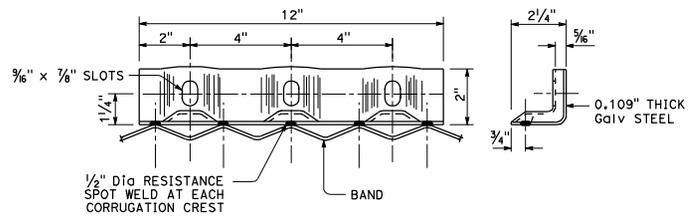
**NOTES:**

1. All ferrous metal coupling band connection hardware shall be galvanized or electroplated in accordance with the Standard Specifications.
2. Dimensions and thicknesses shown are minimum.
3. Spot welds shall develop minimum required strength of strap.
4. Fillet welds of equivalent strength may be substituted for spot welds or rivets.



**ANGLE CONNECTORS**

**2" x 2" x 3/16" ANGLE**  
 See tables on Standard Plans D97E, D97F and D97G for width, W=12" shown.



**ANGLE CONNECTORS**

**DIE-FORMED ANGLE**  
 See tables on Standard Plans D97E and D97G for width, W=12" shown.  
 Alternate only for standard joints on pipes through 72" diameter and downdrains through 24" diameter.

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**CORRUGATED METAL PIPE  
 COUPLING DETAILS No. 1  
 ANNULAR COUPLING BAND BAR  
 AND STRAP AND  
 ANGLE CONNECTIONS**

NO SCALE

**D97A**