**DECK AND SOFFIT OPENINGS**

**NO SCALE**

**ALL AROUND SOFFIT**

**BOLT HINGE ANCHORAGE**

**ANCHORAGE BOLT**

**RECESS HOLE**

2 PER HINGE

**OP**

**OT**

**IN**

**AL**

**L type**

**TACK WELD AT THIS LOCATION ONLY**

**PIPE BACKING**

**CONCRETE CLOSURE**

**STUD**

**EDGE OF PLATE**

NOTES:

- REMOVE EXISTING REINFORCEMENT FLUSH WITH CONCRETE AND COAT END WITH ZINC RICH PRIMER
- CHIP EXISTING CONCRETE PLACEMENT OF CONCRETE CLOSURE
- APPROXIMATELY 2" PRIOR TO 2" LONG SPLIT
- EDGE OF 2'-0" X 2'-0" 2'-0" Ø CORED HOLE
- MINIMUM Ø OVERSIZED HEAD COUNTERSUNK Ø INTO PLATE
- 45°

**75%**

**NOTE:**

**SECTION A-A**

**Hinge Anchorage Detail**

**Plan**

**Detail A**

**Temporary Deck Cover Plate**

**Deck Closure**

**Notes:**

1. Non-removable pin in hinge
2. Hinge assembly to be galvanized, brass or stainless steel
3. Use thread locking system for all hinge nuts
4. Hinge assembly to be minimum 3/16" thick

**California State of Department of Transportation Engineering Services Division of Original Scale In Inches For Reduced Plans**

**Bridge Standard Details**

**287-110**

**July 2014**

**FILE NO.**

**USERNAME**

**TIME PLOTTED**

**DATE PLOTTED**

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**REFER TO:**  http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-xsl-7-110.html

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