**BOX ON BARRIER FACE DETAIL**

**ELEVATION B-B**

- **16 Ga Sheet Steel**
- **L2 1/2" X 2" X 3/8"**
- **5/8" (Typ)**
- **3/8" Cover**

**SECTION B-B**

- **1" Dia Drain (Bridge Deck Appl Only)**, Required Routing Depends on Bridge Type. End of Drain on Inside of Box Shall Include a Screen to Prevent Insects Entry into the Box

**SPECIAL NOTE:***

1. These junction boxes should only be used if there is no other reasonable alternative to provide access to conduits. The box shall only be applied to concrete barrier shape that is compatible.

2. Interface between angle and concrete shall be sealed with a 25-year silicone caulk.

3. See sheet 2 of 2 for other requirements.

**NOT TO SCALE**

**DETAIL A**

- **1/2" Dia X 6" Long Headed Stud**
- **L2 1/2" X 2" X 3/8"**
- **1/2" X 3/8" Bar**
- **Drill and Tap Angles For 1/8" Dia Screws**
- **Bend Cover to Match Barrier Face**
- **Drill and Tap Angles For 1/8" Dia Screws**
- **Seal with Caulk**
- **Top of Deck Slab**
- **L3" X 2" X 3/8"**
- **Provide Openings for Conduits as Required**
- **Smooth Finish and Slope to Drain (Bridge Deck Appl Only)**

See Plans for Conduit Sizes and Locations, Standard Minimum Size Is 2" Conduit for Main Runs