1. Concrete shall be Class 4000.
2. Remove slack between barrier segments after inserting the connecting pin.
3. See Standard Plan C-60.10 for barrier transition anchoring details. See Standard Plan C-60.10 and C-60.70 for anchoring Type F Barrier adjacent to the transition.
4. Provide 2" (in) minimum concrete cover over reinforcing steel except for areas noted on plans.
5. Connecting Pin head designs vary among different manufacturers. Pin designs that are shaped differently than those shown in the detail are acceptable, if the bearing surface is within the minimum and maximum widths specified.

**NOTES**

**CONNECTIONS**

- See Typical Barrier Pin Loop Detail - This Sheet
- Only Required on Traffic Side of Barrier
- QTY. = 3 BARS EXCEPT THAT CHROMATE HOT DIP GALVANIZE AFTER TREATMENT IS OPTIONAL FABRICATION PER ASTM A767, HOT DIP GALVANIZE PER ASTM A36, FORGED HEAD PIN ASTM A449, WELDED WASHER PIN ASTM F2329.
- Connecting Pin Head Designs vary among different manufacturers.

**WELDED WASHER DETAIL**

- See Note 5
- Alternate Pin Assembly Detail
- 1" Diameter Per Standard Plan C-60.50-00
- Pin Loop Bar Detail
- 3/4" Dia., Loop Bar Per ASTM A36, Hot Dip Galvanize After Fabrication Per AASHTO M 111
- Connecting Pin Head Design

**REINFORCING STEEL BENDING DIAGRAM**

- QTY. = 8 BARS
- QTY. = 4 BARS
- QTY. = 4 BARS
- QTY. = 4 BARS
- QTY. = 2 BARS

**CONNECTING PIN ASSEMBLY DETAIL**

- 1/4" Min. to 2.12" Max.
- 1 1/8" Dia. Hole
- 2" Min.
- Hot Dip Galvanize After Fabrication Per ASTM A449
- Forged Head Pin ASTM A36, Hot Dip Galvanize After Fabrication Per AASHTO M 111

**CONNECTING PIN WASHERS DETAIL**

- 1/8" Min. to 1/4" Max. Thick
- 1/16" Dia. Pin
- Round Bottom Edges

**BRIDGE BARRIER CONNECTION DETAIL**

- Pine Slot Bar Detail
- Pins Slot Bar
- Hot Dip Galvanize After Fabrication Per ASTM A36, Hot Roll
- QTY. = 3 BARS
- QTY. = 8 BARS
- QTY. = 8 BARS
- QTY. = 8 BARS
- QTY. = 8 BARS

**REINFORCING STEEL BENDING DIAGRAM**

- Longitudinal Bar
- Stirrup Bar A
- Stirrup Bar B
- Pin Slot Bar
- Loop Bar Detail
- Dowel Bar

**CONNECTIONS**

- See Note 2
- End A
- End B

**CONNECTIONS**

- See Note 2