NOTES
1. Concrete shall be Class 5000.
2. Remove slack between barrier segments after inserting the connecting pin.
3. See Standard Plan C-60.10 and C-60.70 for anchoring the Type F barrier adjacent to the transition.
4. Provide 2" (in) minimum concrete cover over reinforcing steel, except for areas noted on plan.
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.

1.9/16" (~) 33 3/4"
3/4" DIAM. LOOP BAR

LONGITUDINAL BARS
NOTE: STEEL WELDED WIRE REINFORCEMENT DEFORMED FOR CONCRETE MAY BE SUBSTITUTED FOR REINFORCING STEEL IN ACCORDANCE WITH STANDARD SPECIFICATION, SECTION 6-10.3

1. Field bend as required in transition to maintain 1 1/2" min. clearance.

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1. Concrete shall be Class 5000.
2. Remove slack between barrier segments after inserting the connecting pin.
3. See Standard Plan C-60.10 and C-60.70 for anchoring the Type F barrier adjacent to the transition.
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1. Field bend as required in transition to maintain 1 1/2" min. clearance.
**Connecting Pin Assembly Detail**

1. **Welded Washer Pin**
   - Connection Blockout
   - Center Grid in Connection Blockout and Fill Void with Grout
   - #8 Bar (Typ.)
   - #6 Bar (Typ.)
   - #6 Bar (Typ.)
   - 3/8" (In) Premolded Joint Filler

2. **Forged Pin (Alternative)**
   - Connection Blockout
   - #8 Bar (Typ.)
   - #6 Bar (Typ.)
   - #6 Bar (Typ.)

**General Notes**
- #8 Bar (Typ.)
- #6 Bar (Typ.)
- 3/8" (In) Premolded Joint Filler

**Fabrication**
- Hot Dip Galvanize After Fabrication Per ASTM F2329

**Rebar Grid**
- See Note 8

**Welding**
- Tack Weld (Typ.)
- 3/8" (In) Premolded Joint Filler

**Dimensions**
- 1/8" Min. to 1/4" Max. Thick
- 1 1/16" Dia. Hole
- 1" Dia. Pin W/ Rounded Bottom Edges

**Joining Two Barrier Segments - End A**
- Type F Barriers Shown

**State Design Engineer**
- Washington State Department of Transportation

**Approval**
- Aug 17, 2021
- Sheet 2 of 2 Sheets

**Standard Plan C-60.45-00**

**Type F to Precast Single-Slope Barrier Transition (Precast)**