1. Concrete shall be Class 5000.
2. Remove slack between barrier segments after inserting the connecting pin.
3. Provide 2" minimum concrete cover over reinforcing steel, except as noted on the plan.
4. 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.

NOTE
1. Concrete shall be Class 5000.
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CONNECTING PIN DETAIL
3/4" DIAM.

TOP
- 2" CLEAR (TYP.)
- 3/4" CHAMFER (TYP.)

SIDE
- 3/4" CHAMFER (TYP.)
- 2" CLEAR (TYP.)

NOTE
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CONNECTING PIN ASSEMBLY DETAIL
1" DIAMETER PER ASTM A449
HOT DIP GALVANIZE AFTER FABRICATION PER ASTM F2329

FORGED HEAD PIN
SEE NOTE 4 (ALTERNATIVE)

CONNECTING PIN WASHER DETAIL
ASTM A572, GRADE 50

WELDED WASHER PIN
FORGED HEAD PIN
SEE NOTE 4 (ALTERNATIVE)

REINFORCING STEEL BENDING DIAGRAM

HORIZONTAL BAR
- QTY. = 1 BAR
- 1/8" FLANGE
- 1/8" MIN. TO 1/4" MAX. THICK WASHER
- 11/16" DIAM. CX)
- TOP HOLE
- 1" DIA. PIN W/ ROUNDED BOTTOM EDGES
- ELEVATION
- BOTTOM EDGES
- CONNECTING PIN WASHER DETAIL
- ASTM A572, GRADE 50

VERTICAL BAR
- QTY. = 1 BAR
- 33 3/4" TO 34 3/4"
- 1" R
- LOOP BAR DETAIL
- 3/4" DIA. LOOP BAR PER ASTM A36, HOT ROLL
- HOT DIP GALVANIZE AFTER FABRICATION PER AASHTO M 111
- QTY. = 4 BARS

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CONNECTING PIN - SEE DETAIL THIS SHEET

END DETAIL
JOINING TWO BARRIER SEGMENTS