STEEL ANCHOR BASES

ALUMINUM ANCHOR BASES

ON CONCRETE FOUNDATION
(Vermin Guard Required, See Note 7)

ON MEDIAN BARRIER
(Vermin Guard Required, See Note 7)

TOP OF TRANSFORMER BASE

BOTTOM OF TRANSFORMER BASE

ON CONCRETE FOUNDATION

ON MEDIAN BARRIER
(Not 1)

STEEL TRANSFORMER BASES

ALUMINUM TRANSFORMER BASES

NOTE:

1. For median-mounted poles, Pole Base Plate and Anchor Bolt dimensions will be modified as indicated on Standard Construction Drawing (SCD) HL-20.13.

2. For pole grounding depleted see SCD HL-60.11.

3. Breakaway bases shall not be used under poles in excess of manufacturer's rated limits for base.

4. Cast aluminum transformer bases shall not be used where overhead wiring is required.

5. For poles mounted on poles on bridge parapets, the anchor bolt shape and length will be modified as indicated in the structure plans.

6. Anchor bolts shall be headed or nutted per SCD HL-20.13. L-bands shall not be used.

7. Attach vermin guard with stainless steel band and 3/4" overlap. For overlapping screens with stainless steel wire, guard shall be solid sheet, welded wire mesh or expanded metal sheet, stainless steel or galvanized, with openings no larger than 1/8".

8. On or above grade shall have vermin guard. Steel transformer bases do not.

9. Use shims of aluminum for plumbing, or other material as approved by the pole manufacturer. Plumbing tolerance: +/- 1/2 degree. Only aluminum anchor bases may be mounted flush to the concrete without shimming.

10. Coordinate with pole manufacturer to determine required bolt circle, bolt diameter, and bolt length. Bolt circle and diameter should match one of the combinations given in the Connector Bolts column of the table above. Minimum anchor bolt length is given in the Anchor Bolts column of the tables.

11. Cast aluminum transformer bases shall not be used under poles in excess of manufacturer's rated limits for base. Breakaway bases shall not be used under poles in excess of manufacturer's rated limits for base.

For pole grounding depleted see SCD HL-60.11.

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