Alternate details for Type B barrier (SBC):

1. Replace example Plan of Slab Showing Slab Drain Location with actual plan.
2. Verify slab drain does not block vent pipes in box beam.
3. Use half of the beam depth.
4. Beam manufacturer determines required distance between inserts with coordination between contractor and drain supplier.

Standard Drawing Guidelines (do not show on plans):

1. Maintain 1" (min.) clearance at End Bent No. 1.
2. Steel or FRP slab drains may be fabricated of either 1/4" structural steel tubing or from 1/4" structural steel tubing.
3. Slab drains may be fabricated of either steel or FRP slab drains. Contractor shall have the option to construct either steel or FRP slab drains.
4. Slab drain bracket assembly shall be ASTM Class C.
5. Slab drain bracket assembly attachment shall be located on the prestressed beam shop drawings.
6. Reinforcing steel shall be shifted to the prestressed beam fabricator.
7. The method of cutting FRP slab shall be uniform throughout the resin and any coating used.
8. Drains may have an exterior wall made of ultraviolet (UV) resistant and/or have UV inhibitors mixed into the resin.
9. The resin used shall be ultraviolet (UV) resistant and/or have UV inhibitors mixed into the resin.
10. The combination of materials used in the coating used.
11. The representative material shall be tested for minimum requirements specified in AASHTO M 232 (ASTM A153), washers and nuts shall be galvanized in accordance with Federal Standard 26373. The color shall be uniform throughout the resin and any coating used.
12. Drains shall be machine filament-wound to the outside nominal dimensions of 8" x 4".
13. Minimum reinforced wall thickness shall be 8" (nom.).
14. Shape of drains shall be rectangular with the following exceptions:

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- Minimum reinforced wall thickness shall be 8" (nom.).
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