1. Use coated deformed carbon reinforcing steel bars conforming to AASHTO M 31 grades 60 and 80.
2. Use Type I cement (low alkali).
3. Use class AA (A) concrete.
4. Provide 2 inch concrete cover to reinforcing steel.
5. See roadway plans for centerline location, size of pipe, and cover.
6. Center pipe in box opening, use approved non-shrink grout to seal opening, embed pipe in grout as recommended by manufacturer.
7. Provide a 1 inch chamfer on all sharp corners.
8. See schedule of installation for number, location, and size of pipe.
9. Provide 2 inch concrete cover to reinforcing steel.
10. Use 8 inch length, #4 rebar @ 8 inch O.C. max, and #2 for 3 inch O.C.
11. Use standard construction methods for curb and gutter application. See general notes for details.