GENERAL NOTES:
1. Install conduit in accordance with Specification 630.

2. When installing conduit under sidewalk by open trench, replace the entire sidewalk slab.

3. Trench not to be open more than 250' at a time when construction area is subject to vehicular or pedestrian traffic.

4. Sawcut asphalt at the edges of the trench to leave neat lines.

5. Elevations are given for points of interest such as the curb, gutter, and sidewalk.

6. Pull boxes are located at various points along the conduit, as indicated in the plan and elevation views.

7. Conduit installation details are provided in the plan and elevation views.

8. General notes are included to ensure proper installation and safety during the construction process.

9. The process includes sawcutting asphalt, installing conduit, and replacing sidewalk slabs when necessary.
PLACEMENT WITHIN THE UTILITY STRIP

PLACEMENT UNDER SIDEWALK

PLACEMENT BEHIND GUARDRAIL

PLACEMENT IN FRONT OF GUARDRAIL

VERTICAL CLEARANCE NOTE:
Maintain 1'-0" minimum vertical clearance when crossing over pipe and utilities. If minimum vertical clearance cannot be maintained, conduit is to be routed under pipe maintaining 1'-0" minimum vertical clearance.

CONDUIT INSTALLATION DETAILS
NOTES:
1. Pavement Removal: The removal and replacement of the additional pavement width (i.e., 6" Width either side of trench) will not be required when the trench can be constructed without disturbing the asphalt surface on either side.

2. Placement Under Existing Pavement: Place conduit prior to installation of base and pavement, unless otherwise shown in the Plans or approved by the Engineer.

CONDUIT INSTALLATION DETAILS

PLACEMENT NOT EXPOSED TO VEHICULAR TRAFFIC

PLACEMENT UNDER NEW ROADWAY PRIOR TO INSTALLATION OF BASE AND PAVEMENT

NOT ADJACENT TO GUTTER

ADJACENT TO GUTTER
**Below Existing**

1. Where conduits are to be installed over existing underground structures (e.g., drainage pipes or utility lines) which are less than 2'-6" deep, encase the conduit in Class NS concrete for the entire length of conduit that is installed at a depth of less than 2'-6" deep. [Concrete (See Note 1)]

2. Place 3" Warning Tape when new conduit is installed at a depth of 1'-0" or greater, and the new conduit is not encased in concrete. [3" Warning Tape (See Note 2)]

**Above Existing - Depth 2'-6" or Greater**

**Above Existing - Depth 2'-6" or Less**

**Placement Across Existing Drainage Pipes or Utilities**

**Placement Under Railroad**

**Notes:**

1. Where conduits are to be installed over existing underground structures (e.g., drainage pipes or utility lines) which are less than 2'-6" deep, encase the conduit in Class NS concrete for the entire length of conduit that is installed at a depth of less than 2'-6" deep. [Concrete (See Note 1)]

2. Place 3" Warning Tape when new conduit is installed at a depth of 1'-0" or greater, and the new conduit is not encased in concrete. [3" Warning Tape (See Note 2)]