Conduit Installation Details

**FIGURE A**

- Finished Grade
- Conduit
- Tamped Or Undisturbed Material
- Asphalt
- Concrete

**FIGURE B**

- Finished Surface Of Roadway
- Conduit
- Tamped Or Undisturbed Material
- Backfill And Tamp
- Flowable Fill
- Roadway
- Sidewalk

**FIGURE C**

- Conduit Located Behind Guardrail
- Conduit Located In Front Of Guardrail
- Slope May Vary
- Conduit (6"
- Drainage Pipe Beneath Roadway And / Or Utilities

**FIGURE D**

- Finished Grade
- 8"
- Conduit
- Tamped Or Undisturbed Material
- Backfill And Tamp

**FIGURE E**

- Finished Surface Of Roadway
- Curb & Gutter
- RW
- See Note 3

**FIGURE F**

- Width Of Trench
- Conduit
- Base
- Flowable Fill

**Notes:**
1. Sidewalk patches to match existing joints.
2. Entire sidewalk slab must be replaced when specified in the plans.
3. Backfill and tamp with material from trench except at driveways. At driveways, backfill a length of trench within the driveway entirely with Flowable Fill.

*May be adjusted due to field conditions upon approval of project engineer.

**Note:**
- Rigid conduit must be used when jacking under existing pavement at 36" minimum depth.
- Asphalt to be sawcut at the edges of the trench.
- See note 3, Figure C.
- Entire sidewalk slab must be replaced when construction area is subject to vehicular or pedestrian traffic.
- Trench not to be open more than 250' at a time.
- Min. 36" Or As Directed

**CONDUIT INSTALLATION DETAILS**

**INDEX 630-001**

**FY 2018-19 STANDARD PLANS**

**DESCRIPTION:**

- FOR USE IN AREAS NOT EXPOSED TO VEHICULAR TRAFFIC
- FOR USE IN ASPHALT ROADWAY ADJACENT TO GUTTER WHEN PLACEMENT OUTSIDE OF THE PAVEMENT IS NOT FEASIBLE
- FOR USE IN INSTALLING CONDUIT UNDER EXISTING ASPHALT PAVEMENT NOT ADJACENT TO GUTTER WHEN JACKING OR DIRECT BORING IS NOT FEASIBLE
- FOR USE IN INSTALLING CONDUIT UNDER A NEW ROADWAY PRIOR TO INSTALLATION OF BASE AND PAVEMENT
- FOR USE IN INSTALLING CONDUIT UNDER SIDEWALK

**LAST REVISION:**

- 01/01/17

**REVIEW:**

- FDOT

**SHEET 1 of 2**
PULLBOX ENTRY OF CONDUIT UNDER SIDEWALKS

FIGURE A

CONDUIT INSTALLATION DETAILS ACROSS EXISTING DRAIN PIPES OR UTILITIES

FIGURE B

FIGURE C

GENERAL NOTES:

1. The contractor, with approval from the Engineer, may adjust the final burial depth of the conduit(s) in order to transverse nonmovable object conflicts.

2. Backfill with excavated material and compact the soil until firm and unyielding. Remove rock and debris from backfill material.

3. Where conduits are to be installed over existing underground structures (e.g., drain pipes or utility lines) which are less than 30" deep, the contractor shall encase the conduit in 2500 PSI Class I concrete for the entire length of conduit that is installed at a depth of less than 30".

4. If the amount of cover over the encasement is less than 6", the contractor shall install the conduit to pass below the underground structures (e.g., drain pipes).