### Index 630-001 Conduit Installation Details

### **Design Criteria**

National Electrical Manufacturers Association (NEMA), National Fire Protection Association, NFPA 70® National Electric Code (NEC), and National Electrical Safety Code (NESC)

## **Design Assumptions and Limitations**

Index 630-001 provides requirements for installation of buried (i.e., underground) conduits used for Department signing, lighting, and signalization. See Specification 630 for additional requirements. For conduit installed in conjunction with Intelligent Transportation Systems (ITS), see FDM 233.

For embedded conduits (i.e., conduit installed within concrete barriers or traffic railings), see applicable barrier/railing **Standard Plans**. Use buried conduits in accordance with **Index 630-001**, and other applicable **Standard Plans** (e.g., **Index 715-002**, **Standard Aluminum Lighting**) for all conduits except for embedded conduits in bridge traffic railings or retaining wall mounted concrete barriers. See **Index 630-010** and associated **Standard Plans Instructions** for additional information on embedded conduits.

#### **Plan Content Requirements**

For each run of conduit place a call-out in the Plans which includes the pay item, # of runs, and the length of the run. The default diameter for buried conduits is 2 inches. All other diameters should be noted in the call-out. For example:

- 630-2-11 (2 runs of 4" @100'), or
- 630-2-11 (2 runs @ 90').

# **Payment**

Item number	Item Description	Unit Measure
630-2-AB	Conduit	LF

See the **BOE** and **Specifications** for additional information on payment, pay item use and compensation.