# 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.