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.