

**802.06. BASIS OF PAYMENT.**

Accepted quantities of electrical conduit, measured as provided above, will be paid for at the contract unit price as follows:

(A)	GALVANIZED STEEL ELECTRICAL CONDUIT .....	LINEAR FOOT (METER)
(B)	PLASTIC CONDUIT .....	LINEAR FOOT (METER)
(C)	ALUMINUM CONDUIT .....	LINEAR FOOT (METER)
(D)	JUNCTION BOX .....	EACH

Such payment shall be full compensation for furnishing all materials, equipment, labor, and incidentals to complete the work as specified.

## **SECTION 803 PULL BOXES**

**803.01. DESCRIPTION.**

This work shall consist of furnishing materials and installing the pull boxes in accordance with these Specifications and in reasonably close conformity with the locations and dimensions shown on the Plans or established by the Engineer.

**803.02. MATERIALS.**

Materials used shall meet the requirements specified in the following Subsections of Section 700 - Materials:

Concrete Pull Boxes	739.01
Plastic Pull Boxes	739.02

**803.04. CONSTRUCTION METHODS.**

Pull boxes shall be of the sizes shown on the Plans and as herein specified. The pull box locations may be revised to fit existing field conditions or to better facilitate the installation of the conduit system with approval of the Engineer.

- (a) **Installation.** Install all pull boxes on a bed of crushed rock as shown on the Plans.

When installing pull boxes in sidewalks or other surfaced areas, make the tops of pull boxes flush with the finished surface. When practical, place pull boxes shown in the vicinity of curbs adjacent to the back of the curb and flush with the top of the curb.

When installing pull boxes in the ground, make the tops of the pull boxes flush with the top of the ground or no greater than 1 inch (25 mm) above the ground. Provide all pull boxes not installed in surfaced areas with concrete aprons, unless otherwise specified by the Engineer. Include aprons in the cost of pull boxes.

Install conduits entering pull boxes as shown on the Plans and in accordance with Section 802. When called for on the Plans, provide pull box extensions of the same material as the pull box and attach it to the pull box so that it will maintain the required depth without separation of the assembly.

- (b) **Cover and Markings.** Mark pull box covers with the appropriate legend of “Highway Lighting” or “Street Lighting” when they’re used for lighting conductors only, or “Traffic Signal” when they’re used for traffic signal conductors with or without lighting conductors. Make the letters between 1 inch and 3 inches (25 and 75 mm) tall. Cast the legend with the cover so that it’s clearly defined, of uniform depth or height, and placed parallel to one side of the cover. When the conductor voltage is greater than 600 volts, add the words “High Voltage.”

Equip the cover, which shall have a non skid surface, with a recessed molded lifting eye and recess hold-down bolts.

- (c) **Ground Rod.** If specified, install a copperweld ground in accordance with the details and at the locations shown on the Plans.

**803.05. METHOD OF MEASUREMENT.**

The *pull boxes* of the size and type specified will be measured by each unit installed. Each pull box unit shall include cover, extension, ground rod, concrete apron, crushed rock, excavation, and backfilling, necessary to construct and install pull boxes as shown on the Plans.

**803.06. BASIS OF PAYMENT.**

Accepted pull boxes, measured as provided above, will be paid for at the contract unit price as follows:  
 PULL BOX.....EACH

Such payment shall be full compensation for furnishing all materials, equipment, labor, and incidentals required to complete the work as specified.

**SECTION 804  
 CONCRETE FOOTINGS**

**804.01. DESCRIPTION.**

This work shall consist of furnishing materials and installing concrete footings for traffic control devices in accordance with these Specifications and in reasonably close conformity with the locations and dimensions shown on the Plans or established by the Engineer.

**804.02. MATERIALS.**

Materials used shall meet the requirements specified in the following Sections of Section 700-Materials and AASHTO Specifications:

Portland Cement Concrete, Class A	701
Reinforcing Steel	723
Electrical Conduit	709
Anchor Bolts and Nuts	AASHTO M 183
Galvanizing (Bolts, Nuts & Washers)	AASHTO M 232