

Conduit under sidewalk

Where conduit is installed in sidewalk areas, the work shall include excavating and backfilling of trenches, including necessary compaction and full width replacement of sidewalk in kind. At these locations, No separate payment shall be made for this work, but all costs in connection therewith shall be included in the price for Item 804.03. Payment for sawcutting and excavation shall be included in the unit bid price.

Conduit Crossing Roadways (areas of overlay)

Trenches in existing bituminous concrete pavements not subject to full depth reconstruction shall be sawcut to an 18 inch width. The existing pavements shall be sawcut through their full depth and the pavement removed. After conduit installation, the trench shall be backfilled with controlled density fill (CDF). CDF shall be Type 2E and shall be as specified in Section M4.08.0 of the Standard Specifications. The finished grade of the CDF shall be to the plane of the bottom of the reclaimed base course material, whichever method of construction is shown on the plans. If the existing pavement is to be resurfaced, then the CDF shall be to the plane of the bottom of the binder course. Where conduit crosses roadways, no separate payment shall be made for sawcutting excavation, Controlled Density Fill, binder course or top course or any incidental materials, but all costs in connection therewith shall be included in the Contract unit price per linear foot for Item 804.03.

ITEM 811.31

PULL BOX 12-in x 12-in - SD2.031

EACH

Work under these items shall conform to the relevant provisions of Section 800 and the following:

The work shall consist of furnishing and installing electrical handholes for electrical connections in pavement, sidewalk, median, and planted areas. All handholes proposed in the roadway must be installed with heavy-duty frame and cover, capable of sustained loading of H-20 or better in conformance with the Standard Specifications for Highways and Bridges, at no additional cost. Where 3 inch interconnect or signal conduit enters a handhole, the bottom of the conduit shall be 3 inches beneath the finished grade. Where 1 ½ inch loop lead-in conduit enters a pull box, the top of the conduit shall be 18 inches below finished grade. The cost to sawcut existing sidewalk, and to repair and/or replace damaged sidewalk and pavement surfaces (cement and bituminous concrete) as a result of handhole or pull box installation shall be considered incidental to these items.

The contractor shall excavate at locations of proposed handholes to a depth necessary to locate the existing conduit. The contractor shall then sawcut the existing conduit and provide adequate fittings and adjustments to provide sweeps into the new handhole, at a grade appropriate for the final location of the handhole based on the details provided in the plans. The handhole shall be installed according to the Standard Specifications for Highways and Bridges and shall be placed at a finished grade level with the pavement or sidewalk surface. Only controlled density fill (CDF) shall be used to backfill locations where electric handholes have been installed. No handholes shall be installed other than shown on the plans, specifically to avoid installation of handholes in gutters which will result in flooding of the electrical appurtenances. Payment for Item 811.31 shall be at the contract