

**SECTION 11.07
PEDESTRIAN PUSH BUTTON**

11.07.01--Description: This item shall consist of furnishing and installing pedestrian push buttons of the type specified at the location shown on the plans or as indicated by the Engineer and in conformity with these specifications.

11.07.02--Materials: The materials for this work shall conform to the requirements of Article M.16.08.

11.07.03--Construction Methods:

A push button advisory sign 230 mm by 300 mm shall be attached to the saddle as indicated in the case of a pole or pedestal mounted push button or directly to the controller cabinet in the case of a surface mounted push button installed on the side of a controller cabinet. The push button and sign shall be installed on the crosswalk side of a pole or pedestal perpendicular to the direction of walking. On a controller cabinet, the push button and sign shall be surface mounted on the side of the controller cabinet nearest to the crosswalk.

A 3 mm Aluminum Backing Plate measuring 230 mm X 300 mm shall be used with all pole or pedestal-mounted advisory signs that have a push-button casting which is smaller in dimension than the 230 mm X 300 mm sign that is being attached. The backing plate shall conform exactly to the shape of the sign.

When the push button casting is as large as the 230 mm X 300 mm sign being attached, the aluminum backing plate will not be required.

When surface mounted on a controller cabinet, the sign shall be attached by drilling and tapping four holes, corresponding to the holes in the sign, for 10-32 machine screws, and mounting the sign with four 13 mm-10-32 brass or stainless steel machine screws. Care is to be taken in drilling and tapping not to damage any wiring or equipment in the cabinet, including the terminal blocks. The push button shall be similarly mounted, using machine screws of proper size and length to conform with the requirements of the push button. A suitable hole, properly reamed or smoothed to eliminate rough edges, shall be drilled in the cabinet to match the comparable opening in the back of the push button base through which the lead wires are run.

All buttons shall be furnished with enough No. 16 AWG THWN or THHN stranded wire to make a connection in the walk fixture or in the base of the 1.3 m Aluminum pedestal whichever applies.

11.07.04--Method of Measurement: The quantity to be paid for under this item will be the number of pedestrian push buttons, of the type specified installed, operating and accepted.

11.07.05--Basis of Payment: This work will be paid for at the Contract unit price each for "Pedestrian Push Button and Sign, Pole-Mounted," "Pedestrian Push Button and Sign, Pedestal Mounted," or "Pedestrian Push Button and Sign, Surface-Mounted," as the case may be, which price shall include push button, advisory sign, saddle, wire, all material, equipment, paint, painting, tools, labor and work incidental thereto.

Pay Item	Pay Unit
Pedestrian Push Button and Sign (Type)	EA.