

SECTION 665 PEDESTRIAN DETECTOR ASSEMBLY

665-1 Description.

Install pedestrian detector assembly.

665-2 Materials.

Use only an ADA (Americans With Disabilities Act) compliant pedestrian detector assembly listed on the Department's Approved Product List (APL). Ensure that all pedestrian detectors are marked in accordance with Section 603 and the markings are visible after installation.

665-3 Installation.

Meet the requirements of 653-3.1, except as follows. Connect the lead-in wires to the detector in order to provide proper operation when connected to the controller.

Install the pedestrian detector assembly at the location and mounted in a manner as shown on the plans and Design Standards, Index No. 17784 (Pedestrian Detector Assembly). Ensure that all detectors used are of the same manufacturer and model.

Consider the plans to be sufficiently flexible as to allow for unanticipated field conditions at the site. The Engineer will direct any variation from the locations shown. Mount the pedestrian detector assembly at the height (center of push-button) of 3 1/2 to 4 feet [1.1 to 1.2 m] above the sidewalk. When mounting, place the detector housing or saddle in complete contact with the pole or controller cabinet. Orient the pedestrian detector assembly and sign to point in the same direction as the corresponding crosswalk. When a post is required in the installation of the pedestrian detector assembly, restore the area around the post to its original condition or as required by the plans.

665-4 Method of Measurement.

665-4.1 General: Measurement for payment will be in accordance with the following tasks.

665-4.2 Furnish and Install: The Contract unit price each for Pedestrian Detector Assembly, furnished and installed, will include all mounting hardware, lead-in wires, materials and equipment, as specified in the Contract Documents, and all labor and miscellaneous materials necessary for a complete and accepted installation.

665-4.3 Furnish: The Contract unit price each for Pedestrian Detector Assembly, furnished, will include the cost of the assembly (including all mounting hardware) plus all shipping and handling costs involved in delivery as specified in the Contract Documents.

Risers, lead-in wires, or posts are not included in furnish items.

The Contractor shall deliver the pedestrian detector assembly in a pre-assembled state. The Contractor shall package and ship component parts of the assembly in accordance with the manufacturer's instructions in order to minimize the potential for damage during shipment.

665-4.4 Install: The Contract unit price each for Pedestrian Detector Assembly, installed, will include all materials, equipment, labor and miscellaneous materials necessary to assemble and install all components for a complete and accepted installation. The Engineer will supply the pedestrian detector assembly, including mounting hardware.

665-5 Basis of Payment.

Price and payment will be full compensation for all work specified in this Section. Payment will be made under:

Item No. 665- Pedestrian Detector - each.

Item No. 2665- Pedestrian Detector - each.

