

ITEM 0220101

PRECAST PEDESTAL BASE

DESCRIPTION

This item shall consist of furnishing and installing a pre-cast pedestal base at the location and to the dimensions and details shown on the plans, or as directed by the Engineer and in accordance with these specifications. Work shall also include excavation, backfilling, temporary patching, restoration of surrounding areas and final clean up.

REFERENCED ITEMS

Item 0102101

REQUIRED SUBMITTALS

Shop Drawings:

Submit 5 copies of shop drawings for bases in accordance with the contract general requirements.

Material Certificate of Compliance:

Submit 5 copies of material certificate of compliance for bases in accordance with the contract general requirements.

MATERIALS

Shall conform to the following specifications:

1. **CONCRETE CEMENT**

The concrete for this item shall conform to Article M.08.02-4 for Pre-cast Concrete per the State of Connecticut, Department of Transportation, Standard Specifications for Roads, Bridges, and Incidental Construction, Form 816, 2004.

2. **ANCHOR BOLTS**

The anchor bolts for this item shall conform to Article M.15.02 per the State of Connecticut, Department of Transportation, Standard Specifications for Roads, Bridges and Incidental Construction Form 816, 2004.

3. **REINFORCING**

The bar reinforcement for this item shall conform to Article M.06.01 per the State of Connecticut, Department of Transportation, Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, 2004.

4. **GROUND ROD**

The ground rod shall conform to Article M.15.15 of Form 816 and shall be 5/8" X 10'.

CONSTRUCTION METHODS

The precast pedestal base shall be installed as shown on the plans which includes placement of 12 inches crushed stone before the installation of the precast pedestal base. The areas disturbed by the excavation for the base shall be neatly graded to conform to the adjacent contours. Where topsoil has been removed, it shall be replaced to its original depth (except that in no case shall this depth be less than four inches) and the area shall be fertilized, seeded and mulched.

Where precast pedestal bases are shown in sidewalk or paved areas, the base shall be set as shown on detail sheet and the surrounding area shall be replaced with the same type of material as removed.

All conduits entering the pedestal base shall be bonded together by means of a jumper running from ground bushings on the conduit ends.

When Pedestal base is placed in concrete sidewalk areas, the sidewalk shall be sawcut at the nearest joint and the complete slab(s) of sidewalk shall be removed and replaced. The replacement of concrete sidewalk shall conform to the requirements specified under Item 0102101.

When pedestal base is placed in brick sidewalk areas, the sidewalk shall be restored matching the existing pattern.

METHOD OF MEASUREMENT

Pre-cast pedestal base shall be measured for payment by the number of each unit installed and accepted. This measurement shall include the electrical conduit sweeps which shall extend two (2) feet outside of the pedestal base.

BASIS OF PAYMENT

This work will be paid for at the contract unit price each for "PRE-CAST PEDESTAL BASE" installed, which price shall include the pre-cast pedestal base, all materials, labor, equipment, excavation, disposal of surplus material, electrical conduit sweeps, conduit caps, bonding wire, ground rod, sleeves, ground bushings, backfill, temporary bituminous patch, top soil, grading, seeding, fertilizing, mulching, riprap, restoration of sidewalk and surrounding areas and incidental expenses thereto.

When rock is encountered within the limits of the excavation, its removal will be paid for at the contract unit price per vertical foot for "Rock in Foundation Excavation".

PAY ITEM

0220101

DESCRIPTION

Precast Pedestal Base

PAY UNIT

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