

ITEM 08615.9992 M - CAST IRON BOLLARD

DESCRIPTION:

This work shall consist of furnishing and installing cast iron bollards in the locations identified in the contract documents or as directed by the Engineer.

MATERIALS:

The bollards shall be manufactured by the company specified in the contract documents or an equal approved by the Engineer after consultation with the Landscape Architect. All of the bollards shall be painted a color as specified in the contract documents. The contractor shall submit color samples for approval by the Engineer.

Concrete for Footing. Cast-in-place concrete shall meet the requirements of Class A concrete material section 501, Portland Cement Concrete - General.

Select Granular Fill shall meet the requirements of Subsection 203-2.02C of the Standard Specifications.

Internal bolts shall be as recommended by the manufacturer or as directed by the Engineer.

Anchor bolts shall be as recommended by the manufacturer or as directed by the Engineer.

Manufacturer. The cast iron bollard shall be the model listed or approved equal.

Spring City
Electrical Manufacturing Company
P.O. Box 19
Spring City, PA 19475
Phone # 1-610-948-4000
Style: Washington Standard

CONSTRUCTION DETAILS:

Bollards shall be constructed in accordance with this specification, the contract documents, and as directed by Engineer.

The contractor shall submit shop drawings and catalog cuts to the Engineer for review and approval by the Landscape Architect prior to the purchase of the bollard. Drawings shall show clearly all materials, finishes, and connecting methods.

The Contractor shall set the bollard plumb to the height indicated in the contract documents or as directed by the Engineer. Any excavation shall be in accordance with the requirements of Section 206, Trench, Culvert and Structural Excavation. The bollard shall be painted as indicated in the contract documents.

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All sidewalk restoration necessitated by this work shall be done to the satisfaction of the Engineer.

METHOD OF MEASUREMENT:

This work will be measured as the number of bollards satisfactorily installed, on an each basis, in accordance with the contract documents and/or as directed by Engineer.

BASIS OF PAYMENT:

The unit price bid for each bollard shall include the cost of furnishing all labor, materials and equipment necessary to complete the work including any necessary excavation, footings and backfill.

Sidewalk restoration shall be included in the cost of this item.