

## **ITEM 08615.08 M - BENCH**

### **DESCRIPTION:**

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

### **MATERIALS:**

Benches shall be manufactured by the company specified in the contract documents or an equal approved by the Engineer after consultation with the Landscape Architect. Materials shall conform to the requirements specified in the following subsections of the Standard Specifications:

Wood Preservative - Water Borne	708-31
Wood Preservative - Oil Borne	708-32
Timber and Lumber	712-13
Stress Graded Timber and Lumber	712-14
Structural Steel	715-01
Stainless Steel Connecting Products	715-16
Painting Metal Structures	740-01

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 bench. Drawings shall show clearly all materials, finishes, and connecting methods.

Steel Support Components. The steel support components shall be fabricated from steel as recommended by the Manufacturer. Bench steel support components and metal fasteners shall be painted the color as specified in the contract documents. The contractor shall submit color samples for approval by the Engineer.

Wood Members. The type of wood used in the fabrication of the bench shall be as specified in the contract documents.

Internal Bolts. The type of internal bolts shall be as recommended by the Manufacturer or as directed by the Engineer. All fasteners shall have vandal proof heads.

Anchor Bolts. The type of anchor bolts shall be as recommended by the Manufacturer or as directed by the Engineer. All fasteners shall have vandal proof heads.

### **CONSTRUCTION DETAILS:**

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

Assembly of bench components shall be performed in strict accordance with manufacturer's recommendations for installation. All work shall be free of blemishes or defects which can affect durability, strength, safety or appearance. Benches or parts thereof that are received chipped, scratched,

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bent, dented, stained, or damaged in any way as determined by the Engineer will not be accepted and shall be removed from the site and replaced with new benches or parts which are free from all defects.

The contractor shall set the bench level 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 bench shall be painted as indicated in the contract documents.

The contractor shall protect all parts of the bench and maintain it in an undamaged condition until completion and acceptance of the contract. Any sections damaged at any time prior to final acceptance shall be repaired or replaced at the contractor's expense.

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 benches satisfactorily installed, on an each basis, in accordance with the contract documents and/or directed by Engineer.

### **BASIS OF PAYMENT:**

The unit price bid for each bench shall include the cost of furnishing all labor, materials, and equipment necessary to satisfactorily complete the work.

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