

## **ITEM 11551.1101 M - PILES CAST INTO CASING-FORMED CONCRETE**

### **DESCRIPTION**

Under this item the Contractor shall furnish steel HP sections and set them at the bottom of steel casings which are to be installed within the existing timber crib under Item 11552.1301M Steel Casing for Underwater Concrete. (The installation of these piles is different from that of the driven HP piles which are covered under Standard Specification Section 551.) After these piles are set and secured in place, the casings shall be filled with underwater concrete provided under Item 555.06 M.. All aspects of the work shall be in conformance with Standard Specification Section 564 *STRUCTURAL STEEL* except as follows:

### **MATERIALS**

1. Piles shall conform to ASTM A36.
2. Coating shall conform to the material and application requirements of Item 11572.0101M Coating of Structural Steel.

### **CONSTRUCTION DETAILS**

1. Apply coating to all surfaces of the piles.
2. Set piles plumb to within a tolerance of 0.25% of the length of the pile. The tops of the piles shall be within 12mm of the location shown.

### **METHOD OF MEASUREMENT**

The quantity of piles to be paid for will be the total length (meters) of piles in place.

### **BASIS OF PAYMENT**

The Unit Price Bid Per Meter for the piles shall include the cost of furnishing all labor, materials and equipment necessary to complete the work, including the coating of the piles as prescribed in this Specification.