

ITEM 11552.1301 M - STEEL CASING FOR UNDERWATER CONCRETE

DESCRIPTION

Under this item the Contractor shall furnish and install steel pipe casings within the existing timber crib where the crib would interfere with the driving of steel bearing piles. The approximate extent of the crib is shown on the Plans. The casings will serve as forms for the placement of underwater concrete into which the bottoms of HP sections will be cast.

MATERIALS

Casings shall be steel pipe pile conforming to ASTM A252. Any grade is acceptable. Casings shall be fitted with approved external-type shoes welded to the casings. Casings shall be coated in conformance with the material requirements of Item No. 11572.0101M, Coating of Structural Steel.

CONSTRUCTION DETAILS

A. *General*: Advance the casing by driving it through the crib with approved equipment to the depth indicated on the Plans. Facilitate the driving by breaking and removing obstructions within the casing using a churn drill or other approved equipment.

B. *Equipment Approvals*: All equipment used to advance the casing to the required depth shall have the prior approval of the Engineer.

C. *Allowable Variation in Casing Alignment*: The casing shall be set to plumb to a tolerance of 1.5% of the length of the casing.

D. *Cutting Off Casing*: Cut off the tops of the casings at the elevation shown on the Plans. The cut shall be clean and to a true plane.

E. *Cleaning Out Casings*: Remove all material within the casing down to the bottom of the casing.

METHOD OF MEASUREMENT

The quantity of casing to be paid for will be the total length (meters) of casing in place after cut off.

BASIS OF PAYMENT

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