

ITEM 11568.33 M - REPLACE STEEL BRIDGE RAILING POST

DESCRIPTION

This work shall consist of:

- A. Cutting, removal and disposal of steel bridge railing posts where shown on the contract plans.
- B. Furnishing and installing steel bridge railing posts where shown on the contract plans.

Material removed for disposal shall become the property of the Contractor and shall be removed from the work side.

Within 15 days of contract and award date, the Contractor shall notify the Engineer of the name and address of the Fabricator of all bridge railing posts. This notification shall identify and locate the specific shop or shops in which the posts will be fabricated.

MATERIAL

Post tubes shall be 89 mm x 89 mm x 7.9 mm and meet ASTM designation A 500 Grade B.

CONSTRUCTION DETAILS

The Contractor shall cut, remove and dispose the existing railing posts where shown on the contract plans. The Contractor shall exercise care cutting and removing the railing posts so as not to damage the existing portion of the post to remain.

The new railing posts shall be connected to the existing portion of the railing posts by using complete penetration groove welds and connected to the top rail and intermediate rails by 6 mm fillet welds all around in the field. All welding shall be done in accordance with the requirements of the SCM. The new railing posts shall be painted in accordance with Section 740-01 Painting Metal Structures, and the color of finish paint to match existing railing posts.

METHODS OF MEASUREMENT

The quantity to be paid for under this item shall be the number of posts replaced.

BASIS OF PAYMENT

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