

**ITEM 08568.0511 M - STEEL PEDESTRIAN RAILING**

**DESCRIPTION:**

This work shall consist of furnishing and erecting painted steel pedestrian railing at the locations shown in the contract documents.

**MATERIAL:**

Materials shall meet the requirements of the following subsections and as noted herein:

Concrete Grouting Material	701-05
Anchoring Materials - Chemically Curing	701-07
Paint	708
Painting Metal Structures	740-01
Portland Cement Concrete Class A	501
Spindles shall be bars cold rolled ASTM A572 Grade 50	
Tubular posts shall be cold rolled ASTM A500 Grade B	
Top and bottom rails shall be standard size, schedule 40 pipe ASTM A500 Grade B	
All other steel shall be ASTM A572 GRADE 50	
Bolts, nuts and washer shall be ASTM A325M, Type 3	
Rubber Impregnated Random Fiber Pad	728-02

**CONSTRUCTION DETAILS:**

The requirements of Standard Specifications Section 568-3.01

All welded connections shall be shop fabricated except as noted on the contract drawings. The rail shall be fabricated, transported and erected in accordance with the provisions of the NYSDOT Steel Construction Manual and in accordance with the approved shop drawings. Shop drawings shall be prepared, approved, and distributed in accordance with the provisions of the SCM, except that the term "D.C.E.S." shall be interpreted as "the Engineer." Prior to submitting shop drawings, the contractor shall field verify the pedestrian rail panel lengths and heights shown on the contract drawings. Changes to the panel lengths and heights shown on the contract drawings may be proposed by the contractor, subject to the approval of the Engineer and at no additional cost to the State. Said request for changes to the dimensions shown on the contract drawings, if any, shall be clearly identified on the shop drawings.

All posts and spindles shall be set vertically and to the required grade and alignment. Spindle spacing shall be uniform in any rail section as shown on the contract documents.

Prime, intermediate and finish paint coats shall be applied in the shop. Finish coat color shall be as specified on the plans.

**METHOD OF MEASUREMENT:**

The quantity of railing will be measured as the number of linear meters of steel rail furnished and installed, measured along the centerline of the top rail.

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**BASIS OF PAYMENT:**

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

Any cost associated with additional field welding, cutting, painting or other construction procedure relating to rail installation and mounting shall be included in this item.

**DISAPPROVED BY EI 08-012**