

ITEM 11607.9902 M - PROTECTIVE SCREENING

DESCRIPTION

This work shall consist of furnishing and erecting protective screening as shown on the contract plans and in accordance with the specifications.

As soon as the Contract is awarded, the Contractor shall notify the Engineer of the name and address of the Fabricator of all protective screening. This notification shall list the specific shop or shops in which the railing will be fabricated.

MATERIALS

Materials shall meet the requirements of the following subsections and as noted herein or on the contract plans.

Concrete Grouting Material	701-05
Anchoring Materials- Chemically Curing	701-07
Anchor Bolts	723-60
Paint	708
Painting Procedures	740

Screening shall be 38-mm square woven mesh of 304 stainless steel wire cloth with edge strips. Wire shall be 3-mm diameter.

All steel plates, flat bars, and other steel shall be ASTM A36M

Bolts, nuts, and washers shall be ASTM A325M, Type 3

CONSTRUCTION DETAILS

The requirements of Standard Specifications Section 568-3.01 shall apply except as noted herein or on the contract plans. In Section 568-3.01 the terms "railing" and "rails" shall be interpreted as "protective screening". Subsections 568-3.01 A, D, E, F, G, H, L, M and N shall apply.

All welded connections shall be shop fabricated except as otherwise noted. The protective screening shall be fabricated, transported, and erected in accordance with the provisions of the NYSDOT Steel Construction Manual and approved shop drawings, except the term "D.C.E.S" shall be interpreted as "the Engineer". Prior to submitting shop drawings, the Contractor shall field verify the protective screening panel lengths, heights, and geometric features shown on the contract drawings. Panel dimensions, and geometry proposed in variance with the contract drawings, due to field conditions, fabrication constraints, or for other reasons shall be clearly indicated on the shop drawings.

The color of the protective screening framework (excluding the stainless steel mesh) shall be as indicated on the drawings.

ITEM 11607.9902 M - PROTECTIVE SCREENING

METHOD OF MEASUREMENT

The quantity to be paid for protective screening shall be the number of meters measured along the centerline of railing anchorage between the extreme outer limits indicated on the contract plans.

BASIS OF PAYMENT

The unit price bid shall include the cost of furnishing all labor, materials and equipment necessary to complete the work. All hardware, and associated protective screening items shall be included in the price bid. Drilling and grouting of anchor bolts to be paid for under separate item. Leveling and grouting under base plates to be paid for under separate item.

<u>ITEM No.</u>	<u>ITEM</u>	<u>PAY UNIT</u>
11607.9902 M	Protective screening	Linear Meters

DISAPPROVED BY EI 08-012