

## **ITEM 11607.9904 M - SPECIAL PROTECTIVE SCREENING ON BRIDGES**

### **DESCRIPTION:**

This work shall consist of furnishing and installing protective screening on bridges including all hardware and construction systems necessary to complete the work. Protective screening shall be fabricated and installed according to the details and at the locations indicated on the Contract Documents.

### **MATERIALS:**

Materials shall meet the requirements as noted on the Contract Documents, and as in the following subsections:

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

### **CONSTRUCTION DETAILS:**

The requirements of Standard Specifications Section 568-3.01 shall apply except as noted herein or on the Contract Documents. 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 Documents. 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 and wire mesh shall be as indicated on the drawings.

### **METHOD OF MEASUREMENT:**

The work will be measured for payment as the number of meters of Special Protective Screening on Bridges, measured along the centerline of railing anchorage between the extreme outer limits indicated on the contract documents, furnished and installed in accordance with the plans, specifications or as directed by the Engineer.

### **BASIS OF PAYMENT:**

The unit price bid for Special Protective Screening on Bridges shall include the cost of all labor, material and equipment necessary to satisfactorily perform the work. 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 items.