

**ITEM 607.0611--25 - PROTECTIVE SCREENING-BRIDGES**  
**ITEM 607.0612--25 - PROTECTIVE SCREENING (SNOW FENCE)**

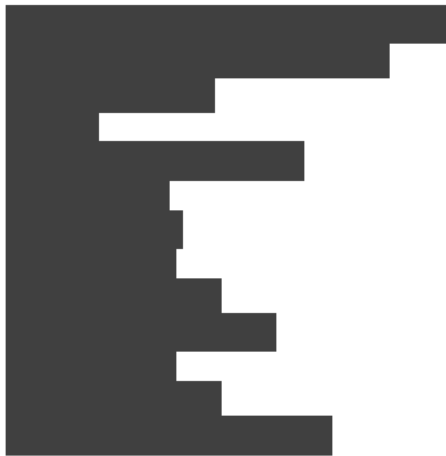
**1. DESCRIPTION:**

- 1.01 The work shall consist of furnishing and installing protective screening, including all hardware and construction systems necessary to complete the work. Protective screening shall be installed according to the details and at the locations indicated on the Contract Plans.

**2. MATERIALS:**

- 2.01 Materials used for this work shall conform to the following requirements:

**PART**



**REQUIREMENTS**



**2.02 Steel Fabric**

The size of the mesh and coated wire diameter shall be [REDACTED] respectively unless otherwise specified in the plans or Proposal.

All edges of the fence fabric shall be “knuckled” (wire ends bent back upon themselves to eliminate sharp wire ends).

**2.03 Posts, Rails and Fittings**

All materials, except fence fabric, shall be galvanized. Unless otherwise specified on the plans, galvanizing shall be in accordance with the requirements of [REDACTED] type as applicable.

Unless otherwise noted on the plans:

- a. Posts shall be nominal [REDACTED].
- b. Top and Bottom rails shall be a nominal [REDACTED].
- c. Pipe supports shall be nominal [REDACTED].

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**3. CONSTRUCTION DETAILS:**

**3.01 Fence Fabric**

Fence fabric shall be firmly attached to the posts, rails, and braces. All wire shall be stretched taut and be installed to the required elevations.

**3. CONSTRUCTION DETAILS: (cont'd)**

**3.01 Fence Fabric (cont'd)**

Unless otherwise noted on the plans:

- a. The fabric shall be securely fastened to all terminal posts by [REDACTED] round tension bars with [REDACTED] spaced approximately [REDACTED].
- b. Fabric shall be attached to top and bottom rails with [REDACTED].
- c. The fabric shall be securely fastened to all vertical posts by [REDACTED]

**3.02 Fence Posts**

The posts shall be fastened to the structure in accordance with the details indicated on the Contract Plans. Fence posts shall be set so that they are truly vertical.

**3.03 Fence Rails**

- a. All the top rails shall pass through the base of the post caps and shall form a continuous brace from end-to-end of each stretch of fence fabric. Top rail lengths shall be joined with sleeve couplings. At expansion joints of the structure, expansion sleeves shall be used. Top rails shall be securely fastened to terminal posts by means of rail end connectors approved by the Engineer. Horizontal braces shall be provided at all terminal posts, midway between the top and bottom rails, and shall extend from the terminal post to the first adjacent intermediate post. Braces shall be securely fastened to the intermediate posts by brace ends and brace bands. Braces shall be securely fastened to the terminal posts by rail end connectors, approved by the Engineer. Braces shall be made from the same material as the top and bottom rails.

Unless otherwise noted on the plans:

- b. If a tension wire is required by the Contract Documents, the fabric shall be attached to it with 6 gauge aluminum ties.

**3.04 Welding**

All welding shall meet the requirements of [REDACTED]

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Field welding shall be allowed only where indicated on the Contract Plans, or where ordered by the Engineer.

All finished surfaces of welds, and surfaces from which the galvanizing has been removed, shall be repaired in accordance with the requirements of [REDACTED] Any galvanizing repair shall be done at the Contractor's expense.

**3.05 Drilling and Grouting**

Drilling and grouting of anchor rods shall be done in conformance with the grout manufacturer's requirements. Minimum Imbedment depth shall be as shown on the contract plans. Cured grout material shall be capable of developing the ultimate strength of the anchor rod. Grout Material used shall be chosen from NYSDOT approved list for Chemically Curing Capsule and Pourable Anchoring Materials (701-07).

**4. METHOD OF MEASUREMENT:**

- 4.01 Measurement will be taken as the number of linear feet of protective screening installed.
- 4.02 Measurement will be taken along the bottom of the bottom rail, center-to-center to terminal posts.

**5. BASIS OF PAYMENT:**

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

Payment will be made under:

<b><u>ITEM NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>PAY UNIT</u></b>
607.0611 25	Protective Screening – Bridge	Linear Foot
607.0612 25	Protective Screening (Snow Fence)	Linear Foot