

# Special Specification 5094

## Aesthetic Fence



### 1. DESCRIPTION

Furnish and install Aesthetic Fence as shown in the plans, as detailed in the special specifications and as directed.

### 2. MATERIALS

2.1. Provide new materials that comply with the details shown on the plans, the requirements of this Item, and the following Items:

- Item 441, "Steel Structures"
- Item 442, "Metal for Structures"
- Item 445, "Galvanizing" (*if aesthetic fence is to be galvanized, and then painted*)
- Item 446, "Field Cleaning and Painting Steel" and
- Item 449, "Anchor Bolts"

2.2. **Steel Members.** Furnish steel members in accordance with ASTM A36 unless otherwise shown on the plans.

2.3. **Anchors and Fasteners.** Furnish alloy steel or medium-strength mild steel anchor bolts and nuts in accordance with Item 449.2.1, "Bolts and Nuts."

### 3. CONSTRUCTION

3.1. **Fabrication.** Construct decorative metal fence in accordance with the plan details. Fabricate and weld in accordance with Item 441, "Steel Structures," AWS D1.1, *Structural Welding Code – Steel*, and the requirements of this specification. Prime and paint fence as shown on the design plans. When aesthetic fence is to be galvanized, provide and apply paint on galvanized surfaces in accordance with Item 445, "Galvanizing."

3.2. **Shop Drawings.** Electronically submit shop drawings in accordance with Item 441, "Steel Structures" (Non-bridge Members). Include details for steel fabrication, welding, finishing, and fastening systems on shop drawings.

3.3. **Installation.** Anchor to bridge railing as shown on the details of the plans and as directed. Install in locations as specified on the plans. Prevent scarring or marring of the steel bars, panels, fasteners. Replace damaged components. Repair damaged painted areas of aesthetic fence in accordance with Item 446, "Field Cleaning and Painting Steel."

### 4. MEASUREMENT

This item will be measured by the linear foot.

This is a plans quantity measurement Item. The quantity to be paid for is the quantity shown in the proposal except as modified by Article 9.2, "Plans Quantity Measurement." Additional measurements or calculations will be made if adjustments of quantities are required.

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**5. PAYMENT**

The work performed and materials furnished in accordance with this Item and measured as provided for under "Measurement" will be paid for at the unit price bid for "Aesthetic Fence." This price is full compensation for materials, fabrication, finishing, transportation, erection, equipment, labor, tools and incidentals necessary to complete the work.