

# Special Specification 5107

## Steel Fence




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### 1. DESCRIPTION

Furnish, install, remove or relocate, if approved, steel fence in accordance with the plans.

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### 2. MATERIALS

Furnish materials in accordance with the following:

- Item 421, "Hydraulic Cement Concrete"
- Item 442, "Metal for Structures" and
- Item 446, "Field Cleaning and Painting".

Use existing removed, undamaged fence in proposed locations as permitted in this specification. A combination of new and existing fence materials may be used in proposed locations if approved by the Engineer.

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### 3. CONSTRUCTION

Provide a permanent steel fence that is equal to or better than the existing steel fence.

- 3.1. **Remove.** Remove existing fence as shown in the plans to the nearest post beyond the removal limit specified in the plans. Remove post foundations and backfill holes with suitable material. Dispose of unsalvageable material in accordance with applicable laws.
- 3.2. **Relocate/Install.** Provide a steel fence in the proposed locations that is equal to the design, quality, and appearance of the existing adjacent steel fence. Salvage and use existing removed, undamaged fence if approved by the engineer.
- 3.3. **Concrete Footings.** Provide concrete footings as directed at no additional cost to the Department. Center posts in their footings. Place concrete and compact by tamping or other approved methods.
- Use forms for footings where the ground cannot be satisfactorily excavated to neat lines. Crown the concrete or grout (for solid rock) to disperse water from the post. Keep the forms in place for at least 24 hours. Backfill the footing with moistened material as soon as each form is removed.
- Spread all excess excavation and loose material used for curing neatly and uniformly. Remove excess concrete and other construction debris from the site.
- 3.4. **Repaint.** Touch up paint, as needed, on the existing relocated steel fence. Use weatherproof paint of the same color and finish as the existing adjacent steel fence, or as approved.

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### 4. MEASUREMENT

This Item will be measured by the foot of removed steel fence or installed steel fence shown on the plans.

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**5. PAYMENT**

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Steel Fence (Remove)" or "Steel Fence (Install)." This price is full compensation for removing the existing fence; furnishing and installing fencing materials; clearing and grading, connecting installed fence to existing fence; furnishing additional materials required to complete the work which includes, but is not limited to: paint, concrete footings, labor, tools, equipment, excavation, backfilling, disposal of surplus materials, and incidentals.

- 5.1 **Steel Fence (Remove).** This price is full compensation for removing all fencing to the nearest post beyond the removal limit specified in the plans; cleaning, grading, and backfilling; removing and disposing of surplus material; and equipment, labor, tools and incidentals.
- 5.2 **Steel Fence (Install).** This price is full compensation for furnishing and installing fencing; cleaning, grading, and backfilling; repainting; removing and disposing of surplus material; and equipment, labor, tools, and incidentals.