
Special Specification 4186

Shoofly Bridge



1. DESCRIPTION

Construct, maintain, and remove the shoofly bridge in accordance with this specification and the details shown on the plans.

2. MATERIALS

Furnish materials in accordance with:

- Item 407, "Steel Piling"
 - Item 416, "Drilled Shafts"
 - Item 420, "Concrete Substructures"
 - Item 421, "Hydraulic Cement Concrete"
 - Item 422, "Concrete Superstructures"
 - Item 423, "Retaining Walls"
 - Item 440, "Reinforcement for Concrete"
 - Item 442, "Metal for Structures"
 - Item 491, "Timber for Structures."
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3. CONSTRUCTION

Construct, maintain, and remove the shoofly bridge in accordance with the design and details shown on the plans and to the requirements of the pertinent Items as follows:

- Item 403, "Temporary Special Shoring"
- Item 404, "Driving Piling"
- Item 416, "Drilled Shaft Foundations"
- Item 420, "Concrete Substructures"
- Item 422, "Concrete Superstructures"
- Item 423, "Retaining Walls"
- Item 432, "Riprap"
- Item 440, "Reinforcing for Concrete"
- Item 441, "Steel Structures"
- Item 442, "Metal for Structures"
- Item 447, "Structural Bolting"
- Item 448, "Structural Field Welding"
- Item 490, "Timber Structures"
- Item 496, "Removing Structures."

3.1. Construct Shoofly Bridge.

Construct the shoofly bridge using the sequence and in accordance with the details shown on the plans. Coordinate with the Engineer and owning railroad on those items, such as open deck ties and rails which may be installed by railroad forces.

3.2. Maintenance Requirements.

Maintain the structure for the safe passage of trains until the mainline track is opened to trains and the shoofly track is no longer in service.

3.3. Remove Shoofly Bridge.

3.3.1. Dismantle the shoofly bridge when the proposed mainline railroad bridge work has been completed and the mainline track is opened to trains. Remove the shoofly bridge in accordance with Item 496, "Removing Structures."

3.3.2. All parts removed from the shoofly bridge are the property of the Contractor, and removal is at his expense.

4. MEASUREMENT

This Item will be measured as each shoofly bridge constructed in accordance with the details shown on the plans.

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 "Construct, Maintain, and Remove Shoofly Bridge," as shown on the plans. This price will be full compensation for furnishing all materials, including drilled shafts, concrete, reinforcing steel, structural steel, track rail, tie plates, spikes, ties, other timber, and handrails for constructing and maintaining the shoofly bridge; for the removal of the shoofly bridge and riprap slope protection; and for all work, labor, tools, equipment, and incidentals necessary.