
Special Specification 4022

Truss Bridge



1. DESCRIPTION

Remove and relocate the existing truss bridge as shown on the plans.

2. CONSTRUCTION

Remove existing truss bridge from the original site and relocate to a temporary work site as shown on the plans and as directed. After work to be performed on the truss bridge at the temporary site is complete, remove the truss bridge from the temporary site and return it to the location as shown on the plans and as directed. Dimensions shown on the plans for setting the existing truss bridge in its final position must be verified in the field, adjusted as necessary by the Contractor, and approved by the Engineer.

The truss bridge must be lifted and moved in one piece as shown in the plans and as directed by the Engineer. Temporary footings must be adequate to keep the steel out of contact with the ground and the truss bridge must be level. All permits, escorts and utility adjustments required to make the move will be the responsibility of the Contractor.

A lifting and moving plan must be submitted to the Engineer for review and approval. The plan must show details for any bracing or lifting attachments to the original bridge members. No welding to any bridge member is permitted. No drilling through any bridge member is permitted. Temporary or permanent attachments to the truss bridge must be made by clamping or bolting through original rivet holes as approved by the Engineer. Flame cutting of any member will not be allowed unless approved by the Engineer.

Extreme care must be taken when lifting the truss from the supports, transporting the bridge to the new site and placing the bridge on the new supports. Any damage caused by the Contractor's operations will be repaired as directed by the Engineer at the Contractor's expense.

If both ends of the bridge are lifted at once, all four corners of the bridge must be lifted simultaneously and symmetrically. If only one end of the bridge is lifted at a time, then both corners must be lifted simultaneously and symmetrically.

3. MEASUREMENT

The work as provided for by this specification will be measured by the lump sum.

4. 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 "Remove and Relocate Existing Truss Bridge." This price is full compensation for all excavation, backfilling, bracing, lifting, moving, escorts, permits, utility adjustments, and furnishing all equipment, tools, labor and incidentals necessary to complete the work.