
Special Specification 4102

Relocate Existing Truss Bridge



1. DESCRIPTION

Remove and relocate the existing truss bridge to a temporary location for rehabilitation and relocate back to original location as shown in the Plans and as directed.

2. CONSTRUCTION

Assume any coatings on existing steel contain hazardous materials and remove and dispose of properly as is required to facilitate work.

Remove existing truss bridge from current location and move to a temporary location for repair work as shown on the plans and as directed. After completion of repair work shown in the plans, move the truss to the original bridge 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.

Lift and move the truss bridge in one piece as shown in the plans and as directed by the Engineer. Provide temporary footings adequate to support the truss and keep all steel members out of contact with the ground. Set footings to support the truss bridge in a level orientation. Obtain and provide to the engineer documentation for permits, escorts and utility adjustments required to make the move.

Submit lifting and moving plan to the Engineer for review and approval. Include in the plan 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 temporary 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 price bid for "Relocate Existing Truss Bridge." This price is full compensation for all excavation, backfilling, bracing, lifting, moving, escorts, permits, utility adjustments, temporarily supporting, and furnishing all equipment, tools, labor and incidentals necessary to complete the work.