

HANDLING, TRANSPORT, AND RE-ERECTION OF COVERED BRIDGE SUPERSTRUCTURE

**From Charlotte BHO 1445(34)

- xx. DESCRIPTION. This work shall consist of all necessary handling and transporting of a covered bridge superstructure from its current location to a work location, and subsequent re-erection of the rehabilitated superstructure at the covered bridge site. As directed by the Engineer, superstructure components moved to a work location shall be removed and re-erected as major components, such as whole trusses, roof halves, and floor system.
- xx. MATERIALS. Except as otherwise specified in the Contract Documents, new steel and timber used in the work shall conform to Sections 506 and 522, respectively, and the AASHTO *Standard Specifications for Highway Bridges*. Material certifications need not be furnished for temporary steel and timber materials.
- xx. GENERAL. The timber trusses may be temporarily supported or braced during the handling, transport, and re-erection/assembly of the covered bridge superstructure until it is sufficiently stable to warrant temporary support removal.

All temporary supports shall be removed prior to opening the bridge to vehicular traffic.
- xx. SUBMITTALS. Construction Drawings with associated details, procedures, and calculations for blocking, bracing, handling, transporting, and re-erecting the superstructure shall be prepared by a Professional Engineer (Structural or Civil) and submitted to the VTrans Structures Engineer for approval in accordance with Section 105. Construction Drawings shall be submitted at least four weeks prior to the anticipated start of the work. No work represented by the Construction Drawings shall commence until the Construction Drawings have been approved.
- xx. CONSTRUCTION REQUIREMENTS. The Contractor shall be responsible for the strength, capacity, and performance of the construction methods(s) employed.
- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Handling, Transport, and Re-erection of Covered Bridge Superstructure) to be measured for payment will be on a lump sum basis in the complete and accepted work.
- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Handling, Transport, and Re-erection of Covered Bridge Superstructure) will be paid for at the Contract lump sum price. Payment will be full compensation for preparing and submitting Construction Drawings, details, procedures, and calculations as specified; for performing the work specified, including all liability for the structure being handled, transported, re-erected, blocked, and braced; and for furnishing all materials, labor, tools, equipment, and incidentals necessary to complete the work.

Partial payments will be made as follows:

2/9/2011

- (a) An initial payment of 10% of the lump sum price will be paid upon approval of Construction Drawings.
- (b) A second payment of 40% of the lump sum price will be paid upon transport of the superstructure to the work site.
- (c) A third payment of 40% of the lump sum price will be paid upon re-erection of the superstructure at the original site.
- (d) The remaining 10% of the lump sum price will be paid when all work for this item is complete to the satisfaction of the Engineer.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.645 Special Provision (Handling, Transport, and Re-erection of Covered Bridge Superstructure)	Lump Sum