

ACCESS TO BRIDGE

****From Statewide BRO INSP(11)**

xx. DESCRIPTION. This work shall consist of providing access for two (2) Agency bridge inspectors (Inspectors) to all structural steel members of steel truss bridges and/or all timber members of timber covered bridges which are normally inaccessible to an Inspector standing on the deck of the bridge and providing all necessary traffic control to protect the traveling public, the Inspectors, and the Contractor's equipment, materials, and personnel.

xx. GENERAL REQUIREMENTS. The inspection to be performed is under the deck. To achieve this, the Contractor shall provide a cable system with moveable platform, a fully supported scaffold system, or a moveable platform system capable of safely supporting at least two Inspectors in order that they can perform a complete hands-on inspection of the entire underside of each bridge designated in the Contract Documents.

The Contractor shall provide sufficient work force (excluding traffic control personnel) and equipment to move any platform to any location, as required by the Inspectors, during the inspection.

The system provided at each bridge shall meet all VOSHA requirements, including but not limited to safety rails, safety lines, and equipment (life rings, boat, etc.) as needed to comply with working over water requirements.

At, or prior to the Pre-Construction Conference, the Contractor shall submit to the Bridge Management and Inspection Engineer for review and approval the details and/or design calculations, prepared and stamped by a licensed Professional Engineer (Structural or Civil), of the method of providing access at each bridge site. The method to be used at each bridge site shall be approved prior to being installed. The Agency reserves the right to reject any method or system which the Bridge Management and Inspection Engineer deems unsafe for use by the Inspectors.

xx. PROJECT SCHEDULING. At the Pre-Construction Conference, the Contractor shall provide the Bridge Management and Inspection Engineer with a proposed schedule for providing access at each bridge designated in the Contract Documents. The schedule shall include a logical approach, such as providing access to all the structures in one town in succession before moving to the next town, with allowances for single structures nearby and minimizing the number of returns to a general area.

The Bridge Management and Inspection Engineer or designated representative will provide input as to necessary priorities and approve the schedule, with revisions if required.

The Contractor shall provide the Board of Selectmen of each Town, or the equivalent in each City or incorporated village, and each District Transportation Administrator (DTA), with a minimum of two (2) weeks notice of when work will begin, and the estimated duration of traffic disruptions, at each bridge site.

4/22/2010

- xx. TRAFFIC CONTROL. Traffic control shall conform to the requirements of Section 641.

Flaggers and/or Uniformed Traffic Officers, if used, shall conform to the requirements of Section 630.

Traffic control shall be provided while the access system is being installed, while the system is in place, and while the access system is being removed.

- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Access to Bridge) at the specified bridge location to be measured for payment will be for each bridge site for which an approved access system for the Inspectors is erected, maintained, and removed.

- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Access to Bridge) at the specified bridge location will be paid for at the Contract unit price for each. Payment will be full compensation for furnishing, transporting, handling, erecting, maintaining and, when directed by the Inspector, dismantling and removing the tools, equipment, and materials necessary for providing a safe access system to inspect the structure; moving and reconfiguring the system as required; providing traffic control, including required equipment, devices, and personnel; obtaining any necessary permits and clearances for performing the work; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Mobilization/Demobilization costs for each site will not be paid for directly, but will be considered incidental to Special Provision (Access to Bridge).

The Contractor shall request payment by submitting bi-weekly invoices for all work completed during that time period. Invoices shall be submitted directly to the Bridge Management and Inspection Engineer. Each invoice shall clearly designate the bridge site(s) completed, the date(s) of completion, and the associated Contract pay item(s). Payment will be processed by the Agency within two (2) weeks of receipt of the invoice.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.620 Special Provision (Access to Bridge) (Town - Bridge No. XX)	Each