

PUBLIC PROTECTION FOR BRIDGE PROJECTS

****From Waterbury IM 089-2(43)(Re-advertised)**

- xx. DESCRIPTION. This work shall consist of maintaining the public safety for vehicular and pedestrian traffic traveling below a bridge that is under construction.
- xx. SUBMITTALS. A plan detailing the Contractor's intentions for performing the work under this Section, to include a listing of the materials and methods to be used, shall be submitted to the Engineer for approval. Approval will be granted for the proposed plan only if it provides a reasonable expectation that any member of the public passing beneath the bridge while it is under construction will be safe from falling objects and all construction operations.
- xx. GENERAL REQUIREMENTS. The Contractor shall determine the materials and methods to use for this work based on the conditions at a particular location.
- (a) Enclosures. Should the Contractor choose to use an enclosure, it shall be made of material of adequate strength and size to completely protect the public from any falling object(s) related to the construction activities. Any roadway enclosure or containment system shall be of adequate width to allow passage of oversize vehicles. If required by the Engineer, vehicular enclosures which are more than 15 m (50 feet) long shall have their interior illuminated during daylight hours. Pedestrian enclosures shall have their interior illuminated for the full duration of their use.
- (b) Diversions. Should the Contractor choose to divert the vehicular and pedestrian traffic from passing beneath the bridge under construction, the diversion course shall be via an acceptable public route; meet the requirements of the MUTCD for traffic control; and meet the requirements of this specification.
- (c) Interruptions. Should the Contractor choose to interrupt the flow of vehicular or pedestrian traffic below a bridge under construction, Flaggers shall be used. An interruption shall be defined as the stopping of traffic. The duration of time for each individual interruption shall not exceed ten minutes, and the total of the interruptions shall not exceed thirty minutes in any hour.

The method or combination of methods the Contractor chooses to use shall be fully operational before any construction work begins on the bridge which might endanger the public.

- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Public Protection for Bridge Projects) to be measured for payment will be on a lump sum basis in the complete and accepted work.

The quantities for Uniformed Traffic Officers and Flaggers will be measured separately in accordance with Section 630.

xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Public Protection for Bridge Projects) will be paid for at the Contract lump sum price. Payment will be full compensation for preparing a public protection plan, and for furnishing all labor, materials, tools, equipment, and incidentals necessary to complete the work.

Partial payments will be made as follows:

- (a) The first 25% of the Contract lump sum price, as prescribed at each location in the Contract Documents, will be paid upon approval of the public protection plan.
- (b) The remaining 75% of the Contract lump sum price, as prescribed at each location in the Contract Documents, will be paid on a prorated basis for the estimated duration of the Contract work remaining.

Uniformed Traffic Officers and Flaggers will be paid for separately under Contract items 630.10 and 630.15, respectively.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.645 Special Provision (Public Protection for Bridge Projects)	Lump Sum