

ITEM 670

BARRICADES

670.1 Description. This item shall consist of furnishing, installing, moving, replacing, maintaining, cleaning, and removing upon completion of work all barricades.

670.2 Materials. All barricades shall be in accordance with the requirements of the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD).

Markings for permanent Type III barricade rails shall be alternating red and white chevron striping sloping downward at an angle of 45 degrees in the direction traffic is to pass. All parts of the barricade not striped shall be painted white.

Markings for temporary Type III barricade rails shall be alternating orange and white chevron striping sloping downward at an angle of 45 degrees in the direction traffic is to pass. All parts of the barricade not striped shall be painted white.

Where a Type III barricade extends entirely across a roadway, the stripes shall slope downward in the direction toward which traffic must turn when detouring. Where both right and left turns are provided for, the chevron striping shall slope downward in both directions from the center of the barricade.

Reflectorized sheeting used for the chevron striping on both permanent and temporary barricades shall be, as a minimum, in accordance with Item 649, "Wide Angle Prismatic Retroreflective Sheeting for Traffic Control Signs (Diamond Grade)".

The above does not preclude the requirements of the "Harris County General Requirements Conditions".

670.3 Construction Methods. All barricades shall be installed in accordance with the drawings, the TMUTCD and Item 671, "Traffic Control".

670.4 Responsibility for Damage or Claims. The Contractor shall hold harmless the County and all its representatives from all suits, actions or claims, of any character brought on account of any injuries or damages sustained by any person or property in consequence of any neglect in safeguarding the work or through the use of unacceptable materials in the construction of the improvement, or on account of any act of omission by the Contractor. He shall not be released from said responsibility until the roadway has been completed and accepted, and so much of the money due the said Contractor under and by virtue of his contract may be retained by the

County, or his Surety may be held until such claims have been settled and suitable evidence to that effect furnished to the County.

All barricades, whether temporary or permanent, shall be checked daily to see if they are in their proper location.

670.5 Measurement. Except for Permanent Type III barricades, this item shall not be measured for payment. Permanent Type III barricades shall be measured by each unit of barricade constructed, complete in place.

670.6 Payment. Except for Permanent Type III barricades, payment shall not be made for this item. Temporary Barricades shall be paid for in accordance with Item 671, "Traffic Control".

The basis of payment for Type III barricades shall be the contract unit price bid per each unit, which price shall be full compensation for furnishing and placing all materials and for all labor, tools, equipment and incidentals necessary to complete the work.

There are line code(s), description(s), and unit(s) for this item.

Note: This specification requires drawings that shall be incorporated into the proposed standard construction drawings.

END OF ITEM 670