

SECTION 9.79
CONSTRUCTION BARRICADES

9.79.01--Description: Under this item the Contractor shall furnish all construction barricades of the specified type required on the project to conform to the requirements stated in the item "Maintenance and Protection of Traffic," as shown on the plans and as directed by the Engineer.

9.79.02--Materials: Construction barricades shall consist of the following materials:

The frame shall be of polyvinyl chloride pipe conforming to ASTM D 2241 for PVC 1120 or 1220, SDR21 (pressure rating 1380 kPa); ASTM D3034, SDR 35 or an approved equal. All straight members shall be of white color.

Wyes, tees and elbows for joint connections shall be polyvinyl chloride of suitable size and strength for the purpose intended.

Joints shall not be glued and a 5.0 mm nylon rope (or equivalent) shall be threaded loosely through the pipe to keep sections from flying if hit by a vehicle.

Face panels used as horizontal members shall be constructed of a suitable plastic material, 1.5 mm high impact styrene, anodized aluminum of no less than 0.64 mm thickness or a comparable substitute approved by the Engineer.

All hardware shall be in accordance with standard commercial specifications and shall be approved by the Engineer.

Reflective sheeting shall conform to the requirements of Article M.18.09.

Materials Certificates shall be required confirming conformance to the requirements set forth in the plans and specifications for these barricades.

9.79.03--Construction Methods : The Contractor shall furnish a sufficient number of construction barricades required for the traffic patterns for all operations which are being undertaken concurrently. The barricades shall be constructed in a neat and workmanlike manner to the satisfaction of the Engineer.

Alternate stripes of white and orange Type III or Type VI reflective sheeting shall be applied to the horizontal members as shown on the plans. Only one type sheeting shall be used on a barricade and all barricades furnished on a construction project shall have the same type of reflective sheeting.

Any barricades that are missing, damaged, or defaced so that they are not effective, as determined by the Engineer and in accordance with the ATSSA guidelines contained in "Quality Standards for Work Zone Traffic Control Devices," shall be replaced by the Contractor at no cost to the State.

When the barricades are no longer required on the project, they shall be removed from highway property and shall remain the property of the Contractor.

9.79.04--Method of Measurement: This work will be measured for payment by the number of construction barricades used on the project.

9.79.05--Basis of Payment: This item will be paid for at the contract unit price each for "Construction Barricade" of the type specified and used on the project. Each barricade will be paid for once, regardless of the number of times it is used on the project.

Pay Item
Construction Barricade (Type)

Pay Unit
EA.