

**SECTION 9.78  
TRAFFIC DRUM**

**9.78.01--Description:** Under this item the Contractor shall furnish all traffic drums required on the project to conform to the traffic patterns, as indicated in the "Maintenance and Protection of Traffic," as shown on the plans and as directed by the Engineer.

**9.78.02--Materials:** Traffic Drums shall be manufactured plastic or rubber devices designed in accordance with the latest edition of the MUTCD. The design of the device will allow for the installation of barricade warning lights. The device shall be stabilized with the use of sandbags or other approved means.

The traffic drum shall have as a minimum two 100 mm wide reflectionized orange stripes and two 150 mm wide reflectionized white stripes. The stripes shall be placed horizontally and alternated with the orange stripe on top. The alternated stripes should not touch. The sections of the traffic drum not covered with reflective sheeting shall be orange.

Either Type III or Type VI Reflective Sheeting, in accordance with Subarticle M.18.09.01, shall be used on traffic drums. Only one type sheeting shall be used on a drum and all drums furnished on a construction project shall be manufactured with the same type reflective sheeting. Reflective sheeting shall conform to the requirements of Article M.18.09.01. For this material, a Materials Certificate shall be required.

**9.78.03--Construction Methods:**

The Contractor shall have, available on the project, a sufficient number of traffic drums to fulfill all the requirements, as specified in the contract, to provide adequate traffic control on roadways during periods of unforeseen circumstances or emergencies.

Traffic drums shall be designed and installed in accordance with the plans, the MUTCD latest edition, and as directed by the Engineer.

Any traffic drum that is missing, damaged or defaced so that it is 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.

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

**9.78.04--Method of Measurement:** This work will be measured for payment by the number of traffic drums used on the project.

**9.78.05--Basis of Payment:** This item will be paid for at the contract unit price each for "Traffic Drum" used on the project. Each drum will be paid for once, regardless of the number of times it is used on the project.

Pay Item	Pay Unit
Traffic Drum	EA.