

**SECTION 12.20**  
**CONSTRUCTION SIGNS --**  
**TYPE III REFLECTIVE SHEETING**

**12.20.01--Description:** Under this item the Contractor shall furnish sheet aluminum or plywood construction signs and their required portable supports or metal sign posts on the project to conform to the signing requirements stated in the item "Maintenance and Protection of Traffic," as shown on the plans and/or as directed by the Engineer. The Contractor shall furnish a sufficient number of signs to provide the signing patterns for all operations which are being undertaken concurrently.

**12.20.02--Materials:** All sign faces shall be reflectorized. Reflective sheeting shall conform to the requirements of Article M.18.09 (Type III). Sheet aluminum sign blanks, metal sign posts and silk screening of sign faces shall conform to the requirements of Article 12.08.02 and 12.08.03. For this item, a Materials Certificate shall be required.

**12.20.03--Construction Methods:** The signs and their portable supports or metal posts shall conform to the requirements as shown on the plans and the latest edition of the "Manual on Uniformed Traffic Control Devices." Drawings of the signs, showing placement and dimensions of legend and border, are available for inspection at the Division of Traffic, Connecticut Department of Transportation.

Various types of portable sign supports may be used. These portable supports shall be fabricated in such a manner as to minimize the possibility of the signs being blown over or displaced by the wind from passing vehicles and are to be of a yielding type to withstand impact with minimal damage to the signs, supports, or vehicles. Portable sign supports shall be approved by the Engineer before they are utilized on the project.

Signs in other than good condition shall be replaced with acceptable signs as determined by the Engineer.

Suitable attachments shall be provided so that the signs can be firmly attached to the portable sign supports or metal posts without causing damage to the signs.

**12.20.04--Method of Measurement:** These signs will be measured for payment by the number of square meters of construction signs--Type III reflective sheeting delivered and used on the project.

**12.20.05--Basis of Payment:** This item will be paid for at the Contract unit price per square meter for "Construction Signs--Type III Reflective Sheeting," delivered and used on the project, which price shall include the signs, portable sign supports, metal sign posts and all hardware required to attach the sign to the support or posts. Each sign and support or posts furnished will be paid for once, regardless of the number of times it is utilized on the project. Any signs that become damaged, de-utilized or illegible so that they are not effective, in the opinion of 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 signs and their portable sign supports or metal posts are no longer required on the project, they shall be removed from the highway property and shall remain the property of the Contractor.

Pay Item	Pay Unit
Construction Signs - Type III Reflective Sheeting	m <sup>2</sup>