

600 INCIDENTALS

ITEM 620 - DELINEATORS

- 620.01 Description**
- 620.02 Materials**
- 620.03 Layout**
- 620.04 Removal, Storage or Disposal**
- 620.05 Installation**
- 620.06 Method of Measurement**
- 620.07 Basis of Payment**

620.01 Description. This item shall consist of furnishing and installing delineators or reflectors, the removal of existing delineators for storage or disposal, and the restoration of the surface where delineators are removed. Delineators shall consist of reflectors mounted on steel or flexible posts or brackets. Round reflectors shall be prismatic. Rectangular reflectors shall be reflective sheeting adhered to either a flexible post or an aluminum plate; or an acrylic prismatic reflector in an aluminum housing. Where specified, reflectors shall be furnished separately. The color of reflectors of each type shall be:

- Type A Round colorless
- Type B Round yellow
- Type C Rectangular colorless
- Type D Rectangular yellow
- Type E Rectangular red

Delineators shall conform to the requirements of the OMUTCD for Streets and Highways.

620.02 Materials. Delineator materials shall meet the following requirements:

Reflectors	720.01
Post	720.03
Posts, steel.....	721.20 No. 1
Concrete (Class C or Class F)	499
Brackets	730.09
Reflective sheeting	730.19
Plates and housings	720.01
Steel hardware	730.08
Stainless steel hardware	730.10
Aluminum hardware.....	730.17

Flexible posts shall be the same composition and physical properties as posts of the same manufacturer's identification prequalified in accordance with ODOT Supplemental

Specification 1020. The City will furnish the names of manufacturers and identification of ODOTs prequalified flexible posts upon request.

620.03 Layout. The Contractor shall layout all delineator locations to assure their proper placement. The layout shall be approved by the Engineer before installation operations are started.

620.04 Removal, Storage or Disposal. This work shall consist of the removal of delineators, including reflectors, posts, brackets, and miscellaneous hardware, and storage on the project for salvage by the City or disposal by the Contractor. Concrete for delineator post embedment shall be removed a disposed of by the Contractor. Removal shall also include the restoration of surfaces where delineator posts or concrete for embedment are removed. Delineators designated for salvage by the City shall be removed without unnecessary damage and stored by the Contractor at places approved by the Engineer within the project limits. Delineators removed for disposal shall become the property of the Contractor.

620.05 Installation. Delineators shall be installed facing traffic, except that red reflectors shall be installed facing wrong-way traffic. Each reflector to be mounted on steel drive posts shall be supplied with the necessary fasteners. The protective paper covering the face of flexible post mounted reflectors shall not be removed until after installation. Posts shall not be more than 1/4 inch (6.4 mm) per foot (0.3 m) out of plumb. If soil conditions would cause the post to be out of plumb, the Contractor may drive a pilot shaft before installation.

Flexible post installation methods and equipment shall comply with the post manufacturer's recommendations on file with the Director unless prior written approval of alternate techniques are obtained from the Director.

620.06 Method of Measurement. The number of delineators of each type and kind shall be the actual number, including reflectors, supports and hardware, in place, completed and accepted.

Where separately itemized, the number of reflectors shall include the actual number by type, furnished and installed including labor and hardware.

The number of delineators removed shall be the actual number including all labor, materials and equipment necessary to remove the delineators for storage or disposal.

620.07 Basis of Payment. Payment for accepted quantities will be made at the contract price for:

Item	Unit	Description
620	Each	Delineator, Type _____ (Steel, Flexible) Post Mounted

620	Each	Delineator, Type _____ Bracket Mounted
620	Each	Temporary Delineator, Type _____
620	Each	Delineator Removed for (Storage or Disposal)
620	Each	Reflector, Type _____