

Amend **Section 621 - Traffic Control Signs** to read as follows:

"SECTION 621 - TRAFFIC CONTROL SIGNS

621.01 Description. This work includes furnishing and installing sign posts and foundations, reflector markers, object markers, signs, sign panels, route markers, construction signs, milepost markers, removing, storing, and installing sign panels, and incidental work necessary to complete the work.

621.02 Materials. Retroreflective sheeting type shall conform to ASTM Designation D 4956-89 or as amended according to Subsection 712.20.

621.03 Construction Requirements.

(A) Sign Supports. Install permanent signs on posts as specified in the contract. Set the posts plumb at the required locations.

(1) Sign Posts. Use flange channel posts or 12 or 14 gauge square tube posts of the size specified in the plans for:

- (a)** Regulatory, warning, and construction signs,
- (b)** Bikeway signs,
- (c)** School area signs,
- (d)** Route marker assemblies,
- (e)** Civil Defense signs, or
- (f)** Conventional motorist services signs.

(2) Reflector Marker, Milepost Marker, And Type II Object Marker Posts. Reflector marker, milepost marker, and Type II object marker posts shall be either metal posts or flexible delineator posts as specified in the contract. Zinc-coat the metal posts. The metal post shall be 1.12 pounds per foot flanged channel posts or 1-1/2 inch, 12 or 14 gauge square tube posts.

(B) Reflector Marker. Make the reflector marker according to the dimensions and notes shown in the contract:

- (1)** Reflector markers RM-1, RM-2, and RM-3 shall be either:
 - (a)** Type III or IV retroreflective sheeting markers,

- (b) Glass sphere reflector markers with 4 inch by 5 inch reflector units, or
 - (c) Plastic prismatic reflector markers with 3 inch diameter reflector units.
- (2) Reflector marker RM-4 shall be a Type III or IV retroreflective sheeting marker.
- (3) Reflector marker RM-9 shall be either:
 - (a) Nine 3 inch round amber plastic prismatic reflectors fastened with blind rivets to a yellow Type III or IV retroreflective sheeting marker, or
 - (b) A yellow Type III or IV retroreflective sheeting marker of the dimensions shown in the contract.
- (C) **Type II Object Marker.** Make Type II object markers according to the dimensions and notes shown in the contract. Reflective sheeting material shall conform to Subsection 712.20(C)(4) - Type III or IV Retroreflective Sheeting.
- (D) **Splicing of Sheet Reflecting Material.** When using reflecting material as a background or signs with sheet aluminum backing, the Engineer will not allow splicing on legends. The reflecting material shall be of one piece whenever the sign dimensions are 4 feet by 6 feet or less.
- (E) **Removal of Existing Signs.** Remove, clean, and store the existing regulatory, warning, expressway, destination and directional signs and markers that the Contractor will not incorporate in the completed project at a location as ordered by the Engineer. The Engineer will decide which items are for disposal or storage.
- (F) **Labeling of Signs.** Label the back of each new sign installed with the following information:
 - (1) Route Number,
 - (2) Mile Post (same as the existing sign), and
 - (3) Date (date the Contractor installs the sign).

The labeling shall be 1 inch high numbers using a black permanent felt-tipped marker.