ITEM 627 REBOUNDABLE TRAFFIC POST

627.01 Description. This work consists of furnishing and installing a high performance surface mounted flexible, reboundable plastic channelization and delineation post assembly. This device is to be bonded to asphalt or concrete surfaces to provide traffic control in areas requiring a high visibility impact resistance device.

627.02 Materials. Furnish posts made of a durable plastic material that is resistant to impact, ultraviolet light, ozone and hydrocarbons, and that is self-erecting after withstanding multiple vehicle impacts at temperatures of -30°F (-34°C) to +130°F (54°C) without loss of serviceability. Provide reboundable traffic posts according to the City’s QPL.

627.03 Design. The flexible post assembly shall incorporate a round vertical post, a post to base attachment assembly, and a low profile base. The post to base attachment assembly shall be designed so as to make assembly and/or post replacement quick and easy. Posts shall have a uniform diameter, top to bottom.

Minimum post diameter shall be 2 1/4 inches (56 mm) and the maximum diameter shall be 3 inches (76 mm).

Post height shall be 36 inches (0.9 m), unless otherwise specified.

627.04 Installation. Install posts in the location and of the color specified in the plan.

Bond temporary posts to the pavement surface using a flexible mastic pad, included with each post. Bond permanent posts to the pavement surface using a heat applied thermoplastic “super bundy” pad or epoxy. Cover the entire surface of the base with the pad or epoxy.

627.05 Color. The color of the post shall be yellow, white or orange as dictated by appropriate section of the Ohio Manual of Uniform Control Devices (OMUTCD) guidelines for particular application.

627.06 Reflective Strips. On each post, provide two 6-inch (152 mm) high Type G reflective strips of the appropriate color to meet the requirements of the OMUTCD. Locate one strip as close to the top of the post as possible. Allow for a 6-inch (152 mm) gap between the first and the second strips.

White posts shall have silver white strips; yellow posts shall have yellow strips; and orange posts will have white or yellow strips as specified in the plans.
627.07 Workmanship. Ensure that posts exhibit good workmanship and are free of burns, discoloration, contamination and other objectionable marks or defects which affect appearance or serviceability.

627.08 Method of Measurement. The City will measure the number of Reboundable Traffic Posts by the actual number installed and accepted in the units designated, including layout, premarking and surface preparation.

627.09 Basis of Payment. The City will pay for accepted quantities complete in place at the contract prices as follows:

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>627</td>
<td>Each</td>
<td>Reboundable Traffic Post - (Color) Installed</td>
</tr>
<tr>
<td>627</td>
<td>Each</td>
<td>Reboundable Traffic Post - (Color) (Post Only) Installed</td>
</tr>
<tr>
<td>627</td>
<td>Each</td>
<td>Reboundable Traffic Post - Removed</td>
</tr>
</tbody>
</table>