

**ITEM 627 REBOUNDABLE TRAFFIC POST****627.01 Description****627.02 Materials****627.03 Design****627.04 Installation****627.05 Color****627.06 Reflective Strips****627.07 Workmanship****627.08 Method of Measurement****627.09 Basis of Payment**

**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:

<b>Item</b>	<b>Unit</b>	<b>Description</b>
627	Each	Reboundable Traffic Post - (Color) Installed
627	Each	Reboundable Traffic Post - (Color) (Post Only) Installed
627	Each	Reboundable Traffic Post - Removed