

## 640 PAVEMENT MARKING

### ITEM 647 - REBOUNDABLE TRAFFIC POST

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**647.01 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.

**647.02 Materials.** The post shall be made of a durable plastic material which shall be resistant to impact, ultraviolet light, ozone and hydrocarbons, and shall be self-erecting after withstanding vehicle impacts at temperatures of -30°F (-34°C) to +130°F (54°C) without loss of serviceability.

**647.03 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.

**647.04 Installation.** Post location and color shall be as specified in the plan.

Temporary posts shall be bonded to the pavement surface by means of a flexible mastic pad, included with each post. Permanent posts shall be bonded to the pavement surface by means of a heat applied thermoplastic "super bundy" pad or epoxy. The pad or epoxy shall cover the entire surface of the base.

**647.05 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 guidelines for particular application.

**647.06 Reflective Strips.** Each post shall have two 6 inches (152 mm) high Type G reflective strips of the appropriate color to meet the requirements of the OMUTCD. One strip shall be as close to the top of the post as possible. There shall be a 6 inches (152 mm) gap and then the second strip.

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.

**647.07 Workmanship.** The post shall exhibit good workmanship and shall be free of burns, discoloration, contamination and other objectionable marks or defects which affect appearance or serviceability.

**647.08 Method of Measurement.** The number of reboundable traffic posts will be the actual number installed and accepted in the units designated, including layout, premarking and surface preparation.

**647.09 Basis of Payment.** Payment for accepted quantities complete in place will be made at the contract price for the following:

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