



Traffic Control Device: **Work Zone**

Date of Revision: **March 15, 2002**

Division:

Subject: **Channelizers and Delineators**

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## Purpose

There are several devices available which aid in the guidance of motorists through or around a hazardous area, or work zone.

## Policy

All devices intended for delineation and channelization purposes must be approved by the Department of Transportation and Government Services. They must be designed to yield if struck by an errant vehicle, and must conform with the specifications described herein in terms of size, shape, colour, and reflectivity. Unless otherwise directed, only those delineators and channelizers specified in a Traffic Management Plan (TMP) may be installed in a construction and maintenance work zone. **Traffic cones are intended for daytime operations only and must not be used if the traffic control must be left in place overnight.**

## Standard

The following devices are generally approved for delineation or channelization.

### Plastic Posts ("Polyposts")

Size: 50 mm diameter x 1000 mm, nominal  
Shape: Tubular  
Colour: Orange post with 200 mm wide white reflective sheeting, nominal  
Reflectivity: HI (level 1)

Plastic posts ("polyposts") are available in a variety of sizes and can be used as both delineators and channelizers. They can be implanted in the ground or fitted with bases that can be affixed to the pavement. Polyposts yield when struck by vehicles, are self-recovering and can usually withstand numerous impacts. Only approved polyposts may be used in construction and maintenance work zones.

RECOMMENDED: \_\_\_\_\_  
Director, Traffic Engineering

APPROVED: \_\_\_\_\_  
Executive Director  
Highway Engineering

### **Traffic Cones**

Height: 700 mm, nominal  
Shape: Conical with square broadened base  
Colour: Orange  
Reflectivity: None

Traffic cones are used to channelize traffic and are intended for daytime operations only. **Traffic cones are not reflectorized and must be replaced with different channelizing devices if traffic control is left in place overnight.** Only approved traffic cones may be used in construction and maintenance work zones.

### **Plastic Drums**

Height: 1000 mm, nominal  
Shape: Rectangular, round or octagonal with square broadened base  
Colour: Orange drum with alternate 100 mm wide white and fluorescent orange reflective stripes  
Reflectivity: HI (level 3)

Plastic drums are generally used in work zones where channelization devices will remain in place for prolonged periods of time. Only approved plastic drums may be used in construction and maintenance work zones.

### **Concrete Median Barriers**

Size: 3 m x 0.5 m x 0.8 m  
Shape: F-shaped concrete barriers  
Colour: Grey  
Reflectivity: None

Barrier ends must be adequately protected so as not to present a hazard to motorists.

### **Plastic Median Barriers (Triton Barriers)**

Size: 2 m x 0.5 m x 0.8 m  
Shape: Rectangular  
Colour: 2 Colours: Orange and White  
Reflectivity: None

Barriers must be alternated by colour (i.e., orange, white, orange, white, etc.) Barrier ends must be adequately protected so as not to present a hazard to motorists.