

## 801-C-157 CERTIFICATION OF TEMPORARY TRAFFIC CONTROL DEVICES

(Revised 09-01-05)

**Category 1 Devices**

The Contractor shall certify that the following temporary traffic control devices to be used do not exceed the maximum values shown in the table below, and are considered crashworthy at Test Level 3 in accordance with National Cooperative Highway Research Program Report No. 350.

Device	Composition	Maximum Weight (Mass)	Maximum Height
Single Piece Traffic Cones	Rubber	20 lb (9 kg)	36 in. (920 mm)
	Plastic	20 lb (9 kg)	48 in. (1220 mm)
Tubular Markers	Rubber	13 lb (6 kg)	36 in. (920 mm)
	Plastic	13 lb (6 kg)	36 in. (920 mm)
Single Piece Drums	High Density Plastic	77 lb (35 kg)	36 in. (920 mm)
	Low Density Plastic	77 lb (35 kg)	36 in. (920 mm)
Delineators	Plastic, Fiberglass	N/A	48 in. (1220 mm)

No lights, signs, flags, or other auxiliary attachments are included in the weight (mass) of the devices listed above. Reflective sheeting or reflective buttons are included on delineators. Maximum weights (masses), including ballast, do not exceed the values shown in the table. "Single piece" refers to the construction of the body of the drum exclusive of a separate base, if any.

Type A or type C warning lights in accordance with the following specifications will be allowed on drums if they are firmly attached with vandal resistant 1/2 in. (13 mm) diameter by 4 in. (95 mm) cadmium plated steel bolt with nut and a 1 1/2 in. (38 mm) high cup washer.

1. The weight (mass) shall be no more than 5 lb (2.4 kg).
2. The lens diameter shall be 7 to 8 in. (180 to 200 mm).
3. The height of the light shall be 11 to 14 in. (270 to 340 mm).

**Category II Devices**

Category II temporary traffic control devices include type III barricades, vertical panels, portable sign standards, and other light-weight traffic control devices.

Category II temporary traffic control devices shall be in accordance with the NCHRP Report 350, test level 3.

A form will be provided at the pre-construction conference for the Contractor to complete and return to the Engineer prior to the placement of category I or II traffic control devices.