

January 21, 2003

**MEMORANDUM
03-01**

TO: District Directors
District Construction Engineers
Toll Road Operations Engineer
District Material & Tests Engineers
District Area Engineers
Project Engineers/Supervisors

FROM: Timothy D. Bertram, Chief
Contracts and Construction Division

RE: CERTIFICATION FOR CATEGORY 1 and 2
TEMPORARY TRAFFIC CONTROL DEVICES

This memorandum is primarily being written to inform all construction personnel, particularly the PE/PS in the field, of recent changes concerning this subject. Attached herewith is the new updated copy of the CERTIFICATION FOR CATEGORY 1 and 2 TEMPORARY TRAFFIC CONTROL DEVICES.

The Contractor shall certify that all Category 1 Temporary Traffic Control Devices (see attached certification form for types) to be used on the contract, do not exceed the maximum values shown in table and are considered crashworthy at Test Level 3 in accordance with National Cooperative Highway Research Program Report No. 350.

Furthermore the Contractor will also certify that all Category 2 Temporary Traffic Control Devices in accordance with Department's standards and specifications are considered crashworthy at Test Level 3 in accordance with National Cooperative Highway Research Program Report No. 350. The Contractor (when requested) shall also furnish the Engineer with a FHWA acceptance letter and schematic drawing for all such devices used.

Note: Formerly this certification only covered Category 1 devices in the contract special provisions. At this time with this new update, it will also include Category 2 devices.

This memorandum is to take effect immediately for all 2003 contracts.

TDB:SAT:sat

cc: FHWA
ICI
APAI
CEI
Operations Support

**CERTIFICATION FOR CATEGORY 1 and 2
TEMPORARY TRAFFIC CONTROL DEVICES**

CONTRACT No. _____

This is to certify that the following temporary traffic control devices which are used on the contract described above, 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 Mass (Weight) | Maximum Height |
|----------------------------|----------------------|------------------------------|-----------------------|
| Single Piece Traffic Cones | Rubber | 9 kg (20 lb) | 920 mm (36 in.) |
| | Plastic | 9 kg (20 lb) | 1220 mm (48 in.) |
| Tubular Markers | Rubber | 6 kg (13 lb) | 920 mm (36 in.) |
| | Plastic | 6 kg (13 lb) | 920 mm (36 in.) |
| Single Piece Drums | High Density Plastic | 35 kg (77 lb) | 920 mm (36 in.) |
| | Low Density Plastic | 35 kg (77 lb) | 920 mm (36 in.) |
| Delineators | Plastic, Fiberglass | N/A | 1220 mm (48 in.) |

No lights, signs, flags, or other auxiliary attachments are included in the mass (weight) of the devices listed above. Reflective sheeting or reflective buttons are included on delineators. Maximum masses (weights), 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.

It is further certified that all category 2 devices in accordance with the Department's standards and specifications are also in accordance with NCHRP Report 350, test level 3.

Date

Contractor

Signature of Contractor Official / Title