

ORIGINATION FORM

THE INFORMATION BELOW IS TO BE PROVIDED BY THE ORIGINATOR

(The person who receives or originates the issue and needs to forward the issue for action.)

Modify Specification 702.
Section/File number

New Section _____.
Section number

Subject: Inverted Profile Markings

Origination date: July 8, 2003

Originator: Chester Henson
Office/Phone: Roadway Design/ 414-4117
Email address/ chester.henson@dot.state.fl.us
Userid:

Problem statement: Industry standard method of measurement of retroreflectivity has changed from 15 meter geometry to 30 meter geometry.

Information source: Input was provided from materials lab, construction and maintenance.

Background data: Materials Lab, construction and maintenance currently have the equipment to measure retroreflectivity using the new 30 meter geometry.

Recommended usage note:

Desired implementation date: Beginning with the July 2005 letting.



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JOSÉ ABREU
SECRETARY

MEMORANDUM

DATE: September 24, 2004
TO: Specification Review Distribution List
FROM: Duane F. Brautigam, P.E., State Specifications Engineer
SUBJECT: **Proposed Specifications Change: 7020043 – Inverted Profile,
Wet Weather Traffic Stripes - Retroreflectivity**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change to Inverted Profile, Wet Weather Traffic Stripes - Retroreflectivity.

This change was proposed by Chester Henson of the Roadway Design Office to specify the use of an approved 30 meter instrument, for measuring retroreflectivity.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965DB or duane.brautigam@dot.state.fl.us. Comments received after October 22, 2004 may not be considered. Your input is encouraged.

DFB/sh

Attachment

COMMENTS:

Submitted by:

Phone #:

INVERTED PROFILE, WET WEATHER TRAFFIC STRIPES.
(REV ~~9-10-049-15-04~~)

ARTICLE 702-4.3 (Page 743) is deleted and the following substituted:

*702-4.3 Retroreflectivity: Apply white and yellow pavement markings that will attain an initial retroreflectance of not less than ~~300 cd/ft²~~ (300 mcd/lx*m²) and not less than ~~250 cd/ft²~~ (250 mcd/lx*m², respectively. Use an approved 30- meter instrument for measuring retroreflectivity. ~~Ensure that the intermittent and final retroreflectance of white and yellow pavement markings are not less than 150 cd/ft²~~ (150 mcd/lx*m²). This does not apply to transverse lines, bike lane symbols and longitudinal lines adjacent to or in a proposed bike lane.*