

ORIGINATION FORM

THE INFORMATION BELOW IS TO BE PROVIDED BY THE ORIGINATOR

Modify Specification _____970_____.
Section/File number

New Section _____.
Section number

Subject: Materials for Raised Retro-Reflective Pavement Markers and Bituminous Adhesive

Origination date: April 10, 2006

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

Problem statement: The quality of the Retro-reflective Pavement Markers (RPM) does not meet the needs of the Department. By going back to the old specification we will raise the intermittent retro-reflectivity standards for RPM's.

Information source: Information was coordinated with Construction and State Materials Office.

Background data: The intermittent reflectivity level was reduced in Jan 2001 workbook at the request of manufactures to provide additional time for improvement of markers.

Recommended Usage Note: All Jobs

Expected fiscal impact, if implemented: The Ray-O-Lite marker currently on the QPL was approved under the old specification. The specification change will affect only the material cost of the RPM which is approximately 30% of the installed price. The expected increase in the installed price is 6%.

Implementation of these changes, if and when approved, will begin with the January 2007 letting.



Florida Department of Transportation

JEB BUSH
GOVERNOR

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DENVER J. STUTLER, JR.
SECRETARY

MEMORANDUM

DATE: May 26, 2006, 2006
TO: Specification Review Distribution List
FROM: Duane F. Brautigam, P.E., State Specifications Engineer
SUBJECT: Proposed Specifications Change: **9700133 Raised Retro-Reflective Pavement Markers-In-Service Minimum Reflective Intensity.**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change to Raised Retro-Reflective Pavement Markers-In-Service Minimum Reflective Intensity.

This change was proposed by Chester Henson of the State Roadway Design Office to the number of months that the minimum coefficient of luminous intensity must be maintained, from 12 months to 18 months of not less than 30% of the values shown in Table 1.

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 June 23, 2006 may not be considered. Your input is encouraged.

DFB/bd

Attachment

COMMENTS:

Submitted by:

Phone #:

RAISED RETRO-REFLECTIVE PAVEMENT MARKERS-IN-SERVICE MINIMUM REFLECTIVE INTENSITY.**(REV 5-02-06)**

SUBARTICLE 970-1.3.3 (Page 861) is deleted and the following substituted:

970-1.3.3 In-service Minimum Reflective Intensity: The Class B reflective pavement marker shall retain a minimum coefficient of luminous intensity for ~~18~~¹² months of not less than ~~30~~²⁵% of the values shown in Table 1 of ASTM D 4280, and a minimum luminous intensity of 0.2 cd/fc at the end of two years.