

ORIGINATION FORM

Proposed Revisions to the Specifications

(Please provide all information - incomplete forms will be returned)

Date:

Office:

Originator:

Specification Section:

Telephone:

Article/Subarticle:

email:

Associated Section(s) Revisions:

Will the proposed revision require changes to:

Publication	Yes	No	Office Staff Contacted
Standard Plans Index			
Traffic Engineering Manual			
FDOT Design Manual			
Construction Project Administration Manual			
Basis of Estimate/Pay Items			
Structures Design Guidelines			
Approved Product List			
Materials Manual			

Will this revision necessitate any of the following:

Design Bulletin

Construction Bulletin

Estimates Bulletin

Materials Bulletin

Are all references to external publications current?

Yes

No

If not, what references need to be updated? (Please include changes in the redline document.)

Why does the existing language need to be changed?

Summary of the changes:

Are these changes applicable to all Department jobs?

Yes

No

If not, what are the restrictions?

Contact the State Specifications Office for assistance in completing this form.

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RON DESANTIS
GOVERNOR

KEVIN J. THIBAUT, P.E.
SECRETARY

MEMORANDUM

DATE: December 9, 2021
TO: Specification Review Distribution List
FROM: Daniel Strickland, P.E., State Specifications Engineer
SUBJECT: Proposed Specification: **7100403 Painted Pavement Markings.** *

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change.

The changes are proposed by Karen Byram to change the black retroreflectivity value in the Standard Specification.

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 online at

<http://fdotewp1.dot.state.fl.us/programmanagement/development/industryreview.aspx> .

Comments received after **January 6, 2022**, may not be considered. Your input is encouraged.

* This revision is associated with proposed Standard Specification revision 9710000.

DS/dh

Attachment

PAINTED PAVEMENT MARKINGS.
(REV 11-29-21)

SUBARTICLE 710-4.3 is deleted and the following substituted:

710-4.3 Retroreflectivity: Apply white and yellow standard paint that will attain an initial retroreflectance of not less than $300 \text{ mcd/lx}\cdot\text{m}^2$ and not less than $250 \text{ mcd/lx}\cdot\text{m}^2$, respectively. Apply white and yellow durable paint that will attain an initial retroreflectance of not less than $450 \text{ mcd/lx}\cdot\text{m}^2$ and not less than $300 \text{ mcd/lx}\cdot\text{m}^2$, respectively. Black pavement markings must have a retroreflectance of less than $20 \text{ mcd/lx}\cdot\text{m}^2$.

Measure, record and certify on a Department approved form and submit to the Engineer, the retroreflectivity of white and yellow pavement markings in accordance with FM 5-541.

The Department reserves the right to test the markings within three days of receipt of the Contractor's certification. Failure to afford the Department opportunity to test the markings will result in non-payment. The test readings should be representative of the Contractor's pavement marking performance. If the retroreflectivity values measure below values shown above, reapply the pavement marking at no additional cost to the Department.

For standard paint, ensure that the minimum retroreflectance of white and yellow pavement markings are not less than $150 \text{ mcd/lx}\cdot\text{m}^2$. If the retroreflectivity values for standard paint fall below the $150 \text{ mcd/lx}\cdot\text{m}^2$ value within 180 days of initial application, the pavement marking will be reapplied at the Contractor's expense. If the retroreflectivity values for durable paint fall below the initial values of $450 \text{ mcd/lx}\cdot\text{m}^2$ value for white and $300 \text{ mcd/lx}\cdot\text{m}^2$ for yellow within 180 days of initial application, the pavement marking will be reapplied at the Contractor's expense.