

## ORIGINATION FORM

Date: **8/26/2013**

Originator: Paul Gentry

Contact Information: **850-414-4118**

Specification Title: **701 and 702**

Specification Section, Article, or Subarticle Number: **701-4.2 Thickness** and **702-4.2 Thickness and Dimensions of Markings**

Why does the existing language need to be changed? **To remove the prescriptive language for a profiled baseline thermoplastic material. Until major modifications are made to facilitate usage of this type of marking, this should not be in the specification.**

Summary of the changes: **remove retained language for profiled marking from the specification**

Are these changes applicable to all Department jobs? **yes**

If not, what are the restrictions?

Will these changes result in an increase or decrease in project costs? **no**

If yes, what is the estimated change in costs?

With who have you discussed these changes? **Duane Brautigam, Andy Harper, Stefanie Maxwell, Karen Byram, Barry Smith**

What other offices will be impacted by these changes? **none**

Are changes needed to the PPM, Design Standards, SDG, CPAM or other manual? **no**

Is a Design Bulletin, Construction Memo, or Estimates Bulletin needed? **no**

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

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## ORIGINATION FORM

Date: **8/26/2013**

Originator: Paul Gentry

Contact Information: **850-414-4118**

Specification Title: **701, 702, 711 and 971**

Specification Section, Article, or Subarticle Number: **971-1.6 Color, 711-7 Observation Period, 701-7 Observation Period, 702-7 Observation Period and Contractor's Warranty, 709-7 Observation Period, 713-7 Observation Period**

Why does the existing language need to be changed? **To clarify the intention of DCE Memorandum no. 05-11, DME Memorandum no. 01-11 and DDE Memorandum no. 11-01**

Summary of the changes: **remove retained language for yellow color from the specification**

Are these changes applicable to all Department jobs? **yes**

If not, what are the restrictions?

Will these changes result in an increase or decrease in project costs? **no**

If yes, what is the estimated change in costs?

With who have you discussed these changes? **Duane Brautigam, Andy Harper, Stefanie Maxwell, Karen Byram, Barry Smith**

What other offices will be impacted by these changes? **none**

Are changes needed to the PPM, Design Standards, SDG, CPAM or other manual? **no**

Is a Design Bulletin, Construction Memo, or Estimates Bulletin needed? **no**

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SECRETARY

**M E M O R A N D U M**

**DATE:** September 19, 2013

**TO:** Specification Review Distribution List

**FROM:** Daniel Scheer, P.E., State Specifications Engineer

**SUBJECT:** Proposed Specification: **7010402 Audible and Vibratory Pavement Markings.**

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

This change to the **January 2014 eBook**, was proposed by Paul Gentry of the State Specifications and Estimates Office, Product Evaluation Section, to update the language for current Department practice.

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 SP965DS, or daniel.scheer@dot.state.fl.us. Comments received after **October 17, 2013**, may not be considered. Your input is encouraged.

DS/dt  
Attachment

**AUDIBLE AND VIBRATORY PAVEMENT MARKINGS.**  
**(REV 9-4-13)**

SUBARTICLE 701-4.2 is deleted and the following substituted:

**701-4.2 Thickness:** Apply flat base lines having a thickness of 0.100 to 0.150 inches, exclusive of the audible bumps, when measured above the pavement surface.

~~As an alternative to the flat baseline, a profiled baseline meeting the following dimensions may be applied. For profiled thermoplastic markings make profile measurements above the pavement surface. Provide a baseline thickness not to exceed 0.050 inches. Provide individual profiles across the full width of the marking on approximately 1.0 inch centers with a space between profiles of approximately 0.25 inches and an average thickness of at least 0.110 inches above the baseline profile.~~

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

The Engineer will verify the thickness of the pavement markings in accordance with FM 5-541 within 30 days of receipt of the Contractor's certification.

**Comment [dt1]:** (as per Paul Gentry):  
Until major modifications are made to facilitate usage of this type of marking, this should be removed from the language.

ARTICLE 701-7 (Page 910) is deleted and the following substituted:

**701-7 Observation Period.**

Longitudinal pavement markings are subject to a 180 day observation period under normal traffic. The observation period will begin with the satisfactory completion and acceptance of the pavement marking work.

The longitudinal pavement markings shall show no signs of failure due to blistering, excessive cracking, chipping, discoloration, poor adhesion to the pavement, loss of reflectivity or vehicular damage. The retroreflectivity shall meet the initial requirements of 701-4.4. The Department reserves the right to check the ~~color and~~ retroreflectivity anytime prior to the end of the observation period.

Replace, at no expense to the Department, any longitudinal pavement markings that do not perform satisfactorily under traffic during the 180 day observation period.

**Comment [dt2]:** (as per Paul Gentry):  
To clarify the intention of DCE Memorandum No. 05-11, DME Memorandum No. 01-11 and DDE Memorandum No. 11-01