

ORIGINATION FORM

Date: **June 7, 2013**

Originator: **Stefanie Maxwell**

Contact Information: **850-414-4314**

Specification Title: **Section 701 – Audible and Vibratory Pavement Markings**
 Section 702 – Wet Weather Pavement Markings
 Section 711 – Thermoplastic Traffic Stripes and Markings

Specification Section, Article, or Subarticle Number: **Subarticle 701-4.2 Thickness**
 Subarticle 702-4.2 Thickness
 Subarticle 711-4.2 Thickness

Why does the existing language need to be changed? **Because the contractors requested that the Department measure the thickness within 30 days, if a deficiency was discovered, it would be discovered sooner than later.**

Summary of the changes: **Add requirement to the Specs that require the Engineer to verify the thickness of the thermoplastic within 30 days of receiving the certification from the contractor.**

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? **David Sadler, Rudy Powell, and Chester Henson**

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? **Yes – a DCE memo will be sent out by construction.**

Contact the State Specifications Office for assistance in completing this form.
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ANANTH PRASAD, P.E.
SECRETARY

MEMORANDUM

DATE: June 17, 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 was proposed by Stefanie Maxwell of the State Construction Office to require the Engineer to verify thermoplastic thickness within 30 days of receiving the certification from the Contractor.

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 ST986DS, or daniel.scheer@dot.state.fl.us. Comments received after **July 15, 2013**, may not be considered. Your input is encouraged.

DS/dt
Attachment

AUDIBLE AND VIBRATORY PAVEMENT MARKINGS.
(REV 6-7-13)

SUBARTICLE 701-4.2 (Page 835) 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 within 30 days of receipt of the Contractor's certification. Verification thickness measurements shall be taken in accordance with FM 5-541.