

**ORIGINATION FORM**  
**Proposed Revisions to the Specifications**

**Date:**

**Specification Section:**

**Originator:**

**Articles/Subarticles:**

**Telephone:**

**email:**

**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?**

**Will these changes result in an increase or decrease in project costs?    Yes            No**  
**If yes, what is the estimated change in costs?**

**With who have you discussed these changes?**

**What other offices will be impacted by these changes?**

**Will this revision necessitate changes to the following:    BOE            PPM            SDG            CPAM**

**Design Standards                      List Affected Index Nos.**

**Other manual?**

**Are all references to external publications current?    Yes            No**  
**If not, what references need to be updated (please include changes in the redline)?**

**Will this revision necessitate any of the following:**

**Design Bulletin**

**Construction Bulletin**

**Estimates Bulletin**

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

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*Florida Department of Transportation*

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ANANTH PRASAD, P.E.  
SECRETARY

**MEMORANDUM**

**DATE:** November 20, 2014  
**TO:** Specification Review Distribution List  
**FROM:** Daniel Scheer, P.E., State Specifications Engineer  
**SUBJECT:** Proposed Specification: **2340900 Superpave Asphalt Base.**

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

The changes are proposed by Richard Hewitt of the State Construction Office to eliminate the Arithmetic Mean and simplify the method to determine pay quantities and adjustments for asphalt pay items.

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://www2.dot.state.fl.us/SpecificationsEstimates/Development/IndustryReview.aspx> . Comments received after **December 18, 2014**, may not be considered. Your input is encouraged.

DS/ot  
Attachment

**SUPERPAVE ASPHALT BASE**  
**(REV 11-7-14)**

ARTICLE 234-9 is deleted and the following substituted:

**234-9 Method of Measurement.**

The quantity to be paid for will be the plan quantity. The pay area will be adjusted based upon the following formula:

Pay Area = Surface Area (~~Project Average Spread Rate/Specified Spread rate for the Total Thickness~~*Actual Tonnage Placed/Adjusted Plan Quantity Tonnage*).

Where: The ~~project average spread rate is calculated by totaling the arithmetic mean of the average daily spread rate values for each layer,~~*adjusted plan quantity tonnage is determined*~~calculated by multiplying the plan quantity square yards (including any Engineer approved quantity revisions in accordance with per Section 9-3) times and the specified spread rate for the total thickness is based upon the plan thickness converted to spread rate~~ as defined in 234-8.1~~and dividing by 2,000 lb./ton, except that the pay item's tonnage-weighted  $G_{mm}$  of the mixes used on the project for that pay item is used instead of the design  $G_{mm}$  as defined in 234-8.1.~~

The pay area shall not exceed 105% of the designed surface area.

Prepare a Certification of Quantities, using the Department's current approved form, for the certified Superpave Asphalt Base pay item. Submit this certification to the Engineer no later than Twelve O'clock noon Monday after the estimate cut-off or as directed by the Engineer, based on the quantity of asphalt produced and accepted on the Contract. The certification must include the Contract Number, FPID Number, Certification Number, Certification Date, period represented by Certification, and the tons produced for each asphalt pay item.