

ORIGINATION FORM

Date: 5-18-11

Originator: Greg Sholar

Contact Information: SMO (352-955-2920)

Specification Title: Superpave Asphalt Base

Specification Section, Article, or Subarticle Number: 234

Why does the existing language need to be changed? There is a conflict with specification references to section 320 due to a rewrite of that section.

Summary of the changes: Change the specification reference in article 234-4 and subarticle 234-8.1.

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? SMO Bituminous staff

What other offices will be impacted by these changes? Construction, but not in a negative way.

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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ANANTH PRASAD, P.E.
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M E M O R A N D U M

DATE: June 2, 2011
TO: Specification Review Distribution List
FROM: Rudy Powell, Jr., P.E., State Specifications Engineer
SUBJECT: Proposed Specification: 2340400 Superpave Asphalt Base.

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

This change was proposed by Greg Sholar to correct the conflict with specification references to Section 320 due to a rewrite of that section.

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 SP965RP or rudy.powell@dot.state.fl.us. Comments received after **June 30, 2011** may not be considered. Your input is encouraged.

RP/cah
Attachment

SUPERPAVE ASPHALT BASE.
(REV 5-19-11)

ARTICLE 234-4 (Page 219) is deleted and the following substituted:

234-4 Contractor's Process Control.

Meet the requirements of ~~320-2~~, 330-2 and 334-4.

SUBARTICLE 234-8.1 (of the Supplemental Specification) is deleted and the following substituted:

234-8.1 General: The total thickness of the Type B asphalt layers will be the plan thickness as shown in the Contract Documents. Before paving, propose a thickness for each individual layer meeting the requirements of this specification, which when combined with other layers (as applicable) will equal the plan thickness. For construction purposes, the plan thickness and individual layer thickness will be converted to spread rate based on the maximum specific gravity of the asphalt mix being used, as well as the minimum density level, as shown in the following equation:

$$\text{Spread rate (lbs. per square yard)} = t \times G_{\text{mm}} \times 43.3$$

Where: t = Thickness (in.) (Plan thickness or individual layer thickness)

G_{mm} = Maximum specific gravity from the verified mix design

The weight of the mixture shall be determined as provided in ~~320-2~~3.2. For target purposes only, spread rate calculations should be rounded to the nearest whole number.