

## ORIGINATION FORM

Date: **11-02-12**

Originator: **Greg Sholar**

Contact Information: **352.955.2920**      **gregory.sholar@dot.state.fl.us**

Specification Title: **Superpave Asphalt Base**

Specification Section, Article, or Subarticle Number: **234**

Why does the existing language need to be changed? **To address issues in the field and make compliant with other specification changes.**

Summary of the changes: **1. Will allow traffic level D or E mixtures to be used as base mix in limited circumstances, as approved by the Engineer. 2. Removes reference to recycling agents, which are eliminated in Section 916.**

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? **Asphalt specifications working group comprised of Department and Industry representatives.**

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

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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## *Florida Department of Transportation*

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ANANTH PRASAD, P.E.  
SECRETARY

### MEMORANDUM

**DATE:** December 4, 2012  
**TO:** Specification Review Distribution List  
**FROM:** Trey Tillander, State Specifications Engineer  
**SUBJECT:** Proposed Specification: **2340100 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 Gregory Sholar, State Materials Office, to address issues in the field and to ensure consistency with other specification changes.

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 SP965TT or [trey.tillander@dot.state.fl.us](mailto:trey.tillander@dot.state.fl.us). Comments received after **January 1, 2013**, may not be considered. Your input is encouraged.

TT/cah  
Attachment

**SUPERPAVE ASPHALTBASE.**  
**(REV 11-20-12)**

ARTICLE 234-1 (Page 215) is deleted and the following substituted:

**234-1 Description.**

Construct a Superpave Asphalt Concrete base course as defined in these Specifications. Base course mixes are designated as B-12.5. The Contractor may use a Type SP-12.5 mixture, (Traffic Level B or C) in lieu of a Type B-12.5. *Traffic Level D or E mixtures may be used in lieu of Type B-12.5 mixtures in limited situations if approved by the Engineer.*

SUBARTICLE 234-2.1 (Page 215) is deleted and the following substituted:

**234-2.1 General:** Use materials that conform to the requirements of Division III. Specific references are as follows:

Superpave PG Asphalt Binder ~~or~~  
~~Recycling Agent~~..... *Section 916-1, 916-2*  
Coarse Aggregate, Stone, Slag or  
Crushed Gravel .....Section 901  
Fine Aggregate.....Section 902

SUBARTICLE 234-3.2 (Page 215) is deleted and the following substituted:

**234-3.2 Mix Design:** Unless otherwise specified, design the mix such that all requirements for a Type SP-12.5, Traffic Level B or C mixture as specified in Section 334 are met. *Traffic Level D or E mixtures may be used in lieu of Type B-12.5 mixtures in limited situations if approved by the Engineer.*

**234-3.2.1 Gradation Classification:** Use a fine mix as defined in 334-3.2.2.1.

**234-3.2.2 Aggregate Consensus Properties:** Meet the aggregate consensus properties at design as specified in 334-3.2.3. Meet the criteria specified for a depth of top of pavement layer from surface of greater than 4 inches.

**234-3.2.3 Mix Design Revisions:** Meet the requirements of 334-3.3.