

ORINATION FORM

THE INFORMATION BELOW IS TO BE PROVIDED BY THE ORIGINATOR (The person who receives or originates the issue and needs to forward the issue for action.)

Specification: 300

Subject: Prime and Tack Coats for Base Courses

Origination date: May 21, 2010

Originator: Greg Sholar

Office/Phone: State Materials Office / 352.955.2920

Problem statement: 1. There exists minor confusion related to the recording of tack coat spread rates.

Proposed solution: 1. Add a few words in subarticle 300-8.4 to clear up the confusion.

Information source: SMO Bituminous staff. Project personnel.

Recommended Usage Note: All asphalt projects.

Estimated fiscal impact, if implemented: None.

Implementation of these changes, if and when approved, will begin with the January 2011 letting.

For State Specifications Office Use Only

Begin date:

File Number:

Scheduled completion date:

Implementation date:

Implementation team member:

Usage Note:

Notes:



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MEMORANDUM

DATE: July 2, 2010
TO: Specification Review Distribution List
FROM: Rudy Powell, Jr., P.E., State Specifications Engineer
SUBJECT: Proposed Specification: **3000804 Prime and tack Coats for Base Courses.**

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

These changes were proposed by Greg Sholar of the State Materials Office for general cleanup and formatting and to clarify the language relating to documenting tack coat spread rates.

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 ST986RP or rudy.powell@dot.state.fl.us. Comments received after **July 30, 2010** may not be considered. Your input is encouraged.

RP/dt
Attachment

PRIME AND TACK COATS FOR BASE COURSES.

(REV ~~65-1024-10~~)

SUBARTICLE 300-8.4 (of the Supplemental Specifications) is deleted and the following substituted:

300-8.4 Rate of Application: Use a rate of application as defined in Table 300-1. Control the rate of application to be within \pm *plus or minus* 0.01 gal. *per square yard*/yd² of the target application rate. The target application rate may be adjusted by the Engineer to meet specific field conditions. Determine *and record* the rate of application a minimum of twice per day, once at the beginning of each day's production and *again* as needed to control the operation. When using RA-550, multiply the target rate of application by 0.6.

Table 300-1 Tack Coat Application Rates		
Asphalt Mixture Type	Underlying Pavement Surface	Target Tack Rate (gal/yd ²)
Base Course, Structural Course, Dense Graded Friction Course	Newly Constructed Asphalt Layers	0.02 minimum
	Milled Surface or Oxidized and Cracked Pavement	0.06
	Concrete Pavement	0.08
Open Graded Friction Course	Newly Constructed Asphalt Layers	0.05
	Milled Surface	0.07