Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

THOMAS F. BARRY, JR.
SECRETARY

January 13, 2003

Mr. Donald Davis
Program Operations Engineer
Federal Highway Administration
227 N. Bronough Street, Suite 2015
Tallahassee, Florida 32301

Re: Office of Design, Specifications
Section 300
Proposed Specification: D3000084.D02 – Application of Tack Coat – Rate of Application

Dear Mr. Davis:

We are submitting, for your approval, two copies of a proposed Supplemental Specification for Application of Tack Coat – Rate of Application.

This change has been developed by Gale Page, of the State Materials Office to reduce costs.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965DB or duane.brautigam@dot.state.fl.us.

If you have any questions relating to this specification change, please call Duane F. Brautigam, State Specifications Engineer at 414-4110.

Sincerely,

Duane F. Brautigam, P.E.
State Specifications Engineer

DFB/sh
Attachment
cc: General Counsel
Florida Transportation Builders' Assoc.
State Construction Engineer

APPLICATION OF TACK COAT – RATE OF APPLICATION.
(REV ~~10-14-02~~ *~~1-9-03~~1-13-03*)

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 between 0.02 ~~and~~*to* 0.08 gal/yd^2 [0.09 ~~and~~*to* 0.36 L/m^2]. ~~For tack coat applied on concrete pavement which is to be surfaced, use a rate of application that exceeds the upper limit when directed by the Engineer. For open-graded friction course, set the target rate of application at 0.045 gal/yd^2 [0.20 L/m^2]. Determine the application rate at the beginning of each day's production, and as needed to control the operation, a minimum of twice per day.~~*~~Reduce the rate of application by one-half when using RA-500. The rate of application when using RA-500 shall be multiplied by 0.6.~~ The rate of application will be approved by the Engineer and may be varied or adjusted by the Engineer to meet specific field conditions. For mix placed directly on concrete pavement, set the target rate of application at 0.08 gal/yd^2 [0.36 L/m^2]~~; this target rate may be set higher when directed by the Engineer~~. For mix placed on a milled surface or where the existing surface is oxidized and cracked, set the target rate of application rate at 0.06 gal/yd^2 [0.27 L/m^2]. For o~~O~~pen-graded f~~F~~riction ~~C~~course, set the target rate of application at 0.045 gal/yd^2 [0.20 L/m^2]. For mix placed on newly constructed asphalt layers, set the rate of application at 0.02 gal/ yd^2 [0.09 L/m^2]. Determine the rate of application at the beginning of each day's production, and as needed to control the operation, a minimum of twice per day. Control the rate of application to be within plus or minus 0.01 gal/yd^2 [0.045 L/m^2] ~~10%~~ of that approved by the Engineer. When using RA-500, multiply the target rate of application by 0.6.

APPLICATION OF TACK COAT – RATE OF APPLICATION.
(REV 1-13-03)

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 between 0.02 to 0.08 gal/yd^2 [0.09 to 0.36 L/m^2]. The rate of application will be approved by the Engineer and may be varied or adjusted by the Engineer to meet specific field conditions. For mix placed directly on concrete pavement, set the target rate of application at 0.08 gal/yd^2 [0.36 L/m^2]. For mix placed on a milled surface or where the existing surface is oxidized and cracked, set the target rate of application rate at 0.06 gal/yd^2 [0.27 L/m^2]. For open-graded friction course, set the target rate of application at 0.045 gal/yd^2 [0.20 L/m^2]. For mix placed on newly constructed asphalt layers, set the rate of application at 0.02 gal/ yd^2 [0.09 L/m^2]. Determine the rate of application at the beginning of each day's production, and as needed to control the operation, a minimum of twice per day. Control the rate of application to be within plus or minus 0.01 gal/yd^2 [0.045 L/m^2] of that approved by the Engineer. When using RA-500, multiply the target rate of application by 0.6.