

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: 341

Subject: Asphalt Rubber Membrane Interlayer

Origination date: May 29, 2009

Originator: Gale Page

Office/Phone: State Materials Office / 352.955.2903

Problem statement: Specification needs more thorough reference to 336.

Proposed solution: Cleanup of 341 with respect to referencing 336 .

Information source: SMO Bituminous staff.

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 2010 letting.



Florida Department of Transportation

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M E M O R A N D U M

DATE: June 10, 2009
TO: Specification Review Distribution List
FROM: Rudy Powell, Jr., P.E., State Specifications Engineer
SUBJECT: Proposed Specification: 3410400, Asphalt Rubber Membrane Interlayer

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

This change was proposed by Tom Malerk to provide a more thorough reference to Section 336.

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 10, 2009, may not be considered. Your input is encouraged.

RP/dr
Attachment

**ASPHALT RUBBER MEMBRANE INTERLAYER.
(REV 6-1-09)**

ARTICLE 341-4 (Pages 314 and 315) is deleted and the following substituted:

341-4 Contractor's Quality Control.

Provide the necessary quality control of the asphalt rubber binder-, and *interlayer* construction in accordance with the Contract requirements. Provide in the Quality Control Plan procedures for monitoring and controlling of rate of application. If the rate of application varies by more than 5% from the rate set by the Engineer in accordance with 341-6, immediately make all corrections necessary to bring the spread rate into the acceptable range. The Engineer may take additional measurements at any time. The Engineer will randomly check the Contractor's measurement to verify the spread rate.

ARTICLE 341-5 (Page 315) is deleted and the following substituted:

341-5 Preparation of Asphalt Rubber Binder.

Meet the requirements of Section 336 Asphalt Rubber Binder, particularly noting testing and action requirements to be met at the project site. Combine the materials as rapidly as possible for such a time and at such a temperature that the consistency of the binder approaches that of a semi-fluid material. ~~Use the time and temperature for blending of the asphalt rubber binder as specified in Table 336-1.~~ The Engineer will be the sole judge of when the material has reached application consistency and will determine if an extender oil or diluent is needed for that purpose. After reaching the proper consistency, proceed with application immediately. Never hold the mixture at temperatures over 350°F for more than six hours after reaching that temperature.