



*Florida Department of Transportation*

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SECRETARY

January 3, 2017

Khoa Nguyen  
Director, Office of Technical Services  
Federal Highway Administration  
3500 Financial Plaza, Suite 400  
Tallahassee, Florida 32312

Re: State Specifications Office  
Section: **337**  
Proposed Specification: **3370302 Asphalt Concrete Friction Courses.**

Dear Mr. Nguyen:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

The changes are proposed by Greg Sholar of the State Materials Office (SMO) to update the language.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to [dan.hurtado@dot.state.fl.us](mailto:dan.hurtado@dot.state.fl.us).

If you have any questions relating to this specification change, please call me at 414-4130.

Sincerely,

Signature on file

Dan Hurtado, P.E.  
State Specifications Engineer

DH/dt

Attachment

cc: Florida Transportation Builders' Assoc.  
State Construction Engineer

**ASPHALT CONCRETE FRICTION COURSES.**  
**(REV 11-10-16)**

SUBARTICLE 337-3.2.1.4 is deleted and the following substituted:

**337-3.2.1.4 Liquid Anti-strip Additive:** Use a liquid anti-strip additive ~~at a rate of 0.5% by weight of the asphalt binder~~ for mixtures containing limestone aggregate. ~~Other rates of anti-strip additive may be used upon approval of the Engineer.~~

SUBARTICLE 337-3.2.2.1 is deleted and the following substituted:

**337-3.2.2.1: Aggregates:** Use an aggregate blend that consists of crushed granite, crushed Oolitic limestone, other crushed materials (as approved by the Engineer for friction courses per Rule 14-103.005, Florida Administrative Code), or a combination of the above. Crushed limestone from the Oolitic formation may be used if it contains a minimum of 12% silica material as determined by FM 5-510 and the Engineer grants approval of the source prior to its use. As an exception, mixes that contain a minimum of 60% crushed granite may either contain: up to 40% fine aggregate from other sources or a combination of up to 20% RAP and the remaining fine aggregate from other sources. Mixtures utilizing High Polymer binder are not allowed to contain RAP.

A list of aggregates approved for use in friction course may be available on the Department's website. The URL for obtaining this information, if available, is: <ftp://ftp.dot.state.fl.us/fdot/smo/website/sources/frictioncourse.pdf> .

**ASPHALT CONCRETE FRICTION COURSES.**  
**(REV 11-10-16)**

SUBARTICLE 337-3.2.1.4 is deleted and the following substituted:

**337-3.2.1.4 Liquid Anti-strip Additive:** Use a liquid anti-strip additive for mixtures containing limestone aggregate.

SUBARTICLE 337-3.2.2.1 is deleted and the following substituted:

**337-3.2.2.1: Aggregates:** Use an aggregate blend that consists of crushed granite, crushed Oolitic limestone, other crushed materials (as approved by the Engineer for friction courses per Rule 14-103.005, Florida Administrative Code), or a combination of the above. Crushed limestone from the Oolitic formation may be used if it contains a minimum of 12% silica material as determined by FM 5-510 and the Engineer grants approval of the source prior to its use. As an exception, mixes that contain a minimum of 60% crushed granite may either contain: up to 40% fine aggregate from other sources or a combination of up to 20% RAP and the remaining fine aggregate from other sources. Mixtures utilizing High Polymer binder are not allowed to contain RAP.

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