



# Florida Department of Transportation

JEB BUSH  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

DENVER J. STUTLER, JR.  
SECRETARY

July 21, 2005

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

Re: Office of Design, Specifications  
Section 546  
Proposed Specification: 5460200 – Rumble Strips.

Dear Mr. Davis:

We are submitting, for your approval, two copies of a proposed Supplemental Specification for Rumble Strips.

These changes were made by Karen Byram, of the State Specifications Office as a result of changes made to Sections 560, 561, 562, 971 or the addition of the new Section 975.

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](mailto: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,

Signature on file

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

DFB/jho  
Attachment

cc: General Counsel  
Florida Transportation Builders' Assoc.  
State Construction Engineer

**RUMBLE STRIPS**  
**(REV 4-15-05)**

ARTICLE 546-2 (Page 614) is deleted and the following substituted:

**546-2 Materials for Raised Rumble Strips.**

Construct Raised Rumble Strips using one of the following:

(a) Thermoplastic materials listed on the Qualified Products List (QPL), meeting the requirements of 971-1 and 971-~~219~~. Ensure that the material used can be restored to its original dimensions by using a self bonding overlay meeting these requirements. Submit a certified test report to the Engineer indicating that the materials meet all requirements specified.

Before applying thermoplastic materials on portland cement concrete surfaces, apply a primer sealer recommended by the manufacturer.

(b) Any plant-mixed hot bituminous mixture meeting the requirements of a job-mix formula issued by the Department, except open-graded friction course.

Prior to the application of any plant-mixed hot bituminous material, apply a tack coat meeting the requirements of 300-2.3.

The mixture will be accepted on the basis of visual inspection by the Engineer with no further testing required.

**RUMBLE STRIPS**  
**(REV 4-15-05)**

ARTICLE 546-2 (Page 614) is deleted and the following substituted:

**546-2 Materials for Raised Rumble Strips.**

Construct Raised Rumble Strips using one of the following:

(a) Thermoplastic materials listed on the Qualified Products List (QPL), meeting the requirements of 971-1 and 971-9. Ensure that the material used can be restored to its original dimensions by using a self bonding overlay meeting these requirements. Submit a certified test report to the Engineer indicating that the materials meet all requirements specified.

Before applying thermoplastic materials on portland cement concrete surfaces, apply a primer sealer recommended by the manufacturer.

(b) Any plant-mixed hot bituminous mixture meeting the requirements of a job-mix formula issued by the Department, except open-graded friction course.

Prior to the application of any plant-mixed hot bituminous material, apply a tack coat meeting the requirements of 300-2.3.

The mixture will be accepted on the basis of visual inspection by the Engineer with no further testing required.