



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

June 1, 2011

Monica Gourdine
Program Operations Engineer
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: Office of Design, Specifications
Section **914**
Proposed Specification: **9140000 Stabilization Materials.**

Dear Ms. Gourdine:

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

These changes were proposed by Ben Watson of the State Materials Office and Stanley Youmas of the State Construction Office to move and modify language regarding RAP and RAP blended material from Section 160 to avoid potential settlement issues by determining the actual asphalt content in the final mixed subgrade.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965RP or rudy.powell@dot.state.fl.us.

If you have any questions relating to this specification change, please call Rudy Powell, State Specifications Engineer at 414-4280.

Sincerely,

Signature on file

Rudy Powell, Jr., P.E.
State Specifications Engineer

RP/dt

Attachment

cc: Gregory Jones, Chief Civil Litigation
Florida Transportation Builders' Assoc.
State Construction Engineer

STABILIZATION MATERIALS.(REV ~~345-15308~~17-11)

SECTION 914 (Page 827) is deleted and the following substituted:

SECTION 914
STABILIZATION MATERIALS

914-1 General.

This Section governs materials to be used in subgrade stabilization. Meet the following requirements:

Plasticity Index (AASHTO- T- 90)	Maximum 10
Liquid Limit (AASHTO- T- 89)	Maximum 40
Passing a 3--1/2 inch screen (AASHTO- T- 27)	Minimum 97%
LBR	No Requirement

914-2 Materials for Stabilizing (Limerock Bearing Ratio).

914-2.1 Commercial Materials: Materials may be either limerock, shell rock, cemented coquina or shell base sources approved in accordance with 6-~~3~~2.3.

914-2.2 Local Materials: Local materials used for stabilizing may be soils or recyclable materials such as crushed concrete, roof tiles and asphalt coated base or reclaimed pavement provided the following limits for Organic Content are met.

Average Organic Content* (FM 1-T- 267)	Maximum 2.5%
Individual Organic Content Sample (FM 1-T 267)	Maximum 4%

*Note: A minimum~~um~~ of three samples per source.

If the Organic Content exceeds the allowable values and RAP or RAP-blended material is used as stabilizing material, the Engineer may allow FM 5-563 (with the exception of gradation analysis) in lieu~~place~~ of FM 1-T 267 after mixing. The maximum allowable test result is 4.7%.

Materials that contain hazardous substances or contaminants shall not be used.

If toxic substances, elements or compounds are suspected to exist at concentrations exceeding limits defined by EPA, qualifying tests shall be performed. Test methods for these substances shall be those mandated by EPA and analyzed by a certified laboratory.

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