



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

February 15, 2009

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

Re: Office of Design, Specifications
Section 160
Proposed Specification: **1600403 Stabilizing – Department Verification Testing**

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 to clarify a separate sample will be collected by the Engineer for Limerock Bearing Ratio (LBR) verification testing.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to ST986RP 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,

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-DEPARTMENT VERIFICATION TESTS.**(REV 12-29~~179~~-09)**

SUBARTICLE 160-4.3.2(Page 200) is deleted and the following substituted:

160-4.3.2 Department Verification Tests:

160-4.3.2.1 Bearing Value & Soil Classification: -The Engineer will *collect a sample at a different location other than the location where the sample was collected in 160-4.3.1.3*, and test the Stabilized Subgrade for determination of the LBR in accordance with FM 5-515. *The Engineer will select test locations, including Stations and Offsets, using a Random Number generator, based on the LOTs under consideration.*

~~If the Engineer has approved consideration of the Unsoaked LBR, sample and test the initial LOT for one soaked and one unsoaked LBR in addition to the frequency shown in 160-4.2.4.~~

If Local Material is used for stabilizing, the Engineer will determine compliance with embankment utilization requirements *and 160-3.4* by testing and classifying the Stabilized Subgrade in accordance with AASHTO -T88 and AASHTO -M -145 at the frequency shown in 160-4.2.4.

~~The Engineer will select test locations, including Stations and Offsets, using a Random Number generator, based on the LOTs under consideration.~~

***160-4.3.2.1.1 Unsoaked LBR:** The Engineer will sample and test the initial LOT for one soaked and one unsoaked LBR if consideration of the Unsoaked LBR has been approved.*

160-4.3.2.2 Mixing Depth: The Engineer will witness the Contractor's mixing depth checks to ensure compliance with 160-4.2.2. The Engineer will select test locations, including Stations and Offsets, using a Random Number generator.

160-4.3.2.3 Modified Proctor Maximum Density: The Engineer will randomly select one of the retained split samples and test in accordance with FM 1-T 180, Method D.

**STABILIZATION-DEPARTMENT VERIFICATION TESTS.
(REV 12-29-09)**

SUBARTICLE 160-4.3.2(Page 200) is deleted and the following substituted:

160-4.3.2 Department Verification Tests:

160-4.3.2.1 Bearing Value & Soil Classification: The Engineer will collect a sample at a location other than the location where the sample was collected in 160-4.3.1.3, and test the Stabilized Subgrade for determination of the LBR in accordance with FM 5-515. The Engineer will select test locations, including Stations and Offsets, using a Random Number generator, based on the LOTs under consideration.

If Local Material is used for stabilizing, the Engineer will determine compliance with embankment utilization requirements and 160-3.4 by testing and classifying the Stabilized Subgrade in accordance with AASHTO T88 and AASHTO M 145 at the frequency shown in 160-4.2.4.

160-4.3.2.1.1 Unsoaked LBR: The Engineer will sample and test the initial LOT for one soaked and one unsoaked LBR if consideration of the Unsoaked LBR has been approved.

160-4.3.2.2 Mixing Depth: The Engineer will witness the Contractor's mixing depth checks to ensure compliance with 160-4.2.2. The Engineer will select test locations, including Stations and Offsets, using a Random Number generator.

160-4.3.2.3 Modified Proctor Maximum Density: The Engineer will randomly select one of the retained split samples and test in accordance with FM 1-T 180, Method D.