



Florida Department of Transportation

JEB BUSH
GOVERNOR

State Materials Office – Materials Research Park
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JOSÉ ABREU
SECRETARY

November 2, 2004

****Expired****

MATERIALS BULLETIN NO. 10-04
MEMORANDUM NO. 22-04

**TO: DISTRICT MATERIALS ENGINEERS
DISTRICT CONSTRUCTION ENGINEERS**

FROM: Thomas O. Malerk, P.E., Director, State Materials Office
Ananth Prasad, P.E., Director, State Construction Office

COPIES: Bob Burleson, Jim Warren, Jim Musselman

SUBJECT: Sampling of FC-5 Asphalt Mixtures

In order to address some isolated problems associated with the sampling of FC-5 mixtures as described in FM 1-T 168 (Sampling Bituminous Paving Mixtures), the following steps should be taken:

1. The sampling and splitting process should be accomplished as quickly as possible to reduce loss of temperature and minimize binder draindown.
2. During the splitting process, the tools used to split the sample should be heated to reduce adherence of binder and fines.
3. The boxes used to store samples for FC-5 (for Verification and Resolution purposes) should be silicone coated on the interior, similar to those from the Menasha Corporation, to facilitate recovery of the binder in cases where there is binder draindown and/or excessive binder adhesion to the box.
4. Since there are no G_{mb} or G_{mm} specimens required for FC-5 mix, the amount of material sampled can be reduced. The amount of material required for Verification and Resolution purposes can be reduced from three to two boxes.

This Materials Bulletin will remain in effect until FM 1-T 168 is modified and this bulletin is rescinded. Should you have any questions, please contact Greg Sholar at (352) 955-2920 or by e-mail at gregory.sholar@dot.state.fl.us.

TOM/AP/gs



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MEMORANDUM

DATE: October 22, 2004

TO: Mayur Patel, Bouzid Choubane, Dave Horhota,
Rick Kessler, and John Cooper

FROM: Thomas O. Malerk, Director, State Materials Office 

SUBJECT: Delegation of Signature Authority

In my absence for the month of November 2004, I delegate signature authority to Mayur Patel and, in his absence, Richard Kessler. The delegates will sign their own name for Thomas O. Malerk, Director, State Materials Office and attach a copy of this signature authority to all outgoing correspondence.

TOM:dd