



# Florida Department of Transportation

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SECRETARY

**\*\*Expired\*\***

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**MATERIALS BULLETIN NO. 02-06**

**DCE MEMORANDUM NO. 03-06**

(FHWA approved 2/1/06)

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

**FROM:** Thomas O. Malerk, P.E., Director, Office of Materials  
Brian A. Blanchard, P.E., Director, Office of Construction

**COPIES:** Bob Bursleson, Jim Warren, Jim Musselman

**SUBJECT: ASPHALT ROADWAY CORES IN NON-DENSITY AREAS**

This memo is issued to reduce the number of asphalt roadway cores taken in non-density areas.

Subarticle 330-2.2 of the Specifications currently requires that when an approved rolling pattern is used in lieu of density testing, the Contractor must monitor the density (for informational purposes only) by cutting and testing a minimum of three cores per day, or as directed by the Engineer.

The original intent of this Specification was to cut three cores on the first few days of construction to establish the baseline density, and then to reduce the coring frequency in order to periodically monitor the density. However, this Specification has been frequently misinterpreted to mean that three cores needed to be cut, everyday, with no exceptions.

In order to clarify the requirements of this Specification, please process a \$0.00 specification change to delete Subarticle 330-2.2 Roadway Item No. 1 and replace it with the following:

*1. Monitor the pavement temperature with an infrared temperature device. Monitor the roadway density with either 6 inch [150 mm] diameter roadway cores, a nuclear density gauge, or other density measuring device, at a minimum frequency of once per 1,500 feet [500 meters] of pavement. When the layer thickness is greater than or equal to 1 inch [25 mm] (or the spread rate is greater than or equal to 105 lb/yd<sup>2</sup> [57 kg/m<sup>2</sup>]) and an approved rolling pattern is used in lieu of density testing, identify in the QC Plan how the pavement density will be monitored.*

**This memorandum serves as a blanket approval to process this change and should be attached to the Field Supplemental Agreement/Work Order or Supplemental Agreement.**

Should you have any questions concerning this issue, please contact Jim Musselman at (352) 955-2905, SC 625-2905 or David Wang at (850) 414-4152, SC 994-4152, for additional information.

TOM/BAB/jm