



Florida Department of Transportation

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SECRETARY

January 14, 2005

MATERIALS BULLETIN NO. 01-05
DCE MEMORANDUM NO. 02-05
(FHWA Approved 1/13/05)

This Memo Has Expired

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

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

COPIES: David Sadler, David Y Wang, Greg Schiess, Jim Musselman

SUBJECT: DELINEATION GUIDANCE

The following is to clarify the intent of evaluation of Defective material in accordance with subarticle 334-5.9.5 and the need for an independent engineering analysis.

If the defective material is due to a gradation, asphalt binder content or density failure, upon approval of the Engineer the Contractor may perform delineation tests on roadway cores in lieu of an engineering analysis to determine the limits of the defective material that requires removal and replacement. Prior to any delineation testing, all sampling locations shall be approved by the Engineer. All delineation sampling and testing shall be monitored and verified by the Engineer.

The minimum limit of removal of defective material is fifty-feet either side of the failed sample. For materials that are defective due to air voids, an engineering analysis is required.

If you have any questions, please feel free to call David Wang at (850) 414-4152 or suncom 994-4152.

PM/ww