



Florida Department of Transportation

JEB BUSH
GOVERNOR

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Tallahassee, Florida 32399-0450

THOMAS F. BARRY, JR.
SECRETARY

February 20, 2003

This Memo Has Expired

MEMORANDUM NO. 04-03

TO: DISTRICT CONSTRUCTION ENGINEERS

FROM: Ananth Prasad, State Construction Engineer *Ananth Prasad*

COPIES: David Sadler, Philip Lancaster, Cheryl Adams, Bob Burleson (FTBA),
Robert Brownlee, Jr. (ATSSA)

SUBJECT: PAINTING PAVEMENT MARKINGS

This memo is being issued to direct the attention of project personnel to the requirements of Retroreflectivity testing for Painting Pavement Markings:

For **contracts let in July 2000 and thereafter**, it is the requirement of the contract that the Contractor measure the reflectivity of white and yellow stripes using an approved 15-meter instrument to determine specification compliance.

In the event that the Department, as a result of their visual inspections, determines that the pavement markings do not appear to meet the initial retroreflectance, the Department should retest within three (3) days of initial application and if the reflectivity values measure below initial retroreflectance, the pavement markings will be reapplied at the Contractor's expense.

Project personnel performing any retesting should test the area of pavement markings that is representative of Contractor's means and methods and not influenced by factors beyond the control of the Contractor.

It is the intent of the Department, effective January 2004 letting, to specify the use of a 30-meter instrument as the standard, in which case, the initial retroreflectance of white and yellow pavement markings shall not less than 250 cd/ft² [250 mcd/lx·m²] and not less than 175 cd/ft² [175 mcd/lx·m²], respectively. In the interim, a Contractor can elect to use an approved 30-meter instrument rather than a 15-meter instrument to measure reflectivity of pavement markings.

DISTRICT CONSTRUCTION ENGINEERS

February 20, 2003

Page 2 of 2

This memo supersedes any requirements to the contrary stated in the Florida Sampling and Testing Method FM 5-541, Traffic Striping Field Test. The Florida Sampling and Testing Method will be revised to be consistent with this memo.

Furthermore, for **contracts let in January 2001 and thereafter**, it is the requirement of the contract that the Worksite Traffic Supervisor visually inspect the condition of all pavement markings and submits reports of such inspections to the Engineer. Visual inspections when the pavement markings values appear to be below the required 150 cd/fc·ft² [150 mcd/lx·m²] will be confirmed by approved test instrument. In such instance, it is required of the Worksite Traffic Supervisor to provide results of such testing. However, it is the Department's responsibility (with the exception of contracts stated below) to perform testing to determine specification compliance with the initial retroreflectance.

Additionally, please process a \$0.00 specification change for **contracts let in the month of January 2003**. Contracts let in the month of February 2003 and thereafter will have the revised specification language included in the Contract.

The Specification change is as follows:

The second paragraph of sub-article 102-10.1 is deleted.

Please process a \$0.00 specification change for **all active contracts**. Contracts let after January 2004 and thereafter will have revised language included in the contract.

The Specification change is as follows:

The last sentence of sub-article 710-4.6 Retroreflectivity, is deleted.

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

If you have any questions, please contact David Sumner at 850-414-4198 (suncom 994-4198) in the State Construction Office.

AP/sw