



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JOSÉ ABREU
SECRETARY

June 17, 2004

Mr. Donald Davis
Program Operations Engineer
Federal Highway Administration
545 John Knox Road
Tallahassee, Florida 32303

Re: Office of Design, Specifications
Section 430
Proposed Specification: 4300048.D01 – Final Pipe

Dear Mr. Davis:

We are submitting, for your approval, two copies of a proposed Supplemental Specification for Final Pipe.

This change was proposed by David Sadler of the State Construction Office to specify that video taping is to be done after placement of the structural course but before placement of the friction course.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965DB or duane.brautigam@dot.state.fl.us.

If you have any questions relating to this specification change, please call Duane F. Brautigam, State Specifications Engineer at 414-4110.

Sincerely,

Duane F. Brautigam, P.E.
State Specifications Engineer

DFB/sh

Attachment

cc: General Counsel
Florida Transportation Builders' Assoc.
State Construction Engineer

FINAL PIPE INSPECTION.
(REV 5-7-046-17-04)

SUBARTICLE 430-4.8 (Page 393) is deleted and the following substituted:

430-4.8 Final Pipe Inspection: *Based on contract pavement type, Upon completion of placement of concrete pavement or ~~all paving~~ the placement of structural asphalt, operations but prior to placement of asphalt friction course,* dewater installed pipe and provide the Engineer with a video taping schedule. Provide the Engineer with a video tape of pipe 48 inches [1,200 mm] or less in diameter, for examination. The Engineer may waive this requirement for side drains and cross drains which are short enough to inspect from each end of the pipe. The Engineer will inspect pipe for line and grade, joint gaps, joint misalignment, leaks, damage, and for debris.

For metal and plastic pipe the Engineer will also inspect for deflection. The Engineer may require further testing of the pipe as a result of the inspection. If so directed by the Engineer, test pipe 36 inches [900 mm] and less in diameter using a mandrel. The mandrel shall be pulled by hand and be approved by the Engineer prior to use. For pipe larger than 36 inches [900 mm] in diameter, deflection shall be determined by a method approved by the Engineer. If use of a mandrel is selected as the means of further testing, the mandrels diameter, length, and other requirements shall conform to 430-4.8.2. Replace pipe failing to meet the specific deflection requirements for the type of pipe installed, at no cost to the Department. Should the deflection test prove that the pipe met specifications, the Department will bear the cost of the deflection testing.

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