



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

June 18, 2013

Monica Gourdine
Program Operations Engineer
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: Office of Design, Specifications
Section **449**
Proposed Specification: **4490401 Precast Concrete Drainage Products.**

Dear Ms. Gourdine:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

These changes were proposed by Amy Tootle of the Roadway Design Office, to remove the reference to the Design Standard from the specification, this is a function of the Designer.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to ST986DS or daniel.scheer@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at 414-4130.

Sincerely,

Daniel Scheer, P.E.
State Specifications Engineer

DS/cah

Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

PRECAST CONCRETE DRAINAGE PRODUCTS.**(REV 5-2013-13)**

SUBARTICLE 449-4.1 (Page 456) is deleted and the following substituted:

449-4.1 Special Requirements for Steel Reinforced Concrete Pipe: Use pipe meeting the requirements of ASTM C76 with the modifications as described in 449-4.2. Use Special Designed pipe meeting the requirements of ASTM C655. Use Class S pipe meeting the requirements of ASTM C655 ~~and the 0.01 inch crack and ultimate D loads given in the Department's Drainage Manual~~ *Design Standards, Index No. 205*. Ensure all pipes are properly marked.

SUBARTICLE 449-4.3 (Page 457) is deleted and the following substituted:

449-4.3 Special Requirements for Non-Reinforced Concrete Pipe: Ensure the requirements of ASTM C985 ~~and the ultimate D loads given in the Department's Drainage Manual~~ *Design Standards, Index 205* are met with the following exception: Modify material requirements set forth in ASTM C985 with the material requirements set forth in 449-2. Ensure all pipes are properly marked.

PRECAST CONCRETE DRAINAGE PRODUCTS.**(REV 5-20-13)**

SUBARTICLE 449-4.1 (Page 456) is deleted and the following substituted:

449-4.1 Special Requirements for Steel Reinforced Concrete Pipe: Use pipe meeting the requirements of ASTM C76 with the modifications as described in 449-4.2. Use Special Designed pipe meeting the requirements of ASTM C655. Use Class S pipe meeting the requirements of ASTM C655. Ensure all pipes are properly marked.

SUBARTICLE 449-4.3 (Page 457) is deleted and the following substituted:

449-4.3 Special Requirements for Non-Reinforced Concrete Pipe: Ensure the requirements of ASTM C985 are met with the following exception: Modify material requirements set forth in ASTM C985 with the material requirements set forth in 449-2. Ensure all pipes are properly marked.