



## *Florida Department of Transportation*

**RICK SCOTT**  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

**JIM BOXOLD**  
SECRETARY

December 28, 2015

Khoa Nguyen  
Director, Office of Technical Services  
Federal Highway Administration  
3500 Financial Plaza, Suite 400  
Tallahassee, Florida 32312

Re: State Specifications Office  
Section **948**  
Proposed Specification: **9480104 Optional Drainage Products and Liner Repair Systems.**

Dear Mr. Nguyen:

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

The changes are proposed by Amy Tootle of the State Construction Office to require all construction-related documentation to be submitted by electronic means for consistency with the State Construction Office e-Construction initiative.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to [daniel.scheer@dot.state.fl.us](mailto:daniel.scheer@dot.state.fl.us).

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

Sincerely,

Signature on file

Daniel Scheer, P.E.  
State Specifications Engineer

DS/dt

Attachment

cc: Florida Transportation Builders' Assoc.  
State Construction Engineer

**OPTIONAL DRAINAGE PRODUCTS AND LINER REPAIR SYSTEMS.****(REV 11-4-15)**

SUBARTICLE 948-1.4 is deleted and the following substituted:

**948-1.4 Nonpressure Pipe:** PVC pipe and ABS pipe intended for direct-burial or concrete encasement, shall meet the following requirements:

1. PVC Pipe: ASTM D3034, SDR-35, or ASTM F949, profile wall without perforations.

2. ABS Pipe: ASTM D2680.

The manufacturer of the PVC or ABS pipe shall ~~furnish~~ submit to the Engineer ~~six copies of the~~ mill analysis covering chemical and physical test results.

**948-1.5 Underdrain:** PVC pipe for use as underdrain shall conform to the requirements of ASTM F758 or ASTM F949. Also, PVC underdrain manufactured from PVC pipe meeting ASTM D3034, perforated in accordance with the perforation requirements given in AASHTO M36 or AASHTO M196 will be permitted.

SUBARTICLE 948-2.3.3 is deleted and the following substituted:

**948-2.3.3 Certification:** ~~Furnish~~ Submit to the Engineer signed certification from the manufacturer for each pipe diameter LOT to be incorporated into the project that the pipe meets the requirements of these Specifications.

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