



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

September 3, 2024

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

Re: State Specifications Office
Section: 948
Proposed Specification: **9480901 Optional Drainage Products and Repair Systems**

Dear Ms. Kendall:

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

The changes are proposed by Tim Holley to clarify language, require submittal of laboratory testing, and add ASTM for UV Cured in Place Pipe liner.

Please review and transmit your comments, if any, within two weeks (10 business days). Comments should be sent via email daniel.strickland@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at (850) 414-4130.

Sincerely,

Signature on File

Daniel Strickland, P.E.
State Specifications Engineer

DS/dh

Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

**OPTIONAL DRAINAGE PRODUCTS AND REPAIR SYSTEMS
(REV 6-28-24)**

SUBARTICLE 948-9.1 is deleted and the following substituted:

948-9 Repair Systems for Rehabilitation of Pipe and Other Drainage Structures.

948-9.1 General: Repair systems shall have at least the minimum stiffness required for the intended application in accordance with the AASHTO LRFD Bridge Design Specifications. Assume a fully deteriorated condition with no structural strength from the host pipe for calculations. Submit calculations, product data sheet, manufacturer's installation instructions, and documentation from independent laboratory testing showing that the repair system meets the requirements of this Section.

SUBARTICLE 948-9.2.1 is deleted and the following substituted:

948-9.2.1 Polyethylene: Folded polyethylene liner shall meet the requirements of ASTM F2718 or ASTM F714 with a minimum cell classification of 335420 and between 2% to 4% carbon black.

SUBARTICLE 948-9.2.3 is deleted and the following substituted:

948-9.2.3 Cured-In-Place: Folded resin impregnated flexible tubing shall meet the requirements of ASTM F1216 and ASTM D5813 or ASTM F2019.

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