

ORIGINATION FORM

Date: **11/13/2013**

Originator: Mario Paredes

Contact Information: **352-955-6690**

Specification Title: **Pipe Culverts and pipe liner**

Specification Section, Article, or Subarticle Number: **430, 431, and 948**

Why does the existing language need to be changed? **Update and add plastic pipes and liners.**

Summary of the changes: **Rewrite of liner requirements. Update requirements of polypropylene pipe to new AASHTO method. Add steel reinforced HDPE pipe.**

Are these changes applicable to all Department jobs? **Yes**

If not, what are the restrictions?

Will these changes result in an increase or decrease in project costs? **No change**

If yes, what is the estimated change in costs?

With who have you discussed these changes? **Drainage and construction.**

What other offices will be impacted by these changes? **Maintenance**

Are changes needed to the PPM, Design Standards, SDG, CPAM or other manual? **The optional pipe handbook needs to allow the use of steel reinforced HDPE pipe.**

Are all references to external publications current? No external references

If not, what references need to be updated (please include changes in the redline)?

Is a Design Bulletin, Construction Memo, or Estimates Bulletin needed? **No**

Contact the State Specifications Office for assistance in completing this form.

Daniel Scheer 850-414-4130 daniel.scheer@dot.state.fl.us

Frances Thomas 850-414-4101 frances.thomas@dot.state.fl.us

Debbie Toole 850-414-4114 deborah.toole@dot.state.fl.us

Andy Harper 850-414-4127 clifton.harper@dot.state.fl.us

Ray Haverty 850-414-4129 ray.haverty@dot.state.fl.us



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

M E M O R A N D U M

DATE: December 10, 2013
TO: Specification Review Distribution List
FROM: Daniel Scheer, P.E., State Specifications Engineer
SUBJECT: Proposed Specification: **4310402 Pipe Liner.**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change.

This change was proposed by Mario Paredes of the State Materials Office to update the language for current Department and Industry practice.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965DS, or daniel.scheer@dot.state.fl.us. Comments received after **January 7, 2014**, may not be considered. Your input is encouraged.

DS/dt
Attachment

PIPE LINER.
(REV 11-14-13)

SUBARTICLE 431-4.2. is expanded by the following:

***431-4.2.5 Steel Reinforced Polyethylene Ribbed Pipe:** Install reinforced pipe liner in accordance with ASTM F-585. The manufacturer's written instructions may be substituted for ASTM F-585 with written permission from the Engineer.*