

ORIGINATION FORM

Date: 12/13/2013
Originator: Larry Ritchie
Contact Information: 414-4168

Specification Title: Pipe Culverts and Miscellaneous Types of Pipe
Specification Section, Article, or Subarticle Number: Section 430-3.1 and Section 948-1.7

Why does the existing language need to be changed? The existing language needs to be changed to incorporate standard plan notes found in drainage design details throughout the State.

Summary of the changes: Incorporation of standard plan notes addressing pipe selection by the Contractor and material requirements by the pipe producer.

Are these changes applicable to all Department jobs? If not, what are the restrictions? Yes

Will these changes result in an increase or decrease in project costs? If yes, what is the estimated change in costs? No change in project costs.

With who have you discussed these changes? State Hydraulics Engineer and the State Construction Engineer

What other offices will be impacted by these changes? Roadway Design

Are changes needed to the PPM, Design Standards, SDG, CPAM or other manual? No

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

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

Trey Tillander 850-414-4140 trey.tillander@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



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

MEMORANDUM

DATE: February 10, 2014
TO: Specification Review Distribution List
FROM: Daniel Scheer, P.E., State Specifications Engineer
SUBJECT: Proposed Specification: **9480107 Miscellaneous Types of Pipe.**

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

This change was proposed by Larry Ritchie to incorporate standard plan notes found in drainage design details throughout the State.

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 **March 10, 2014**, may not be considered. Your input is encouraged.

DS/cah
Attachment

MISCELLANEOUS TYPES OF PIPE.

(REV ~~21-49-14~~)

SUBARTICLE 948-1.7 is deleted and the following substituted:

948-1.7 PVC Pipe (12 Inches to 48 Inches): PVC pipe for side drain, cross drain, storm drain and other specified applications shall conform to AASHTO M278 for smooth wall PVC pipe or ASTM F949 for PVC ribbed pipe. Resin shall contain a minimum of 1.5% by weight of titanium dioxide for UV protection. Mitered end sections are not to be constructed of PVC. Use only concrete or metal mitered end sections as indicated in the Design Standards.

~~PVC pipe shall be installed within 2 years from the date of manufacture.~~ *Pipe more than 2 years of age may not be used unless it can be demonstrated to the satisfaction of the Engineer that the pipe has been adequately protected from direct exposure to sunlight.*

All pipe produced and shipped to the job site shall meet the requirements of 105-3.2.