

## ORIGINATION FORM

### THE INFORMATION BELOW IS TO BE PROVIDED BY THE ORIGINATOR

(The person who receives or originates the issue and needs to forward the issue for action.)

**Specification:** 430-3

**Subject:** Type of Pipe to be Used

**Origination date:** 08/26/2008

**Originator:** Linda Seigle

**Office/Phone:** Drainage 850-414-4322

**Problem statement:** Fiber reinforced Concrete pipe is no longer produced in the U.S.

**Proposed solution:** Delete FRCP from Specifications Sections 430-3.1 and 430-3.2.

*This is a clean-up to reflect market changes. FDOT does not anticipate another supplier of fiber reinforced pipe anytime in the near future.*

**Information source:** Hardie Pipe

**Recommended Usage Note:**

**Estimated fiscal impact, if implemented:** None. There are other types of pipe available.



# Florida Department of Transportation

**CHARLIE CRIST**  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

**STEPHANIE KOPELOUSOS**  
SECRETARY

## **M E M O R A N D U M**

**DATE:** October 21, 2008

**TO:** Specification Review Distribution List

**FROM:** Rudy Powell, Jr., P.E., State Specifications Engineer

**SUBJECT:** Proposed Specification: **4300300, Pipe Culverts – Type of Pipe to be Used**

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

This change was proposed by Linda Seigle of the State Drainage Office to delete fiber reinforced concrete pipe, no longer produced in the U.S.

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 ST986RP or rudy.powell@dot.state.fl.us. Comments received after November 21, 2008 may not be considered. Your input is encouraged.

RP/dr  
Attachment

**PIPE CULVERTS – TYPE OF PIPE TO BE USED.**  
**(REV 10-06-08)**

ARTICLE 430-3 (of the Supplemental Specifications) is deleted and the following substituted:

**430-3 Type of Pipe to Be Used.**

**430-3.1 General:** When the plans designate a type (or types) of pipe, use only the type (or choose from the types) designated. As an exception, when the plans designate reinforced concrete pipe as Class S, Class I, Class II, Class III and Class IV, the Contractor may use non-reinforced concrete pipe up to and including 36 inch in diameter ~~or fiber reinforced concrete pipe up to and including 48 inch in diameter. Do not use fiber reinforced concrete pipe beneath the main travel lanes of interstate highways.~~

**430-3.2 Side Drain:** If the plans do not designate a type (or types) of pipe, the Contractor may use either a minimum Class I concrete pipe, corrugated steel pipe, corrugated aluminum pipe, corrugated polyethylene pipe or PVC pipe. If one of the metal types is chosen, use the minimum gage specified in Section 943 for steel pipe or Section 945 for aluminum pipe.

Non-reinforced concrete pipe ~~or fiber reinforced concrete pipe~~ may also be substituted for concrete pipe in side drains, subject to the provisions of 430-3.1.