



*Florida Department of Transportation*

RICK SCOTT  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.  
SECRETARY

April 8, 2014

Chad Thompson  
Programs Operations Engineer  
Federal Highway Administration  
545 John Knox Road, Suite 200  
Tallahassee, Florida 32303

Re: State Specifications and Estimates Office  
Section **430**  
Proposed Specification: **4300300 Pipe Culverts**

Dear Mr. Thompson:

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

These changes were proposed by Larry Ritchie to incorporate standard Plan notes found in drainage design details in Section 430.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to SP965DS or daniel.scheer@dot.state.fl.us.

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

Sincerely,

Daniel Scheer, P.E.  
State Specifications Engineer

DS/cah  
Attachment

cc: Florida Transportation Builders' Assoc.  
State Construction Engineer

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## PIPE CULVERTS.

(REV ~~14-98~~-14)

ARTICLE 430-3 is deleted and the following substituted:

### **430-3 ~~Pipe Selection~~ Type of Pipe to Be Used.**

**430-3.1 General:** During the preconstruction conference, notify the Department in writing as to which optional pipe material from the optional materials tabulation sheet will be used. Once a pipe material is selected, do not change pipe materials without approval of the Engineer.

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.

~~Use any of the optional pipe materials tabulated for a given structure. Only the material options tabulated for a given structure can be used.~~

~~Adjustment to bid quantities, prices and payment will not be allowed for increases, decreases or changes in material or installation requirements due to the use of any optional pipe materials.~~

~~If adjustments are required due to Plan errors or omissions or authorized field changes, the plotted material and not the material elected would be used to establish new pay quantities.~~

~~During the preconstruction conference, notify the Department in writing as to which optional pipe material will be used. Once a pipe material is selected, do not change pipe materials without approval of the Engineer.~~

~~Pipe sizes other than round (elliptical/arch) are summarized and paid for using equivalent round pipe diameter.~~

**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, polypropylene 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. When extending existing pipes, construct the pipe extensions of the same size and kind as the existing pipe. Extensions of existing pipes, whose materials are no longer produced, shall be extended with the most similar pipe material available.

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

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SUBARTICLE 430-11.1 is deleted and the following substituted:

**430-11.1 New Pipe Installed by Excavation or Trenching:** The quantity of storm and cross drain pipe, storm drain trench, side drain and gutter drain pipe, installed by pipe culvert optional material - excavation or trenching, to be paid for will be plan quantity, in place and accepted. The plan quantity will be determined from the inside wall of the structure as shown in the Plans, along the centerline of the pipe.

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**PIPE CULVERTS.**  
**(REV 4-8-14)**

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

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