



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

January 27, 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: **4300201 Pipe Culverts.**

Dear Mr. Thompson:

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

These changes were proposed by Mario Paredes of the State Materials Office to update the language for current Department and Industry practice.

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,

Signature on file

Daniel Scheer, P.E.
State Specifications Engineer

DS/ds
Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

PIPE CULVERTS.
(REV 11-14-13)

SUBARTICLE 430-2.1 is deleted and the following substituted:

430-2.1 Pipe: Meet the following requirements:

| | |
|---|--------------------|
| Concrete Pipe | Section 449 |
| Round Rubber Gaskets | Section 942 |
| Corrugated Steel Pipe and Pipe Arch..... | Section 943 |
| Corrugated Aluminum Pipe and Pipe Arch | Section 945 |
| Corrugated Polyethylene Pipe..... | Section 948 |
| <i>Steel Reinforced Polyethylene Ribbed Pipe.....</i> | <i>Section 948</i> |
| Polyvinyl Chloride (PVC) Pipe | Section 948 |
| Fiberglass Reinforced Polymer Pipe..... | Section 948 |
| Polypropylene Pipe | Section 948 |

ARTICLE 460-9 is deleted and the following substituted:

430-9 Specific Requirements for *Steel Reinforced Polyethylene Ribbed Pipe*, Corrugated Polyethylene Pipe, Polypropylene Pipe, and Polyvinyl Chloride (PVC) Pipe.

430-9.1 Field Joints: Use gasketed joints to seal side drain, and storm and cross drain. Use gaskets meeting the requirements of Section 449. Ensure that the pipe manufacturer provides a joint design approved by the Engineer before use.

430-9.2 Installation Requirements Including Trenching, Foundation and Backfilling Operations: Check structure shape regularly during backfilling to verify acceptability of the construction method used.

Replace pipe deflected 5% or more of the certified actual mean diameter of the pipe at final inspection at no cost to the Department.

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ARTICLE 460-9 is deleted and the following substituted:

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