



## Florida Department of Transportation

**RICK SCOTT**  
**GOVERNOR**

605 Suwannee Street  
Tallahassee, FL 32399-0450

**ANANTH PRASAD, P.E.**  
**SECRETARY**

November 26, 2013

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

Re: State Specifications and Estimates Office  
Section **449**  
Proposed Specification: **4490200 Precast Concrete Drainage Products.**

Dear Mr. Thompson:

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

These changes were proposed by Ghulam Mujtaba of the State Materials Office to remove ASTM A 82, ASTM A 496, A 185, A 497 and ASTM A 615 and replaced with ASTM A 1064.

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](mailto: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

**PRECAST CONCRETE DRAINAGE PRODUCTS.**  
**(REV 110-2616-13)**

ARTICLE 449-2 is deleted and the following substituted:

**449-2 Materials.**

Ensure that the materials used for the construction of the precast drainage products have a certification statement from the source, showing that they meet the applicable requirements of the Specifications with the following modifications:

Reinforcing Bar.....	Section 415
Coarse Aggregate* .....	Section 901
Fine Aggregate* .....	Section 902
Portland Cement and blended cement.....	Section 921
Water.....	Section 923
Admixtures.....	Section 924
Pozzolans and slag .....	Section 929
Gasket Material .....	Section 942
Blended Hydraulic Cements .....	AASHTO M 240
Welded Wire <del>Reinforcement Fabric</del> <del>ASTM A 1064</del> <del>ASTM A 185</del> or <del>ASTM A 497</del> <del>Section 931</del>	
Wire for Site Cage Machines .....	<del>ASTM A 1064</del> <del>Section 931</del>
.....	<del>ASTM A 82, ASTM A 496 or ASTM A 615</del>

\*For concrete pipes the gradation requirements of concrete aggregates as set forth in Sections 901 and 902 are not applicable.

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Blended Hydraulic Cements .....	AASHTO M 240
Welded Wire Reinforcement .....	Section 931
Wire for Site Cage Machines.....	Section 931

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