



## Florida Department of Transportation

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SECRETARY

October 6, 2008

Dr. Leslie McCarthy, PhD, P.E.  
Program Operations Engineer  
Federal Highway Administration  
545 John Knox Road, Suite 200  
Tallahassee, Florida 32303

Re: Office of Design, Specifications  
Section 446  
Proposed Specification: **4460200, Edgedrain (Draincrete)**

Dear Dr. McCarthy:

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

This change was proposed by Tom Malerk of the State Materials Office to reclassify Class I nonstructural concrete to Class NS to eliminate confusion between Class I nonstructural and Class I structural concrete.

Please review and transmit your comments, if any, within four weeks. Comments should be sent via Email to ST986RP or rudy.powell@dot.state.fl.us.

If you have any questions relating to this specification change, please call Rudy Powell, State Specifications Engineer at 414-4110.

Sincerely,

Rudy Powell, Jr., P.E.  
State Specifications Engineer

RP/dr

Attachment

cc: Gregory Jones, Chief Civil Litigation  
Florida Transportation Builders' Assoc.  
State Construction Engineer

**EDGEDRAIN (DRAINCRETE).**  
**(REV 5-5-08)**

ARTICLE 446-2 (Page 438) is deleted and the following substituted:

**446-2 Materials.**

Meet the following requirements:

Portland Cement Concrete— <del>Class I (Nonstructural)</del>	Section 347*
Coarse Aggregate.....	Section 901
Portland Cement.....	Section 921
Water.....	Section 923
Polyvinyl-Chloride Pipe.....	Section 948
Polyethylene Pipe.....	Section 948
Filter Fabric.....	Section 985

\*For Draincrete, the concrete requirements of Section 347 are modified as

follows:

Use Type I or II portland cement (no fly ash or other pozzolans permitted).

Composition:

Grade of coarse aggregate (stone)....	#57, #67 or #89
Maximum Water/Cement ratio .....	0.38
Minimum cement factor.....	385 lb/yd <sup>3</sup> of Draincrete
Maximum Slump Range .....	Not Applicable
Fine Aggregate.....	None
Admixtures.....	None

Do not use materials which contain hardened lumps, crusts, or frozen matter, or are contaminated with dissimilar material.

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