

4490300, Fiber Reinforced Pipe
Response to Comments From Industry Review

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Comments:

A review of the proposed changes in Sections 430 and 449 Specifications and their origination forms indicates that the fiber reinforced concrete pipe has been deleted from these specifications. In the Proposed Solution of the Origination Form it has been mentioned that FDOT does not anticipate another supplier of fiber reinforced pipe in the near future. The Hardie Pipe has been referenced as the Information Source. In my opinion the fiber reinforced pipe specification should not be deleted, unless there is a good reason for its deletion based on its durability or performance. It is possible that another supplier may start production. The ASTM C 1450 specification is still an active specification

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Text: This section should remain because the specification has already been approved by FHWA. Also if you decide to delete it, please remember the section of 449 that includes the Hydrostatic testing of Pipe, the PSI was reduced from what ASTM C-443 requires because the pipe in question would not meet the requirements of ASTM at the time FRCP pipe were approved, Tallahassee Drainage made this decision.

Response– I discussed this with Rick Renna, the State Hydraulics Engineer. In the time it would take another supplier to get their product tested and approved for use, the Spec could be back in the Specifications. We don't want plans calling for a product that is not available.

Re: the joint requirements – A 5 psi test for joints was placed in the Specification because it would be rare in Florida to get enough head to produce a 10 psi pressure on the joints. It was not placed in the Specifications because of the performance of any specific joint. (Again, based on conversation with Mr. Renna.)