



*Florida Department of Transportation*

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GOVERNOR

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KEVIN J. THIBAUT, P.E.  
SECRETARY

April 21, 2020

**DCE MEMORANDUM NO. 20-16**  
*(FHWA Approved: 4/21/2020)*

**TO: DISTRICT CONSTRUCTION ENGINEERS  
DISTRICT MATERIALS AND RESEARCH ENGINEERS**

**FROM:** Dan Hurtado, P.E., Director, Office of Construction

DocuSigned by:

*Dan Hurtado*

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**COPIES:** Will Watts, Scott Arnold, Ananth Prasad, Chad Thompson

**SUBJECT: SPECIFICATION 556 REVISION (Jack and Bore)**

The Department has revised Standard Specification Section 556 Jack and Bore to adjust the testing requirement for casings used without a carrier pipe in drainage applications. The revised language was implemented in the July 2020 Standard Specifications, which is also included in the attachment below.

**This memorandum serves as a blanket approval to process a \$0.00 contract change to incorporate the above referenced revisions and should be attached to the Work Order or Supplemental Agreement. This change may be incorporated upon the Contractor's request on all active projects that include jack and bore casing used without a carrier in drainage applications.**

Should you have any questions, please contact Jason Russell at 850-414-4010.

DH/jr

Attachment

**JACK AND BORE  
(REV 1-6-20) (FA 1-8-20) (7-20)**

SUBARTICLE 556-4.3.2 is deleted and the following substituted:

**556-4.3.2 Drainage Application Testing (Under Pavement):**

When under pavement (including sidewalk) and shoulders, all J&B pipe installations must meet or exceed the Department's watertight pipe and joint configuration in accordance with Section 430. The Engineer will determine when and where watertight joint requirements shall be applied to the ultimate roadway section for future widening. For all J&B carrier pipes installed without casing under pavement, perform air pressure testing at 5 psi in the presence of the Engineer as follows.

1. Pressurize pipe to 5 psi (positive and negative) and lock-off outside air source. Record pressure loss for 6 hours. A pressure loss equal to or less than 0.5 psi is acceptable. or,

2. A dragnet type leak detector or equivalent device capable of detecting pressure drops of 1/2 PSI for a time period recommended by the manufacturer. If the pressure loss exceeds 0.5 psi, repair leaks using methods approved by the Engineer and retest.