

# EXPECTED IMPLEMENTATION JULY 2020

## 556 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.

SUBARTICLE 556-4.3.4 is deleted and the following substituted:

**556-4.3.4 Damaged Product Testing:** When there is any indication that the installed product has sustained damage and may leak, stop the work, notify the Engineer and investigate damage. The Engineer may require a pressure test in accordance with 556-4.3.2. Perform pressure test within 24 hours unless otherwise approved by the Engineer. Submit the test results to the Engineer for review and approval. The Engineer shall be allowed up to 72 hours to approve or determine if the product installation is not in compliance with Specifications. The Engineer may require non-compliant installations to be filled with excavatable flowable fill at no cost to the Department.

SUBARTICLE 556-6.1 is deleted and the following substituted:

### **556-6 Documentation Requirements.**

**556-6.1 Boring Path Report:** Submit a bore path report to the Engineer within 14 days of the completion of each bore path. No payment will be made for directional boring work until the bore path report has been delivered to the Department. Include the following information in the report:

1. Location of project and financial project number including the permit number when assigned.
2. Name of person collecting data, including title, position and company name.
3. Investigation site location (Contract Plans station number or reference to a permanent structure within the project right of way).

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4. Identification of the detection method used.

5. Spoils removal log.

6. As-built placement plans showing roadway plan and profile, cross-section, boring location and subsurface conditions as defined in bore path plans below. Reference the shown plan elevations to a Department benchmark when associated with a Department project, otherwise to a USGS grid system and datum or to the top of an existing Department head wall.

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