

ALABAMA DEPARTMENT OF TRANSPORTATION

DATE: August 13, 2018

Special Provision No. 18-0403

EFFECTIVE DATE: February 1, 2019.

SUBJECT: Thermally Fused PVC Pipe.

Alabama Standard Specifications, 2018 Edition, SECTION 645 and SECTION 853 shall be revised as follows:

SECTION 645 SANITARY SEWERS

645.03 Construction Requirements.

(d) Joints.

Subarticle 645.03(d) shall be replaced with the following.

(d) Joints.

All joints shall be sealed for the entire circumference of the pipe providing an acceptable watertight joint.

The installation of rubber or other type gasket joints shall be in accordance with manufacturer's recommendations and as directed by the Engineer. No joint shall be finished until the two next joints in advance have been placed. Any joint that is disturbed after jointing shall be removed, cleaned, and reinstalled.

Thermally fused joints shall be installed according to the pipe manufacturer's recommendations.

Where a restrained joint is required on the project plans, locked mechanical joint retainer glands or restrained joint gaskets of adequate strength to prevent movement of the force main shall be used in addition to the concrete thrust block. Retainer glands shall be the type shown on the plans or designated by the Engineer and shall be installed in accordance with the Utility Company requirements.

SECTION 853 SANITARY SEWER PIPE, MANHOLES, AND APPURTENANCES

853.07 Joint Materials for Pipe.

Article 853.07 shall be replaced with the following.

853.07 Joint Materials for Pipe.

Joint material shall provide a suitable waterproof joint capable of withstanding internal pressure of the system involved and be of an approved type. Thermally fused joints will be allowed if installed according to the pipe manufacturer's recommendations.