

ALABAMA DEPARTMENT OF TRANSPORTATION

DATE: August 13, 2018

Special Provision No. 18-0401

EFFECTIVE DATE: February 1, 2019.

SUBJECT: Thermally Fused PVC Pipe.

Alabama Standard Specifications, 2018 Edition, SECTION 533 and SECTION 853 shall be revised as follows:

SECTION 533 STORM SEWERS

533.03 Construction Requirements.

(c) Laying Pipe.

2. Sealing Joints.

Item 533.03(c)2 shall be replaced by the following.

2. Sealing Joints.

Unless otherwise directed, all joints shall be sealed as specified in Item 530.03(d)3 for the entire circumference of the pipe. PVC pipe joints may be thermally fused if installed according to the pipe manufacturer's recommendations. Trenches shall be kept free from water until mortar in the joints and masonry has hardened. Walking or working on or over the completed pipe line, except such as is necessary for tamping or backfilling, will not be permitted until at least 3 feet {1 m} of backfill is in place over the pipe.

SECTION 854 STORM SEWER PIPE

854.09 Joint Materials.

Article 854.09 shall be replaced with the following.

854.09 Joint Materials.

Joint material shall provide a suitable waterproof joint capable of withstanding internal pressure of the system involved and be of an approved type. Joint material for storm sewers shall be the same as specified in Section 530 for Roadway Pipe, or those specified for Sanitary Sewers in Section 645. Thermal fusing will be allowed for PVC pipe joints if installed according to the manufacturer's recommendations. Other types may be considered if appropriate backup data, etc. is submitted in writing to the Central Office for evaluation.