

ALABAMA DEPARTMENT OF TRANSPORTATION

DATE: May 6, 2020

Special Provision No. 18-0701(2)

EFFECTIVE DATE: August 1, 2020

SUBJECT: Roadway Pipe Rehabilitation.

Alabama Standard Specifications, 2018 Edition, SECTION 538 shall be revised as follows:

SECTION 538 ROADWAY PIPE REHABILITATION

538.02 Materials.

(a) Cured-in-Place Liner.

Subarticle 538.02(a) shall be replaced by the following.

(a) Cured-in-Place Liner.

Cured-in-Place Liner material shall be a lining system selected from List II-32 of the Department's MSDSAR.

All cured-in-place lining products shall comply with ASTM F-1216, "Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube", ASTM F-1743, "Rehabilitation of Existing Pipelines and conduits by Pulled-in-Place Installation of Cured-in-Place Thermosetting Resin Pipe (CIPP)", or ASTM F-2019 "Rehabilitation of Existing Pipelines and Conduits by the Pulled in Place Installation of Glass Reinforced Plastic (GRP) Cured-in-Place Thermosetting Resin Pipe (CIPP), including appendices.

The liner shall be a flexible tube fabricated to a size that, when installed, shall fit the internal circumference of the existing roadway pipe. Allowance shall be made for circumferential stretching during insertion so that the final cured product is snug against the wall of the host pipe. The material shall be able to stretch to fit irregular pipe sections and negotiate bends.

Any compounds, process water or condensate used during the installation or curing operation shall be contained, removed from the site and disposed of in a manner approved by the Engineer.

(b) PE Liner Pipe.

Subarticle 538.02(b) shall be replaced by the following.

(b) PE or HDPE Liner Pipe.

Polyethylene or high density polyethylene liner pipe shall be selected from List II-32 of the Department's MSDSAR.