




ATTENTION: TP&D, DESIGN, CONSTRUCTION, MAINTENANCE AND
TRAFFIC OPERATIONS ENGINEERS

SPECIAL PROVISION AND/OR SPECIFICATION CHANGE MEMORANDUM 25-22

MEMO

Date: November 14, 2022

To: District Engineers

From: Ryan C. Barborak, P.E. 
Director, Materials and Tests Division

Subject: Statewide Special Specification 4216 (14), "Thermoplastic Pipe Culverts and Drains;"
DMS-4710, "Thermoplastic Pipes, Joints, and Fittings"

The above-referenced Special Specification has been approved for statewide use and is required for all projects using "Thermoplastic Pipe Culverts and Drains," beginning with the February 2023 letting. However, use of this Special Specification prior to the February 2023 letting is at the District's option.

This Special Specification is a new Special Specification for statewide use.

The above-referenced Departmental Material Specification is a new DMS and has been approved for statewide use effective November 2022 letting.

Departmental Material Specification DMS-4710, "Thermoplastic Pipes, Joints, and Fittings," (Spec Committee No. DMS-4710-202111-4), designers specifying thermoplastic pipe should become familiar with the "Structural Design Considerations for Specifying Thermoplastic Pipe" posted to the TxDOT website [here](#). A working drawing has been developed for use when specifying thermoplastic pipe. A pdf of this drawing can be downloaded [here](#) and the Microstation version of this drawing can be downloaded [here](#). This working drawing requires the user to review and modify the sheet to be project specific. The Note to Designer box must be removed and the sheet signed and sealed.

Please disseminate this information to your Transportation Planning & Development, Design, Construction, Laboratory, Maintenance, and Traffic Operations Engineers.

CC: TxDOT Specification Committee
Federal Highway Administration
The Associated General Contractors of Texas