

907-C-261 THERMOPLASTIC PIPE REQUIREMENTS

(Adopted 06-21-18)

The Standard Specifications are revised as follows:

SECTION 907, BEGIN LINE 231, INSERT AS FOLLOWS:

907.16 Thermoplastic Pipe Requirements

A list of approved thermoplastic pipe and liner pipe will be maintained by the Department. The list will specify the manufacturer and thermoplastic pipe designation. All of these materials shall comply with the applicable AASHTO or ASTM requirements listed in the following table and will only be accepted from qualified manufacturers. The manufacturer is defined as the plant which produces the thermoplastic pipe. The manufacturer shall become qualified by establishing a history of satisfactory quality control of these materials as evidenced by the test results performed by the manufacturer's testing laboratory.

SUMMARY OF THERMOPLASTIC PIPE SPECIFICATION REQUIREMENTS				
Pipe Material	Standard Specifications	AASHTO	ASTM	Manufacturer Requirements
Corrugated Polyethylene Drainage Tubing	907.17(a)	M 252		ITM 806, Procedure O
Corrugated Polyethylene Pipe	907.17(b)	M 294*		ITM 806, Procedure O
Corrugated Polypropylene Pipe	907.19	M 330		ITM 806, Procedure O
Perforated PVC Semicircular Pipe	907.18		D 3034	ITM 806, Procedure A
Profile Wall PVC Pipe	907.22	M 304		ITM 806, Procedure O
Profile Wall Polyethylene Pipe	907.20		F 894	ITM 806, Procedure A
Schedule 40 PVC Pipe	907.24(b)		D 1785 or D 2665	916, Type C Cert.
Smooth Wall Polyethylene Pipe	907.21		F 714	ITM 806, Procedure A
Smooth Wall PVC Pipe	907.23	M 278	F 679	ITM 806, Procedure A
Type PSM PVC Pipe and Fittings	907.24(a)		D 3034	ITM 806, Procedure A
*Pipe in accordance with AASHTO M 294 shall be manufactured with virgin materials.				

SECTION 907, BEGIN LINE 250, INSERT AS FOLLOWS:

(b) Corrugated Polyethylene Pipe

Pipe and fittings shall be in accordance with AASHTO M 294. *Pipe shall be manufactured with virgin materials, and shall be marked with the code "V". Pipe shall not be manufactured with recycled materials.* Qualification requirements for the manufacturers shall be in accordance with ITM 806, Procedure O.