

907-R-606 THERMOPLASTIC PIPE SPECIFICATION REQUIREMENTS

(Adopted 11-16-12)

The Standard Specifications are revised as follows:

SECTION 907, BEGIN LINE 236, DELETE AND 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	M 252		ITM 806, Procedure <i>AO</i>
Perforated Polyvinyl Chloride Semicircular Pipe	907.18		D 3034	ITM 806, Procedure A
Corrugated Polyethylene Pipe	907.19	M 294		ITM 806, Procedure O
Ribbed Polyethylene Pipe	907.20		F 894	ITM 806, Procedure A
Smooth Wall Polyethylene Pipe	907.21		F 714	ITM 806, Procedure A
Profile Wall Polyvinyl Chloride Pipe	907.22	M 304	F 949	ITM 806, Procedure <i>AO</i>
Smooth Wall Polyvinyl Chloride Pipe	907.23	M 278	F 679	ITM 806, Procedure A
Type PSM Polyvinyl Chloride Pipe and Fittings	907.24(a)		D 3034	ITM 806, Procedure A
Schedule 40 Polyvinyl Chloride Pipe	907.24(b)		D 1785	916, Type C Cert.

907.17 Corrugated Polyethylene Drainage Tubing

Tubing and fittings shall be in accordance with AASHTO M 252. Perforations shall be required for tubing used as a longitudinal underdrain. Qualification requirements for the manufacturers shall be in accordance with ITM 806, Procedure *AO*.

SECTION 907, BEGIN LINE 285, DELETE AND INSERT AS FOLLOWS:

907.22 Profile Wall Polyvinyl Chloride Pipe

Pipe and fittings shall be in accordance with AASHTO M 304 or ASTM F 949. Perforations shall be required when used as a longitudinal underdrain or end bent drain

pipe. Qualification requirements for the manufacturers shall be in accordance with ITM 806, Procedure ~~A~~O.
