

SECTION 1038 -- PLASTIC PIPE

1038.01 -- Description

Polyethylene (PE), polyvinyl chloride (PVC), acrylonitrile butadiene styrene (ABS), and other NDR approved plastic pipes are authorized for use except when a pipe passes under the traveled way.

1038.02 -- Material Characteristics

1. Polyethylene (PE) pipes and fittings shall conform to the requirements in Table 1038.01.

Table 1038.01

Polyethylene Pipe	
Size	Specification
12 to 36 inches	AASHTO M 294, Type S
18 to 48 inches	ASTM F 894, Open Profile, RSC 160

2. Polyvinyl chloride (PVC) pipe and fittings shall conform to the requirements in Table 1038.02.

Table 1038.02

Polyvinyl Chloride Pipe	
<u>Size</u>	<u>Specification</u>
4 inch to 36 inch	ASTM F 949
4 inch to 15 inch	ASTM D 3034 SDR 35
6 inch to 15 inch	ASTM D 2680
18 inch to 36 inch	ASTM F 679
4 inch to 48 inch	ASTM F 794, Open Profile, Series 46

3. Acrylonitrile butadiene styrene (ABS), composite pipe and fittings, and polyvinyl chloride (PVC) shall conform to the requirements of ASTM D 2680.

4. Plastic flared-end sections shall be configured as shown in the plans.

5. Corrugated plastic pipe underdrains shall conform to the requirements of AASHTO M 252.

6. Flared-end sections shall conform to the requirements in Section 1036.

1038.03 -- Acceptance Requirements

Plastic pipe will be accepted based on the requirements of this Section and a manufacturer's certificate of compliance indicating compliance with the requirements in this Section.