

Section 845—Smooth Lined Corrugated Polyethylene (PE) Culvert Pipe

845.1 General Description

This section includes the requirements for smooth-lined, corrugated polyethylene culvert pipe.

845.1.01 Related References

A. Standard Specifications

General Provisions 101 through 150.

B. Referenced Documents

AASHTO M 294

AASHTO Standard Specifications for Highway Bridges, Division II

845.2 Materials

845.2.01 Smooth-lined, Corrugated Polyethylene (PE) Culvert Pipe

A. Requirements

Use pipe that meets the requirements of AASHTO M 294M, Type S.

Use fittings and couplings as recommended by the manufacturer and approved by the Office of Materials and Research. The fittings and couplings shall comply with the joint performance criteria of AASHTO Standard Specifications for Highway Bridges, Division II. Ensure that the joints are “soiltight” per the AASHTO bridge specifications.

B. Fabrication

General Provisions 101 through 150.

C. Acceptance

General Provisions 101 through 150.

D. Materials Warranty

General Provisions 101 through 150.

Section 846—Polyvinyl Chloride (PVC) Profile Wall Drain Pipe

846.1 General Description

This section includes the requirements for Polyvinyl Chloride (PVC) Profile Wall Drain Pipe.

846.1.01 Related References

A. Standard Specifications

Section 106—Control of Materials

B. Referenced Documents

AASHTO M 304

ASTM F 477

ASTM D 3212

846.2 Materials

846.2.01 Polyvinyl Chloride (PVC) Profile Wall Drain Pipe

A. Requirements

Use pipe that meets the requirements of AASHTO M 304.

Ensure joints are watertight and have elastomeric seals that meet the requirements of ASTM F 477.