

## Section 840—Corrugated Aluminum Alloy Pipe

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### 840.1 General Description

This section includes the requirements for the following types of corrugated aluminum alloy pipe:

- Culvert
- Underdrain
- Slope drain
- Structural plate for pipe, pipe arches, and arches

#### 840.1.01 Related References

##### A. Standard Specifications

General Provisions 101 through 150.

##### B. Referenced Documents

AASHTO M 190M

AASHTO M 196M

AASHTO M 219M

[GDT 17](#)

### 840.2 Materials

#### 840.2.01 Corrugated Aluminum Alloy Culvert and Underdrain Pipe

##### A. Requirements

Use corrugated aluminum alloy pipe that meets the requirements of AASHTO M 196M.

##### B. Fabrication

General Provisions 101 through 150.

##### C. Acceptance

The Department will inspect corrugated aluminum alloy pipe according to [GDT 17](#).

##### D. Materials Warranty

General Provisions 101 through 150.

#### 840.2.02 Corrugated Aluminum Alloy Slope Drain Pipe

##### A. Requirements

Use corrugated aluminum alloy slope drain pipe that meets AASHTO M 196M requirements, with the exception that the pipe is not perforated.

##### B. Fabrication

General Provisions 101 through 150.

##### C. Acceptance

The Department will inspect the pipe according to [GDT 17](#).

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### D. Materials Warranty

General Provisions 101 through 150.

### 840.2.03 Bituminous Coated Corrugated Aluminum Alloy Culvert Pipe

#### A. Requirements

1. Use bituminous-coated corrugated aluminum culvert pipe that meets AASHTO M 196M requirements.
2. Use pipe that has a bituminous coat that meets the requirements of AASHTO M 190M for the type of coating specified.

#### B. Fabrication

General Provisions 101 through 150.

#### C. Acceptance

The Department will inspect the pipe according to [GDT 17](#).

### D. Materials Warranty

General Provisions 101 through 150.

### 840.2.04 Corrugated Aluminum Alloy Structural Plate for Pipe, Pipe Arches, and Arches

#### A. Requirements

Use corrugated aluminum alloy structural plate for pipe, pipe arches, and arches that meet the requirements of AASHTO M 219M.

#### B. Fabrication

General Provisions 101 through 150.

#### C. Acceptance

General Provisions 101 through 150.

### D. Materials Warranty

General Provisions 101 through 150.