

525 Corrugated Aluminum Culverts

525.1 Description

- (1) This section describes providing corrugated aluminum culvert pipe and aluminum apron endwalls.

525.2 Materials

- (1) Furnish type I or type II corrugated aluminum pipe and aluminum apron endwalls fabricated in a plant listed on the [APL](#) and conforming to [AASHTO M196](#).

525.3 Construction

- (1) Construct as specified in [520.3](#).
- (2) If the plans show steel apron endwalls with corrugated aluminum pipe, install a suitable insulating material approximately 1/16 inch thick between the pipe and the endwall at the joint. The contractor may use one or more of the following:
- Asphalt impregnated fabric.
 - A sheet plastic.
 - A rubber gasket.
 - Other non-degradable material of substantial strength.

525.4 Measurement

525.4 Add rock excavavtion information to corrugated aluminum culverts measurement and payment.

- (1) The department will measure the LF bid items under this section acceptably completed as specified for pipe in [520.4](#) and the Apron Endwalls bid items acceptably completed as specified for apron endwalls in [520.4](#) and rock excavation for culvert pipe bid items acceptably completed as specified for rock excavation for culvert pipe in [520.4](#).

525.5 Payment

- (1) The department will pay for measured quantities at the contract unit price under the following bid items:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
525.0100 - 0299	Culvert Pipe Corrugated Aluminum (size)	LF
525.0300 - 0399	Apron Endwalls for Culvert Pipe Aluminum (size)	EACH

- (2) The department will pay for the work under this section as specified in [520.5](#) as follows:
- Pipe and apron endwalls bid items.
 - Cast-in-place concrete and alternate endwall installations.
 - Culvert pipe rock excvavtion.
 - Water for compaction and dust control.
 - Excavation and foundation backfill at depths greater than 6 inches below the culvert.