

## SECTION 530 CORRUGATED POLYETHYLENE PIPE CULVERTS

### 530.1 Description

- (1) This section describes furnishing and installing corrugated polyethylene culvert pipe.

### 530.2 Materials

- (1) Corrugated polyethylene culvert pipe shall conform to the plans and to AASHTO M 294 type S, having a corrugated outer wall and a smooth inner liner.
- (2) If the contract requires apron endwalls, use steel apron endwalls, sloped steel endwalls for cross drains, or sloped steel apron endwalls conforming to 521.2.4. Furnish them with suitable connector rods, connector bands, or other devices to fit the deeper corrugations of the polyethylene pipe and provide a tight connection.

### 530.3 Construction

- (1) Construct as specified in 520.3 for pipe culverts.

### 530.4 Measurement

- (1) The department will measure the Culvert Pipe Corrugated Polyethylene bid items acceptably completed as specified in 520.4.

### 530.5 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>
530.0100 - 0299	Culvert Pipe Corrugated Polyethylene (size)	LF

- (2) Payment for the Culvert Pipe Corrugated Polyethylene bid items is full compensation for providing, hauling and placing the pipe, including bands; for all excavating, including foundation or bed; and any associated dewatering; for providing and placing granular backfill or graded aggregate for granular foundation or cushion; for backfilling unless granular backfill is specified; for maintaining temporary drainage; and for replacing damaged installations. The department will pay separately for cast-in-place concrete and alternate endwall installations under the Concrete Masonry Endwalls bid item as specified in 504.5 and other associated bid items.
- (3) The department will pay for backfilling with granular backfill as specified in 520.5.
- (4) The department pay separately for steel apron endwalls, sloped steel endwalls for cross drains, or sloped steel apron endwalls under the appropriate bid items provided in section 521.