

## SECTION 524 SALVAGED PIPE CULVERTS

### 524.1 Description

- (1) This section describes excavating and removing existing culvert pipe, including pipe arch, and pipe cattle pass, and apron endwalls; and transporting, cleaning, and reinstalling at new locations the plans show or the engineer directs.

### 524.2 Materials

- (1) Use existing materials.

### 524.3 Construction

- (1) If existing pipe culverts and or apron endwalls, are designated for salvage and use in the new work, remove them from the existing location, clean, handle, transport to, and install at the new location without damaging the pipe culvert. Replace any material damaged by the contractor at no expense to the department.
- (2) Construct pipe culverts and apron endwalls at the new location as specified in [520.3](#).

### 524.4 Measurement

- (1) The department will measure the Culvert Pipe Salvaged bid items, Pipe Cattle Pass Salvaged, and the Pipe Arch Salvaged Corrugated Steel bid items by the linear foot acceptably completed as specified in [520.4](#).
- (2) The department will measure acceptably completed the Apron Endwalls for Culvert Pipe Salvaged bid items as specified for apron endwalls in [520.4](#).

### 524.5 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>
524.0100 - 0299	Culvert Pipe Salvaged (size)	LF
524.0600 - 0799	Apron Endwalls for Culvert Pipe Salvaged (size)	EACH
524.0800	Pipe Cattle Pass Salvaged	LF
524.0900	Pipe Arch Salvaged Corrugated Steel (rise x span)	LF

- (2) Payment for the Culvert Pipe Salvaged bid items, Pipe Cattle Pass Salvaged, and the Pipe Arch Salvaged Corrugated Steel bid items is full compensation for excavating and removing pipe from existing location, cleaning and transporting; for all excavating, including foundation or bed, and any associated dewatering; for placing pipe, including furnishing any necessary new bands; 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; for replacing damaged installations; and for providing and placing geotextile joint wrap if required, and joint ties if required.
- (3) Payment for the Apron Endwalls for Culvert Pipe Salvaged bid items is full compensation for excavating and removing apron endwalls from existing location; for cleaning, transporting, and installing apron endwalls, including bands or connectors; for all excavating, including forming bed; for geotextile wrap if required; for joint ties if required; and for backfilling.
- (4) The department will pay for backfilling with granular backfill as specified in [520.5](#).