

50105220 PIPE CULVERT REMOVAL

X5015225 PIPE CULVERT REMOVAL (SPECIAL)

LC50110X PIPE CULVERT REMOVAL, SPECIAL, GROUP X (LCDOT)

For use on LCDOT & IDOT let projects with pipe culvert removal items. For projects with culverts of similar sizes (generally not more than a 24" difference from smallest to largest) e.g., 12" – 36" culverts, they will be grouped under Pipe Culvert Removal. Use Pipe Culvert Removal (Special) for unique situations e.g., a larger culvert with some salvage or special handling. For projects with many different sizes and/or materials use the LCDOT pay codes and the paragraph below to specify the size limits for each. Coordinate with Maintenance prior to the letting to have them check the culverts scheduled for removal to determine if they want any of the end sections, grates, pipes or other components. Delete this note from the Contract Specifications.

Effective: April 11, 2017

Revised: October 31, 2022

Description: This work shall consist of the removal of existing pipe culverts including pipes, end sections, and grates. The existing culverts may be constructed of reinforced concrete, metal, and/or plastic.

General: The work shall be performed according to Section 501 of the "Standard Specifications" and the following:

If maintenance wants any of the end sections, grates, pipes or other components list them in the General Notes (3d) and include the following section. Delete this note from the Contract Specifications.

All pipe culverts scheduled for removal will be examined by the Engineer, in coordination with LCDOT Maintenance, to determine if the item is suitable for salvage.

The pipe culvert items/components designated for salvage are listed on the plans under General Note 3d.

Items designated for salvage shall be carefully removed and stored at the location and in the manner designated by Engineer. Any of the material having salvage value which is damaged by the Contractor shall be replaced by the Contractor, at his/her own expense, with new items of the same kind and size. The cost of storing salvaged items shall be included in the unit cost of the pipe culvert being removed.

Items not designated for salvage shall be transported from the project site and dispose of them outside the ROW according to Article 202.03 of the "Standard Specifications".

Trenches resulting from the removal of pipe culverts shall be backfilled according to the applicable requirements of Article 550.07 of the "Standard Specifications".

If maintenance doesn't want any of the end sections, grates, pipes or other items/components then include following. Delete this note from the Contract Specifications.

None of the pipe culvert items/components scheduled for removal have been designated for salvage by LCDOT. The Contractor shall transport the removed culvert components from the project site and dispose of them outside the ROW according to Article 202.03 of the "Standard Specifications".

Trenches resulting from the removal of pipe culverts shall be backfilled according to the applicable requirements of Article 550.07 of the "Standard Specifications".

If the LCDOT pay codes are used because of a large difference in sizes and/or materials include following table. Edit the sizes/materials as required. Note the information in the Material and Size columns are provided as example entries only. Delete any rows (pay items) not used. Delete this note from the Contract Specifications.

Pay Item	Material	Sizes (Diameter or Equivalent)
Pipe Culvert Removal, Special, Group I	All Materials	12" – 24" Dia.
Pipe Culvert Removal, Special, Group II	Concrete	48" Dia.
Pipe Culvert Removal, Special, Group III	Metal Arch	72" Dia.
Pipe Culvert Removal, Special, Group IV	Concrete & Metal	30" - 36" Dia.
Pipe Culvert Removal, Special, Group V	Plastic	18" Dia.

"All Materials" shall include existing concrete, metal and/or plastic pipes.

Method of Measurement: Pipe Culvert Removal will be measured in place, in feet along the invert of the existing culvert.

Basis of Payment: Pipe culvert removal will be paid for at the contract unit price per foot for PIPE CULVERT REMOVAL, for PIPE CULVERT REMOVAL (SPECIAL), or for PIPE CULVERT REMOVAL, SPECIAL of the group specified. *The unit price shall include all materials, labor and equipment required to excavate, and remove the existing pipe; store and safeguard any pipe and/or components designated for salvage; transport and dispose of removed materials; and backfill the excavated trench. For removals under existing and/or proposed pavement the backfill will be paid for per cubic yard of TRENCH BACKFILL and pavement replacement will be paid for as CLASS D PATCHES, TYPE III, 8 INCH. Pipe culvert removal shall include pipes, end sections and grates.* Edit the patch depth as applicable for the existing pavement. Delete this note from the Contract Specifications.