



MUNICIPAL SERVICES CENTER

6703 Sullivan Road ♦ Central, Louisiana 70739 ♦ p: 225-262-5000 ♦ f: 225-262-5001

CULVERT INSTALLATION PERMIT

This permit is being issued and serves as acknowledgment for the below listed property owner to install and backfill culverts under the following terms and conditions per the City of Central:

Property Owner Name _____

Property Address _____

Contractor Name _____

Contractor Phone # _____

Front _____ Rear _____ Side _____ Driveway _____ Other _____

Issued By _____ Date Issued _____

PERMIT EXPIRES 120 DAYS FROM DATE ISSUED

Total Number of Catch Basins _____ Maximum Spacing of Catch Basins _____

- See attached installation requirements

Location Sketch:

Pipe Inspection: _____
 Contractor Signature Public Works Director Date

Final Inspection: _____
 Contractor Signature Public Works Director Date





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Culvert Installation Requirements

Catch Basin Requirements:

- All Catch Basins shall consist of a formed concrete base with walls constructed of formed concrete, brick, or concrete block;
- All Catch Basins shall measure a minimum of 24" x 24" frame and grate;
- Catch basin spacing as determined by Public Works Director (50 feet in most cases)
- Catch basins are required to be installed at transitions between pipes of different materials;
- All Catch Basins shall conform to City-Parish DPW Standard Plan No. CPS 3-1-2

Other Construction Requirements:

- Contractor is responsible for determining elevations of existing tie-in locations and notifying City Engineer of any potential drainage problems;
- All tie-ins to existing pipes must be built to match the invert elevation of the existing pipe;
- Contractor shall contact Public Works Director for inspection of pipe and bedding (before backfill), and final inspection when project is complete. Contractor shall give Public Works Director notice 48 hours before inspection is required.



Services proudly provided by the Institute for Building Technology and Safety –

Culvert Installation Requirements

Pipe Requirements:

OPTION A:

1. 15" Reinforced Concrete Pipe (RCP), ASTM C-76 Class III Wall B, with "O-RING" or rubber gasketed joints.

Or

2. 15" Bituminous or Polymer Coated Corrugated Metal Pipe (CMP), 16 gage with LADOTD Type 3 joints. The bituminous coating shall conform to the regulations of AASHTO M190 and as specified in Section 1015-3 "Bituminous Coating" of the City of Baton Rouge and Parish of East Baton Rouge Standard Specifications.

Or

3. 15" Polyvinyl Chloride Pipe (PVC), ASTM-P794 Series 46 for ribbed, or AASHTO M278 for 15" and ASTM-F679 for pipe larger than 15 inches for smooth well pipe.

Connecting joints for all pipes (concrete, metal and plastic) shall be LADOTD Type 3 (10.8 psi water tight). All joints shall be wrapped with geotextile fabric for a minimum of 12 inches on each side of the joint for conduit 36 inches in diameter or less, and a minimum of 18 inches on each side of the joint for conduit greater than 36 inches in diameter. Bedding and backfill requirements shall be in accordance with the Department of Public Works Standard Plan 500-01 ("Standard Bedding and Backfill Details for Storm Drainage Pipe").

As an additional requirement, no plastic pipe (PVC or HDPE) may be utilized under driveways. Plastic pipe must have a minimum of 1 foot of soil cover over the top of pipe to be utilized.

Driveway pipes shall have a minimum length of 24 feet.



Culvert Installation Requirements

Pipe Requirements:

OPTION B:

1. 15" Reinforced Concrete Pipe (RCP), ASTM C-76 Class III Wall B, with "O-RING" or rubber gasketed joints.

Or

2. 18" Bituminous or Polymer Coated Corrugated Metal Pipe (CMP), 16 gage with LADOTD Type 3 joints. The bituminous coating shall conform to the regulations of AASHTO M190 and as specified in Section 1015-3 "Bituminous Coating" of the City of Baton Rouge and Parish of East Baton Rouge Standard Specifications.

Or

3. 15" Polyvinyl Chloride Pipe (PVC), ASTM-F794 Series 46 for ribbed, or AASHTO M278 for 15" and ASTM-F679 for pipe larger than 15 inches for smooth well pipe.

Connecting joints for all pipes (concrete, metal and plastic) shall be LADOTD Type 3 (10.8 psi water tight). All joints shall be wrapped with geotextile fabric for a minimum of 12 inches on each side of the joint for conduit 36 inches in diameter or less, and a minimum of 18 inches on each side of the joint for conduit greater than 36 inches in diameter. Bedding and backfill requirements shall be in accordance with the Department of Public Works Standard Plan 500-01 ("Standard Bedding and Backfill Details for Storm Drainage Pipe").

As an additional requirement, no plastic pipe (PVC or HDPE) may be utilized under driveways. Plastic pipe must have a minimum of 1 foot of soil cover over the top of pipe to be utilized.

Driveway pipes shall have a minimum length of 24 feet.



Culvert Installation Requirements

Pipe Requirements:

OPTION C:

1. 18" Reinforced Concrete Pipe (RCP), ASTM C-76 Class III Wall B, with "O-RING" or rubber gasketed joints.

Or

2. 24" Bituminous or Polymer Coated Corrugated Metal Pipe (CMP) or Corrugated Metal Pipe Arch Equivalent (CMPA), 14 gage with LADOTD Type 3 joints. The bituminous coating shall conform to the regulations of AASHTO M190 and as specified in Section 1015-3 "Bituminous Coating" of the City of Baton Rouge and Parish of East Baton Rouge Standard Specifications.

Or

3. 18" Polyvinyl Chloride Pipe (PVC), ASTM-F794 Series 46 for ribbed, or AASHTO M278 for 15" and ASTM-F679 for pipe larger than 15 inches for smooth well pipe.

Connecting joints for all pipes (concrete, metal and plastic) shall be LADOTD Type 3 (10.8 psi water tight). All joints shall be wrapped with geotextile fabric for a minimum of 12 inches on each side of the joint for conduit 36 inches in diameter or less, and a minimum of 18 inches on each side of the joint for conduit greater than 36 inches in diameter. Bedding and backfill requirements shall be in accordance with the Department of Public Works Standard Plan 500-01 ("Standard Bedding and Backfill Details for Storm Drainage Pipe").

As an additional requirement, no plastic pipe (PVC or HDPE) may be utilized under driveways. Plastic pipe must have a minimum of 1 foot of soil cover over the top of pipe to be utilized.

Driveway pipes shall have a minimum length of 24 feet.



Culvert Installation Requirements

Pipe Requirements:

OPTION D:

1. 24" Reinforced Concrete Pipe (RCP), ASTM C-76 Class III Wall B, with "O-RING" or rubber gasketed joints.

Or

2. 30" Bituminous or Polymer Coated Corrugated Metal Pipe (CMP) or Corrugated Metal Pipe Arch Equivalent (CMPA), 12 gage with LADOTD Type 3 joints. The bituminous coating shall conform to the regulations of AASHTO M190 and as specified in Section 1015-3 "Bituminous Coating" of the City of Baton Rouge and Parish of East Baton Rouge Standard Specifications.

Or

3. 24" Polyvinyl Chloride Pipe (PVC), ASTM-F794 Series 46 for ribbed, or AASHTO M278 for 15" and ASTM-F679 for pipe larger than 15 inches for smooth well pipe.

Connecting joints for all pipes (concrete, metal and plastic) shall be LADOTD Type 3 (10.8 psi water tight). All joints shall be wrapped with geotextile fabric for a minimum of 12 inches on each side of the joint for conduit 36 inches in diameter or less, and a minimum of 18 inches on each side of the joint for conduit greater than 36 inches in diameter. Bedding and backfill requirements shall be in accordance with the Department of Public Works Standard Plan 500-01 ("Standard Bedding and Backfill Details for Storm Drainage Pipe").

As an additional requirement, no plastic pipe (PVC or HDPE) may be utilized under driveways. Plastic pipe must have a minimum of 1 foot of soil cover over the top of pipe to be utilized.

Driveway pipes shall have a minimum length of 24 feet.

