



**Brazoria County Engineering
Courthouse West Annex
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BRAZORIA COUNTY POLICY ON DRIVEWAY CULVERTS

NEW CULVERTS

1. Driveway culverts will be set by Road and Bridge Department personnel on county-maintained roads and on conditionally-accepted roads in approved subdivisions.
2. The Department cannot set culverts in rights-of-way for State roads or on private roads.
3. Citizens wishing new culverts to be set are required to furnish reinforced concrete pipe of a suitable size as determined by Department personnel. Reasonable notice from citizen is required.
4. New culverts will be backfilled with soil or other material available on the site at the time culvert is set. Any material other than in-place soil must be purchased by the citizen from a vendor of their choosing and delivered to the site before the culvert is set. Department personnel will not return to the site to spread base material at a later date.
5. Clean-out openings or grates must be supplied by the citizen if the culvert is longer than 48 feet.

EXISTING CULVERTS

1. When drainage projects are undertaken by the Department, culverts may be enlarged if necessary, and replaced with reinforced concrete pipe at Department's expense. Installation will be completed as follows:
2. Culverts covered with base material will be re-covered with base material.
3. Asphalt or concrete removed will be replaced with asphalt.
4. When the Department undertakes projects to re-surface roads with asphalt, asphalt will be tapered outside edge of pavement at existing driveways to avoid abrupt drop off.

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Revised June 4, 2007

CULVERT INSTALLATION

1. Stake and mark the ditch where you would like to have the culvert set. Call the Engineering Department and have a Work Order prepared. We will send out our Road & Bridge crew and they measure the ditch; and will call you with the correct size of Reinforced Concrete Pipe you need to purchase.
2. Once the size is determined, order the Reinforced Concrete Culvert Pipe and have them delivered to the site. If you would like, you may order Road Surface Material for your culvert such as crushed limestone base, crushed concrete, etc., and have it delivered to the site. We will spread it out and prepare your driveway (culvert) surface. We do not come back at a later time to do this. The only dirt we typically use to cover pipe is fill dirt. (What we usually dig out of the ditch when we set the culverts). After your materials are delivered to the site, give the Engineering Department a call and we will put in another work order to install the Culverts.

DRIVEWAY SURFACE

1. The citizen's contractor may add asphalt or concrete surfacing over a driveway culvert at the citizen's expense. Contractor shall insure that alignment of culvert pipe is not altered during such operation. If concrete surfacing is added by citizen's contractor:
2. An expansion joint shall be provided two feet beyond outer edge of pipe on each side of culvert pipe, to facilitate removal of concrete as may be necessary to enlarge pipe during drainage improvement projects.
3. No concrete shall be placed within 11 feet of roadway centerline.

COMMON QUESTIONS

HOW MUCH DOES A DRIVEWAY PERMIT COST? There is no actual cost for a Driveway/Culvert Permit. The cost to the caller is the Reinforced Concrete Culvert Pipe. (and cost of surface material, if they choose to purchase).

WHAT IS THE STANDARD WIDTH FOR A DRIVEWAY?

The Standard driveway typically is 20 feet. A driveway which is 48 feet or wider will need to have a clean out, with one every 48 feet.

HOW MUCH ROAD MATERIAL WILL I NEED TO ORDER?

If you want something other than soil, for a standard size driveway at 20 feet, it will take 1 load (14 to 15 yards or called a tandem load). EXP: Limestone only will take approx. 1 load (Tandem) (14 to 15 ft. of coverage). If wanting part stabilized sand and limestone, then you would get ½ and ½ of each. For rock, it would be approx. 1 load a tandem/14 to 15 ft coverage.