

Jefferson County Precinct 2 drainage culvert installation procedures

Permission and notification required for Construction inside the County Right of Way. No driveway or utility construction, mail boxes, landscaping or any other encroachment into County right-of-way or easements shall be allowed without first notifying and obtaining permission from Road & Bridge Precinct located at 7759 Viterbo road next to the airport, the office number is 727-2173 and you can also contact the office through the precinct website, under request services at top of website.

The request for access to the property such as pipe for access to driveway etc. these requests shall be submitted to the Precinct 2 office Drainage Supervisor for those properties within Precinct 2 service areas and in which the property is located. The phone call or email request shall be made by the owner of the property and shall be for the purpose of securing or changing access to the property.

The property owner shall make a request to the Precinct 2 Road and Bridge department at which time the precinct will inspect the county right of way and ditch line for proper pipe size and other info to ensure proper drainage along the county roadway informing the property owner of the pipe size required. The property owner shall be responsible for the purchase of the pipe necessary for access to their property. Once the pipe is delivered the property owner will contact the Precinct drainage supervisor for installation by the Precinct to ensure proper installation. All materials shall be of satisfactory quality and shall be subject to inspection and approval by the County. The County cannot allow broken culverts to be installed into the ditch line. At the discretion of the Precinct Commissioner the Precinct shall provide the necessary equipment, staffing and materials to ensure the pipe are installed correctly to county standards to ensure proper drainage.

The County reserves the right to periodically inspect drainage along any county right of way and ditch line along county roadways, during home construction and at all times thereafter, and may require such changes, maintenance, and repairs as may be considered necessary to provide protection of life and property on or adjacent to the county road. If the cost of changes, maintenance and repairs of driveways and driveway appurtenances on the county right-of-way are at the action of the county such as a drainage improvement to change, repair or upgrade pipe that cost will be absorbed by the County, if it is due to any action of the homeowner not following guidelines or directions of the county during construction that cost will be absorbed by the property owner. For example ordering the wrong size pipe or not ordering the size approved by county to ensure proper drainage or damaged pipe upon delivery.

The County may install the driveway culvert within the County right of way at the discretion of the precinct Commissioner. The property owner will purchase said pipe to the size and specs as required by the Precinct. At the discretion of the Precinct Commissioner the Precinct shall provide the necessary materials such as millings, limestone and/or dirt to ensure the pipe are covered and installed correctly to county standards to ensure proper drainage to prevent pipe separation.

Design requirements for driveways are as follows:

All parts of driveways on County right-of-way shall be confined within the grantee's property frontage.

Locations of driveways shall be selected to provide maximum safety for county road traffic and for users of the driveway.

Drainage in County Roadway ditches shall not be altered or impeded by debris, trash or other obstructions. When drainage structures such as culverts and drain boxes are required, Number of Pipe allowed in Length, Pipe size, type of pipe and size of opening and other design features shall be approved by the County Precinct Commissioner or representative and if necessary after consulting with Engineer of a review of location. Generally, no more than 40 feet in length of ditch may be filled with pipe in front of the property inside the County ROW, this would allow for 2 – 20 foot drives if warranted.

Surface drainage shall be provided so that all surface water on the filled-in area shall be carried away from the roadway in a suitable manner. The drainage opening under the filled-in area shall be adequate to carry the design flow of water in the roadway ditches and onto drainage district outfalls and other drainage outlets.

At the County's Precinct discretion, a culvert (pipe, drain box, etc.) may be required to have an safety end treatment for safety considerations of traveling vehicles on roadway. The ends shall be sloped at 6:1 (6 horizontal to 1 vertical) or flatter with riprap or other stabilizing material added to prevent erosion and protect the end. Grates may also be required on pipes greater than 30 inches in diameter. Additional each Precinct shall decide based on the situation how many feet of drainage pipe is permitted to be installed in county right of way drainage areas in front of properties and the number and size, type of drainage clean out boxes after consulting with Engineering and a review of the current drainage conditions in the designated area. Unless otherwise authorized by Precinct no more than 40 feet of culvert will be allowed in the county right of way.

Additionally, we ask all property owners to please ensure ditch is free of debris and trash to allow for proper drainage.