

## STURGEON CITY CODE

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### CHAPTER 17: PRIVATE DRIVES

#### **Section 17.010 Requirement of Approved Culvert.**

Every private drive entering into or exiting from a City street, road or alley shall have an approved storm sewer culvert if the culvert is installed on public property (including a public street or alley right-of-way), installed as specified in Section 17.030.

(Ord. 761, Sec. 1, Approved and Effective April 23, 2012. Replacing Ord. 332, Sec 1.)

#### **Section 17.020 Written Permit to Install Approved Culvert**

Prior to any storm sewer culvert installation made on public property (including a public street or alley right-of-way) under a private drive entering into or exiting from a City street, road or alley, the property owner of the private property where the private drive is located and over which said culvert on public property is to be installed shall first obtain a written permit to install said culvert according to the specifications and standards in Section 17.030 from the Maintenance Supervisor of the City of Sturgeon.

(Ord. 761, Sec. 2, Approved and Effective April 23, 2012. Replacing Ord. 332, Sec 2.)

#### **Section 17.030 Culvert Specifications and Standards**

Except for storm sewer culvert installations initiated and fully paid for by the City of Sturgeon, all storm sewer culverts installed on public property (including a street or alley right-of-way) in the City of Sturgeon shall be installed by or under the supervision of the City of Sturgeon according to the following specifications and standards:

1. A property owner desiring a culvert shall notify the City in advance and obtain a written permit to install the culvert as required in Section 17.020.
2. The City shall survey the proposed location of the culvert and determine an appropriate diameter size for the culvert pipe, sufficient to adequately carry storm water flows. Except where prevented by special conditions, as determined by the City, all culvert pipe shall be at least 10" internal diameter.
3. The City shall determine if junction boxes or basins are necessary and where they should be located
4. A property owner desiring a culvert shall obtain or arrange for the City to obtain at the property owner's own expense the culvert pipe including "t"s, elbows, and basin grates, and deliver the pipe to the site of installation or to the City's shop yards.
5. All culvert pipe shall be either (a) standard reinforced concrete pipe, or (b) standard galvanized metal pipe with horizontal ribbing (spiral ribbing is not acceptable), or (c) corrugated polyethylene pipe with parallel exterior corrugations and a smooth inner liner fused to the inside of the pipe and meeting the specifications of the Missouri Highway Department. No other pipe material may be used without written permission of the City Maintenance Supervisor.
6. The City shall determine the necessary grade and elevations for the culvert. The City shall perform the installation of the culvert pipe without charge for labor or equipment use, as the City work schedule permits. Prior to authorization of the installation by written permit as specified in Section 17.020, the City shall provide an estimate of the amount and cost of any rock necessary for proper bedding of the pipe. Where the approved design requires the construction of a concrete junction box or basin, the City shall provide the property owner requesting the culvert with an estimate for the concrete and form lumber necessary to construct the junction box or basin. Following completion of installation, the property owner requesting the culvert shall be billed for such rock and materials for construction of junction boxes and basins, based on the estimate or the actual cost of such materials, whichever is less.

7. When proper installation requires that the City provide a significant amount of dirt to cover the storm sewer culvert and fill in a ditch, the City may provide an estimate for the cost of such dirt and shall bill the property owner requesting the culvert in the same manner as used for billing for rock and materials for the construction of junction boxes and basins, as set forth above.

8. If the culvert is not installed by the City, the installation shall be subject to the inspection and approval of the City.

9. The City is not obligated to replace at City expense any culvert which is damaged by age or other deterioration.

10. If a culvert must be removed or replaced, the used culvert pipe shall be offered to the adjoining property owner.

(Ord. 761, Sec. 3, Approved and Effective April 23, 2012. Replacing Ord. 332, Sec 3.)

**Section 17.040        Obstructions; Duty to Maintain.**

Every culvert required under this code shall be kept clear of any obstructions that would interfere with the flow of drainage water; it shall be the obligation of the property owner to. inspect and maintain culvert.

(Ord. 332, Sec. 4, Approved October 29, 1973 and Effective November 1, 1973.)