


**TULSA  
COUNTY  
Engineering  
Division**

## **MEMORANDUM**

**DATE:** March 28, 2016

**TO:** Board of County Commissioners

**FROM:** Harry Creech, Assistant County Engineer 

**SUBJECT:** Utility permit for Todd E. Cole

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We present for your approval a utility permit for Todd E. Cole to cross Garnett Road approximately .2 miles south of the 131<sup>st</sup> Street intersection.

Installation will be by boring for a 1" water line.

**HC: am**  
**Attachments**

**Original:** Pat Key, County Clerk, for the April 4, 2016 Agenda

**xc:** Commissioner John M. Smaligo, Jr.  
Commissioner Karen Keith  
Commissioner Ron Perry  
Michael Willis, Chief Deputy  
Vicki Adams, Chief Deputy  
Robbie Thompson, District Three  
File





All encased crossings must be sealed at both ends and vented outside of right-of-way line. The vents should be sized to allowed proper release of carrier pipe contents in case of failure. The minimum pipe size for vents is 2-inch nominal, and the vent must extend a minimum of 36 inches above natural ground level. The owner must install identification markers at each right-of-way line directly above the facility. Such markers may be attached to vents or to a right-of-way fence. The markers may be in the owner's standard design, but must identify the owner and size of the facility, and must be erected at a location plainly visible from within the highway right-of-way.

The casing must be designed to sustain roadway loadings, contain and divert from the roadway the contents of the carrier pipe, and to have a life expectancy equal to or greater than the carrier pipe.

Encasement for underground telephone and power lines, or similar facilities, should comply with the above except for the installation of vents, end seals, and the ability to contain and divert.

Steel pipelines crossing the right-of-way may be installed without encasement if the installation is in accordance with "Special Provisions for the Installation of Underground Pipelines...". This Special Provision stipulates in part that carrier pipe material within the right-of-way must be superior to the carrier pipe material outside the right-of-way by being of steel at least one grade better, or a minimum of one wall width thicker and the same alloy. Pipe must be 48 inches below the flow line of drainage ditches and all other highway drainage facilities, and must be properly protected from corrosion.

Nonpressurized facilities, such as sanitary sewer lines, crossing the highway right-of-way may be approved without the use of encasement, if cast iron or material of equal or better quality is used, with the understanding that maintenance will be performed by a method that will not disturb the through lanes or interfere with traffic.

All underground crossings must be installed by boring or pushing or other approved methods. The method and equipment for the installation must be approved by the COUNTY. Wet boring or jetting will not be permitted unless special approval is obtained from the COUNTY. If considered necessary, pressure grouting of the voids will be required. This will generally be required when the diameter of the bore exceeds the outside diameter of the pipe by two inches or more. In the interest of safety, trenching and the parking of equipment should be performed as far as possible from traffic lanes. In unusual cases where trenching is necessary, a special plan with specifications will be developed by the owner with assistance from the COUNTY, setting out the method for controlling the traffic, placement of the facility, and proper restoration of the roadway. This method must bear the recommendation of the COUNTY.

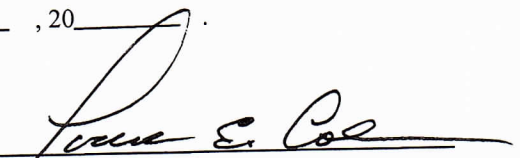
Parallel facilities must be installed no more than 4 feet inside the right-of-way line and buried a minimum depth of 30 inches below the ditch flow line. The ditch must be backfilled to a density equal to the adjacent soil, and approved by the COUNTY.

9. The applicant must agree to refrain from disturbing trees, shrubbery or any part of the landscape without approval of the COUNTY. If it becomes necessary to disturb trees or shrubbery, applicant intentions must be plainly stated in the application, which will include size and kind of trees and shrubs, and disposition during installation.
10. Blasting will not be permitted within the highway right-of-way except in unusual cases and only with special approval from the County Engineer.
11. The applicant must agree to hold the COUNTY harmless for any and all damage that the utility facilities might sustain while occupying County right-of-way.
12. Applicant assures that all necessary permits have been received from those governmental agencies from which approval is required by Federal or State law, including Section 404 of the Federal Water Pollution Control Act Amendments of 1973, 33 V.S.C. 1334.
13. Contractor for this project Green Country Underground (Rod Copelin) , address 13627 S. 129<sup>th</sup> East Ave.—BA, OK

This permit may be revoked for noncompliance.

Accepted this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

Todd E. Cole

  
Owner of Utility

Rod Copelin

Authorized Representative of Company

Owner/President

Title

918-231-4448

Contact Person & Phone #

Attest: \_\_\_\_\_  
Secretary

Accepted this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.



SOUTH 131<sup>ST</sup> STREET

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S. GARHETT RD.

DRIVEWAY

13204 S.  
GARHETT RD.

UNDERGROUND  
BORING

PROPOSED METER

E. 133<sup>RD</sup> STREET S.

SUBDIVISION

