

Otero County  
State of Colorado

RIGHT-OF-WAY  
PERMIT

District No. \_\_\_\_\_

County Road \_\_\_\_\_

Permit No. \_\_\_\_\_

Date \_\_\_\_\_

PERMITTEE'S NAME \_\_\_\_\_ Phone No. \_\_\_\_\_

Address \_\_\_\_\_ City, State, Zip \_\_\_\_\_

Your request for permission to install a \_\_\_\_\_ line along and/or across County Road \_\_\_\_\_ at \_\_\_\_\_

is granted subject to the terms and conditions of this Permit.

Description of work: \_\_\_\_\_

IT IS UNDERSTOOD that the Permittee will cause the installation of the \_\_\_\_\_ line at no expense whatsoever to Otero County, and the Permittee will own and maintain the same after installation. Further, Permittee is responsible for all repairs to the right-of-way for damage caused at any time by Permittee's use under this Permit.

The Permittee shall design all utility installations to conform with all applicable Federal, State and local jurisdiction rules, regulations and codes, subject to the following:

**SPECIAL PROVISIONS**

**TYPE OF CONSTRUCTION**

Bore

Open Cut

**REQUIREMENTS FOR INSTALLATION OF A UTILITY WITHIN THE RIGHTS-OF-WAY OF OTERO COUNTY ROADS,  
STATE OF COLORADO.**

1. The Permittee is responsible for having utility/cable locates done prior to any excavation.
2. Request for installations on the County Roads must be accompanied by a sketch and plan which shall illustrate and recite the exact location and the approximate depth or elevation, length, width, extent, nature and purpose of the installation that is proposed, the purpose for which the privilege is requested, the duration of the time required for the work and other pertinent data requested by Otero County and the issuing official.
3. All requests for installation will be reviewed in the field by representatives of the Road & Bridge Department prior to any issuance of any permit.
4. If this Permit is for an underground utility, the \_\_\_\_\_ line shall be installed beneath the surface of the right-of-way at a minimum depth of \_\_\_\_\_, and the disturbed portion of the right-of-way shall be restored to its original condition. If the utility or pipeline is installed in the borrow pit, the utility or pipeline must be a minimum of 24" below the clean flowline (i.e., the bottom of the ditch) unless otherwise noted in the Special Provisions section above.
5. Where the installation crosses the roadway, it shall be as nearly perpendicular to the roadway as physically possible. This installation shall be installed by the method of boring or jacking beneath the road surface when feasible; however, open cuts are allowed if listed in the Special Provisions section above. No water shall be used in the boring and no tunneling shall be permitted.
6. Where the installation crosses any ditches, canals or water carrying structures, wherever possible it shall be pushed through and beneath in a pipe of larger diameter thereby eliminating the necessity of trenching. In no case shall the flow of water ever be impaired or interrupted.
7. Where special cases warrant, the County will permit the installation of underground utilities paralleling roadways along the slope of the shoulder.
8. The construction of underground utility installations will generally require the services of an inspector furnished by the County. The decision in regard to which project requires inspection is reserved by the County. All costs relating to the inspection of such utility installation will be borne by the Permittee.
9. No work shall be allowed on Saturdays or Sundays.
10. No open trench permitted in traveled roadway after dark, unless otherwise specified in the Special Provisions section above.
11. No cleated or track equipment to work on or move over asphalt surfaces without mats.
12. Any materials from excavation as the result of utility installation will be removed from road surface **each day.**
13. No meters are to be placed within the County Road rights-of-way.
14. Permittee will be required to shut off lines and remove all combustible materials from the County rights-of-way when requested to do so by the County because of necessary road construction, maintenance operations, or if determined necessary for safety reasons, at County's sole discretion.
15. The traveling public must be protected during this installation with proper warning signs or signals both day and night. Warning signs and signals shall be installed by and at the expense of the Permittee and in accordance with directions given by the County Public Works Director or his subordinate.
16. All plastic lines installed must be at least 100 psi.

17. All drainage facilities or siphons will be opened immediately upon completion of work at sites of drainage or siphon installation. Any damaged portion of drainage or siphon facility will be replaced. All damaged sections shall be inspected by Road & Bridge Department Inspector before being concealed in any manner. Drainage ditches or borrow pits shall be restored to original condition immediately after backfilling is completed.
18. Under no condition is an asphalt surface to be cut unless otherwise specified in the Special Provisions section of this Permit.
19. Any open cut across paved or chip sealed roads shall be backfilled with flow-fill which can be acquired through local concrete companies. The top 4" must be compacted hot mix, and in the event the Contractor does not fill with compacted hot mix, Otero County will perform the work and bill the Permittee for time and materials.
20. All work allowed by the Permit must be completed within 30 days of issuance and the Permittee must give the County 24-hours' notice before beginning work.
21. Thrust blocks will be required on all vertical and horizontal bends in water pipes as per list below:

**THRUST BLOCK AREAS AND VOLUMES REQUIRED  
FOR WATER LINES INSTALLED ON OTERO COUNTY RIGHTS-OF-WAY.**

| Pipe Size | Minimum Thrust Area for Tees and 90° Bends | Minimum Thrust Area for 45° Bends | Minimum Volume of Concrete at 45° Vertical Bends Down |
|-----------|--|-----------------------------------|---|
| 2"        | 0.3 sq. ft.                                | 0.2 sq. ft.                       | 0.05 cu. yds.   |
| 3"        | 0.6 sq. ft.                                | 0.3 sq. ft.                       | 0.11 cu. yds.   |
| 4"        | 1.0 sq. ft.                                | 0.4 sq. ft.                       | 0.20 cu. yds.   |
| 6"        | 2.2 sq. ft.                                | 0.9 sq. ft.                       | 0.37 cu. yds.   |
| 8"        | 3.8 sq. ft.                                | 1.6 sq. ft.                       | 0.66 cu. yds.   |
| 10"       | 5.9 sq. ft.                                | 2.5 sq. ft.                       | 1.10 cu. yds.   |
| 12"       | 8.5 sq. ft.                                | 3.5 sq. ft.                       | 1.50 cu. yds.   |
| 14"       | 12.0 sq. ft.                               | 4.8 sq. ft.                       | 2.00 cu. yds.   |
| 16"       | 15.0 sq. ft.                               | 6.3 sq. ft.                       | 2.70 cu. yds.   |
| 18"       | 19.0 sq. ft.                               | 7.9 sq. ft.                       | 3.40 cu. yds.   |
| 20"       | 24.0 sq. ft.                               | 9.3 sq. ft.                       | 4.00 cu. yds.   |
| 24"       | 34.0 sq. ft.                               | 14.0 sq. ft.                      | 5.20 cu. yds.   |

**REQUIREMENTS FOR POST-INSTALLATION OF UTILITY WITHIN THE RIGHTS-OF-WAY OF OTERO COUNTY ROADS,  
STATE OF COLORADO.**

1. The responsibility for maintenance of the restored cuts shall rest with the Permittee for as long as the utility exists within the right-of-way. Any cut which indicates settling at any time shall be restored by Permittee to the level of the surrounding area.
2. The County will not be responsible for any damage that may result in the maintenance of the roads to installations placed inside County Road right-of-way limits.
3. The Permittee shall notify the County before making any repairs or doing maintenance work to the County roadways.
4. If the County determines that repairs are needed, the Permittee will be notified by Otero County of the repairs that need to be made, and if repairs are not made within 15 days of said notification, Otero County shall make the repairs and bill the Permittee for all incurred expenses, including but not limited to labor, equipment and materials used. If the billing is not paid within 30 days of issuance, interest shall accrue on said bill at the rate of 8% per annum.

**OTHER REQUIREMENTS**

The commercial utility owner shall ensure that all permitted operations, whether performed by the utility owner or by subcontractors, are adequately and continuously covered by liability insurance in the minimum amount of \$1,000,000.00. The Permittee (if not a commercial operation) may be exempt from this requirement if specified in the Special Provisions section above. Before commencing any work in any County right-of-way, the utility owner shall furnish or cause to be furnished a certificate of insurance in a form satisfactory to the County certifying that the policy is in full force and effect, unless exempted as stated above.

In the event any changes are made to the above-mentioned County Road in the future that would necessitate relocation of this installation, Permittee will do so promptly at his/her/its own expense upon written request from the Otero County Commissioners.

The Permittee shall notify the County in writing of the planned inactivation of an installation or any portion thereof, including plans for removing the installation or a request to retire or abandon the installation in place. In the event of removal, the Permittee shall promptly restore the County right-of-way to a pre-existing condition or other conditions prescribed by the County. In the event of abandonment or retirement, the

installation shall remain the Permittee's sole responsibility and shall be subject to all terms and conditions of this Permit including maintenance and relocation requirements.

When transferring ownership of utility facilities, both the original Permittee and the new owner shall notify the County in writing prior to the change, and such notice shall indicate the planned date of change. The notice from the new owner shall include a written statement accepting all terms and conditions of the existing Permit, effective upon the planned date of ownership change.

\_\_\_\_\_, Road & Bridge Foreman on this section of the County Road, with headquarters at \_\_\_\_\_, phone # \_\_\_\_\_ or his designee, will represent Otero County in consideration of this installation, and any directions he may make consistent with the intent of this Permit must be followed or this Permit will be terminated forthwith. **Permittee shall call the above listed number for the Foreman or 719-383-3092 to inform the Road & Bridge Department of the date construction will start and when construction is completed.**

This installation work shall be completed by \_\_\_\_\_.

The Permittee agrees to hold OTERO COUNTY, its employees, officers and agents, harmless from any and all loss and damage which may arise out of or be connected with the installation, maintenance, alteration, removal, or presence of the installation herein referred to or any work or facility connected therewith, as concerns the use covered by this Permit.

In accepting this Permit, the undersigned, representing the Permittee, verifies he/she has read and understands all of the foregoing provisions; that he/she has authority to sign for and bind the Permittee; and that by virtue of his/her signature, the Permittee is bound by all the conditions set forth herein. Further, the undersigned Permittee agrees that any false information provided by Permittee shall void this Permit.

\_\_\_\_\_  
Permittee Date

OTERO COUNTY PUBLIC WORKS DEPARTMENT

\_\_\_\_\_  
Public Works Director or Building Inspector Date