

Fee: \$839.00

Date Paid: \_\_\_\_\_

Cash/CC/Check: \_\_\_\_\_

Received By: \_\_\_\_\_

**GUNNISON COUNTY PUBLIC WORKS DEPT  
UTILITY PERMIT**

195 Basin Park Drive, Gunnison, CO 81230

(970) 641-0044

publicworks@gunnisoncounty.org

Security Deposit: \_\_\_\_\_

Date Paid: \_\_\_\_\_

Cash/CC/Check: \_\_\_\_\_

Received By: \_\_\_\_\_

**APPLICANT INFORMATION:**

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

**CONTRACTOR INFORMATION:**

Owner: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

**PERMIT FEES & FINANCIAL SECURITY DEPOSIT:**

1. Application Fee: **\$817.00**
2. Financial Security Deposit: First **500 feet = \$2,500.00, each additional linear foot = \$5.00**

**REQUIRED ATTACHMENTS:**

A site plan (11x17 or digital format) of the work to be done showing lineal footage and location of the project.

**PROJECT DESCRIPTION:**

County Road # \_\_\_\_\_ County Road Name: \_\_\_\_\_

Specific work location: \_\_\_\_\_

Is this project concerning work above the right-of-way?  Yes  No

Road Surface:  Asphalt  Chlorided/Gravel  Gravel  Native

Depth of Proposed Trench:  2 Feet  3 Feet  4 Feet  5 Feet  6 Feet

Type of Work:  Phone  Electric  CATV  Gas  Water/Sewer  Other \_\_\_\_\_

Excavation Type:  Boring  Plowing  Trenching  Other: \_\_\_\_\_

Total Linear Footage: \_\_\_\_\_

Comments: \_\_\_\_\_

**Additional requirements of construction/restoration: (Set forth by Gunnison County)**

- In accordance with attached typical road cut restoration and backfill sketch
- Approved traffic control plan required  Regrading of shoulders and ditches  Reseeding

Other: \_\_\_\_\_

**REGULATIONS:**

- This permit is granted expressly subject to the conditions, specifications and penalties set forth by the Gunnison County Standard Specifications for New Road and Bridge Construction Requirements.
- All labor and materials shall be furnished by the applicant, contractor, developer, owner, or governmental agency and assumes all responsibility and liability for any and all damages or claims resulting from said installation and hereby agree to pay for any and all repairs that must be made to this portion of the roadway or right-of-way resulting from installation for the life of the utility.
- In the event any changes are made in said roadway or right-of-way in the future that would necessitate the removal or relocation of said installation, the applicant, contractor, developer, owner or governmental agency will do so at their own expense upon written request from Gunnison County.
- The applicant, contractor, developer, owner or governmental agency represents that it, its employees, agents and subcontractors are covered by workmen’s compensation insurance, and that the applicant, contractor, developer, owner or governmental agency indemnify and hold harmless Gunnison County from any and all claims of any nature whatsoever which thereto including costs of suit and attorney’s fees incurred by the County should litigation arise from said claims.
- This understanding and agreement will be binding upon your respective heirs, executors, administrators and assigns.
- Authority for the administration and enforcement of the Utility Construction Permit is derived from the 1973 Colorado Revised Statutes Sections: 37-84-108 through 38-5-101, 42-4-101 through 42-4-513, 42-4-1207, 43-2-111, 43-2-147, 43-5-301, 43-5-3 and 32-1-1006.
- The permittee agrees that permittee shall pay Gunnison County’s costs and attorney’s fees for enforcement of the requirements of this permit.
- The U.S. Fish and Wildlife Service has determined effective December 22, 2014 threatened species status, under the Endangered Species Act of 1973 as amended, for the Gunnison Sage-grouse. Gunnison County approval of this County permit is not U.S. Fish and Wildlife Service approval of any activity described or authorized by this County permit. Gunnison County is not and does not act as your representative with regard to consultation with the U.S. Fish and Wildlife Service or performance of U. S. Fish and Wildlife Service requirements.
- A utility permit is valid for one year.
- Final inspection is required. Your financial security deposit/bond may be held for up to a year to guarantee that all repairs have been done to County specifications and will endure a winter season.
- **A copy of this permit shall be available and presented upon demand on the job site at all times.**
- **No utility installations within County Road right-of-way will be allowed AFTER October 15 or BEFORE April 1st of any year.**

Applicant or Applicant’s Representative:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\*\*\*\*\*

**APPROVAL:**

Permit granted this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, subject to the provisions, specifications and conditions stipulated herein.

\_\_\_\_\_  
Utility Inspector

\_\_\_\_\_  
Date

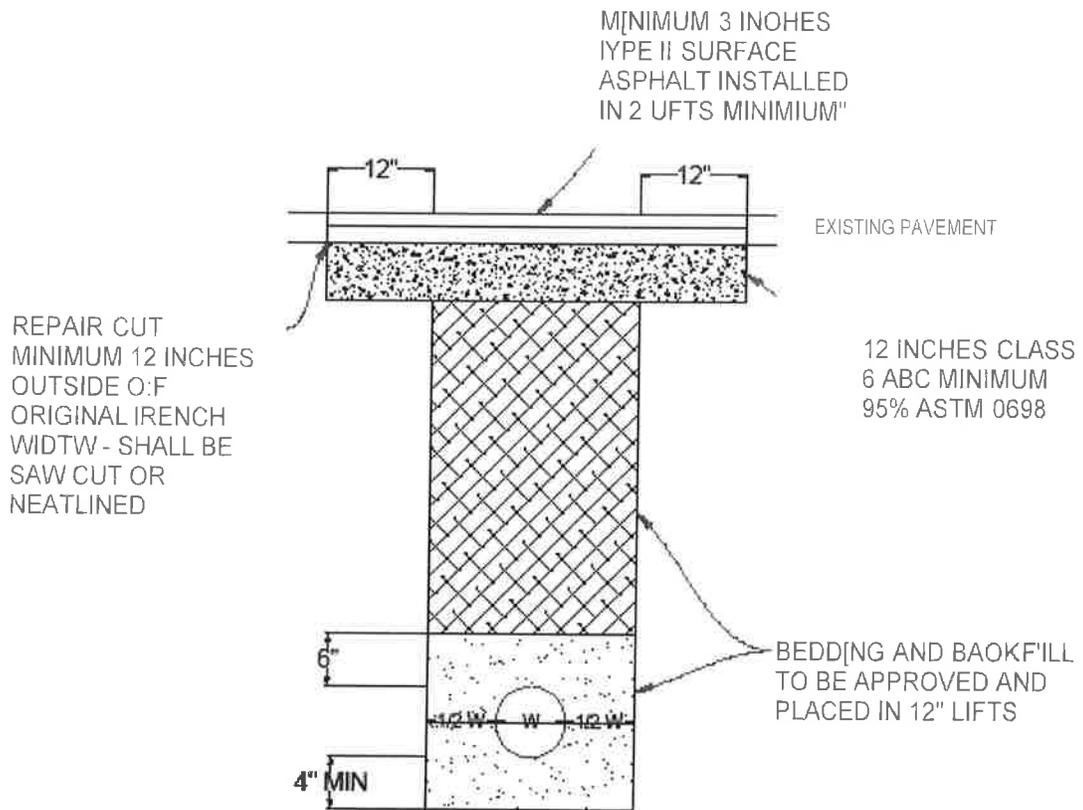
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**FINAL INSPECTION:**

Final inspection of the project was completed \_\_\_\_\_ by \_\_\_\_\_.

Financial Security Deposit was refunded (if applicable): Date: \_\_\_\_\_

# TYPICAL ROAD CUT RESTORATION AND BACKFILL



"NOTES

1. SAW CUT SHALL BE FULL DEPTH OF EXISTING PAVEMENT SECTION.
2. TYPE II SURFACE ASPHALT LIFTS SHALL BE ADJUSTED ACCORDINGLY.

## T-PATCH REPAIR

## 4.10 Utilities

Any utility within a road right-of-way shall be designed and located to maximize public safety and minimize road impact and maintenance and snowplowing costs. All utilities requiring above-ground risers or boxes shall locate them at least twenty feet (20') from the centerline of the road. All new underground facilities must be electronically locatable when installed, including laterals up to the structure or the building being served. All plowed or trenched installations must include appropriate color-coded warning tape placed not less than twelve (12") inches vertically above the top of the line. The warning tape shall be surface-detectable if needed to facilitate detection of the line. When a utility company must make an emergency repair on a County road to restore service, they may do so. The company should notify the Director of Public Works within forty-eight (48) hours to coordinate the repair of the site as soon as possible.

### A. Underground Utilities

1. Where the installation crosses a paved roadway, it shall be made by mechanical boring or jacking beneath the road surface. Open cutting shall be allowed to the edge of the shouldered portion of the road. No tunneling shall be permitted. In no circumstance shall an existing culvert be used for an installation of an utility. The Director of Public Works may, in their sole discretion, authorize pavement cuts with associated requirements based on the condition of the asphalt and known soil conditions in the area.
2. If micro-trenching installation is requested, it will be evaluated based on several factors, including but not limited to: roadway classification (e.g., arterial, collector, or local), traffic volumes, signalized intersections, condition and age of the existing pavement, existing utility infrastructure, and other site specific circumstances. Requests for micro-trench installations are required to include detailed drawings of the proposed route(s), location of micro-trench along route (including laterals), justification for the nonstandard trench installation, and if approved, an electronic as-built file.
3. Pavement cuts are permitted when: two unsuccessful attempts have been made to bore or jack the installation; conflicting utilities place constraints as to elevation or alignment on the proposed installation; connecting to an existing utility located beneath the paved portion of the roadway; and approved in advance by the Director of Public Works.

Cutting existing asphalt shall be accomplished so as to provide a neat even line perpendicular to the centerline of the roadway, the cut and resulting repair will be done in accordance with the "T patching" best practice.

4. When an open cut is allowed, the permittee is responsible for restoring the disturbed portion of the roadway to its original condition. The disturbed area shall be repaired within forty-eight (48) hours from the time of excavation, or twenty-four (24) hours from completion of the project within the roadway. Prior to completing the repair the cut must be left in an acceptable condition for public use. Any repairs not completed within 48 hours must be approved by the Director of Public Works. (See Figure 4-1).

Backfilling within the roadway prism shall be made in six-inch lifts and mechanically compacted and to 90% density around the utility, and 95% density for the remaining portion of the trench between the base course and the utility. Backfill outside the roadway prism shall be compacted to a density consistent with the adjoining area.

Relative densities shall be determined by AASHTO T-99, with the material within one percent of optimum moisture. Backfill material shall be of clean, random (non-granular) material. Bedding material may be granular. Imported backfill meeting standards defined by the Department of Transportation, Division of Highways, State of Colorado Standard Specifications for Road and Bridge Construction, latest edition may be required when existing material is unsuitable.

Permittee may be required to perform compaction control testing. The compaction testing schedule is as follows:

- a. One test at 1/2 trench depth from zero to five feet deep (0-5'), and one test at finish grade.
- b. Two tests, one at each third point for trenches five to ten feet (5-10') deep, and one test at finish grade.
- c. Three tests, one at each quarter point for trenches ten feet (10') deep and over, and one test at finish grade.

Tests shall be performed at thirty (30') foot intervals for trenches one to one hundred twenty (120') feet in length, fifty (50') foot intervals for trenches one hundred twenty (120') to three hundred (300') feet, and one hundred (100') foot intervals for trenches over three hundred (300') feet in length. Permittee shall bear all expense for testing fees and repair costs. The County reserves the right to conduct in-place density tests to confirm the permittee's density test results, and require retesting of areas where conflicting test results are obtained.

An acceptable surety guaranteeing repair or replacement of failures within a one-year period after completion of the last repair shall be required for road cuts.

Structural backfill (flow-fill) meeting an approved design containing portland cement water, coarse aggregate and fine aggregate and, resulting in a maximum of sixty (60) psi in twenty-eight (28) days may be used in lieu of compaction testing.

Hot Bituminous Pavement Mix Grading C, CX, G, OR F as defined by the Department of Highways, Division of Transportation, State of Colorado, Standard Specifications for Road and Bridge Construction, latest edition, shall be used for patching material, except when unavailable, during which time a temporary cold mix patch shall be allowed. Temporary patches shall be replaced with hot mix patches within five working days after material becomes available. The layer of patching shall be at least as thick as the original road surface, and in no case less than two inches. Asphalt cuts shall be twenty-four (24") inches wider (twelve inches per side) than the width of the excavation.

Permittee shall be responsible for patch failure and subsequent surface settlement for a period of twelve months after completion of the last repair.

Repairs to failed patches may be made by the county and billed directly to the permittee.

5. No underground utility may be installed within a road right-of-way if such installation would interfere in any fashion whatsoever with any existing utility installation or water course, including a corral, ditch or culvert, except with the prior written authorization of the owner of the existing utility installation or water course. Damage to any existing utility or in-ground infrastructure shall be the responsibility of the permittee, given that the existing utility complied with Colorado subsurface utility regulations.

6. The traveling public shall be protected during the repair or installation of utilities with proper warning signs or signals. Warning signs and signals shall be installed and maintained by and at the expense of the permittee, in accordance with latest edition of The Manual on Uniform Traffic Control Devices. The County Public Works Department may require a construction signing plan prior to the granting of this permit. If proper signs are not in place during the work or a critical safety deficiency is observed, the Director of Public Works or authorized representative shall immediately stop all work until proper corrective actions are taken.
7. Utility placement by plowing may be allowed in certain locations. Plowing shall not occur across paved roads. Where plowing operations occur across the roadway prism and result in an open cut, backfilling shall be done in accordance with this Section. Longitudinal plowing on a gravel road within the traveled way shall require aggregate replacement.
8. When a road closure due to utility installation becomes necessary, the permittee shall notify the Gunnison County Sheriff's Office and/or State Patrol, transit authority, ambulance, fire department, and school district, stating duration of all road closures. All road closures must be approved by the Director of Public Works in writing in advance of road closure.
9. No cleated or tracked equipment shall work on or move over asphalt surfaces without mats.
10. Any materials excavated as the result of utility installation shall be removed from road surface each day unless the material pile is signed per The Manual on Uniform Traffic Control Devices and may serve as a barrier to an open excavation. The Director of Public Works may require that road surfaces be washed. (C.R.S. § 42-4-1207)
11. Requests for permits should allow forty-eight (48) hours for a field review by the County Public Works Department prior to the issuance of any permit.
12. Construction of underground installations will generally require the services of an inspector approved by the County Public Works Department. All extraordinary costs related to such inspection will be borne by the permittee.
13. Failure to obtain a permit when working within the County road rights-of-way will result in a fee five (5) times the regularly scheduled fee.
14. Road cuts for utility installation or repair made parallel to the centerline of the road, and which cause damage to, or require the removal of asphalt in any traffic lane, require the replacement of asphalt to the full lane width throughout the disturbed section.
15. When utilities are to be located behind the curb, the trench or excavation shall be located at a distance away from the back of curb or edge of asphalt equal to the depth of the trench or excavation.
16. No placement of underground utilities will be allowed when there is more than four inches (4") of frost present.

17. Utility Locate Markers. All flagging feathers used for utility locates shall be removed by the applicant before release of financial security.
18. As-Built Plans. All applicants for surface alteration or road cut permits will be required to submit a complete set of as-built plans before the final release of financial security.
19. Reclamation of Disturbed Areas. The permittee shall be responsible for the complete reclamation of areas disturbed within the rights-of-way to prevent the introduction and/or spread of noxious weeds and soil erosion. Soil disturbance of five hundred (500) square feet or greater shall be revegetated. Revegetation requirements for soil disturbance less than five hundred (500) square feet will be at the discretion of Gunnison County.
20. Noxious Weed Control. The permittee shall be responsible for noxious weed control in disturbed areas utilizing Integrated Weed Management (IWM) practices. C.R.S. § 35-5.5-101, *et seq*: the *Colorado Noxious Weed Act*, Gunnison Basin Integrated Weed Management Plan; Board Resolution 98-13, as amended, and Gunnison County Land Use Resolution require that noxious weeds be controlled. Noxious weed infestations should be properly identified to determine proper control measures. Noxious weeds can be controlled by utilizing one or more of the following IWM practices: 1) biological control, 2) cultural control, 3) herbicide control, or 4) physical control. Contact Gunnison County for the current list of noxious weeds mandated by law to be controlled and for assistance in weed identification and control methods.