

Mesa County Road and Bridge Right of Way Permit Requirements Overview

Revision Date: March 2024

Declarations:

- Please fill out this online application and upload your sketch plan to complete the online application process.
- Your application and sketch plan will then be reviewed by Mesa County staff.
- Once the review is complete and fees are assessed, a formal permit form will be sent out for signatures and final approval. Any special provisions will be indicated or attached as part of the permit form.
- The completed and approved permit form, with signatures, will be distributed and also an electronic copy will be attached to this online permit record.
- Payment options include invoicing by Mesa County staff or you can pay any outstanding permit fees via credit card by logging into your online registered account and selecting “Pay Fees”.
- Please direct any questions the Mesa County Road & Bridge Department (970) 255-5032

BACKFILL

The proposed utility shall be installed within the right-of-way at a depth of [INSTALL DEPTH] (24 inches minimum). The backfilling within the roadway prism shall be made in six-inch lifts and mechanically compacted and densified 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 but in no case less than 85% density. Percentages shall be determined by AASHTO T99, with the material within two percent of optimum moisture. Backfill material shall be of clear random (non-granular) material. Bedding material may be granular. Granular backfill may be authorized on a case by case basis. If granular backfill material is used, compaction shall be a minimum of 70% relative density. Imported backfill (Class 1 or 2 as defined by the Department of Highways, Division of Highways, State of Colorado, and Standard Specifications for Road and Bridge Construction, latest edition) may be used or required when existing material unsuitable.

BORING

Where the installation crosses an asphaltic surfaced roadway the installation shall be installed by boring or jacking through beneath the road surface; however, open cutting shall be allowed up to the edge of the shoulder portion of the road. No tunneling shall be permitted.

WHEN PAVEMENT CUTS ARE PERMITTED:

1. An unsuccessful attempt has been made to bore or jack the installation.
2. Conflicting utilities place constraints as to elevation or alignment on the proposed installation.
3. Connecting to an existing utility or installation located beneath the paved portion of the roadway.
4. Otherwise approved in advance.
5. Cutting existing asphalt shall be accomplished so as to provide a neat even line and outside of the motor vehicle wheel path.

When an open cut is allowed, the Permittee shall be responsible for backfilling and compacting as described in the BACKFILL section of this permit. The Permittee is responsible for restoring the disturbed portion of the roadway to its original condition. The disturbed area shall be repaired within 48 hours from the time of excavation or 24 hours from completion, of backfilling, whichever is greater. Hot Bituminous Pavement Mix Grade D or E as defined by the Department of Highways, Division of Highways, State of Colorado, Standard Specification of 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 patched within five working days after material becomes available. All disturbed areas to be patched shall be Prime Coated with MC-70 or the equivalent and applied at the rate of 0.15 - 0.30 gallon per square yard. Thickness layer of patching shall not be less than 3 inches.

COMPACTION

Permittee will be required to perform compaction control testing in accordance with the Applicable Provisions, unless structure backfill (flow-fill) is utilized. Permittee shall be responsible for patch failure due to consolidation of backfill and subsequent surface settlement for a period of eighteen months after completion of patching. Repairs to failed patches could be made by the Mesa County Road Department and billed directly to the permittee, or owner-utility.

PLOWING

Utility placement by plowing shall be allowed only when approved in advance by the Division of Transportation Supervisor. Permit fee shall be determined in accordance with the Fee Schedule.

Where plowing operations occur across improved surfaces or within the roadway prism and result in an open cut, backfilling shall consist of fine-grained granular aggregate compacted to 85% minimum relative density. Permanent surfaces shall be replaced where crossed with a minimum patch width 12 inches wider (6 inches per side) than the surface damaged by plowing.

AGREEMENT

The Permittee shall agree to hold the County of Mesa, the agencies thereof, and their officers and employees 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 facility connected therewith, within the area covered by this permit, unless loss or damage occurs from their negligence. This work shall be completed within sixty days from the above date unless otherwise stated in Special Provisions. No work shall be allowed on Saturdays or Sundays unless provided for under Special Provisions. No open trench permitted in traveled roadway after dark, unless otherwise specified in Special Provisions. In the event that road improvements within the right-of-way existing at the time of utility installation is necessitated for any reason the utility agrees to relocate at its sole expense to a location not in conflict with the proposed roadway, the reasonable advance notice, from the Division of Transportation Supervisor. Mesa County will not be responsible for any damage to any installation placed inside County Right- Of-Way limits, occurring due to normal maintenance activities.

FEE SCHEDULE

A permit will be required for each public road that work is being performed in. The permit fee shall be Twenty-Five Dollars (\$25.00). Permits that include a road closure shall be Fifty Dollars (\$50.00). Extraordinary costs relating to utility inspection shall be billed to the Permittee at the rate of \$15.00/hour for Inspector's time and \$20.00/hour for the Division of Transportation Supervisor time.

NOTE:

The issuance of this permit does not warrant the availability of right-of-way or easement adjacent to roadways. Permittee is responsible for insuring he has legal access to the areas shown on the permit application. The issuance of this document by Mesa County permits the applicant to work in areas where their work will affect existing County facilities and land. This permit does not warrant:

1. The existence of County right-of-way in all the areas proposed for disturbance by the applicant. The applicant is responsible for determining the legal status of the land impacted by their activities and obtaining any easements or rights-of-way required from affected landowners.
2. This permit does not warrant that the areas proposed for disturbance are free of existing utilities or facilities. The applicant is responsible for locating any existing facilities and insuring that the work being done under this permit does not adversely impact any existing Facilities.

APPLICABLE PROVISIONS

All utility installations shall comply with the applicable provisions of the Mesa County Standard Specifications for Road and Bridge Construction, and Mesa County Road and Right-of-Way Use Regulations. Requirements for installation of utilities within the right-of-way include, but are not limited to, the following:

1. The Permittee shall notify the local police, ambulance, fire department and school district stating duration of all road closures. All road closures must be pre-approved.
2. All work covered by this permit must be completed within the designated time frame not to exceed 60 days. Extension of the completion date may be granted upon proper request to the County Division of Transportation.
3. No cleated or track equipment shall work on or move over asphalt surfaces without mats.
4. Any materials from excavation as the result of utility installation will be removed from road surface each day.
5. Encasement of water main and sewer force main will be required from toe of slope to toe of slope under all paved county road intersections and approaches, unless otherwise approved in advance by the Division of Transportation.
6. All requests for installation may be reviewed in field by representative of the Division of Transportation office prior to issuance of any permit.
7. All construction of underground installations will generally require the services of an inspector furnished by the Division of Transportation. The decision as to which project requires inspection is reserved by the Division of Transportation. All extraordinary costs relating to the inspection of such utility installation will be borne by the Permittee at a rate specified by Mesa County.

8. All drainage facilities or siphons will be opened immediately upon completion of work at side of drainage or siphon installation. Damaged portion of drainage or siphon facility will be replaced. All damaged sections shall be inspected by Division of Transportation inspector before being concealed in any manner. Drainage ditches or borrow pits shall be restored to original condition immediately after backfilling is completed.

9. The issuance of this permit does not constitute acceptance into the county road system of any roads shown on the sketch; nor does it obligate Mesa County to participate in the construction or maintenance of access roads located upon existing public rights of use. Mesa County does not warrant county right-of-way. The Permittee shall determine all ownership and property lines.

10. During winter months the roadway surface will be repaired with cold mix asphalt within 48 hours of road cut excavation. Permittee will place the final hot mix road patch within 5 working days after becoming available.

11. Compaction testing schedule:

a. One test at 1/2 trench depth from 0 to 5 feet deep, and one test at finish grade.

b. Two tests, one at each third point for trenches 5 to 10 feet deep, and one test at finish grade.

c. Three tests, one at each quarter point for trenches 10 feet deep and over, and one test at finish grade.

d. Tests shall be performed at 30 foot intervals for trenches 1 to 120 feet in length, 50 foot intervals for trenches 120 to 300 feet, and 100 foot intervals for trenches over 300 feet in length. Additional tests may be required by the Division of Transportation Supervisor. Permittee shall bear all expense for testing fees and repair costs.

e. Documentation of compaction control test results may be waived by the Engineering Supervisor upon submittal of an acceptable bond guaranteeing repair or replacement of failures within a one and half year period after completion of the first repair.

12. A suitable bond in the amount fixed by the Division of Transportation Supervisor may be required prior to issuance of any permit. This bond may be released by the Division of Transportation Supervisor upon submittal and acceptance of compaction test results certified by a Registered Professional Engineer licensed to practice in the State of Colorado.

Work shall comply with any and all laws, ordinances, orders, rules, regulations, standards, and licensing requirements of state, federal, municipal, or local authority or agency having jurisdiction.

Permittee shall indemnify and hold harmless Mesa County, its employees and agents, from any acts arising from the construction of facilities or work covered by this permit and the permit process.

The Permittee or their Contractor shall maintain insurance at all times during performance of work authorized by the permit with minimum limits of liability of not less than \$1,000,000 for each claim and \$1,000,000 Annual Aggregate. By applying your electronic signature on the Applicant Signature line, you are signing and accepting this Permit. In accepting this Permit the undersigned, representing the Permittee, verifies that he has read and understands all of the foregoing provisions: that he has the authority to sign for and bind the Permittee: and by virtue of his signature the Permittee is bound by all conditions set forth herein.

*Note this is only a summary and not all applicable requirements for Right of Way work. See Mesa County Road and Bridge webpage for current CDOT Standards and Specifications when planning your next Right of Way project.