



BOND #_____

INSURANCE

TRAFFIC CONTROL PLAN

Permit Fees:

- For asphalt, concrete, paved right-of-way: <500 sf = \$250.00, >500 sf = \$400.00
- For unpaved right-of-way, and encroachment: \$200.00

PERMIT FEE: \$ _____
(NON-REFUNDABLE)

EXCAVATION / ENCROACHMENT PERMIT & AGREEMENT

Murray City Public Works Department
4646 South 500 West
Murray, UT 84123

Application Date: _____ Date Issued: _____ Permit #: _____

Work Location: _____

Purpose of Excavation: _____

Name of Applicant: _____

Billing Address: _____

City/State: _____ Zip: _____ Phone #: _____

Name of Contractor: _____ State License #: _____

Email Address: _____ Phone #: _____

On-site Contact (24 hr): _____ Phone # (24 hr) _____

Pavement Type: _____ Approx Size: Length _____ Width _____ Depth _____

Construction Start Date/Time: _____ Completion Date/Time: _____

APPLICANT AGREES TO MEET ALL MURRAY CITY ENGINEERING ROAD CUT & EXCAVATION STANDARDS AND SPECIFICATIONS AS PUBLISHED BY MURRAY CITY ENGINEERING DEPT. THIS PERMIT IS VALID 45 DAYS FROM ISSUE DATE

PERMIT EXPIRATION DATE: _____
(leave blank)

AUTHORIZED SIGNATURE: _____
(fill in)

****NOTE****

PERMITS MUST BE TAKEN OUT 48 HOURS IN ADVANCE OF ANY CUTS OR EXCAVATION AND PRESENT AT THE WORK LOCATION AT ALL TIMES. CONTRACTOR SHALL NOTIFY INSPECTOR BY ACTIVATING THE PERMIT 24 HOURS IN ADVANCE BEFORE WORK CAN PROCEED. FAILURE TO ACTIVATE PERMIT MAY RESULT IN A CITATION OR STOP WORK ORDER.

To activate permit contact Jason Briese at (o) 801-270-2402 (c) 385-2723050 or jbriese@murray.utah.gov

SPECIAL CONDITIONS (office use only)

MURRAY CITY EXCAVATION / ROAD CUT REQUIREMENTS

1. **Excavation Permit & Agreement**- The applicant must complete the Excavation Permit & Agreement form, and be familiar with Murray City Standards and Specifications.
2. **Access Agreements**- This permit is only valid for work in Murray City Right-of-Ways. The applicant must obtain easements and or access agreements for all work outside of Murray City Right-of-Ways.
3. **Bond**- The applicant, in conjunction with their surety company, is required to complete a Murray City Corporation Excavation bond form. Murray City requires the use of their bond form and the bond needs to be continuous until cancelled in the amount of **\$10,000.00**. The bond guarantees that the excavated street or public right-of-way is restored or repaired by the applicant in accordance with Murray City Standards and Specifications, or if the repair work is done by Murray City, to guarantee reimbursement to Murray City for that work. The amount of the bond may be increased or decreased at the discretion of the City Engineer whenever it appears that the amount of the cost of the work to be performed may vary from the amount of the bond. The bond shall be conditioned that the applicant shall guarantee the materials and workmanship for a period of three years from completion of such work, reasonable wear and tear accepted.
4. **Insurance**- The applicant must furnish a certificate of insurance in a company authorized to issue insurance by the state showing that the applicant has a comprehensive general liability and property damage policy that includes contractual liability coverage with minimum limits of \$1,000,000.00 for injuries, including accidental death to any one person; in an amount not less than \$2,000,000.00 on account of injuries sustained in any one accident; and property damage insurance in an amount not less than \$1,000,000.00 for each accident. Murray City shall be named additional insured on the policy.
5. **Permit Fees**- The applicant shall pay the Public Works Dept. the following fee deposit before a permit will be issued. These fees are nonrefundable. **\$250.00 min** for excavations involving asphalt or concrete, **excavations greater than 500 sf = \$400.00**. **\$200.00 min** for unpaved ROW, and encroachment.
6. **Permit Activation**- Activation of permit must be scheduled with inspector 24 hours prior to commencing work, 48 hours if work is scheduled on weekends or holidays. Failure to activate may result in a citation or stop work order. If permit holder fails to comply with Murray City requirements, specifications, or special conditions pertinent to the permit, a stop work order, may be issued, and/or subsequent permits may not be issued.
7. **Traffic Control Plan**- The applicant shall also submit a formal traffic control plan which must meet the department's approval as a condition for the issuance of the permit. (Must meet MUTCD standards). Failure to comply with conditions of approved plan, and Murray City Code 12.16.060 (Traffic control devices around excavations) may result in a citation and/or stop work order.
8. **Trench Backfill**- All trench backfill material shall be a 3" minus imported granular backfill meeting AASHTO M 145 classification A-1-a. (**Do not use gravel or sewer rock**). Material must be placed at a maximum lift thickness of 8" before compaction. Material shall be compacted to 95% of the modified proctor density as determined by ASTM 1557. Compaction testing will be conducted by a certified material testing lab at the contractor/ permit holders expense. Should the applicant find it necessary to change this method or any part of it, approval must be obtained from the City Engineer.
9. **Flowable Fill**- Flowable fill must be used in excavations that are too narrow to receive compaction. Provide 28 day 60 psi controlled low strength material as specified in Section 31 05 15 of APWA 2017 standards and specifications.
10. **Asphalt Saw Cut**- All excavations in roadways shall be saw cut at least 1 foot beyond in all directions to form a "T" patch. Remove any additional pavement if within 2 feet of a painted line strip, lip of gutter, existing pavement patch, or edge of pavement.
11. **Asphalt Patchwork**- All asphalt patchwork shall be performed by an approved asphalt paving company. Provide full tack coat coverage on all vertical surfaces. Asphalt mix design shall be PG 64-22 DM $\frac{1}{2}$ ". Patch thickness shall be existing thickness +1", with a maximum thickness of 8". (4" minimum residential streets, 6" minimum arterials and collectors) Do not patch if surfaces are wet, or weather is unsuitable (no frost in ground, temps are 50 degrees F & rising.) Do not patch if wind or ground cools mix before compaction. Compaction testing may be required and must be performed by a certified material testing lab at the contractor/ permit holders expense. All road cuts must be patched within **72 hours** after backfilling.
12. **Winter Moratorium**- Between November 15th and March 15th, road cut and excavation permits will only be issued for emergency utility repairs and will be reviewed on a case by case basis. Any exceptions will need to be approved by the City Engineer and Public Works Director. It is the responsibility of the contractor/ applicant to comply with any special conditions imposed by the city regarding restoration of the roadway for emergency cuts. Asphalt placed between November 15th and March 15th will be considered temporary and will need to be replaced when weather conditions are suitable.
13. **No Cut Roads**- Murray City has a NO CUT policy on roads newer than 3 years. If a road cut is absolutely necessary, extreme measures must be met to ensure that the road cut is placed back in the same or better condition, which may include mill and overlaying the proposed road cut area. (Reference Murray City Moratorium Standard and Restoration).
14. **Concrete Placement**- Contractor/permit holder must call for form inspection 24 hrs before concrete is placed. Concrete placed must be a 6.5 bag class 4000 mix design (Concrete placed after Nov 15th reference Murray City Cold Weather Concrete Placement). If Murray City Standards are not followed, concrete will be removed and replaced at the expense of the contractor/applicant. All concrete removed must be restored before excavation permit expires.
15. **Roadway striping and markings**- Any painted or taped pavement markings disturbed during excavation shall be repainted or taped in the same location by the contractor/ applicant.
16. **SWPP**- Catch basins and storm drain inlets within 300 ft of the excavation must be protected from dewatering, sediment, and construction debris
17. **Clean Up**- Upon completion of the excavation, patchwork, and concrete work, the area shall be swept and returned to original condition. This includes any disturbed landscaping. All restoration work must be completed before permit expiration.
18. **Encroachment Violation Fee**- Encroachment or excavation not authorized by the conditions of the permit application and requirements may result in an Encroachment Violation Fee of **\$100.00/ day**.



Murray City No Cut Moratorium Standard

This standard applies to new streets, streets that have been reconstructed, overlaid streets, and streets that have been slurry sealed.

- **New Streets/Reconstructed Streets:** New streets/reconstructed streets shall not be cut for (3) years from the time of completed construction.
- **Overlaid Streets:** Overlaid streets shall not be cut for (3) years from the time the street was overlaid.

If an emergency utility cut is absolutely necessary within the three year moratorium period, the **Murray City Special Restoration Standard** will apply (see below). **The engineer reserves the right to require an overlay over the full width of the street to restore the roadway to the original condition**

Murray City Special Restoration Standard

This standard applies to new streets, streets that have been reconstructed, overlaid, and slurred streets.

Prior to the mill and overlay, the trench will be reconstructed per City Standards. The patch shall be placed in compliance with APWA plan no. 255 entitled Asphalt Concrete "T" Patch.

- **New Streets/Reconstructed Streets:** (During the three year moratorium period), the asphalt surface shall be milled down a minimum depth of two (2) inches fifteen (15) feet each way of the edge of the cut. Milling shall be done in widths equivalent to existing striped traffic lanes. The engineer reserves the right to require an area length greater than fifteen (15) feet each way of cut or a depth greater than two (2) inches if deemed appropriate to restore the roadway to the original condition.
- **Overlaid Streets:** (During the three year moratorium period), the asphalt surface shall be milled down a minimum depth of two (2) inches fifteen (15) feet each way of the edge of the cut. Milling shall be done in widths equivalent to existing striped traffic lanes. The engineer reserves the right to require an area length greater than fifteen (15) feet each way of cut or a depth greater than two (2) inches if deemed appropriate to restore the roadway to the original condition
- **Slurried Streets:** (For one year after placement only), an area not less than fifteen (15) feet from the edge of the cut (full traffic lane width) shall be re-slurry sealed with an approved Type II slurry.

Murray City Winter Moratorium Standard (November 15th to March 15th)

Between November 15th and March 15th, Road Cut, & Excavation Permits will only be issued for emergency utility repairs and will be reviewed on a case by case basis. Any exceptions will need to be approved by the City Engineer and Public Works Director. It's the responsibility of the applicant / utility company to comply with any special conditions imposed by the City regarding restoration of the roadway for emergency cuts. Asphalt placed between November 15th and March 15th will be considered temporary and will need to be replaced when weather conditions are suitable.

For more information, contact the Engineering Department at (801) 270-2440.