

<b>Title:</b> Administrative Policy Right-of-Way Use and Construction Permits and License Agreements	<b>Policy No.</b> Part 8, Street and Roads Chapter 3, Permits Section 1
	<b>Effective Date</b> November 13, 2018
<b>Policy Custodian</b> Transportation and Engineering Division	<b>Adoption/Revision Date</b> November 13, 2018

**Adopting Resolution(s):** CC18-377

**References (Statutes /Resos/Policies):** CC76-238, CC89-36, CC97-205, CC01-536, CC06-186, CC06-549, CC09-271, CC12-176, CC16-178, CC18-145

**Purpose:** To issue permits to allow construction in right-of-way and to establish the authority and responsibility for the inspection and acceptance of improvements to the right-of-way.

**Policy:** Right-of-Way Use and Construction Permit

A. Definitions

1. Containers: Large items, typically 8 feet by 10 feet or greater, including but not limited to, dumpsters, roll-offs, and other similar containers, which typically hold debris, trash or other materials relating to construction. Note: Container specifically excludes normal household trash cans that are placed in the ROW on the designated trash pick-up day.
2. County Right of Way (“ROW”): Public highways as defined under C.R.S. §43-2-201 within unincorporated Jefferson County, but specifically excluding state highways which are controlled and regulated by the State of Colorado through its Department of Transportation.
3. Facilities: All lines, as well as all appurtenances, including but not limited to, antennae, boxes, cabinets, coaxial and wire cable, conduit, controllers, fiber optics, pedestals, pipes, poles, structures, valves and other wires, regardless if overhead or underground, operational or abandoned, that are used, or have been used, to provide service, distribution or transmission of gas, electricity, water sanitary sewer, drainage, irrigation, telephone, telecommunications, broadband, internet, video services, or other services.
4. Facility Owners: The legal owner of all Facilities whether leased, licensed, or rented to a third party.

B. Permits

1. All work performed in a ROW, or Containers temporarily placed in the ROW, shall require the issuance of Right-of-Way Use and Construction Permit.
2. Permits shall be obtained no less than 48 hours prior to construction from the Jefferson County Transportation and Engineering Division at 100 Jefferson County Parkway, Suite 3500, Golden, CO 80419-3500, (303) 271-8495
3. The work of installing range boxes, surveying monuments, adjusting manhole rings and service boxes, or any similar work undertaken solely for the convenience of and at the order of Jefferson County shall require a permit; however the permit shall be issued on a "NO FEE" basis. The permit holder (Permittee) will still be required to perform the work in complete compliance with all Jefferson County standards and requirements.

4. Permits shall apply to emergency repairs; however, a delay of 48 hours is granted, excluding weekends and holidays, following the beginning of such repair before the permit for the same shall become a "penalty permit".
5. Any permit issued shall pertain only to excavating or constructing within the ROW and is in no way a permit to enter any private property adjacent to such ROW or easement or to alter or disturb any facilities or installations existing within the ROW and which may have been installed and are owned by others. The exception to this shall pertain only to those activities associated with control and monitoring of sediment and erosion, and all applicable items that are to occur beyond the ROW, in order to assure compliance with performance standards required by the permits issued under the Jefferson County Zoning Resolution.
6. New driveways to be constructed without curb and gutter that connect to a county maintained road require an additional Access Permit, obtainable from the Jefferson County Planning and Zoning Division.
7. No permit shall be issued to any person or corporation except as set forth in the Bonds Section of this policy.
8. Permits, when issued, shall be valid for a period of ninety (90) calendar days, and may be renewed for one (1) additional ninety (90) calendar day period, providing the renewal is obtained prior to the expiration date of the permit. Failure to obtain a renewal as stated herein will require the obtaining of a new permit and payment of all applicable fees.
9. Any permit determined to be without an adequate bond as required in the Bond Section of this policy, shall be subject to immediate revocation by Jefferson County.
10. Failure of the Permittee to comply with any of the terms and conditions of the permit shall be considered a violation. The Jefferson County inspector ("Inspector") may direct the Permittee to perform corrective actions to remedy the violation. If these corrective actions are not performed to the satisfaction of the Inspector, the permit shall be cancelled. The corrective actions and/or improvements shall then be performed by a third party at the Permittee's sole expense.
11. The Inspector is authorized to inspect all work performed under the permit, including, but not limited to clearing and grubbing, compaction of subgrade, base and asphalt, forms, concrete work, structures, and materials to be used. The Inspector has authority to reject defective materials and workmanship.
12. The Permittee shall submit plans accompanied by an Engineer's Estimate to the Transportation and Engineering Division for approval for all projects, including utility construction / reconstruction, in excess of \$10,000 in value. These plans are to be submitted prior to the pre-construction meeting and shall adhere to all county standards and policies.
13. The Permittee agrees to adhere to all construction specifications set forth in the latest editions of the Jefferson County Land Development Regulation, the Jefferson County Transportation Design and Construction Manual and the Colorado Department of Transportation (CDOT) Standard Specifications for Road and Bridge Construction manuals.
14. Surveyors shall be responsible for obtaining a permit when setting new monumentation within ROW or when replacing existing monumentation. Permits are not required for accessing existing monumentation, however, the Surveyor is responsible for repair of damages to the roadway.

15. The permit, the privileges granted by the permit, and the obligations of the Permittee shall be binding upon the successors and subcontractors of the Permittee.

#### C. Temporary Container Placement

1. All Containers placed within the ROW are subject to inspection by Inspectors. Containers are not permitted on arterials nor generally along collectors. Proposed locations of Container within the ROW will be evaluated by the Inspector prior to issuance of the permit.
2. All Containers must have a minimum 6-inch wide by 4-foot long strip of reflective tape placed vertically on each corner or placement of a traffic cone in accordance with the MUTCD.
3. Containers must be placed and fit within a parking lane and be a minimum of 20 feet from any corner, alley, or entrance.
4. Containers may be placed in the ROW for a maximum of 180 days.
5. At no time can a Container occupy or impede a sidewalk, tree lawn, travel lane, no parking zone, temporary loading zone, or alley.
6. Containers should not leak, overflow or be filled such that debris can fall into the roadway or blow away. The Permittee will be responsible all cleanup expenses if pollutants are found to be discharging into the waterways / storm sewer, as well as damages to the roadway, curb, gutter, sidewalk or other roadway feature.
7. Permits may be obtained by the Container company, the property owner, or the person responsible for filling the Container.
8. No more than two (2) Containers per application.

#### D. License Agreements

1. The Board of County Commissioners (BCC) may grant a license agreement for property owners, home owner associations, or other non-county entities to construct a permanent structure or to make modifications to ROW. Amendments to a license agreement may be approved by the Transportation and Engineering Division Director.
2. Construction of any permanent structure(s) in ROW is not permitted without an approved license agreement.
3. The Licensee shall agree to remove the improvements at the request of the county and all other terms as approved by the BCC.
4. Appropriate permits are required in addition to the License Agreement.

#### E. County ROW Projects and Facility Owner Responsibilities

1. The county will notify Facility Owners in advance of its plans for ROW or easement construction projects. Facility Owners shall cooperate and participate in design review, provide information on Facility locations, and conduct installation, relocation, removal, or repair of the Facilities that are determined to conflict with the planned county construction project.
2. If, at any time, the Facilities interfere with the existing use or planned future use of public improvements, the Facility Owner shall, at its own expense, unless otherwise covered by the Utility Relocation / Replacement Cost Sharing Program Policy, and within seven (7)

calendar days after receipt of written notice by the county of such interference, obtain the necessary specific work permit(s), and by its own forces or contractors, commence relocation, modification, removal or repair of its Facilities.

3. Work on the Facilities shall be accomplished in such a manner so as not to unreasonably obstruct or hinder the use of ROW or other easements, or endanger persons or property, and shall not interfere with the county's present and future use of the ROW or easements. All work shall be done in compliance with the provisions of the respective specific work permit.
4. If the Facility Owner fails to respond within a timely manner to install, relocate, remove or repair the conflicting Facilities and this unduly hinders the county's progress on the county construction project, the county may, at its discretion, perform such work, or use a separate contractor, to address the conflicting Facilities without liability to the county or contractor. The county will provide written notice to the Facility Owner of its failure to perform and the impending Facility work prior to commencing work. The Facility Owner hereby assumes full responsibility for all costs and damages to the county which may result from its failure to so remove, relocate, or modify its Facilities, including additional costs and damages to contractors of the county. The county will invoice the Facility Owner for all costs, direct and indirect, necessary to perform the work. If costs of such work are not promptly paid by the Facility Owner, the county may make claim against these costs and seek recovery under a permit bond posted by the Facility Owner. If such a permit bond is not available, the county will enforce its right to make claim for full recovery of all costs. If Facility Owner performs work in the right-of-way under a "Letter of Responsibility", said letter shall be immediately revoked and all future permits acquired by the Facility Owner shall be accompanied by separate permit bond.

#### F. Fees

1. Fees shall be assessed for permits and inspections at the time of issuance of the permit in accordance with the Fee Schedule: Right-of-Way Use and Construction Permit below. A written request to waive an application fee may be submitted to the Director of Transportation and Engineering or the Director of Development and Transportation. Waiver requests may be approved at the discretion of either Director prior to acceptance of the application.
2. Exploratory test holes made to determine location of existing utilities and/or materials information (i.e. geotechnical investigations, asphalt and concrete cores), shall be charged the fee as set forth in the Fee Schedule below. The permit fee will be based on each test hole.
3. The Permittee shall be required to pay additional charges for work requiring an Inspector to work hours other than normal county hours (Monday through Friday; 7:30a.m. to 5:30p.m., except county recognized holidays), at an hourly rate of thirtyfive dollars (\$35.00).
4. Any person or entity commencing any work without prior valid written authorization, shall be required to pay a fee of double the amount of the permit (penalty permit), plus the original permit fee, except for emergency work as set forth above.
5. Refunds of Fees. The permit fee itself is not subject to refund, however at the discretion of the Inspector, the Permittee, in those instances where the proposed work is not accomplished through no fault of the Permittee, may receive credit toward future permits.

## G. Bonds

1. An original non-cancelable permit bond in the amount associated to the following schedule, payable to the County of Jefferson, State of Colorado as a sole obligee, shall be required in the name of the Permittee prior to issuance of any permit. The bond shall identify the address of the proposed work, or nearest street intersection. Said bond shall assure that the Permittee will comply with all county standards and specifications and shall assure recovery by the county of any expenses incurred, within a period of two years, following the expiration date of the permit, to the amount of said bond, due to failure of the Permittee to comply with the provisions of this policy, or to otherwise cause expense to the county as a result of work performed.

Construction cost less than \$10,000	Bond for \$10,000
Construction cost greater than \$10,000	Bond for Value of Project for each permit

2. Projects greater than \$10,000 will require a permit bond for each project for the value of the work performed within the ROW. The Permittee shall provide the county documentation of the project cost at the time of application for the permit, for evaluation and approval. The bond shall be from a company licensed to do business in Colorado and shall be in a form acceptable to the County Attorney's Office.
3. In order to expedite permit issuance, the permit bond may be transmitted electronically in lieu of submitting an original bond to [transeng@jeffco.us](mailto:transeng@jeffco.us). The Permittee shall forward the original permit bond to the Transportation and Engineering Division at 100 Jefferson County Parkway, Suite 3500, Golden, CO 80419. The original permit bond must be received by the Transportation and Engineering Division no less than 10 calendar days after permit issuance. Failure to provide the original permit bond, or submittal of a permit bond in an unacceptable form, shall result in permit suspension or revocation, shut down of all work activities, and possible forfeiture of permit fees. If a Permittee fails to provide acceptable permit bonds on more than one occasion, then the County may require that all future permit bonds from such Permittee must be received in original form prior to issuance of the permit.
4. Municipalities, quasi-municipal agencies, mutual companies, metropolitan districts, electric, gas, and communications utilities, may provide a Letter of Responsibility in lieu of posting the required bond. The Letter of Responsibility must be submitted to the Transportation and Engineering Division for approval. The Letter of Responsibility must be updated each calendar year. The signer of the Letter of Responsibility, or his/her designated representative, must also sign the permit application. Contractors and/or subcontractors performing work for the signer will not be allowed to sign the permit application and shall provide a separate bond for the work.

## H. Warranty

1. The Permittee, by acceptance of the permit, expressly guarantees complete performance of the work acceptable to Jefferson County and guarantees all work done for a period of two years after date of acceptance and agrees upon demand to maintain and make all necessary repairs during the two year period.
2. Two warranty inspections shall take place. First, at the completion of the project, acceptance shall be made if all work meets Jefferson County standards. Second, approximately 30 days prior to the expiration of the two-year warranty, the Inspector shall perform an inspection of the completed work. If the work is still satisfactory, the Permittee shall be released from further obligation and the bond returned.
3. All necessary repairs must be completed within 30 days of inspection, or the Permittee's bond will be subject to seizure by the county to pay for necessary repairs. The Permittee

shall be granted a reasonable amount of additional time to complete necessary repairs so long as the Permittee diligently pursues the repairs.

4. At any time prior to completion of the two-year warranty period, the county may notify the Permittee of any needed repairs. Such repairs must be completed within 24 hours if it is determined by the county to be an immediate danger. Non-emergency repairs shall be completed within 30 calendar days.

#### I. Time of Completion

All work covered by the permit shall be completed within 90 calendar days of its date of issue. A Permittee may request one 90 calendar day extension at no additional cost by contacting the Inspector before the completion date of said permit. In the case of long term projects, further extensions may be granted on a project by project basis.

#### J. Traffic Control Plans and Road Closures

1. The Permittee shall submit a traffic control plan which meets the requirements set forth in the most current "Manual for Uniform Traffic Control Devices" (MUTCD), as well as a site drawing of the specific work to be performed.
2. There shall be no "Road Closures" of Jefferson County roads without the prior written consent of the Inspector. All such requests for closures must be received five (5) days prior to beginning the project and shall be accompanied by a detailed traffic control plan which meets all MUTCD requirements.
3. In the event of an "emergency," a road may be closed only long enough to complete the repair in compliance with all Jefferson County road repair requirements. The Permittee shall be required to meet all traffic control standards set forth in MUTCD regardless of the time of day or night. The Inspector shall be notified within 24 hours of the emergency.
4. The Permittee shall notify all appropriate agencies (i.e. Sheriff, Fire Department, Schools, RTD, etc.) before any road is closed.

#### K. Construction Specifications

##### 1. General Information

- a. Equipment outriggers shall be fitted with rubber pads whenever outriggers are placed on any roadway surface. Tracked equipment with grousers are not permitted on any concrete or asphalt surface. Use of any equipment on or over concrete curb, gutter or sidewalk is specifically prohibited without a minimum of 12 inches of native material on that surface to prevent breakage. The Permittee shall be responsible for any damage caused to existing concrete or asphalt by the operation of such equipment and upon order of the Inspector shall replace such surfaces. Failure to do so will result in the Permittee's bond being seized to cover the cost of repairs.
- b. The Permittee shall not disturb any surface monuments, benchmarks, survey markers, or points found on the line of work. Any points disturbed, will be replaced at the Permittee's expense.
- c. It shall be the responsibility of the Permittee to protect all asphalt, concrete, stormwater systems, surface water, groundwater and vegetation from contamination from all hazardous materials. This shall include, but not be limited to, salts, kerosene, benzene, gasoline, diesel fuel, lubricating oil, and form oil. Should a release of hazardous materials occur, the Permittee shall take immediate action to contain, stabilize and dispose of the contaminant and all impacted materials at his/her

expense. Failure by the Permittee to do so will result in enforcement actions per the Illicit Stormwater Discharge Ordinance.

- d. The Permittee shall conduct work in such a manner as to avoid unnecessary inconvenience and annoyance to the general public. In the performance of the work, the Permittee shall take appropriate measures to reduce dust, noise and unnecessary debris. No work shall be done between the hours of 8:00p.m. and 7:00a.m., nor at any time on Sunday, except with prior approval from the Inspector, or in the case of an emergency.
- e. The Permittee shall not conduct potholing, borings, excavation, nor other construction activities in areas where arterial or collector street improvements, as well as local streets, have been constructed or asphalt overlaid, in the prior two (2) years. This shall include asphalt overlays, new pavement sections, flatwork, structures and landscaped areas. The Permittee can submit a waiver request of this two (2) year restriction to the Director of Transportation and Engineering Division. Such a waiver request shall include the basis for delay of the Permittee's work as well as efforts the Permittee shall implement to minimize further degradation of the recent improvements. The Director of Transportation and Engineering will evaluate the waiver request and determine if a Permittee can proceed with the proposed work. The Permittee may be required to perform additional repair efforts, such as infrared asphalt patching, or use of "flowable backfill" to minimize further damage to the recently constructed pavement section and other appurtenances. Exceptions to the waiver request process shall only apply to emergency repairs.

## 2. Roadway Cuts

- a. All cuts on asphaltic paved streets are to be prescored for the entire thickness. The use of rotomillers, saws and jackhammers is an acceptable method of scoring, as long as the cut is continuous, straight and clean such that it is parallel and perpendicular to the flow of traffic. Other mechanical impact cutters (i.e. hydrohammer cutting blades) are not acceptable.
- b. Asphalt and concrete pavements shall be removed by saw cutting or grinding. The Permittee shall avoid breaking away the edges of the existing pavement or damaging the remaining pavement with heavy construction equipment.
- c. When drilling exploratory test holes required to investigate existing geotechnical and subgrade conditions, as well as utility locations (gas, electric, phone, sewer, water, etc), the Permittee shall exercise care in the test hole drilling, particularly in the first foot below the pavement section. The Permittee shall complete permanent patching of the test hole in accordance with the "Pothole Repair Detail," available from the Inspector.
- d. Street cuts performed between November 1st and March 31st shall be limited in quantity and extent. Due to problems associated with potentially frozen backfill and inadequate temperatures to perform the work, street cuts shall be performed only under conditions which provide adequate time for permanent patching to be completed. With the exception of emergency repairs, the Permittee shall provide the county with a detailed plan of how the project is to be completed under "cold weather" conditions and still meet all county and CDOT standards.

## 3. Trenching and Material Storage

- a. No trench shall be left open overnight, except for the portion necessary to continue construction the following day. If a portion of the road or shoulder is to remain open, the Inspector must be notified before 3:00p.m. Traffic control overnight must be in full compliance with the MUTCD.

- b. The maximum length of open trench permissible at any time shall not exceed 500 linear feet, for pavement removal, excavation, construction, backfilling, patching, and all other construction activities without the written permission of the Inspector.
  - c. The open trench shall not endanger pedestrians or the traveling public and shall cause as little inconvenience as possible to those using streets and adjacent properties. The Inspector may require separate, temporary pedestrian access be constructed by the Permittee. If excavated material is to be stored within the roadway prism overnight, the area involved must be barricaded in complete compliance with the MUTCD.
4. Backfill, Compaction and Material Testing
- a. The Permittee is responsible for having a qualified soils engineering firm test the compactive effort of the work in accordance with Jefferson County standards and CDOT Standard Specifications for Road and Bridge Construction. Trench backfill shall be randomly tested for every lift, beginning with the bottom two (2) feet of compacted material, and every one (1) foot compacted lift thereafter, such that a minimum of two (2) tests per lift per segment of 250 linear feet are obtained. The field test results shall be left on site with the Permittee or a representative, and final test results (signed by a registered professional engineer) are to be sent to the Inspector at the Transportation and Engineering Division. These results are to include materials analysis for each soil type encountered on the project, and compaction and moisture results both passing and failing. At the discretion of the Inspector, these tests may be waived for street cuts less than 30 linear feet. The project will not be placed under warranty until the test results have been received and approved by the Inspector.
  - b. At the discretion of the Inspector, all unsuitable material will be removed from the site and suitable material imported. The Permittee shall provide samples of the proposed import material for Jefferson County approval prior to placement. The Inspector may require laboratory testing prior to approval.
  - c. Jetting, puddling, flooding or any other means of using water within the trench section to achieve compaction of fill material or consolidation of bedding material, is not permitted for pipes 18 inches diameter or smaller. For pipes greater than 18 inches diameter, the warranty shall be extended to three (3) years and the practice shall not extend above the springline of the pipe. These practices must be approved by the Inspector prior to construction.
  - d. Jefferson County highly encourages the use of an approved "flowable backfill" mix. Compaction and density/moisture testing will not be required when this material is used. The Permittee shall wait for all water bleed to disappear before placement of asphalt or road base.
  - e. The Permittee shall use "flowable backfill" mix for any disturbance or removal of treated subgrade (i.e. lime, flyash, cement treated subgrade or similar material). The treated subgrade material shall be replaced to a minimum of 12 inches below existing pavement.
  - f. Should the Permittee elect not to use "flowable backfill" mix, the existing subgrade material may be retreated if deemed suitable by the Inspector.
  - g. When the trench width is less than three (3) feet, retreating the subgrade may not be a practical alternative and use of an imported material may be required. The imported material shall meet the following requirements: For soils with an A-6 or A-7-

6 AASHTO classification, Plasticity Index (PI) shall range from 6 to 12, and R-Values shall exceed 15.

- h. All other methods of backfill and compaction to the prescribed density and moisture will require the permission of the Inspector.

## 5. Asphalt Patching

- a. Patching shall meet the most current Jefferson County Transportation Design and Construction Manual and CDOT Standard Specifications for Road and Bridge Construction and shall conform to the line and grade of the existing surface. The patching shall be a minimum compacted depth of six (6) inches or match existing depth, whichever is greater. In areas of concern, the Permittee is encouraged to video or photo document the construction area prior to beginning work.
- b. It shall be the responsibility of the Permittee to have a temporary patch in place before the site is vacated. Road base is not a suitable temporary patch material. All temporary patches must be replaced with final patch material within 48 hours, unless provisions are made with the Inspector. Under no condition (weather excluded) may a temporary patch be in place more than 14 calendar days without a permanent patch. The Permittee is responsible for maintaining the temporary patch throughout this time period.
- c. For all roadway trench cuts extending more than 100 linear feet, the Permittee shall be required to rotomill two (2) inches of the roadway surface from the edge of asphalt to the centerline of the road. In cases where the trench extends over the centerline of the road the entire road width shall be milled (as required) and overlaid.
- d. All unstable and/or undermined asphalt or concrete shall be removed and replaced by the Permittee.
- e. The Permittee shall make all reasonable efforts to avoid patching within existing patches. If this cannot be avoided, the Permittee shall make the boundaries of the patches coincide. Patches with angled sides and irregular shapes are not acceptable.
- f. Patches are not allowed on arterial or collector streets, or on any streets constructed or overlaid in the prior two (2) years, where strips of original pavement are less than three (3) feet in width from the edge of the patch to the lip of the gutter, or edge of existing asphalt. The Permittee shall patch a minimum of three (3) feet beyond the edge of the trench to the full depth of the existing asphalt, and shall use infra-red technology to achieve a smooth patch.
- g. Edges of patches shall not fall into existing wheel paths of any type of street.
- h. A tack coat shall be applied to all edges of existing asphalt prior to placing new pavement. All seams shall be sealed with an asphalt tack coat.
- i. Series of patches (such as service lines off of main lines) with spacing of less than 75 feet from edge to edge are not acceptable. The Permittee shall grind and overlay between all patches as directed by the Inspector.
- j. The Permittee shall construct all overlays and patches to provide smooth transition to the original pavement, and to avoid interrupted drainage or surface runoff to the edges of gutters. Patches that do not have a smooth longitudinal grade, or cross slope consistent with the existing roadway are not acceptable.

- k. The Inspector may test smoothness of patches and overlays with a 10 foot straight-edge, such that parallel and perpendicular tolerances do not exceed one-quarter inch.
6. Restoration of Non-Paved Roads
- a. Where the original surface was crushed rock, gravel, recycled asphalt, or similar material used for the wearing surface and/or foundation material, the Permittee shall replace with a minimum compacted thickness of six (6) inches, or match existing depth, whichever is greater, with material from source approved by the Inspector.
  - b. When excavating a graveled roadway or a recycled asphalt roadway, the Permittee shall replace all contaminated areas with a minimum of six inches of compacted Class 6 road base or recycled asphalt. In areas where the county has applied dust abatement to the roadway, the Permittee shall be responsible to properly re-establish the disturbed area in accordance to county specifications.
7. Manholes, Valves and Concrete
- a. All manholes, water valves or similar appurtenances shall be installed so that:
    - (1) The top of the cleated surface is no less than one-quarter inch ( $\frac{1}{4}$ " ) and no greater than one-half inch ( $\frac{1}{2}$ " ) below the paved surface.
    - (2) The top of the cleated surface is a minimum of six (6) inches below the finished grade of an unpaved surface.
    - (3) There will be a minimum of six (6) inches cover in roadside ditches.
    - (4) The lid is at the same cross slope as the finished roadway.
  - b. Curb cuts, cross pans, sidewalks shall involve the removal of full sections (stones); no half sections will be allowed. All work shall be completed in accordance with the Jefferson County Transportation Design and Construction Manual, and shall be closed to traffic for seven (7) days after placement. The Permittee shall maintain traffic control until the concrete is approved for traffic. The Inspector may require the Permittee to test any concrete work. It shall be the responsibility of the Permittee to protect the concrete from damage as a result of vandalism or other causes. Damaged concrete shall be repaired or replaced at the direction of the Inspector.
  - c. There shall be no steel mesh or bars of any type placed in curb cuts, cross pans, or sidewalks unless specified by the Inspector.
8. Other Items
- a. All utility lines within ROW or within county easements, shall be installed a minimum of 24 inches below ground surface, or proposed roadway elevation, whichever is lower. Variations in the underground utility line depth requirement may be granted by the Inspector. The depth of utilities placed in the Designated Dipping Bedrock Area and along arterial roadways may be increased at the discretion of the Inspector.
  - b. A minimum ground clearance of 18 feet shall be provided where overhead utility lines cross public roads/streets. The clearance shall be measured at the lowest point where the line crossing the traveled portion of the road/street. No exception to the overhead utility line height will be allowed.

#### L. Erosion and Sediment Control

1. Erosion and sediment control devices shall be installed in ROW and easements, as well as beyond the ROW where land disturbance will be performed. This will include areas of asphalt restoration or rotomilling, as well as concrete repair.
2. Each permit application shall include a plan for installation and maintenance of erosion and sediment control devices. The Permittee shall be responsible for implementation and completion of the erosion and sediment control plan.
3. The Permittee shall remove all erosion and sediment control devices from the disturbed areas when successful revegetation and site restoration have been completed to the satisfaction of the Inspector.
4. The Permittee's failure to install, maintain or remove erosion and sediment control devices can provide basis for work shut down and revocation of the permit.
5. Erosion and sediment controls will be included as part of utility work in existing streets and roads. Inspections for erosion and sediment controls are also required with Land Disturbance Permits and Notice of Intent (NOI) Permits as issued by the Planning and Zoning Division. Inspections by the Inspector do not relieve the Permittee from its responsibility to perform its own inspection of devices as required by separate federal, state or local permits. Refer to Jefferson County Zoning Resolution, Section 16 "Land Disturbance" for additional requirements.

Fee Schedule: <b>Right of Way Use and Construction Permits</b>				
Category	Permit Item	Fee	Unit	Minimum
<b>Administrative</b>	Permit Processing	\$25.00	Each	\$25
	Temporary Container Placement	\$25.00	Each	\$25
	License Agreement Initial	\$1000.00	Each	\$1000
	Micro Cell Tower Annual Fee	\$200.00	Each	\$200
	License Agreement Amendment	\$500.00	Each	\$500
	Reinspection (in excess of 5 scheduled site visits or overtime)	\$35.00	Hr	\$35
	Pavement Design Review	\$150	Each	\$150
	Traffic Control Plan	\$50	Each	\$50
<b>Telecom / CATV</b>	Wireless/Antenna	\$100.00	Each	\$100
	CATV	\$0.30	LF	\$75
<b>Utilities</b>	Water ≤ 16"	\$0.35	LF	\$75
	Water > 16"	\$0.45	LF	\$75
	Hydrants	\$50.00	each	\$50
	Sanitary Sewer	\$0.45	LF	\$75
	Manhole / Handhole	\$50.00	each	\$50
	Gas	\$0.30	LF	\$75
	Electric	\$0.30	LF	\$75
	Vault(s)	\$100.00	each	\$100
	Phone	\$0.30	LF	\$75
	Handhole(s)/Splice Box	\$50.00	each	\$50
Peds/Cabinet(s)	\$50.00	each	\$50	
<b>Concrete Structures</b>	Sidewalk - Detached / Bike Path	\$0.25	LF	\$75
	Curb & Gutter	\$0.25	LF	\$75
	Combination Sidewalk, Curb & Gutter	\$0.30	LF	\$75
	Sidewalk Chase	\$100.00	Each	\$100
	Cross Pan	\$60.00	Each	\$60
	Curb Cut / Driveway	\$100.00	Each	\$100
	ADA Ramp	\$60.00	Each	\$60
	Box Culvert (per tube) / Bridge	\$15.00	LF	\$400
<b>Roads / Streets</b>	Street Cuts	\$0.15	LF	\$75
	Pothole/Bore Pits	\$50.00	Each	\$50
	Subgrade Preparation (incl. Lime or Cement)	\$0.20	SY	\$75
	Milling	\$0.07	SY	\$30
	Paving	\$0.15	SY	\$75
<b>Storm Drainage</b>	Storm Sewer	\$0.30	LF	\$75
	Inlet / Valve	\$60.00	Each	\$60
	Manhole / Vault	\$100.00	Each	\$100
	Detention Pond	\$0.02	SF	\$200
	Trickle Channel	\$0.20	LF	75
	Culvert	\$0.30	LF	\$75
<b>Erosion / Grading</b>	Grading	\$25.00	Acre	\$250
	(Inspection) Notice of Intent (NOI)	\$225.00	Each	\$225
	Rip Rap	\$0.10	CY	\$75
	Silt Fence / Wattles	\$0.20	LF	\$75
	Inlet Protection	\$5.00	Each	\$100
	Straw Bales	\$0.05	Each	\$75
	Erosion Control Blankets	\$0.02	SY	\$75

	Erosion Seeding	\$10.00	Acre	\$75
	Vehicle Tracking Pad	\$75.00	Each	\$75
	Concrete Washout	\$75.00	Each	\$75
	Erosion Control - Other	Varies	Varies	\$75
<b>Miscellaneous</b>	Varies	Varies	Varies	\$50