



## **Special Conditions – Open Cuts & Pavement**

- 1. Standards** - All work shall be performed in compliance with the current editions of:
  - a. VDOT Road and Bridge Specifications
  - b. VDOT Road and Bridge Standards
  - c. Virginia Work Area Protection Manual
  - d. City of Falls Church Standards
  - e. Conditions of the Permit.
- 2. Construction** - The Contractor or Utility owner shall notify DPW based on the notification requirements outlined in this permit. Periodic inspections will be made to ensure proper methods and specified materials have been employed.
  - a. All work shall conform to the City of Falls Church detail drawing No. 1401 & No. 1402
- 3. Backfill & Material**
  - a. The excavated area must be filled according to one of the following acceptable methods:
    - i. VDOT No. 21a Aggregate (see Dwg. No. 1401).
    - ii. Flowable Fill (see Dwg. No.1402).
- 4. Protection**
  - a. Any open trenches not able to be properly backfilled, requiring time to allow the flowable fill to set or with an asphalt surface that cannot be fully restored prior to the end of the business day shall be covered with 1-inch thick steel plates over the excavation as per the attached drawings. Steel plates shall be pinned with spikes to ensure minimum movement of the plates. Reinforcing rods are not an acceptable method for pinning plates. Along all edges of the steel plate place an 18” asphalt concrete wedge using “hot mix” materials. In the event that “hot mix” materials cannot be obtained due to asphalt plants being closed, “cold mix” materials may be substituted as a temporary measure. Restore normal traffic flow subject to placement of necessary warning devices as described below.
  - b. The use of Steel Plates will not be allowed between November 1<sup>st</sup> and April 1<sup>st</sup>. Steel Plates may be used between April 2<sup>nd</sup> and October 31<sup>st</sup> and must be placed in accordance with CFC standards and specifications. Exceptions may be granted at the discretions of the Director of DPW.
  - c. “STEEL PLATES AHEAD” signage must be placed a minimum of 100’ in advance of the steel plates and STEEL PLATES / ARROW signage must be placed at the steel plates. All steel plates shall be marked with durable, highly reflective white pavement marking tape, no less than 4” in width, conforming to Type B, Class VI VDOT specifications and shall be recommended for turning movements by the manufacturer. See attached drawings for sign and tape details.
- 5. Tracer Wire** – All non-gravity pipes shall have a Tracer Wire installed. Exceptions are as follows; Tracer wire shall be installed where an access point can be established within the ROW. If an access point can’t be established within the ROW, placement of warning tape above the pipe is required.
  - a. Tracer Wire shall be a solid copper conductor insulated with either a low density polyethylene (LDPE), linear low density polyethylene (LLDPE) or high density polyethylene (HDPE). All are classified as high molecular weight polyethylene (HMWPE). Tracer wire should be installed on top



of the pipe being traced and can be covered when the utility trench is backfilled. Tracer wire is designed for direct contact with backfill material and is intended to carry a radio signal to aid in the location of buried utility lines. The wire may be identified by surface printing, indicating manufacturer and conductor size. See standard tracer wire detail as per the attached drawings.

- b. Contractor shall install metallic warning tape 12" below all non-gravity lines in accordance with HCSA specifications.

**6. Maintenance** - The Contractor or Utility owner shall be responsible for the repair for a period of one year from the date of acceptance. The bond for this work will be held for a period of one year from the date of acceptance.

- a. Permittees will be responsible for maintenance of all temporary pavement restorations in which "Cold-Mix" asphalt is used. Such patches must be maintained by the permittee until permanent restorations can be performed. DPW reserves to make repairs to failing patches at the permittees expense.
- b. Permittees will be responsible for any depression greater than 1/4" that occurs within three years of completion of patch. Correction shall consist of milling and replacing 2" of surface course mix (SM).
- c. Contractor shall restore all disturbed areas to condition equal or superior to condition prior to work. Restoration shall include replacement of all landscaping, hardscaping and/or sod shall be used to restore grassed areas.

**Also see "General Conditions of Right-of-Way Permit"**

**NOTIFICATIONS**

**REQUIRED ROW PERMIT NOTIFICATIONS: 24 Hour Notice Required prior to start of work**

All ROW Permit holders are responsible for notifying the City's Dept. of Public Works.

**24 Hour Notice Required For:**

- Lane Closures
- Utility Connections
- Open Cuts in Road
- Backfill of Open cuts in Road
- Concrete Work (includes sidewalk, curb and gutter)
- Paving

**Notification Required:**

- Upon Completion of Work (Final Inspection)
- Bond Release ( 1 year after Completion of Work)

Permit holder **MUST** notify the City that work has been completed and ready for Final Inspection by visiting [www.fallschurchva.gov/rowinspections](http://www.fallschurchva.gov/rowinspections) or by emailing: [ROW-inspections@fallschurchva.gov](mailto:ROW-inspections@fallschurchva.gov). Put the address/location of the work in subject field and the work to be performed in the body.

**Notes:**

1. Once e-mail notification is received, notification of receipt will be returned by a city official.
2. A Final Inspection of material and workmanship will be performed once a notification of Completion of Work has been received by the city.
3. The bond will then be valid for a period of one year after Final Inspection.
4. Bond release requires a notification by property owner or contractor after the one year period.



**Department of Public Works**  
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*All work performed within City Right-of-Way shall have a one year bond retained upon completion of work.*