

**II. ARLINGTON COUNTY DES ENGINEERING**  
**SPECIAL CONDITIONS**

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## **PROJECT SUMMARY**

The project includes three discrete repairs within a restored stream channel. Upstream work focuses on repair of a damaged outfall, including installation of reinforced bed material to stabilize flow paths. Mid-reach, the work consists of field-directed restoration of structures and the designed channel. The downstream repair involves dredging of deposited sediment to restore the stream channel capacity and the repair and construction of stone structures to stabilize the channel. The project includes but is not limited to clearing and grubbing, water management, earthwork including exporting unsuitable material and importing suitable material, grading, erosion and sediment control, landscaping and tree planting.

The Contractor shall provide all resources to successfully perform the terms of this contract in accordance with contract documents, and in compliance with Arlington County and VDOT Standards and Specifications. The Contractor shall perform the work complete, in place, tested, and ready for continuous service.

All work within the VDOT Right-Of-Way shall be performed in accordance with the VDOT Standards and Specifications, unless otherwise noted. All work within the County Right-Of-Way shall be in accordance with the Arlington County Standards and Specifications, unless otherwise noted.

## **SUPPLEMENTS TO THE GENERAL CONDITIONS**

These Conditions modify the Arlington County Construction General Conditions. All provisions that are not modified or deleted by these Supplemental Conditions shall remain in full force and effect.

The address system used in these Supplemental Conditions is the same as the address system used in the General Conditions, with the prefix "SC" added thereto.

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### **ARTICLE B – DRAWINGS, SPECIFICATIONS AND RELATED DATA**

#### **SC-B.10 TESTS**

*Add the following new language to Paragraph B.10:*

All materials testing shall be in compliance with the Arlington County Materials Testing Specification Reference. This document specifies the method and frequency of testing for Arlington County projects. A copy of this document is included in the bid documents. This shall be incidental to the work and no separate payment will be made.

The Contractor shall engage the services of a geotechnical company, acceptable to both the County and VDOT, to conduct all materials testing per the County and VDOT Specifications.

If it is observed that samples for testing are being improperly taken or that samples are being taken from an area that is not fully representative of all project conditions, then Contractor shall take and test additional samples at the County Project Officer's request from areas designated by the County Project Officer and at the Contractor's expense.

In addition, the Contractor shall provide the County with unfettered site access as needed for VDOT/County personnel or VDOT/County consultants to enter the site, inspect, and perform any additional testing for any and all materials (including soil, concrete, asphalt, etc.).

Compaction results must meet VDOT Specifications and be certified by a Geotechnical Engineer licensed in Virginia. This work shall be at no cost to the County.

#### **SC-B.13 SURVEYS AND CONTROLS**

*Delete Paragraph B.13 in its entirety and insert the following in its place:*

Unless otherwise stated, the County will provide horizontal and vertical reference points necessary for the Contractor to proceed with the Work. The Contractor shall carefully preserve all reference points, and in the case of destruction thereof by the Contractor or due to the negligence of the Contractor or of any subcontractor, the Contractor shall be responsible for expense and damage resulting therefrom and shall be responsible for any mistakes or construction errors that may be caused by the loss or disturbance of such

reference points. The Contractor shall be responsible for laying out the Work and shall retain a professional land surveyor licensed in the Commonwealth of Virginia to survey and provide all necessary construction layouts and to establish all control lines, grades, and elevations during construction.

SC-B.14 AS-BUILT DRAWINGS

The Contractor shall also provide a final topographic survey – within 60 days of project completion, the contractor shall submit a field run topographic survey prepared by a licensed professional surveyor in electronic CAD file format to establish the surface in Civil 3D. The survey shall include the following at a minimum:

1. Horizontal locations and vertical elevations of the openings and inverts of the riser structure, the utility access manholes, and associated storm structures and pipe connections.
2. Surface grading of the pond with sufficient spot elevations to document the above-ground size and shape of each pool and forebay. The spot elevations shall be taken at each grade break and a minimum of 20-foot spacing in areas of continuous grade.

ARTICLE C – COUNTY, COUNTY PROJECT OFFICER, AND CONTRACTOR RELATIONS

SC-C.9 CONTRACTOR MANAGEMENT PERSONNEL

*Add the following new language to Paragraph C.9:*

Site Supervisor:

The Contractor shall have a qualified and experienced site supervisor who can clearly communicate technical matters on-site at all times when construction activity is occurring or when the site is not in a secure state.

Safety Project Officer:

The Contractor shall have at least one (1) employee certified by VDOT in Basic Work Zone Traffic Control on-site at all times that work is occurring and be responsible for the following:

- Placement, maintenance, and removal of work zone traffic control devices,
- Compliance with permit requirements and conditions, approved plans and specifications, the Virginia Work Area Protection Manual, and the Manual of Uniform Traffic Control Devices.

The flagger shall be certified in accordance with the VDOT Flagger Certification Program, the American Traffic Safety Services Association Flagger Certification Program or any other VDOT approved flagger program. The flagger shall have his/her certification card with them at all times while performing flagging activities.

The Contractor shall have at least one (1) employee certified in OSHA 10 on-site at all times that work is occurring. The employee shall have served as a Project Safety Officer on at least three (3) prior projects. If the contractor has multiple employees with these requirements, the Contractor shall clearly identify which employee shall serve as the Project Safety Officer.

Environmental Project Officer:

For each task order, the Contractor shall have at least one (1) employee that has successfully completed the VDOT Erosion & Sediment Control Contractor Certification training. The contractor employee shall be on-site during all land disturbance activities. The Contractor shall be responsible for ensuring compliance with all applicable local, State, and Federal erosion and sediment control regulations and permits during land disturbance activities.

If the Contractor proposes to deviate from the approved Erosion and Sediment Control Plan, it shall be the Contractor's responsibility to coordinate and obtain approval from the County Project Officer prior to implementing any changes.

Responsible Land Disturber:

The Contractor shall have at least one employee who has obtained certification as a Responsible Land Disturber (RLD) who will be on-site during all land disturbance activities. This person may also hold the VDOT Erosion and Sediment Control Contractor certification and serve as the Environmental Project Officer.

Arborist, Landscape Project Manager and Crew Chief:

The Contractor shall have a qualified and experienced ISA-certified Arborist who shall be on the worksite during any planting and/or re-planting and a qualified and experienced Project Manager and Crew Chief (if different) who will supervise planting. Certified Ecological Resource Practitioner (CERP) and Chesapeake Bay Landscape Professional (CBLP) qualifications are desirable, but not required.

SC-C.13 PROTECTION OF WORK AND PROPERTY

*Add the following new language to Subparagraph C.13.c:*

The Contractor shall be responsible for all damages caused by their construction activities. The Contractor shall perform or provide repairs, replacements, and restoration to all property that has been damaged resulting from construction operations performed by the Contractor, and shall meet the following requirements:

1. Restore all areas to conditions that existed prior to construction. Remove and Replace damaged items with items equal to or better than the damaged items.

ARTICLE E – LEGAL RESPONSIBILITY AND PUBLIC SAFETY

SC-E.1 SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK

*Add the following new language at the end of E.1:*

When construction activity reaches in proximity to existing utilities, the trench(es) shall be opened a sufficient distance ahead of the work or test pits shall be made to verify the exact location and inverts of the utility to allow for possible changes in the line or grade as directed by the Project Officer. This shall be incidental to the work and no separate payment shall be made.

SC-E.2 PUBLIC CONVENIENCE

*Add the following new language to Paragraph E.2:*

The Contractor shall set up controls at the beginning of each work day and take down controls at the end of each work day for the duration of the project. At all times the Contractor shall maintain safe two-way vehicular traffic, and safe accessible pedestrian traffic in conformance with County and VDOT standards.

At all times the Contractor shall use the personnel and traffic control signs and devices necessary to comply with the Virginia Work Area Protection Manual and Part VI of the "National Manual on Uniform Traffic Control Devices." The Contractor has sole responsibility for ensuring that its operations are conducted in a safe manner and notwithstanding any other provision to the contrary, shall fully indemnify Arlington County, its officers, agents and employees for any damage or injury related to traffic operations which is caused by negligent or otherwise improper or deficient performance under the Contract or nonperformance of the terms of the Contract. All personnel, signs, barricades and any other items necessary for the maintenance of traffic and safety shall be provided by the Contractor.

When conditions warrant due to traffic volumes, patterns, or special events, the County may suspend or otherwise direct the Contractor's activities to protect the public and or the County's transportation network.

When the project includes a VDOT and/or County approved MOT Plan (or Plans), the Contractor shall strictly abide by this plan. If the Contractor proposes to deviate from the approved MOT Plan for a County road, it shall be the Contractor's responsibility to coordinate and obtain approval from the County Project Officer prior to implementing any changes. If the Contractor proposes to deviate from the approved MOT Plan for a VDOT road, it shall be the Contractor's responsibility to coordinate and obtain approval directly from VDOT prior to implementing any changes.

Prior to any lane closures within the VDOT Right-of-Way, the County Project Officer and VDOT Field Inspector must be notified in advance of such lane closure in accordance with VDOT requirements.

The Contractor shall not be entitled to any additional payment for changes to MOT which are the result of the Contractor's work schedule or resource allocation, weather delays, or other factors not controlled by the County.

Failure of the Contractor to correct any MOT deficiency immediately upon notification may result in the project being shut down until the deficiency is corrected, and a reduction from the amount of payment due in the amount of \$1,000.00 per violation. Repeated violations of this provision may result in contract termination.

The Contractor shall install project information signs (size - 36"x48") at least two (2) different locations for each site. Signs will be supplied by the County. Sign posts and incidentals necessary for a complete installation of the signs shall be furnished by the Contractor. Signs shall be installed at least two (2) weeks prior to the start of the construction. The Contractor shall coordinate the location of the signs with the Project Officer. After the project has been completed the Contractor shall remove and return the signs to the County Project Officer. The cost for this work shall be considered incidental to other items within the Contract and no separate payment will be made.



At the close of each work day, the area of work shall be confined to the smallest area possible, but in no event larger than the area designated in the Construction Documents, so that the maximum use of the street and sidewalk shall be restored and the hazard to traffic reduced to the minimum.

The Contractor shall preserve all bus stops, including maintaining adequate accessibility through and adjacent to the construction for buses and their passengers. The Contractor shall not close, relocate, or otherwise modify a bus stop without prior request of the Project Officer. Any relocation or closure of a bus stop will require at least four weeks advance notice for coordination with the county's bus stop coordinator.

#### SC-E.10 SITE CLEAN-UP AND WASTE DISPOSAL

*Add the following new language to Paragraph E.10:*

The County's Earth Products Recycling Yard (located at 4300 29<sup>th</sup> Street South, Arlington, VA) shall **not** be used on an as-needed basis for unspecified quantities of waste (due in part to the limited size of the Yard). Although atypical, the Yard **may** be considered, on a case-by-case basis, for disposal of specific types/quantities of waste from County construction projects. In such cases disposal arrangements must be approved by the County Project Officer, be made in advance, depend on available space and the type/quantity of waste, and comply with certain requirements (for example, concrete shall be broken into pieces no longer than 24" in any dimension, contain less than 20% soil content, and be free of rebar).

#### SC-E.11 STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

*Delete Paragraph 2.*

ARTICLE F— PROGRESS AND COMPLETION OF THE WORK

SC-F.2 TIME FOR COMPLETION

*Delete Paragraph F.2 and replace with the following language:*

It is hereby understood and mutually agreed by and between the Contractor and the County that the Commencement Date, the rate of progress, and the Time for Completion of the Work to be done hereunder are essential conditions of the Contract. The Contractor agrees that the Work shall be started promptly upon receipt of a written Notice to Proceed in accordance with the accepted schedule. Additional time shall not be allowed for holidays or weather delays except as allowed in the contract.

## ARTICLE G– MEASUREMENT AND PAYMENT

### SC-G.1 PAYMENTS TO CONTRACTOR

*Add the following new language to Section G.1:*

Payments will be based on actual quantities and site measurements of the approved work taken in the field by the County Project Officer using the Contract Unit Prices. Any Work that is not shown on the approved plans that has not been previously authorized in writing by the Project Officer shall be at the Contractor's expense, and at no cost to the County.

No additional payment for any incidentals will be made unless specifically requested through, and authorized by, the County Project Officer prior to the work. Such determination of additional payment will be at the sole discretion of the County Project Officer, and will be based upon the determination that there exist exceptional conditions which will necessitate significant expenditures of material and/or labor above and beyond the typical installation conditions which could be anticipated in Arlington County.

## **SPECIAL CONDITIONS**

These Special Conditions include any project-specific requirements in addition to the General Condition, Supplementary Specifications, and the County Standards Referenced herein.

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### 1. **CONSTRUCTION STANDARDS**

All work shall conform to project plans and specifications along with the current edition of following County and VDOT construction standards and specifications:

- **The Arlington County Department of Environmental Services (DES) Bike Parking Standards**, a copy of which may be downloaded at no charge from the internet at: <https://info.arlingtontransportationpartners.com/arlington-county-bike-parking-standards>
- **The Arlington County Department of Environmental Services (DES) Construction Standards and Specifications**, a copy of which may be downloaded at no charge from the internet at: <http://topics.arlingtonva.us/building/construction-standards-specifications/>
- **The Arlington County Department of Environmental Services (DES) Traffic Signal Specifications**, a copy of which may be downloaded at no charge from the internet at: <https://transportation.arlingtonva.us/traffic-signal-specification-updates/>
- **The Arlington County Department of Environmental Services (DES) Streetlight Specifications**, a copy of which may be downloaded at no charge from the internet at: <https://transportation.arlingtonva.us/streets/street-lights/lighting-standards-specifications-updates/>
- **The Arlington County Department of Environmental Services (DES) Pavement Marking Specifications**, a copy of which may be downloaded at no charge from the internet at: <http://transportation.arlingtonva.us/streets/traffic-signals/>
- **The Arlington County Department of Parks and Recreation (DPR) Specifications**, a copy of which may be downloaded at no charge from the internet at: <https://www.arlingtonva.us/Government/Departments/Parks-Recreation/About/Design-Standards>
- **The Virginia Department of Transportation (VDOT) Road and Bridge Standards and Specifications**, a copy of which may be downloaded at no charge from the internet at: <http://www.virginiadot.org/business/const/spec-default.asp>
- **The Virginia Work Area Protection Manual (WAPM)**, a copy of which may be downloaded at no charge from the internet at: <https://www.virginiadot.org/business/trafficeng-WZS.asp>
- **Manual on Uniform Traffic Control Devices(MUTCD)**, a copy of which may be downloaded at no charge from the internet at: [http://mutcd.fhwa.dot.gov/pdfs/2009r1r2/pdf\\_index.htm](http://mutcd.fhwa.dot.gov/pdfs/2009r1r2/pdf_index.htm)

- **The Arlington County Department of Environmental Services (DES) Dechlorination and Disposal Procedures**, a copy of which may be downloaded at no charge from the internet at: <https://www.arlingtonva.us/Government/Programs/Water-Utilities/Discharging-Chlorinated-Water>
- **The Supplementary Specifications listed within the Contract.**

In case of a discrepancy, the following order of priority will apply, with the highest governing item appearing first and the least governing item appearing last:

The Contract Bid Items  
 Special Conditions  
 Contract Drawings  
 Supplemental Specifications  
 Arlington County Construction Standards and Specifications  
 External Agency Specifications

## 2. PERMITS

Permits required for the project include, but are not limited to:

- **County Land Disturbing activities (LDA) Permit**
  - **County Public Right of Way (PROW) Permit**
  - **County Transportation Right Of Way (TROW) Permit**
  - **County Resource Protection Area (RPA) Permit**
  - **VA DEQ Virginia Storm Water Management Program (VSMP) permit**
- Nationwide Permits issued by the US Army Corps of Engineers (USACE NWP)Excavation Permit**

All fees for County permits will be waived by Arlington County, and fees for non-County permits will be paid by Arlington County.

The County will obtain the County LDA permit, the County RPA permit, USACE NWP/DEQ 401 Water Quality Certification, and VSMP Permit prior to the start of work. The Contractor shall transfer the County LDA permit, VSMP Permit in the Contractor's name as the permittee and/or responsible party prior to the start of Work.

The Contractor shall provide a Responsible Land Disturber (RLD) that meets all the required qualifications of the permits. The Contractor shall complete and sign the RLD certificate and submit to the County Project Officer prior to the start of Work.

The Contractor shall obtain the County PROW permit, the County TROW permits and the County Water Meter and Fire Hydrant permits. The Contractor is responsible for investigating and satisfying all permit requirements for the above-mentioned permits.

## 3. RFI AND SUPPLEMENTAL INSTRUCTIONS

Request for Information (RFIs) shall be submitted in writing by the Contractor using a County RFI form (sample attached for information only and is subject to change at the County's discretion) and transmitted via email to the County Project Officer. Only the Contractor, and not Subcontractors, shall submit RFIs.

RFIs shall only be used to request interpretation or clarification of apparent issues or problems found within the contract documents. The Contractor shall clearly identify and detail the issue and provide its own interpretation within the RFI. Upon receipt of the RFI, the County shall respond to the Contractor via email within five (5) business days.

The following are not considered RFI's and may be rejected by the County if submitted as an RFI by the Contractor:

- Routine project correspondence
- Material or shop drawing submittals
- Substitution requests
- Change orders
- Responses to non-conformance notices
- Similar project communications

Responses to RFIs shall not be construed as authorization for a change order. The County may initiate a change to the contract by noting in the RFI response that a change order will be required. If the Contractor considers an RFI response to be a change to the contract, then the Contractor must notify the County Project Officer in writing immediately.

If changes occur after the individual project assignment is awarded that affect the project plans and specifications, and such change does not affect the contract schedule or cost, then a supplemental instruction may be issued by the County. Supplemental instructions are formal notifications to the Contractor providing additional instructions or to order minor project changes. These adjustments to the project plans and specifications may be the result of RFIs, value engineering, recognition of error/omission, changed conditions, requests for substitutions, etc.

#### 4. STAKEOUT AND CUT-SHEETS

The Contractor shall be responsible for laying out the work and shall retain a professional land surveyor licensed in the Commonwealth of Virginia to provide all necessary construction layouts and establish all control lines, grades, and elevation during construction. The Contractor shall submit a copy of all cut-sheets for review, per the Arlington County Specifications. All cut-sheets for layout and construction shall be provided as submittals at least seven (7) calendar days prior to construction of the work included on that cut-sheet. The cost of all necessary surveying services shall be considered incidental to the work and no separate payment shall be made.

#### 5. SCHEDULE, DURATION, AND PHASING REQUIREMENTS

=The Contractor shall provide a schedule for all work listed on plans including any additional work not specifically mentioned on plans but was agreed upon with the County prior to work commencing.

Work Duration per task order shall be calculated in accordance with Supplements to the General Condition "SC-F.2 TIME FOR COMPLETION". The Time for completion shall be used as the basis for the project schedule.

Contractor shall make sure that the submittals/shop drawings are reviewed and accepted and materials ordered and delivered on site as no additional time will be granted for this.

## 6. WORK HOURS

The Contractor shall comply with **normal daytime working hours** as defined in the County Noise Control Ordinance unless otherwise defined by the project plans and specifications, or approved by the Project Officer.

The Contractor shall comply with **restricted working hours** of 9:00 am to 3:00 pm when working in Arlington County arterial streets unless otherwise indicated on the Maintenance of Traffic Plans for each project.

The Contractor shall comply with **restricted working hours** as defined by VDOT and as noted on the approved VDOT permit when working within the VDOT Right-Of-Way. For restricted work hours in VDOT ROW, see attached "Lane Closure Guidelines in NOVA District". The Contractor is responsible for satisfying all VDOT Permit requirements found at: <http://www.virginia-dot.org/business/fairfax-permits-main.asp>.

In addition, the County reserves the right to restrict working days and hours to accommodate special site conditions as required.

## 7. GENERAL SITE SECURITY AND CONTROLS

The Contractor is responsible for securing its work area for safety and security. The Contractor shall confine its construction and presence to the Limits of Work, unless otherwise approved by the County Project Officer.

The Contractor shall provide, erect, and maintain barricades, fences, and/or signage as required to protect the general public, workers, and adjoining properties at no additional cost to the County. Before leaving the site at the end of each day, the Contractor shall replace any and all sections of the security fence or barricade moved or removed during work hours.

The Contractor shall maintain clear vehicular access to existing driveways and entrances at all times unless such access is otherwise addressed on County-approved project plans, precluding concrete pouring and curing of such access points, unless otherwise directed by the County Project Officer.

Homeowners shall be notified by the Contractor a minimum of fourteen (14) calendar days in advance of any driveway closure, and driveways can only be closed for a maximum of five (5) calendar days.

The Contractor shall monitor parking of construction personnel's private vehicles and ensure that the public has unobstructed access to and through parking areas.

#### 8. CONSTRUCTION EQUIPMENT

The Contractor shall confirm that prior to moving on to the Project Area, all equipment, is free of soil, seeds, vegetative matter, or other debris that could contain or hold seeds. Verify that all equipment has been pressure washed and is free of exotic species prior to start-up of operations and moving of equipment to Project Area.

Equipment shall be considered free of soil, seeds, and other debris when a visual inspection does not disclose such material. Disassembly of equipment components or specialized inspection tools are not required.

Contractor shall notify the Project Officer at least 2 days prior to moving any equipment onto the Project Area. Notification will include identifying the location of the equipment's most recent operations. The Contractor shall arrange for the Project Officer to inspect each piece of equipment prior to it being placed in service.

Use of the smallest feasible equipment and use of tracked equipment is desirable to minimize tree impacts during construction. The Contractor shall submit an equipment schedule to the Project Officer for approval prior to mobilization to the project site.

#### 9. SPECIAL TRAFFIC MAINTENANCE CONSIDERATIONS

Entrance to work area shall be from N Utah St from the trail that runs along Donaldson Run. There will be no access for construction vehicles from Zachary Taylor Park from Military Rd. Contractor to adhere to Maintenance of Traffic Plan within approved set. Contractor shall not block access to private driveways.

#### 10. REQUIREMENTS FOR WORK WITHIN THE LIMITS OF DISTURBANCE

Existing manhole frames, covers, valve boxes and other appurtenances shall be adjusted to the final grade or replaced, as necessary. Unless otherwise specified, the cost for this shall be considered incidental to work and shall be incorporated into the cost for relevant items.

Removal of concrete pavement, if encountered, will be to the next joint. In some cases, and when approved by the County Project Officer, the Contractor may be allowed to saw cut a



neat joint mid-span of the existing concrete pavement. The limits of concrete pavement restoration shall be determined by the County Project Officer.

11. CONNECTION TO EXISTING STORM SEWERS

Connections to existing and proposed storm structures are considered incidental and no separate payment will be made.

12. PAVEMENT RESTORATION FOR UTILITY CUTS

Pavement restoration for utility cuts in VDOT Right-Of-Way shall be in accordance with the detail shown in the LUP-OC NOVA Land Use Permit's Special provisions for pavement open cuts.

Pavement restoration for utility cuts in County Right-of-Way shall be in accordance with the Arlington County DES Standard Detail M-6.0 and M-6.1.

Temporary top asphalt installed to provide even grades with the existing roadway before the paving of the entire roadway shall be considered incidental and no payment shall be made by the County for furnishing materials and installation.

13. TEST PITS

Protecting existing utilities is the Contractor's responsibility and any test pits performed to protect the existing utilities shall be incidental to the work and no separate payment shall be made for that purpose.

14. GENERAL EXCAVATION

During construction if the need arises for additional excavation not included in the Contract Documents, the Contractor shall request in writing the need for additional excavation. The Contractor must request approval from the County Project Officer prior to performing the work.

If over-excavation is approved by the County Project Officer, and the additional excavation is not authorized by a change order, the excavation will be incidental to the lump sum price for excavation.

Failure by the Contractor to obtain written approval from the County Project Officer prior to performing any additional excavation will be performed at the Contractor's expense and there will be no cost to the County.

Excavation and shoring of any pits or shafts for trenchless or open trench methods of pipe installation, and any shoring left in place during installation shall be considered incidental to the installation of the pipe and shall be included in the lump sum price for installation of the pipe.

All sheeting, shoring, and bracing shall be in accordance with the current version of VDOT Specifications. Sheeting and shoring, if utilized may be abandoned in place up to five (5)

feet below grade which shall be backfilled, etc. in accordance with the construction documents.

The maximum length of open trench shall be no more than one hundred (100) feet in roadways and three hundred (300) feet elsewhere unless written permission is obtained from the County Project Officer

No excavation shall remain open within the roadway or sidewalk without the approval of the County except when the excavation can be safely bridged with the use of steel plates or other materials acceptable to the County. When areas of excavation do remain open with the use of steel plates, warning signs shall be posted.

Steel plates may not be used within the VDOT Right-Of-Way from November 1st through April 1st. If steel plates are used during the allowable time period of April 2nd through October 31st, then their use shall comply with the most current VDOT Standards and Specifications.

#### 15. EARTHWORK

The county expects that the excavated material will be re-usable to place and compact in the fill areas. The cost of staging of excavated material to be reused for fill and placing and compacting the fill areas is incidental to the unit cost of excavation included on bid sheet. Haul-off of unsuitable excavated material will be paid per cy in accordance with the quoted unit price on the bid sheet. If needed, unit cost of rock excavation and select borrow is stipulated on stipulated price items document included in the bid documents.

#### 16. BYPASS PUMPING/TEMPORARY FLOW DIVERSION/DEWATERING

The Contractor shall utilize temporary pumps to divert stream, storm, and sanitary sewer flows during construction as required. All equipment used for these purposes shall comply with the requirements of the Arlington County Noise Ordinance. The Contractor shall be responsible for the installation, operation, and removal of the temporary pumps. The Contractor shall be responsible for utilizing pumps sufficient to bypass the normal flow and dewater the work area.

The Contractor shall furnish, install, operate and maintain all sumps, pumps, casings, wellpoints, dewatering device, portable dams/barriers and other equipment needed to perform the temporary flow diversion and dewatering of the construction site as needed for proper execution of the construction work.

The Contractor shall furnish to the County in writing, a plan for diverting flows and removal of water from the work area before beginning the construction work. Acceptance of this plan will not relieve the Contractor of responsibility for completing the work as specified

Bypass pumping of stream flows shall be in accordance with Supplemental Specification 01502.

17. TREE PROTECTION AND TRIMMING

Minimizing damage to existing trees is very important. The critical root zone of existing trees is shown on the Construction Plans. Construction within the critical root zone of trees to remain requires root pruning to be performed as shown on the approved Plans in advance of the construction. Contractor to consider other options before performing root pruning. If roots for trees not marked 'to be removed' on the Construction Plans are found during construction, the Contractor shall notify the Project Officer. The Project Officer shall consult with the Arlington County Urban Forester, then the Project Officer shall determine if additional root pruning is required. The additional root pruning performed by the Contractor shall be considered incidental to the bid price.

18. SPOTTED LANTERNFLY QUARANTINE

The Contractor shall demonstrate compliance with all applicable Spotted Lanternfly quarantine requirements.

The Spotted Lanternfly (SLF) is an invasive insect from Asia that threatens numerous agricultural commodities including grape, hardwood, tree fruit, landscape and nursery plants. In order to control the spread of this invasive insect the PA Department of Agriculture has issued a quarantine for over 50 counties. Quarantine areas have also been established within New Jersey, Maryland, Delaware,, West Virginia and Virginia.

A reported distribution map for the Spotted Lanternfly is available at:

<https://nysipm.cornell.edu/environment/invasive-species-exotic-pests/spotted-lanternfly/spotted-lanternfly-ipm/introduction-native-range-and-current-range-us/>

Quarantine requirements are specific to each state available from their state agriculture departments. Contractors should be aware of and compliant with the requirements applying to their state, and in all cases take precautions not to spread the invasive insect. [National information is maintained at:](#)

<https://www.invasivespeciesinfo.gov/terrestrial/invertebrates/spotted-lanternfly>

Information on the PA quarantine, including online training for Business Permits for companies that ship goods or move equipment or vehicles within or out of the quarantine zones can be found at: <https://extension.psu.edu/spotted-lanternfly>

Information on the NJ quarantine can be found at:

<https://www.state.nj.us/agriculture/divisions/pi/prog/spottedlanternfly.html>

Information on the MD quarantine can be found at:

<https://mda.maryland.gov/plants-pests/pages/spotted-lantern-fly.aspx>

Information on the VA quarantine can be found at:

<https://www.vdacs.virginia.gov/plant-industry-services.shtml>

Information on the DE quarantine can be found at:  
<https://agriculture.delaware.gov/plant-industries/spotted-lanternfly/>

## 19. SUBSTANTIAL COMPLETION AND WARRANTY

The determination of substantial completion will be made by the Project Officer. Floodplain and upland landscaping must have been installed and approved and site restoration must be complete, as determined by the Project Officer, for the project to be determined substantially complete. The warranty period (one year for the project overall and two years for Vegetation maintenance – section 329500) will start on the date of substantial completion as determined by the Project Officer.

### **SUPPLEMENTS TO THE 2020 LIGHTING SPECIFICATIONS**

Modify the listed sections as follows:

#### SECTION 14050 – LIGHTING CONDUCTORS

##### PART 4 MEASUREMENT AND PAYMENT

###### **Delete**

- (a) Furnish Conductor shall be measured and paid for on a linear foot basis.
- (b) Install Conductor will be measured and paid for on a linear foot basis. Several conductors pulled into a single conduit at the shall be measured by the length of the pull rather than the total length of the conductors installed. Cost for pulling conductors shall include all connectors, splice enclosures, or other appurtenances required for making the electrical connections.
  - 1. The cost of installing or replacing pull rope shall be incidental to the cost of pulling conductor.

###### **Add**

- (a) Furnishing and installing all conductor(s) and/or cable(s) for streetlights is included in a single price paid per linear foot measured by the length of conduit installed. The Unit Price shall include the cost of all conductors, fittings, connections, slack, securing terminals and other incidentals necessary for the Work as detailed in the County Lighting Specifications.
  - 1. The size, number and/or required slack length of the conductor(s) and/or cable(s) will not be assessed independently for payment.
  - 2. The cost of installing or replacing pull rope shall be incidental to the cost of the conductor(s).
- (b) THIS LINE INTENTIONALLY LEFT BLANK