

**ARLINGTON COUNTY DES ENGINEERING**  
**SPECIAL CONDITIONS**

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## **PROJECT SUMMARY**

This contract contains two Columbia Pike Multimodal Street Improvements Projects, Segment C and Segment D.

Segment C stretches approximately 1,600 LF between South Quinn Street and South Courthouse Road. Segment D stretches approximately 2,350 LF between South Courthouse Road and South Garfield Street. These two projects will be awarded for construction concurrently; however, the actual commencement of construction for each segment will be separated. Segment D shall commence construction before Segment C. These projects reconfigure the street section, which includes a five lane street cross-section as a multimodal complete street featuring transit, environmental, and pedestrian facilities. The improvements include: installing wider sidewalks, enhanced pedestrian crossings, street lights, traffic signals, on-street parking, storm sewer, sanitary sewer and water infrastructure improvements, conversion of overhead utility to undergrounding (only on Segment C), street trees, landscaping, and asphalt pavement.

There is a preliminary plan to realign the intersection at S Rolfe St and Columbia Pike, which is within the limits of Segment C. This work has been added as an optional item in the pricing sheet. The preliminary (30%) engineering design plans for the option t is attached with this ITB as Attachment N.

The Contractor shall provide all resources to successfully perform the terms of this contract in accordance with project plans, 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.

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

### SC-C.1 STATUS OF COUNTY PROJECT OFFICER OR DESIGNEE

*Add the following new language to Paragraph C.1:*

The County Project Officer will coordinate and consult with the VDOT Field Inspector as appropriate when working within the VDOT Right-Of-Way.

### SC-C.4 INSPECTION OF WORK

*Add the following new language to Paragraph C.4:*

Contractor shall notify the Project Officer at least 3 working days prior to disturbing any existing, or installing any new, traffic signs, signals, or other traffic control devices. The Contractor shall allow 3 working days for the inspection and approval of the premarkings prior to placing the permanent markings.

### 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 the Intermediate Work Zone Traffic control shall be on-site to provide supervision during placement, work zone adjustments or changes to traffic control due to field conditions, and removal of work zone traffic control devices.

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.

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

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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.1 NOTICE TO PROCEED

*Delete Paragraph F.1 and replace with the following language:*

The Contractor shall be given a separate written Notice to Proceed with the Work for Segment C and for Segment D. Segment D work shall be commenced before Segment C. Such Notice to Proceed shall state the date on which the Work is to be commenced, and every calendar day thereafter shall be counted in computing the actual Time for Completion.

#### Segment C

The County has obtained most of the temporary and permanent easements necessary to perform the work covered under this contract. The County anticipates obtaining the remaining easements prior to construction. In any case if it is delayed to obtain the remaining easements, the Contractor shall start work in Segment C areas covered by existing easements once the first Notice to Proceed (NTP) letter has been issued by the County Project Officer. Refer to Attachment K for the areas where easements are acquired and pending.

#### Columbia Pike and S. Rolfe St Intersection Realignment

The preliminary (30%) engineering design plans for a proposed option to realign the Columbia Pike and S. Rolfe St intersection is attached with this ITB as Attachment N. Once the County has resolved to go forward with this realignment option, the final engineering design will be completed. A separate NTP will be issued once this final plan is approved for construction. Accordingly, the Contractor shall sequence the construction of Segment C carefully by deferring the construction work at S. Rolfe St intersection and its vicinity to the latter part of the Segment C schedule.

#### Segment D

The County has obtained most of temporary and permanent easements in order to perform the work covered under this contract. Few of temporary and permanent easements have not yet been obtained; however, the County anticipates to obtain the remaining easements prior to construction. In any case if it is delayed to obtain the remaining easements, the Contractor shall start work in other Segment D areas covered by existing easements upon receipt of Notice to Proceed (NTP) letter from the County Project Officer. Refer to the Attachment K for the areas where easements are acquired and pending.

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. Upon execution of S Rolfe Street realignment change order, the County will consider contractor's request of time extension if needed.

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.



## SPECIAL CONDITIONS

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

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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: <https://www.arlingtonva.us/Government/Programs/Building/Resources/Design-Standards-Guidelines>
- **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) permits**
- **County Water Meter and Fire Hydrant permits**
- **VA DEQ Virginia Storm Water Management Program (VSMP) permit**
- **VDOT Land Use Permit (LUP) – Segment C only**

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 prior to the start of work. The Contractor shall transfer the County LDA permit, and the VSMP Permit in the Contractors name as the permittee and/or responsible party prior to the start of Work. The Contractor shall complete and sign the VDOT forms and submit to the County Project Officer for submission to VDOT two weeks prior to the start of Work within VDOT ROW.

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. SPECIAL CONTRACTOR/SUBCONTRACTOR QUALIFICATIONS

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The Contractor shall have five (5) years of experience conducting public works infrastructure and street improvement projects in an urban environment. The experience shall be work of similar size and scope, construction, re-construction, and maintenance.

The Contractor obtained project experience shall consist of the following:

- **State and County streets**
- **Curbs and gutters**
- **Sidewalks and walkways**
- **Driveway aprons**
- **Storm sewer pipes and inlets**
- **Wet Utilities**
- **Dry Utilities undergrounding**
- **Pavement markings and signage**
- **Electrical conduits**
- **Traffic signals and Street lighting**
- **Streetscapes and related site work**
- **Retaining Walls**

The Contractor shall provide a complete list of projects completed within the last five (5) years with reference contact information for each project for Bidder qualification verification. Failure to qualify according to the foregoing requirements will result in bid rejection by the Arlington County Purchasing Office. The County will randomly contact at least five (5) of the references provided.

#### 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.

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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** indicated on Maintenance of Traffic Plans in attachment D when working in Arlington County arterial streets .

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.virginiadot.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. SPECIAL TRAFFIC MAINTENANCE CONSIDERATIONS

All personnel, signs, barricades and any other items necessary for the maintenance of traffic and safety shall be provided by the Contractor. The Contractor shall maintain the use of appropriate vehicular and pedestrian controls across all roadways in front of the project and full conformance with all County and VDOT standards and safety requirements. The Contractor shall set up controls at the beginning of each work day and take down controls at the end of each work day, as applicable to each project, for the duration of the project. If indicated on the approved plans, or with approval of the Project Officer, the Contractor may be allowed to maintain controls overnight or for longer durations. Considerations that may allow the controls to remain overnight or for longer durations are that the roadway must allow for the safe passage of two-way traffic, and the provision of a safe accessible pedestrian route through the site. When the project includes a 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 and this work shall be at no cost to the County. Prior to any lane closures within the County Right-Of-Way, the County Project Officer must be notified (and acknowledge the notification) 72 hours in advance of any lane closure. 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.

9. TRAFFIC SIGNALS AND STREETLIGHTS

Materials and construction of the communications conduit, streetlights, and traffic signals shall abide by the latest versions of the 'Arlington County Traffic Signal Specifications and Standards' and 'Arlington County Lighting Specifications and Standards. All materials for these areas shall be approved by Arlington County Transportation Engineering and Operations Bureau. The County Project Officer will facilitate the material specification submissions for review by the Transportation Engineering and Operations Bureau.

The Contractor shall abide by VDOT's requirement to submit signal foundation details for review. These details include, but are not limited to soil tests to verify the detail design, along with any other supporting information required by VDOT in their submission package. Details shall be created for each signal pole foundation and shall be for both three feet and four feet diameter foundations. The County will assist only in the submission of these details to VDOT, if requested. The Contractor is responsible for satisfying all VDOT requirements. The Contractor shall incorporate all costs for this in relevant items and no payment will be made by the County. The submission shall be submitted with enough time for VDOT to adequately review it. The Contractor cannot claim any time delay or any additional compensation due to such delay. Prior to removal of the existing signal equipment and materials, the Contractor shall meet with the Project Officer to verify which

equipment will be returned to the County, when and where the returned equipment will be delivered, and which equipment will be disposed. All costs associated with this shall be incidental to other items in the Contract.

Installation of electrical service for temporary services such as signals, streetlights, signal cabinets, construction trailers, or for equipment use are incidental to the contract.

Intercepting existing streetlight conduits and splicing into existing cables are incidental to the contract.

References to a CCTV camera shall mean to both furnish and install the CCTV camera, unless specifically excluded.

As part of the luminaire installation, Contractor shall install house-side shields in each fixture. These shields will be provided by the County. If requested, the County will demonstrate how to install the shields. The Contractor shall contact the Streetlights Operations Team Manager at (703) 228-6531 to obtain the shields prior to ordering any streetlight materials to ensure they will be available at the time of construction, and to request a demonstration on how to install the shields. Failure to do so will be at the Contractor's expense for time if construction is stopped because the shields are not available. The installation of the shields is considered incidental to the contract and no additional payments shall be made for this work.

## 10. OTHER SPECIAL PROVISIONS



### Applicable to Segment C and Segment D

- 10.1 Install piers or cradles per Arlington County Standard Drawing M-7.0 when minimum vertical clearances between utilities can not be met. This work shall be incidental to the corresponding item of work and no separate payment will be made.
- 10.2 Connections to existing and proposed storm and sanitary structures are considered incidental and no separate payment will be made.
- 10.3 The Contractor shall not disturb the existing bike share station. Remove and replace bollards as needed to facilitate construction activities. No separate payment will be made to the Contractor. If bollards are damaged, the Contractor is required to replace the damaged bollards with new ones at no cost to the county.
- 10.4 The cost for all proposed retaining walls shall include Custom Rock Formliner, "Running Bond Stone Patterns #1106- R2 or #1124", or approved equal. Formliner details are shown on the sheet C20.1. Should the Contractor elect to use an alternative retaining wall formliner, shop drawings and specifications for

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the alternate formliner shall be submitted to Arlington County for review and approval.

- 10.5 All new watermain and appurtenances shall be encased with polyethylene wrap. Encasement steps and details are shown on the Attachment E. The cost for this work shall be considered incidental to other items within the Contract and no separate payment will be made.
- 10.6 There are reinforced concrete pavements in some areas below the existing asphalt pavement. The removal of reinforced concrete pavement within the roadway shall be considered incidental to the Contract and therefore no separate payment shall be made.
- 10.7 All driveway entrances along Columbia Pike shall be kept open at all times. Therefore, High-Early-Strength-Concrete shall be used per VDOT Specificaiton 217 for the construction of new driveway entrances. The line item 02611- C2-00180 commercial driveway entrance shall include the cost for the High-Early-Strength-Concrete. Separate payment will not be made for using High-Early-Strength- Concrete.
- 10.8 The County has obtained most of temporary and permanent easements in order to perform the work covered under this contract. The recorded easements are included in Attachment G for reference. The Contractor shall comply with all agreed terms described in the easements during the course of the contract, and shall not proceed with any work that will cause the County to be in violation of these agreements.
- 10.9 The Contractor is responsible for staging and storage of materials. No space will be provided by the County. The Contractor is responsible for compliance of the State and the County rules and regulations including but not limited to proper Permits for the purposes of using land as construction staging and storage areas at no cost to the County. 
- 10.10 All appurtenances related to conduit work including but not limited to bends, tees, connectors, fittings, fixtures etc. shall be considered part of the linear foot price for conduit installed.
- 10.11 Conduits will be installed within 5' of the Dominion Energy switches/transformers. Dominion  will extend the conduits/duct bank to the appropriate location.

- 10.12 Dominion Energy specifications have been provided as Attachment C to the contract documents.
- 10.13 Dominion Energy Virginia, Comcast and traffic conduits can be installed in the same trench but with a minimum of one (1) foot horizontal separation between the outer edges of each owner’s facilities. In no instance shall utilities owned by different companies be encased in one concrete duct bank. Vertical crossings among utilities need to have at least one (1) foot separation, or use concrete piers, cradles or encasement.
- 10.14 As part of this project, Dominion Energy Virginia (“DEV”), and Comcast will need to pull their cables and connect their facilities in the new duct banks to the existing facilities at the designated location so that the existing utility poles can be removed after undergrounding. The communication and coordination of work schedules during construction with the above mentioned utility companies and their contractors is the responsibility of the Contractor.
- 10.15 Dominion Energy, Verizon, and Comcast will be transferring their facilities from overhead to underground after the completion of their respective duct banks. The Contractor is responsible for preparing and coordinating work schedules and making the work area available to the above utility contractors to perform their work. The Contractor may perform other work within the project area as long as they are not in conflict with the utility relocation work and are in compliance with the VDOT permit and MOT plans guidelines and requirements. Preparing the work schedules, mobilization, coordinating and collaborating with the utility contractors, and making the work area available to the utility contractors as required is considered part of the contract and there will be no increase in contract duration and cost for these tasks.
- 10.16 The Contractor is expected to cooperate and coordinate work with Washington Gas, adjacent private developers, Arlington County, VDOT, and monitoring consultant during the project work. If work schedule conflict is identified, the contractor shall be responsible for coordinating, monitoring, scheduling work sequences and ensuring that identified conflict does not impact the overall capability to perform and complete work within the project duration.
- 10.17 The Contractor shall provide separate invoicing to the County for undergrounding work and the street improvement work if requested by the County.
- 10.18 A Subsurface Utility Engineering (SUE) survey was performed to locate the existing dry utility lines within the project sites and supplemented at various

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times during the design phase. The design assumed that the underground location was as surveyed. The Contractor may find that the actual underground location is different and will need to adjust utility locations in order to complete the work. The Utility Offset detail provided within the plan set shall be used to adjust the utility's locations as needed to install the work. The cost of the offset work is incidental to the primary activity.

- 10.19 The Contractor is informed that there are Arlington County Fiber (ACF) lines along the entire length of Columbia Pike.
- 10.20 The Arlington County Fiber (ACF) line relocations shall be performed by an approved Arlington County Fiber Contractor. The list of pre-approved contractors is listed here. The Arlington County Fiber Program Manager shall be notified of all changes in ACF locations.

Company Name	Contact Name	Title	Telephone	Email
N-to-N Fiber, Inc.	Stephen M Noone	President	(703) 331-3884	<a href="mailto:smnoone@ntonfiber.com">smnoone@ntonfiber.com</a>
Jones Utilities Construction, Inc.	Robert Jones	President	(540) 891-5545	<a href="mailto:rjones@jucinc.net">rjones@jucinc.net</a>
Southern Maryland Cable, Inc.	Dennis Madden	President	(410) 867-7577	<a href="mailto:dmadden@smcis.com">dmadden@smcis.com</a>

- 10.21 The portions of the project that have existing streetlights, either cobra-heads on poles or Carlyle style, shall remain energized during construction. If existing streetlights need to be de-energized, then temporary lights with similar luminous flux or better shall be provided by the Contractor. All design, permitting, construction of temporary lights, are the responsibility of the contractor and incidental to other work. Only under special circumstances approved by the Project Officer can lighting be taken out of service and not replaced. If the Contractor is not able to comply with the above requirement, then a detailed plan of action shall be submitted to the Project Officer showing why the lighting cannot remain energized, or why the Contractor's sequence of construction has necessitated this request, how the lack of lighting can be mitigated, and a schedule for the duration of the outage. The Project Officer will evaluate the proposed outage and respond to the Contractor within 4 weeks after the receipt of such submission.
- 10.22 Relocation of existing traffic signal power and communications conduits may be required to complete the proposed improvements. The Contractor shall notify


Arlington County Traffic at least one (1) week prior to relocating or offsetting of any existing traffic conduit. If traffic conduit is encountered unexpectedly, the Contractor shall stop work and notify the Project Officer immediately. If Arlington County Fiber communication lines are encountered and require an offset, this work shall be performed by an Arlington County Fiber Contractor. Refer to a list of approved Arlington County Fiber Contractors included in Item 10.20 above.

- 10.23 The Contractor shall furnish and install an 8' wide free-standing bench as per details shown in the Contract Drawings. The Contractor shall submit the shop drawings and get approval from the Project Officer prior to the installation. The cost for this work shall include complete furnish and installation.
- 10.24 The fiber, communications, and signals conduits specify different materials depending on where the conduit is located. The conduit materials shall be considered incidental to the lump sum Traffic Signal Work bid items, and shall be paid under these bid items despite the material used.
- 10.25 Relocation and Installation of the Existing Red Light Camera Pole, Devices And Equipment as indicated on the plan. This work is part of the lump sum Traffic Signal Work bid items in this contract. No separate payment will be made. This work shall include all labor, tools, equipment, hardware and materials necessary to complete relocation of existing Red Light Camera. Work shall include but not limited to removal of existing pole foundation, installation of new pole foundation, relocation and reconnection of existing the Red Light Camera assembly and verification that the Camera is in working order after relocation. Any damage to the existing Red Light Camera assembly shall be repaired or replaced in kind without any additional cost to Arlington County.
- 10.26 No bus stop shall be closed without coordination with the County Transit Bureau. If any bus stop is impacted by work zone, the Transit Bureau may approve the temporary closing of a single bus stop under the following conditions. The nearest contiguous and adjacent bus stops servicing the same line (One stop prior and one stop after) must be opened throughout the duration of any closure.
- 10.27 Private sanitary laterals not shown on the plans but the Contractor finds/verifies in the field and requires reconnection, this reconnection of the existing lateral to the new main will be paid under item 02510-C7-00270 per LF of sanitary lateral. The price shall include all labor, tools, equipment and materials necessary to complete demolition, construction and restoration but not limited to furnishing and installing pipe and fittings, excavating, backfilling, compacting, disposing of


surplus and unsuitable material, sheeting and shoring, connecting to existing service lateral, and restoring property.


- 10.28 Concrete Sidewalk as per details shown on sheets C14.4, C14.5 & C14.6 for Segment C and D14.6, D14.7, & D14.7.1 for Segment D will be paid under item 02750-C2-SP120 per SY of sidewalk area. The price shall include all labor, tools, equipment and materials necessary to complete the sidewalk but not limited to brick bands, steel edgings, WWM, rebars, dowels, vapor barriers, all complete.
- 10.29 Amended soil, compacted 80-85% as per details shown on sheets C14.3, C14.4, & C14.7 for Segment C and D14.5, D14.6 & D14.8 for Segment D, will be paid under item 02800-C11-SP020 per CY of back fill volume. The price shall include all labor, tools, equipment and materials necessary to complete the backfill but not limited to amended soil.
- 10.30 Washington Gas anticipates completing installation of their proposed gas main shown on the Contract Drawings prior to commencement of this contract work. Washington Gas has planned their sequence of construction from S. Courthouse Rd. toward S. Walter Reed Dr. for Segment D (From east end of the project to west end) and from S. Courthouse Rd. toward S. Rolfe St. for Segment C (From west end of the project to east end). The contractor shall coordinate construction with Washington Gas contractor, in the event the proposed gas main installation is not complete.
- 10.31 All trees, plants, shrubs, grasses, perennials, and ground covers will be planted by others. These works are intentionally not included in this contract. However, the contractor is required to prepare and install planting strips and beds as shown on Landscape Plans and Details in Attachment D.
- 10.32 As part of the bid package, the contractor is expected to provide a schedule of values for the following lump sum items:
- Segment C:
    - 13160-C8-SP300 Traffic Signal Work Complete per Plan C17.1, C17.2, and C17.3
    - 13160-C8-SP400 Traffic Signal Work Complete per Plan C17.3 C17.5 and C17.6
    - 13160-C8-SP500 **OPTIONAL ITEM:** Traffic Signal Work Complete per Columbia Pike and S. Rolfe St Intersection Realignment – Attachment N
    - 01000-C16-00010 Maintenance of Traffic (MOT)




- Segment D:
  - 13160-C8-03000 Traffic Signal Work Complete per Plan D17.1 through D17.8
  - 01000-C16-00010 Maintenance of Traffic (MOT) 

Applicable to Segment C

10.33 Prior to installation of Retaining Walls, the contractor shall verify required bearing capacity and backfill requirements. Calculations sealed by a Professional Engineer shall be submitted to the Project Officer for approval prior to wall construction. Retaining walls shall be measured in cubic feet based on the approved plans and sections. The price shall include soil boring, bearing capacity verification, calculations, demolition of existing wall and related parts, excavation, backfill, restoration, furnish and installation of form liner finished complete and structurally sound retaining wall shown on the sheet C20.1 - C20.3. If unsuitable soil is found under the wall footing, removal of unsuitable soil and structural backfill will be paid under the Stipulated Prices Items listed in the Contract Documents. 

 10.34 If found, unsuitable soil will be replaced with Class T3 concrete subfooting (VDOT Item 69036). The concrete work shall be measured and paid in cubic yard per the Stipulated Price Items list and according to the approved plans and sections. The price shall include excavation, removal and disposal of unsuitable soil, fill with Class T3 concrete, complete and structurally sound subfooting for the retaining wall as shown on sheets C20.1 - C20.3.

10.35 Parcel 7 at #1724 Columbia Pike:  
(a) Existing mortar rubble retaining wall with concrete base and the concrete stairs located on this property shall be removed to the limits as shown on the construction plan sheet #C6.1 (Phase 1 Erosion Controls and Demolition Plan). The contractor is required to submit a proposed safety monitoring plan for continuous monitoring of the health of the adjacent building structure(s) and the existing retaining wall to remain in place. Contractor is not permitted to commence any construction work on this property prior to full implementation of the monitoring system. There is no separate payment for the implementation of this monitoring system. 

(b) Contractor is required to provide a minimum of 48 hours notice in advance for any work activities within the approved temporary construction easements on this property.

(c) Contractor is required to install VDOT standard HR-1 handrail on top of the new retaining wall per construction plan #C20.1 & C20.2 on this property. In addition, 4' high chain link fence is also required to be installed behind the retaining wall within the limits as shown on construction plan #C10.1.

10.36 Parcel 8 at #1726 Columbia Pike:

The Contractor is required to install a temporary 4' high construction fence with screening at the location acceptable to the property owner if the existing fence on the property is going to be down for more than one business day due to construction activities. A minimum of 48 hours notice in advance by the Contractor for this work is required. There is no separate payment for this work.

10.37 Parcel 10 at #1806 Columbia Pike:

The Contractor is required to sawcut and isolate existing concrete slab prior to any jackhammering work on the property to protect the foundation of the house. There is no separate payment for this work.



10.38 Columbia Pike and S. Rolfe St Intersection Realignment:

The County is actively pursuing a realignment of the intersection design. The preliminary design plans have been included as Attachment N. The estimated line items and quantities have been included in Attachment A Pricing Sheet. **“13160-C8-SP500 OPTIONAL ITEM: Traffic Signal Work Complete per Columbia Pike and S. Rolfe St Intersection Realignment – Attachment N”** is the item that is unique to the realignment of the intersection of Columbia Pike and S Rolfe Street. In the event, the design is finalized and approved, the contractor will be provided updated plans (including but not limited to MOT and E&S control plans specific for this intersection realignment). Approximate quantities for the realignment of the intersection design are included in the pricing sheet. The price for percentage line items for Segment C should also include the cost associated with this intersection realignment. No separate payment will be made for the percentage line items for the improvements at this intersection. Any underrun or overrun quantities related to this intersection design will be considered as a change order and will be paid under the items listed in the contract pricing sheet. The County will issue a separate Notice to Proceed for the intersection of Columbia Pike and S. Rolfe Street.

Maintenance of Traffic (MOT) plan for the realignment work has not been provided with the preliminary plan. MOT notes shown on the Attachment D will be applied to the final MOT plan for the realignment work.

Temporary Erosion and Sediment Controls plan for the realignment work has not been provided with the preliminary plan. Erosion and Sediment Control notes shown on the Attachment D will be applied to the final Erosion and Sediment Control plan for the realignment work.

Applicable to Segment D Only

- 10.39 Remove 5' Section of Wall, Construct Temporary Stairs and Walkway, Restore In Kind complete as per Note Shown on Sheet D6.1 – This item will be paid as a LS

item. The price shall include all labor, tools, equipment and materials necessary to complete demolition, construction and restoration. Work and materials shall include but are not limited to demolition, excavation, construction, preparation of the subgrade surface, top soil, seeding and all necessary materials for the temporary stairs and reconstructed wall.

- 10.40 South Walter Reed Drive at north of Columbia Pike: Before laying out the curb and gutter, sidewalk, fire hydrant, pedestrian signal pole, pavement and pavement marking, the Contractor shall coordinate construction with the planned County project along S. Walter Reed Drive through the Project Officer.
- 10.41 On the north side of Columbia Pike between stations 102+25 and 107+50: The Contractor shall coordinate construction work and schedule with the developer's (The Elliott) construction project through the Project Officer. Depending on the timing of both projects some of the work shown on this contract may not be required to be constructed under this contract. Further direction will be provided by the Project Officer during time of construction.

## **SUPPLEMENTS TO THE DES CONSTRUCTION STANDARDS AND SPECIFICATIONS**

### **SECTION 01000 – GENERAL PROVISIONS AND REQUIREMENTS**

#### **PART 1 – GENERAL**

#### **PARAGRAPH 1.13 Maintenance and Control of Traffic**

##### **Delete**

##### **B. Work Zone Traffic Control Certification**

1. The Contractor shall have at least one (1) employee who is certified by VDOT in Basic Work Zone Traffic Control; and who shall be responsible for the placement, maintenance and removal of work zone traffic control devices within the project limits in compliance with the permit requirements and conditions, the approved plan, specifications, the Virginia Work Protection Manual and the Manual of Uniform Traffic Control Devices. An Employee certified by VDOT in the Intermediate Work Zone Traffic control shall be on-site to provide supervision during work zone adjustments or changes to traffic control due to field conditions. This employee shall provide evidence of this certification upon request from Arlington County personnel.

##### **Add**

##### **B. Work Zone Traffic Control Certification**



1. The Contractor shall have at least one (1) employee who is certified by VDOT in Basic Work Zone Traffic Control; and who shall be responsible for the placement, maintenance and removal of work zone traffic control devices within the project

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limits in compliance with the permit requirements and conditions, the approved plan, specifications, the Virginia Work Protection Manual and the Manual of Uniform Traffic Control Devices. An Employee certified by VDOT in the Intermediate Work Zone Traffic control shall be on-site to provide supervision during placement, work zone adjustments or changes to traffic control due to field conditions, and removal. This employee shall provide evidence of this certification upon request from Arlington County personnel.

## SECTION 02505 – STORM SEWERS AND APPURTENANCES

### PART 4 – MEASUREMENT AND PAYMENT

#### **Add**

#### C. Remove Existing Drop Inlet Structure

1. Removal of existing drop inlet structure shall be measured as EACH. Payment shall include demolition, excavation, dewatering, sheeting, shoring, removing and disposing of designated items, removal and disposal of surplus and unsuitable material, backfilling, restoration of the disturbed areas and all labor, tools, equipment and materials necessary to complete the work.

#### D. Remove Existing Storm Sewer Manhole

1. Removal of existing storm sewer manhole shall be measured as EACH. Payment shall include demolition, excavation, dewatering, sheeting, shoring, removing and disposing of designated items, removal and disposal of surplus and unsuitable material, backfilling, restoration of the disturbed areas and all labor, tools, equipment and materials necessary to complete the work.

## SECTION 02510 – SANITARY SEWERS AND APPURTENANCES

### PART 4 – MEASUREMENT AND PAYMENT

#### **Add**

#### PARAGRAPH 4.4 Remove Existing Sanitary Manhole

4.4.A Removal of existing sanitary manhole shall be measured as EACH. Payment shall include demolition, excavation, dewatering, sheeting, shoring, removing and disposing of designated items, removal and disposal of surplus and unsuitable material, backfilling, restoration of the disturbed areas and all labor, tools, equipment and materials necessary to complete the work.

#### PARAGRAPH 4.5 Abandon Existing Sanitary Sewer (All sizes and depths)

4.5A Abandoning existing sanitary sewer (all sizes and depths) shall be incidental to the relevant work without separate payment. Work shall include demolition, excavation, dewatering, sheeting, shoring, removing and disposing of designated items, removal and disposal of surplus and unsuitable material, backfilling, restoration of the disturbed areas and all labor, tools, equipment and materials necessary to complete the work.

#### PARAGRAPH 4.6 Connect to Existing Sanitary Manhole

4.6A Connecting to existing sanitary sewer manhole shall be incidental to the relevant work unless listed as specific pay item in the contract documents. Payment shall include demolition, excavation, dewatering, sheeting, shoring, removing and disposing of designated items, removal and disposal of surplus and unsuitable material, core drilling, sealing of pipe connection, backfilling, restoration of the disturbed areas and all labor, tools, equipment and materials necessary to complete the work. Channel shaping shall be considered incidental to the work.

### SECTION 02550 – WATER MAINS AND APPURTENANCES

#### PART 4 – MEASUREMENT AND PAYMENT

##### PARAGRAPH 4.1 Water Mains

###### **Delete**

4.1.A Water mains for the various type, classes and sizes shown on the bid proposal shall be measured in linear feet along the pipe center line, regardless of depth, and shall include the length of fittings and valves. Payment shall include excavation, standard bedding, backfill, pipe, thrust restraint, fittings, laying of pipe, disinfection, flushing, erosion and sediment control, support of existing utilities, certification, testing, dewatering, restoration of roadways as shown in Standard M-6.1, all other restoration, trench maintenance, abandoning and/or removing existing mains and appurtenances as required and all other work necessary to prove a complete water main installation in compliance with the Construction Documents.

###### **Add**

4.1.A Water mains for the various type, classes and sizes shown on the bid proposal shall be measured in linear feet along the pipe center line, regardless of depth, and shall include the length of fittings and valves. Payment shall include excavation, standard bedding, backfill, pipe, thrust restraint, fittings, laying of pipe, disinfection, flushing, erosion and sediment control, support of existing utilities, certification, testing, dewatering, restoration of roadways as shown in Standard M-6.1, all other restoration, trench maintenance, abandoning and/or removing existing mains and appurtenances as required and all other work necessary to prove a complete water main installation in

compliance with the Construction Documents, unless separate pay items are listed on the pricing sheet of the contract.

## SECTION 02870 – BICYCLE RACKS

### PART 1 - GENERAL

#### **Add**

- 1.4 The contractor shall submit the shop drawings and get approval from the Project Officer prior to the installation.

### PART 4 - MEASUREMENT AND PAYMENT

#### **Remove**

- 4.1 When applicable, Measurement shall be lump sum. Payment shall include all demolition, excavation, restoration, compaction, furnishing of equipment and materials, providing for the installation of the bicycle rack.

#### **Add**

- 4.1 Measurement shall be each. Payment shall include all demolition, excavation, restoration, compaction, furnishing of equipment and materials, providing for the installation of the bicycle rack per details R-8.2 & R-8.3 as shown on the plans.

## SECTION 02900 - PAVEMENT MARKINGS

### PART 4 - MEASUREMENT AND PAYMENT

#### PARAGRAPH 4.3 Colored Asphalt Coating

#### **Delete**

A. Measurement of colored asphalt coating shall be per square foot of area completed. Payment for colored asphalt coating shall be per square foot and shall include all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete the coating.

#### **Add**

A. Measurement of colored asphalt coating shall be per square yard of area completed. Payment for colored asphalt coating shall be per square yard and shall include all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete the coating.

## SECTION 329100 - PLANTING PREPARATION

### PART 4 - MEASUREMENT AND PAYMENT

#### **Remove**

4.11 The unit price for CONTINUOUS SOIL PANEL shall include the cost of furnishing all labor, materials, equipment and incidental expenses, including but not limited to imported topsoil, vapor barrier, 4" UD-4 underdrain (per VDOT specification) bedding material per Continuous Soil Panel and Tree Pit Drainage Details, and connection to storm sewer system.

**Add**

4.11 The unit price for CONTINUOUS SOIL PANEL shall include the cost of furnishing all labor, materials, equipment and incidental expenses, including but not limited to imported topsoil, vapor barrier, bedding material per Continuous Soil Panel and Tree Pit Drainage Details.

**Remove the following Section**

SECTION 02760 – DETECTABLE WARNING SURFACE

**Add the following Section**

SECTION 06110 – DETECTABLE WARNING SURFACE



PART 1 – GENERAL

PARAGRAPH 1.1 Description of work

- A. Provide all labor, material and equipment to provide ADA compliance detectable warning surface (also referred to a tactile waring strip) as called for on the drawings.

PARAGRAPH 1.2 Protection of Property

- A. Protect adjacent work from damage.

PART 2 - MATERIALS

- A. Provide Cast-in Place or Surface Applied detectable warning surface as manufactured by Armor-Tile, Williamsville, NY or approved equal.

PART 3 – EXECUTION

3.1 DETECTABLE WARNING SURFACE

- A. Provide ADA compliant, 24" wide, detectable warning surface to the locations and color shown on the drawings.
- B. Install in accordance with manufacturer's instructions.

PART 4 - MEASUREMENT AND PAYMENT



Detectable Warning Surface will be measured in square yards and paid for at the contract unit price per square yard. This price shall be full compensation for furnishing and installing approved truncated dome finished materials including but not limited to integral visual contrast, dowels or other anchorage devices.

**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

**SECTION 14080 – LIGHT POLES**

**PART 5 MEASUREMENT AND PAYMENT**

**Add**



(u) **Relocate Existing Streetlight Pole, Luminaire Arm and Light Fixture.** Payment shall include all labor, tools, equipment, hardware and materials necessary to complete relocation of existing streetlight pole and fixtures. Work shall include but not limited to removal of existing pole foundation, installation of new streetlight pole foundation, relocation and reconnection of existing streetlight pole, luminaire arm, and light fixture. Any damage to the existing pole or fixtures shall be repaired or replaced in kind without any additional cost to Arlington County.

