

Vendor Questions

1. The bid item list (C9 - Street Lighting Work) indicates (38) direct-buried decorative post top street light poles with dual luminaires, however the lighting plans (A15) indicate (13) 16' Aluminum Carlyle poles with anchor base. Please clarify what is required.

Response: (38) direct-buried decorative post top street light poles with dual luminaires are for segment F and Lighting Plans (A15) and (13) 16' Aluminum Carlyle poles are for segment A. These are in two different segments of the project.

The bid item with Master Item # 14112-C9-0925 of the Segment F shall be replaced with 14112-C9-00920 and item description shall be read as follow. **"Decorative Post-Top Aluminum Streetlight Pole with Double Post Top Luminaires per Arlington Lighting Standard 14112-02"**.

2. Line Item: 02505-C4-01480 Abandoned Storm Pipe In Place. We found a discrepancy between the plans and the bid items. Per the plans, there are more than two hundred LF of storm pipe that needs to be abandoned; however the bid items state 125.

Response: This work shall be incidental to other work. See Supplements to the DES Construction Standards and Specifications Section 02500 – GRAVITY SEWERS AND APPURTENANCES 4.1A on page 26 of Special Conditions. This item of work is deleted from Attachment A Pricing Sheet.

3. Reference Demolition Drawings A6.1: Please confirm Manhole 23996 is meant to be removed. If so, there is no pay item for this.

Response: Yes, Storm MH 23996 is required to be removed. There is a pay item for removal of manhole. Please refer to item 02505-C4-00600.

4. Referencing sheets A10.2, A11.1, A11.2: Please confirm manholes 34008, 23994, and 23945 are meant to be replaced with new manholes MH-1.

Response: There is no Storm Manhole 34008 in the plan. Storm manholes # 24008, 23994 and 23945 are required to be replaced.

5. In STA 2+02, there is a waterline crossing less than 1 foot away from the storm drain pipe. Does the concrete cradle in note 8 apply to this case? If not, how are we to proceed?

Response: Existing water main will be relocated and there will be 1' clearance between proposed storm and water main. Note 8 is always applicable when the required minimum clearance between utility lines is not achievable.

6. Is Washington Gas going to work simultaneously with the awarded contractor?

Response: Segment A - Washington Gas work will be finished before this contract work starts. Segment F – Gas main relocation has already been completed.

7. What is the status of the Washington Gas Line abandonment?

Response: Segment A - Gas main relocation will be completed before this contract work starts. Existing gas main will be abandoned in place. Segment F – Gas main relocation has been completed. Old gas mains are abandoned in place.

8. SEGMENT A: MH 01, 02, and 03 exceed 8' deep. Per the line items, the remaining depth should be accounted for in VF under 02510-C7-00210: Manhole-Precast Concrete 4' I.D. DEPTH > 8', PER ADDITIONAL VF OVER 8'. However, the quantity listed for 02510-C7-00210: Manhole-Precast Concrete 4' I.D. DEPTH > 8', PER ADDITIONAL VF OVER 8' only takes into account MH 04. Please revise the quantity to address the correct overage in VF or advise if it will be addressed after award.

Response: See amended Attachment A Pricing Sheet for revised item 02510-C7-00240 description. Quantities are accurate as shown on the Pricing Sheet.

9. Segment A: Please confirm that the existing 12" water main to be abandoned does not require a cap at approx. STA 9+40.

Response: A cap is required at the end of the existing 12" water main to be abandoned.

10. Segment A: 02750-C2-SP120: Concrete Sidewalk as per details shown on sheets A14.4 & A14.5 including but not limited to brick bands, steel edgings, dowels all complete. The unit for this line item is missing. Please confirm that the unit is SY.

Response: The unit for this bid item is Square Yard (SY).

11. Segment A: 03100-C2-SPXXXX - Concrete Bus Pad as per detail Inset C shown on Sheet F3.1. Concrete Surface A-3 Concrete with Welded Wire 6"x6" W2.9xW2.9. Please confirm that the unit for this bid item is CY.

Response: The unit for this bid item is Cubic Yard (CY).

12. The drawings show concrete surface removal in the middle of the roadway, the site shows only asphalt surface. Is there a discrepancy in the drawings?

Response: There are reinforced concrete pavement in some areas below the existing asphalt pavement. Please refer to Item 10.6 under "10. Other Special Provisions" on page 20 of the "Arlington County DES Engineering Special Conditions" document.

13. How is the excavation of the roadway and other concrete items intended to be compensated.

Response: Per Arlington County Construction Standards and Specifications Section 02200 Paragraph 4.1, excavation is incidental to other work. Therefore, no separate payment shall be made for excavation.

14. Is there a part number for the ethernet switch in the control box noted on sheet F17.1.2

Response: County Standard CCU2EN (Control Unit with Ethernet)

15. The testing procedures listed on print F17.1.2 conflict with the Arlington County testing standards. F17.1.2 has a lower threshold than the ACF standards for OTDR testing. Furthermore, F17.1.2 does not call for source and meter testing whereas, the ACF requires it. Which standard do you want us to follow?

Response: Arlington County Standards shall govern for testing requirements of all Fiber Optic cable and associated equipment/appurtenances.

16. Segment F: Plan set #17: Sheets 20.3 & 20.4 appear to be missing. We believe they contain information regarding retaining walls. Please provide the missing pages.

Response: Sheets F 20.3 and 20.4 are in Bid Plan Set - Part-14, pages 12 and 13.

17. Please provide additional time for questions. Due to busy bid schedules most General Contractors review plans and specifications only a few days before the due date. Also, it will give time for subcontractors to provide their input/observations for this project. The county will benefit from receiving more accurate and competitive bids.

Response: See Addendum #1

18. Provide trench restoration details for the water and sewer items for this project, including widths, depths and materials to use. Also, profiles.

Response: Please refer to Arlington County Construction Standards and Specifications, Section 02550, Part 4.1.A and Standard Detail M-6.1 for trench restoration.

19. It appears there is not enough information to design and quote the H-Pile Wall item. Please provide sufficient information (i.e. length, thickness, material list, soil borings, demolition plan, hazardous material report, etc..)

Response: Plan and profile for the proposed H-Pile Wall are shown on sheet F20.3. The Contractor to explore, design and build as necessary. Please refer to note # 10.23 on page 23 of the Special Conditions.

20. Please provide list (with contact information) of approved Arlington County Bicycle Rack and Bench supply companies.

Response: Please see details on sheet F14.6.1. The contractor shall refer to Arlington County Standards and Specifications Section 10530 Part II, 2.2 of for bench and Section 02870 for bicycle rack.

21. Please provide list with contact information of Arlington county approved utility companies (i.e. Comcast, Dominion, Utility Duct Bank, etc..) that can perform work for this project.

Response: Approved list of contractors for Comcast and Dominion is not available.

22. How many crews is the general contractor required to provide for each project segment?

Response: It is up to the contractor's means and method.

23. Is epoxy coated rebar to be used in the retaining wall items?

Response: Reinforcing bar for retaining walls shall conform to AASHTO A775 as called for the VDOT Road and Bridge Specifications, Section 223.

24. What is the concrete mix to use for the retaining wall items for each project segment?

Response: Concrete for all retaining structures shall be Class A-3 Concrete as called for in the Segment A plans, sheet A20.1. The same requirement applies equally to Segment F of the project.

25. Several sections are blank or without items. Please clarify or remove them if not needed (i.e. C5, C13, C15, C16, C17..)

Response: The Pricing Sheet is a standard format of Arlington County. Sections C5, C15 and C17 are not applicable for either segment. C13 and C16 have quantity of 1 LS unit each. Prices shall be based on the Erosion and Sediment Control Plans and MOT plans included in the bid plan set. See Attachment D.

26. Several units for several items are missing. Please provide them.

Response: Revised pricing sheet is attached with this amendment.

27. Segment F: Per sheet F6.2 and F6.3, bus shelters to be disassembled and delivered to Arlington County property yard. Per the specs, this is not incidental to any other work listed and there is no paid item. Please add a line item for this scope.

Response: As mentioned on the plan, existing bus shelters to be disassembled and delivered to Arlington County property yard is considered incidental work to this contract.

28. Segment F: Per sheet F6.2, approximate STA 145+75. The bus shelter, concrete slab and retaining wall must be removed, the area regraded and sodded (per sheet F10.3). According to the specs, this is not incidental to any other paid item and there is no paid item provided. Please add a line item for this scope.

Response: Please refer to Section 02200 Part 3.4.C and Section 329200 Parts 4.6 & 4.7 of the Arlington County Construction Standards and Specifications.

29. Please define what to include in item Temporary Erosion and Sediment Control for each project segment.

Response: Phase I & Phase II Erosion and Sediment Control Plans are provided and all work shown on these plans shall be included in this item. See Attachment D.

30. Segment A: Sheet A6.1 indicates that demolition of existing retaining wall. Which paid item should we use to compensate for the removal of this retaining wall?

Response: Please disregard the note. There is no existing retaining wall at that location.

31. Segment A: Sheet A6.1.1 indicates "existing 15" storm pipe to be removed not shown in survey - contractor to field verify." There is no paid item for the removal of this storm pipe. Please indicate under which paid item we should price this removal.

Response: Contractor is required to remove existing 15" pipe in order to install new 15" RCP. Removal is incidental to the proposed storm sewer work.

32. Please provide list of county approved utility companies that can perform work for this project.

Response: The list of approved utility contractors is provided in the Special Conditions for performing Verizon and Arlington County Fiber work. The list of approved utility contractors for performing Comcast and Dominion work is not available.

33. Segment A: Sheet A10.2 indicates the median starts at STA 64+64.48, but typical section at sheet A3.3 indicates that it starts at STA 64+38.52. Please confirm which is correct.

Response: Sheet A10.2 is correct and shall govern. The median replacement proposed begins at Columbia Pike Sta. 64+64.48.

34. Is there a limit in the amount that a General Contractor can use for item Maintenance of Traffic (MOT) for each project segment?

Response: Please refer to Arlington County Construction Standards and Specifications, Section 01000.

35. Can the flagger certifications be submitted prior to the award of the contract along with performance and payment bonds?

Response: All required documentation must be submitted with the sealed bid.

36. Please define what to include in item SWPPP Administration for each project segment.

Response: Please refer to Section 01000, 1.19B of Arlington County Standards and Specifications. SWPPP administration should include but not limited to any work associated with abiding by the approved Pollution Prevention Plan, E&S Plan, and Stormwater Management Plan. See attachment N for the approved SWPPP that will need to be maintained for each segment. Please see Attachment N for approved SWPPPs.

37. Is there a limit in the percentage amount that a General Contractor can use for SWPPP for each project segment?

Response: No stated limit.

38. Is there a limit in the percentage amount that a General Contractor can use for Mobilization and De-mobilization for each project segment?

Response: No stated limit.

39. Appendix K shows several ROW/Easements pending. When is the county going to obtain all pending ROW/Easements for each segment? Please provide a time schedule for each pending segment property .

Response: Please Refer to Supplement to the General Conditions SC-F.1 on page 11 of Attachment B - Special Conditions.

40. What is the size, temperature and working pressure on the line where taps will be performed?

Response: There is no wet taps to be performed.

41. What is the material of the existing main pipeline where taps will be performed?

Response: There are different materials used. The contractor is required to verify in the field.

42. Do you anticipate any weekend or night work in each project segment? What percentage?

Response: Please refer to Construction Notes on sheets A19.1 and F19.1 of the bid plan set.

43. How is Arlington County going to pay for stakeouts and as-builts for each segment of this project?

Response: Please refer to General Construction Note # 5 on the Title Sheet of the bid plan set for stakeouts. Refer to Arlington County Construction Standards and Specifications, Section 01720 for as-builts.

44. Is CPM scheduling required for this solicitation? If affirmative, how is Arlington County going to pay for it?

Response: Please refer to Section 01320 of the Arlington County Construction Standards and Specifications.

45. What are the working hours restrictions for each project segment?

Response: Please refer to Construction Notes on sheets A19.1 and F19.1 of the bid plan set.

46. Who is responsible for testing (i.e. concrete, asphalt, soil compaction, etc.)? How is Arlington County going to pay for them?

Response: Please refer to Arlington County Construction Standards and Specifications, Section 01400.

47. Please provide a list of all the permits that the General Contractor is responsible to obtain for each segment of this project.

Response: Please refer to Attachment B - Special Conditions Item # 2 on page 15.

48. How is Arlington County going to pay for rock removal if it is encountered during excavation in each segment?

Response: Stipulated Price Item #1 – Rock Excavation is provided on BID FORM PAGE 4 OF 7, page 89 of ITB No. 22-DES-ITB-617.

49. When do you anticipate to be the Notice to Proceed for this project or each segment?

Response: First Notice to Proceed is anticipated in June of 2022.

50. Is there a minimum percentage amount that the General Contractor has to perform work with its own forces?

Response: No stated requirement.

51. Are the following items wet taps, or will the County be able to control the flow for the connection? Section F: 02550-C6-00190 Connect To Existing 12-Inch Water Main 02550-C6-00200 Connect To Existing 8-Inch Water Main 02550-C6-00210 Connect To Existing 6-Inch Water Main Section A: 02550-C6-00180 Connect To Existing 16-Inch Water Main 02550-C6-00190 Connect To Existing 12-Inch Water Main 02550-C6-00200 Connect To Existing 8-Inch Water Main 02550-C6-00210 Connect To Existing 6-Inch Water Main

Response: No wet tap is required when connecting to the existing water main. The contractor is required to coordinate with the County's Valve Crew through the Project Officer for temporary shutdown of the water main.

52. What is the cost range for this project for each segment?

Response: Cost range is not available.

53. Is there any minority business percentage requirement to meet for this project (i.e. MBE, DBE, etc.)?

Response: No stated requirement.

54. Segment F, sheet F10.5 calls for H Pile wall, however there are overhead electric lines that limit the installation of such structure due to the height required for piling equipment. Is there intentions of the County temporarily de-energizing and removing the poles for H Pile installation?

Response: No temporary de-energizing and relocation of those poles are planned. Retaining walls may need to be sequenced in the construction schedule to follow the completion of the undergrounding of electric and communication utilities. Based on the plan, neither the proposed wall 2F nor the existing retaining wall being replaced in this location conflict with proposed utilities, so the sequencing may allow for the retaining wall installation to follow the duct bank installation. Ultimately the sequencing, means and methods employed by the contractor are the sole responsibility of the contractor.

55. Segment F, sheet F6.3 approx STA 158+00. The existing stone wall is meant to be removed, however there are two existing electric poles next to the wall. (There is no indication if both are meant to remain in place). The demolition/Excavation will affect these poles. Please advise how to proceed with these two poles in the way.

Response: See response to question #54 above, which applies to the demolition of the existing retaining wall.

56. Segment F, 05500-C11-SP110: H-Pile Wall, includes design, fabrication, delivery, installation and all materials, labor, tools, and incidentals necessary to complete the work. Please confirm that the demolition of the existing stone wall, excavation of the hill and shoring of the excavation is incidental to this line item.

Response: Yes, demolition of the existing stone wall, excavation of the hill and shoring of the excavation is incidental to this line item.

57. Is there a suggested or mandatory sequence of construction?

The sequence of construction depicted in the MOT plans is for reference only. It is contractor's responsibility to establish the sequence of construction for each segment.

58. Are there DBE/MBE/WBE goals on this contract?

Response: No stated requirement.

59. Under Special Provisions 10.6 "There is reinforced concrete pavement in some areas below the existing asphalt pavement." Which Pay Item will this work be incidental too?

Response: It is stated in Special Provisions 10.6 that "The removal of reinforced concrete pavement within the roadway shall be considered incidental to the Contract and therefore no separate payment shall be made". Refer to Section 02600, Part 4.1 of Arlington County Standards and Specifications. Payment shall include demolition and excavation.

60. There is no pay item for temporary line marking? How does the county intend to compensate for this work?

Response: Temporary pavement markings are included in MOT plans as MOT measures. Therefore, it is considered incidental work to the MOT.

61. It appears the following items are missing per attachment B-Special Conditions: 02600 Subbase, 329100 Continuous Soil Panel, 02510 Abandon Existing Sanitary Sewer. Please provide items or clarify.

Response: Subbase items are included in the Pricing Sheet. See under C1 item # 02200-C1-00130 and 00140.

Continuous Soil Panel is not used in this project. However, the under drain (UD-4 per VDOT specification), shown on Street Tree Planting in Adjacent R.O.W. detail and connection to storm sewer system shall be considered incidental to landscape work for this contract.

Abandoning Existing Sanitary Sewer is considered incidental to sanitary sewer main. Please refer to Section 02500 – Gravity Sewers and Appurtenances, Part 4.1A of Arlington County Standards and Specifications.

62. Sheet 19.15.1 indicates that the temporary markings to be Type B Class 1 (thermos) but typically that is a permanent product and recommended for switches lasting over a year in length, but

this is not the case. Temporary markings are generally paint and/or removable tape. Please confirm that the temporary marking shall be Type B Class I.

Response: It shall be Type D per Section 02900, Part 3.2 of Arlington County Standards and Specifications.

63. Several website links provided for this project are not found. Please update them or provide current ones.

Response: Links were valid at time of publishing. If you cannot access the link directly from the Special Conditions, please copy and paste the link or document name in a search engine to access the current versions of the documents.

64. Please confirm Builder's Risk Insurance is required for this project.

Response: Yes, it is required.

65. Are the quantities for milling for both segments correct? Based on the quantities for asphalt and curb & gutter they appear very low.

Response: Quantities shown in Pricing Sheets are confirmed.

66. Is CPM scheduling required for both segments? If affirmative, what type? How is the county going to pay for them?

Response: Please refer to Section 01320 of the Arlington County Construction Standards and Specifications.

67. Please provide sizes of all taps needed for both segments. Also, provide what is the product in the main pipeline-water or sewer?

Response: There are different size and materials used. The contractor is required to verify in the field.

68. If pre-construction survey and post-construction survey are required for both segments. Please provide specifications and a list of properties/structures/items to cover for both segments.

Response: For pre-construction survey specifications, please refer to Arlington County Construction Standards and Specifications, Section 01000, Part 1.14D.
If post-construction survey means to prepare as-built, please refer to Arlington County Construction Standards and Specifications, Section 01720 for As-Built.

69. Are pre-construction survey and post-construction survey required for both segments? How is the county going to pay for them?

Response:

For pre-construction survey, per Arlington County Construction Standards and Specifications, Section 01000, Part 1.14D, "Contractor shall incorporate the cost of the preconstruction survey in the bid amount or the unit prices of the bid items, as applicable. No additional payment will be made by the County."

For As-builts, per Arlington County Construction Standards and Specifications, Section 01720, Part 4.1, "Project As-Built Drawings are considered a subsidiary obligation of the contract, and therefore no payment shall be made for this work."

70. Please provide a list of items where the aggregates listed in C1 General Earth Work will be used for both segments.

Response: Please refer Typical Sections of each segment included in the bid plan set.

71. Several items for both segments do not have a depth range or depth upper limit. Please clarify why or provide them.

Response: For items where not specified depth range or depth upper limit in the Pricing Sheet, contractor to refer corresponding profile view and details.

72. There is no item for excavation for both segments. Please clarify why or provide them.

Response: Per Arlington County Construction Standards and Specifications Section 02200 Paragraph 4.1, excavation is incidental to other work. Therefore, no separate payment shall be made for excavation.

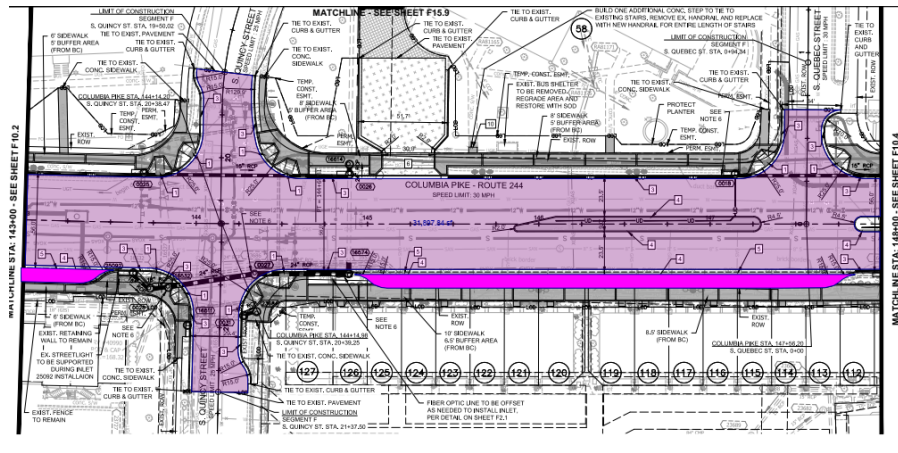
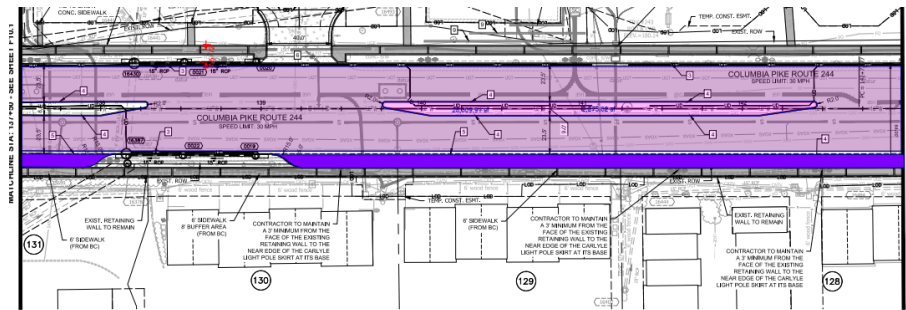
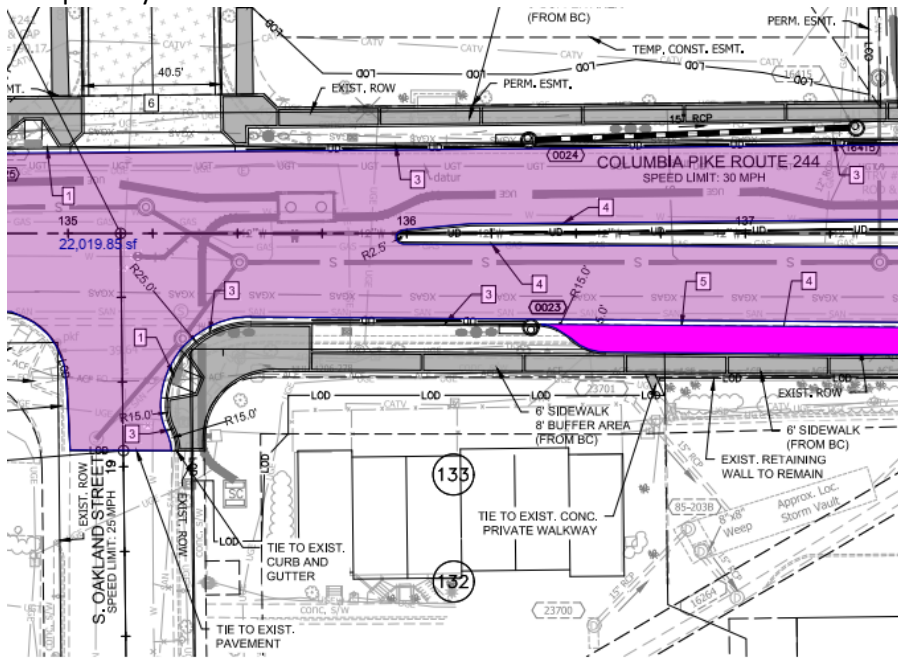
73. For both Segment A and F: Please provide further information about the incidentals included in the scope related to paid item 02580-C18-DO300 Internal/External Secondary Service Connections - includes all labor, materials, coordination for all secondary service connections. There is no specification or clear definition of the scope to be included.

Response: Incidentals includes all works mentioned in the Section 02580 of Arlington County Construction Standards and Specifications.

74. Maintenance of Traffic Plans on the contract drawings state working hours are between 7:00am to 9:00pm except intersections. The Special Provisions restrict working hours to 9:00am to 3:00pm. Which one is correct?

Response: Special Conditions stated that the contractor shall comply with restricted working hours unless otherwise indicated on the Maintenance of Traffic Plans for each project. Therefore, MOT Plan governs the working hours for this project.

75. The opaque colors in the snapshots below are shown as concrete on the plans; however, it appears its intention is for a parking lane. If this is the case, and its true intention is for a parking lane, then the quantity for concrete will be skewed as the intended line item should be asphalt.



Response: Refer to Columbia Pike Onstreet Parking Section detail on Sheet F3.3 for Parking Lane. Please use item # 03100-C2-00240 of the revised pricing sheet for this work.

76. Please confirm that fill is not required for the water utility line abandonment and capping is all that is necessary.

Response: Please refer to Section 02550 Part 3.4F of Arlington County Standards and Specifications.

77. There is an existing sanitary line abandoned per Columbia Pike Village Center that indicates "To be Removed"; however, this item is not incidental to the storm drain, sewer or waterline work or the retaining wall #2F and therefore should have its own line item. If no new line item will be issued, please indicate under which paid item this should be priced.

Response: The limit of removal corresponds to the limit of the retaining wall #2F. Therefore, this work is considered incidental to the retaining wall #2F.