WSSCWATER
DELIVERING THE ESSENTIAL

Water and Sewer Main Replacement, Rehabilitation, and Water Main Emergency Repairs IDIQ Early Engagement Session

Engineering & Construction Department

August 27, 2025

Meeting Protocol

- Microphones and cameras are disabled.
- Questions are to be submitted via chat.
- While we encourage you to submit questions, WSSC Water will not provide responses to submitted questions.
- Information provided in this meeting is not legally binding.
- To receive up-to-date contracting information, visit the Procurement Office's website at https://www.wsscwater.com/secondary-landing-page/procurement.

Agenda

1. Team Introductions
2. Contract Objectives
3. Contract Overview
4. Keys to a Successful Solicitation Response
5. Contract Compliance
6. Questions

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Team Introductions

Team Introductions

Pipeline Construction Division (PCD)

- Nadir Al-Salam, P.E., CCM, PMP, Division Manager
- Brent King, Section Manager, Construction Program Management
- Gouladral Williams, Project Manager

Pipeline Design Division (PDD)

- Rufus Leeth, Acting Division Manager
- Yuezhang Wang, Water Infrastructure Section Manager

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Contract Overview

Contract Overview

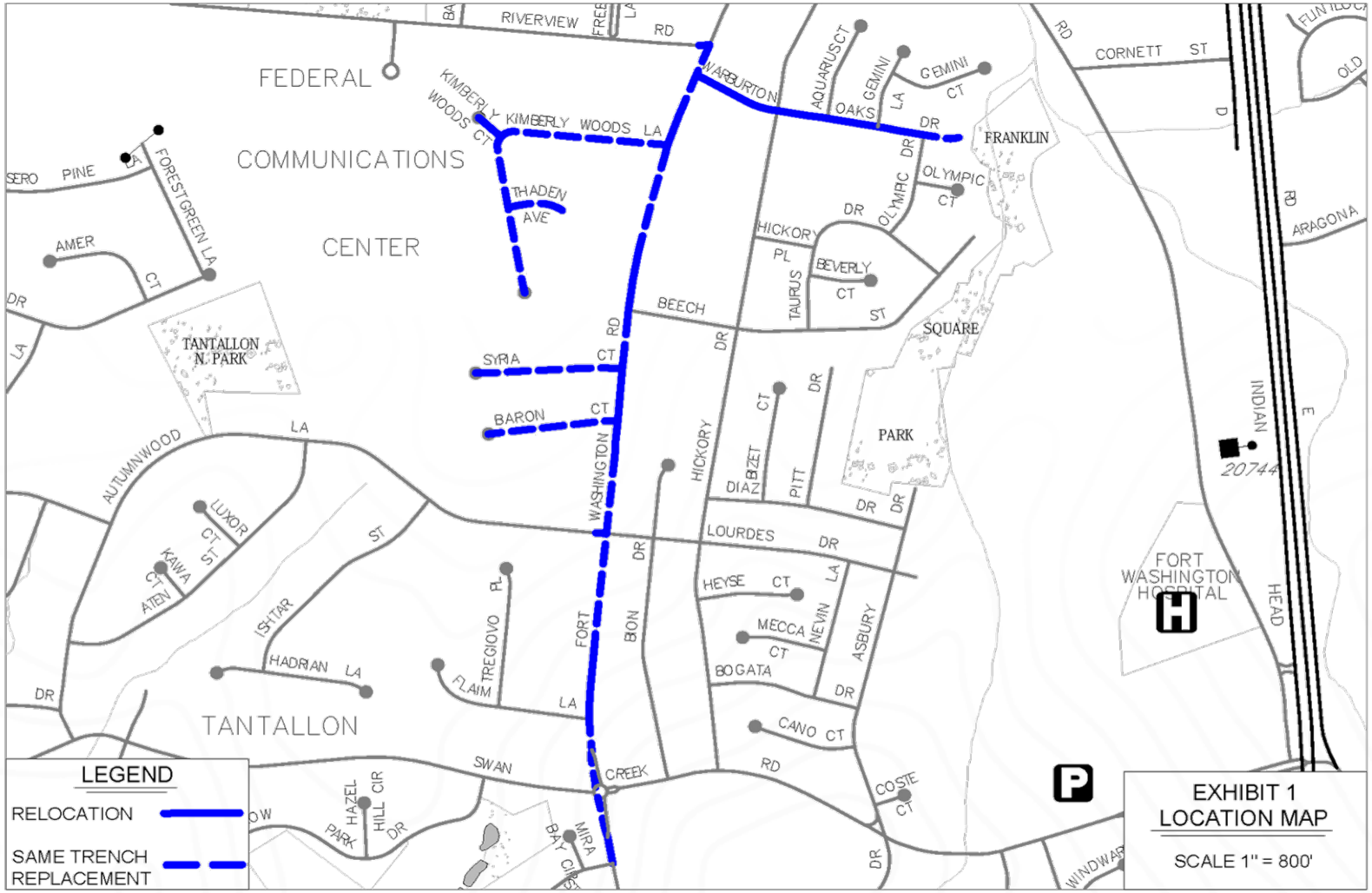
- WSSC Water is establishing a competitively awarded, Indefinite Delivery/Indefinite Quantity (IDIQ) and requirements contract to provide comprehensive services for the **replacement**, **rehabilitation**, **relocation** of water **and sewer mains**, and **water main emergency repairs** in Montgomery and Prince George's Counties, Maryland.
- This is a Requirements contract as defined under WSSC Procurement Regulations. WSSC Water does not guarantee any minimum quantity of work; however, when services of the type covered by this contract are required, they will be fulfilled through this agreement unless otherwise specified.
- Approximately **$250M** to be bid **over five years**.
- WSSC Water intends to make multiple awards under this solicitation to ensure sufficient capacity, pricing competition, and timely responsiveness for planned and emergency work. Task Orders will be issued on an as-needed basis.

Contract Overview

Sample Contracts

Project Name	Project Location	Project Scope
Perrywood Water Main Replacement	Burtonsville, Montgomery County	Replacing 2.2 miles of 14" and smaller distribution water main
Glenarden Water Main Replacement	Glenarden, Prince Georges County	Replacing 2.8 miles of 14" and smaller distribution water main
Olde Mill Run Water Main Replacement	Redland, Montgomery County	Replacing 1.48 miles of 14" and smaller distribution water main
Clearview Place Water Main Replacement	Silver Spring, Montgomery County	Replacing 0.13 miles of 14" and smaller distribution water main
Magnolia Ter Water Main Replacement	Lanham, Prince George's County	Replacing 0.17 miles of 14" and smaller distribution water main

Task Order Example



BR7259A21 - FORT WASHINGTON RD WATER MAIN REPLACEMENT

Task Order Example

DocuSign Envelope ID: 41570B2A-F092-4DC5-B31C-0E386EB22C43

WASHINGTON SUBURBAN SANITARY COMMISSION

14501 SWEITZER LANE, LAUREL MARYLAND

FORT WASHINGTON RD WATER MAIN REPLACEMENT

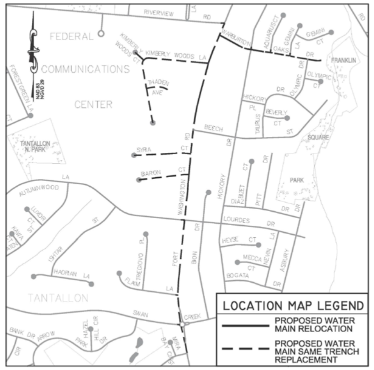
PRINCE GEORGE'S COUNTY, MARYLAND

CONTRACT BR7259A21

WATER - GENERAL NOTES

1. All water mains to be Ductile Iron Pipe with Zinc Coating Class 54 min.
2. All Ductile Iron Pipe to be V-Bio enhanced Polyethylene Encasement in accordance with AWWA C105, Method A.
3. All Ductile Iron Pipe Fittings to be Fusion Bonded Epoxy coated.
4. All new DIP house connections to be Zinc coated per the specifications. DIP house connections do not require Cathodic Protection.
5. Install replacement water mains with a minimum of 42-inches of cover. Install relocated water mains with a minimum of 48-inches of cover.
6. Replacement water main shall be installed in the same location as the existing water main, unless otherwise noted on the drawings.
7. Contractor shall verify the type, size and location of existing fittings on the water main to be replaced.
8. Replace Existing Valves in the same location, unless otherwise noted on the drawings. Restrain all replacement and new valves to the nearest cross or tee unless shown otherwise on the drawings.
9. Replace Existing Fire Hydrants in accordance with Standard Detail W/8.0, or W/8.1, including FHT, Lead and Valve, unless otherwise noted on the drawings or directed in the field by WSSC Engineer or Inspector.
10. All Fire Hydrant Leads to be zinc coated Ductile Iron (Class 54 min.).
11. Existing materials including iron pipe, copper, brass, valve boxes, fire hydrants and valves to be replaced shall be salvaged and returned to WSSC's Anacostia Depot. The Contractor is responsible for adhering to the procedures for returning scrap materials to WSSC as outlined in the Standard Specifications Section 01110.
12. Same trench replacement does not preclude contractor from meeting minimum clearances shown hereon. Contractor to adhere to location requirements shown hereon for proposed/replacement main including graphics, dimensions, and stakeout tables.
13. Replace/reconnect existing WHCs to the replacement water main as noted in the Existing Water House Connection Information Table on Sheets 22. Adjust to existing grade.
14. WHCs to be reconnected shall be the same size as the existing WHC. Contractor shall locate water meter boxes and curb stops and adjust to existing grade. Replacement WHCs are to be 1" diameter minimum. Existing WHCs larger than 1" shall be replaced with the same size as the existing unless otherwise noted.
15. Replace existing WHCs with Copper, Type "K" to the property line including the outside meter settings and curb stops, unless otherwise noted. See Standard Details W/5.6, W/5.7, W/5.10, and W/5.13.
16. New water meters to be located a minimum of 12" from property line, per Standard Detail W/5.6. New curb stops are to be installed at the property line unless otherwise shown on the drawings.
17. Replacement meters shall be located at the right-of-way line despite how they are shown graphically on the plans. Adjust to final grade. See the Existing Water House Connection Information Table on Sheets 22.
18. All WHC's taps on the mainline pipe shall have 18" minimum clearance between each other.
19. The maximum shutdown time for water pipe shall not exceed 8 hours.
20. Provide Temporary water service during the construction for water services affected by the water main replacement, see Standard Details W/5.16 and W/5.16a.
21. To determine the invert elevation of the replacement water mains for hydrostatic pressure testing, use the as-built drawings.
22. These drawings are based on WSSC's 200-foot Water Reference Maps, GIS, field surveys and aerial photogrammetric mapping conducted in September 2020 and existing as-built drawings. Per Standard Specification 01150, existing utility structures and appurtenances are shown based on the best available information. WSSC will not be responsible for completeness or accuracy thereof nor for any deductions, interpretations or conclusions drawn therefrom. Horizontal and vertical survey control based on WSSC benchmarks shown in the table on Sheet 2.
23. Contractor shall test pit all existing water main connection locations and utility crossings and make adjustments to the new water main as necessary.
24. Contractor shall notify Miss Utility at least 72 hours in advance of any work in this area, so appropriate marking of existing utilities can be made. Call 811 or 1-800-257-7777 or log on to www.Call 811.com or http://www.Missutility.net
25. Contractor shall not stockpile materials or equipment within the dripline of any trees. Provide tree trunk protection for all trees within 15 feet of any work, see Standard Details SC/18.0 and SC/19.0, except nominal 2"x10" or 2"x12" pine boards may be used.
26. The Contractor shall be responsible for obtaining staging areas and mobilization of equipment and materials to and from areas at no additional cost to the Commission. No storage of material / equipment on roadway.
27. Contractor shall contact, at least 7 (seven) days prior to start of work under this contract, the following:
    - 27.a. Prince George's County DPW at (301) 499-8523.
    - 27.b. DPIE Inspection Office at (301) 636-2080. Invite the inspector from Prince George's County to the pre-construction meeting.
    - 27.c. WSSC Construction Manager Dan Hamilton at (301) 206-7316, ext. 1
28. The Contractor shall provide Construction Stakeout for mains that are relocated.
29. Provide valve extension stems on all valves marked thus Ⓔ. Refer to WSSC Standard Detail W/2.2.
30. Mains smaller than 16": operate valves under direct supervision of certified WSSC employee. Mains 16" and larger: commission will operate valves for shutdown.
31. Licensed Geotechnical Engineer to perform compaction testing following ASTM D1556, ASTM D6938 or ASTM D2937 at a minimum rate of 1 test for every 100 feet of fill along main trench and at every lateral trench, structure and valve box in Type 1 areas.
32. The Contractor shall test pit existing water main connection locations. There is the possibility of encountering poured lead joints. If poured lead joint pipe is found, replace with mechanical joint pipe and fittings. Removal of the joint is incidental to the Contract.
33. All asphalt pavement disturbance shall be restored per restoration schedule on Sheet 2. WSSC shall be responsible for 2" mill and overlay. Work will be done by others after completion and acceptance of underground utility work.
34. All abandoned in place existing mains 8" and larger and appurtenances shall be filled entirely with flowable fill per Specification section 02510. In areas of same trench replacement, the existing water main shall be removed as required.
35. Unless otherwise noted on the plans, the following vertical and horizontal clearances were used between the new water main and existing storm drains and utilities:
    - 35.a. Horizontal clearance from existing underground fiber optic, electric, gas and water: 5'
    - 35.b. Horizontal clearance from existing storm drains 36" and smaller: 5'
    - 35.c. Horizontal clearance from existing sewer mains: 10'
    - 35.d. Vertical clearance from existing underground fiber optic, electric, gas and water: 1'
    - 35.e. Vertical clearance from existing sewer mains and storm drains 36" and smaller: 1'
36. Maintain 1' vertical and 5' horizontal clearance from outside of pipe to outside of pipe for any other appurtenances. Clearance from Prince George's County DPW&T appurtenances must be from outside of pipe, headwalls, structures, and foundations. Maintain 2' clearance from curb and gutter.
37. Contractor is required to follow the Mandatory Sequence of Construction provided on Sheet 23 unless reviewed and approved by WSSC.
38. The Contractor shall adhere to the work hours noted in the Prince George's County Permit.
39. All bypass pipes shall be located outside of the pavement. All travelways shall be restored to two way travel at the end of each working day.
40. Where pavement markings will be affected by the utility work, the pavement markings must be replaced in kind. The Contractor shall survey the existing markings, as needed, in order to ensure the new markings are re-installed in the proper location. The Contractor is fully responsible for the correct replacement of all impacted pavement markings.
41. All roadway impacted by the Contractor shall be restored at the end of each working day.
42. For properties denoted with a "*", water meter or curb stop could not be located in field. Contractor shall field locate existing water house connection prior to construction.
43. Cathodic protection is not proposed herewith and is not permitted without additional review/approval.
44. The Contractor shall be required to contact the County's Signal Shop and the Traffic Operation Center when working is being performed within 500 feet of a signaled intersection by calling 240-832-0087 or 301-499-8616; alternate 301-883-3734; 301-324-2710 at least 72 hours prior to beginning work.
45. The Contractor shall hand dig all pipe installation within the roadway at signalized intersections after DPW&T has identified the signal conduits and wires. At location when excavating in close proximity to loop detectors the Contractor shall contact the Traffic Signal Inspector Mr. George Johnson, Jr. at 240-832-0087 or 301-499-8616; alternative 301-883-3734; 301-324-2710 at least 72 hours prior to excavating close to or removing any loop detectors.

PRESSURE ZONE=290B		
HHG: 385	SERVIVE CATEGORY	
LHG: 267	WATER 1	SEWER 1



LOCATION MAP LEGEND

PROPOSED WATER MAIN RELOCATION

PROPOSED WATER MAIN SAME TRENCH REPLACEMENT

LOCATION MAP

SCALE: 1" = 800'

LEGEND

- EX. WATER
- PROP. WATER MAIN
- EX. SANITARY
- EX. GAS
- EX. WATER MAIN TO BE ABANDONED IN PLACE
- EX. RIGHT OF WAY
- EX. UTILITY EASEMENT
- EX. STORM DRAIN
- MILL AND OVERLAY
- BLOW-OFF ASSEMBLY
- UNKNOWN UTILITY
- FUTURE CURB & GUTTER
- EX. FENCE
- EX. FH
- PROP. FH
- EX. VALVE
- EX. SANITARY MH
- PROP. VALVE
- PROP. REDUCER
- PROP. CURB STOP
- PROP. WATER METER
- TREE REMOVAL
- TREE PROTECTION FENCE
- PAVEMENT CORE
- SOIL BORING
- TEST PIT

INDEX OF SHEETS

PRINCE GEORGE'S COUNTY DEPARTMENT OF PERMITS, INSPECTIONS AND ENFORCEMENT (DPIE) UTILITY AND TECHNICAL SUPPORT SECTION PRINCE GEORGE'S COUNTY, MARYLAND

APPROVAL DATE: 2-12-2024

PERMIT NUMBER: 23420-2023
PERMIT NAME: Fort Washington Rd, 11506
CUSTOMER PROJECT NUMBER: BR7259A21

DPIE

BLOCKING NOTES

1. **Restrain all pipe joints and fittings on water main, see Specifications.**
2. Install Pre-poured thrust block, where noted on the drawings, see Standard Detail B/3.1 and B/3.3.
3. Restrain all fire hydrants to main, see Standard Detail B/2.1. Do not block fire hydrant or fire hydrant tee.
4. Restrain all joints on water main between branch valves and tees/crosses, See Standard Detail B/2.0.

SEDIMENT CONTROL NOTES

1. Contractor to contact WSSC Environmental Programs Unit at (301) 206-8075, 48 hours prior to starting any work under this contract.
2. Any ground or surface water that is pumped during this project shall be discharged through a Dewatering Device approved by WSSC prior to being discharged offsite.
3. Street shall be kept in broom swept condition at all times.
4. Install Curb Inlet Protection as needed, see Standard Detail SC/16.0.
5. Contractor shall provide Temporary Stabilization for all non-paved disturbed areas at the end of each business day.
6. Any excavated or stockpiled material left overnight shall be covered with an impermeable material. Provide sediment control for off-site staging/stockpile areas.
7. When working in paved surfaces, place excavated material on high side of trench.
8. Place silt fence along low side of excavated area when working in non-paved areas, or as shown on plans, or as directed by WSSC Staff in field. See WSSC Std. Detail S/C 1.0.
9. Slurry generated by pavement sawing shall be contained by Contractor to prevent slurry from entering storm drain or waterway using approved methods, devices, or as directed by WSSC Environmental staff. Contractor shall remove and dispose of contained slurry properly at the end of each work day.
10. Sediment and Erosion Control Permit will be issued at Pre-Construction Meeting.

EXISTING WATER MAINS TO BE REPLACED

SHEET(S)	STREET	EXISTING / PROPOSED WATER MAIN SIZE	SAME TRENCH REPLACEMENT LENGTH (LF)	RELOCATION LENGTH (LF)	TOTAL LENGTH (LF)
3,4,5,6,7,8,9,10	FORT WASHINGTON RD	12" / 12"	4,007	1,167	5,174
3,11,12,13	WARBURTON OAKS DR	8" / 8"	826	775	1,601
3	RIVERVIEW RD	10" / 10"	56	0	56
4,14,15,16	KIMBERLY WOODS LN	8" / 8"	1,466	0	1,466
16,17	KIMBERLY WOODS LN	6" / 8"	214	0	214
17	KIMBERLY WOODS LN	3" / 4"	318	0	318
6,19	SYRIA COURT	6" / 8"	576	0	576
19	SYRIA COURT	4" / 4"	276	0	276
6,20	BARON COURT	6" / 8"	521	0	521
20	BARON COURT	3" / 4"	238	0	238
7	AUTUMNWOOD LN	10" / 10"	42	0	42
9	FLAIM LANE	8" / 8"	29	0	29
10	SWAN CREEK RD	10" / 10"	8	47	55
10	SWAN CREEK RD	12" & 16" / 12"	35	3	38
11	HICKORY DRIVE	8" / 8"	6	0	6
12	AQUARIUS COURT	8" / 8"	113	0	113
12	GEMINI LANE	6" / 8"	123	0	123
15	KIMBERLY WOODS COURT	3" / 4"	153	0	153
16,18	THADEN AVENUE	8" / 8"	311	0	311
	SUBTOTALS	4"	985	0	985
		8"	4,185	775	4,960
		10"	106	47	153
		12"	4,042	1,170	5,212
	TOTAL REPLACEMENT LENGTH				11,310

DISTURBED AREA NOTE

1. THE TOTAL DISTURBED AREA IS APPROXIMATELY 50,379 SQUARE FEET (1.157 ACRES).

WSSC Erosion and Sediment Control Approval Note

This plan has been approved per requirements in the: Standard Procedures of the WSSC Regulations for Utility Erosion and Sediment Control, Section V, Paragraph A.

Reviewed by: Jon Brentlinger

Date: Jan 31, 2024 | 6:43 AM EST Plan No. BR7259A1

Thomas M. Dunne — Jan 29, 2024 | 12:45 PM PST
Designed By: Date

Thomas M. Dunne — Jan 29, 2024 | 12:45 PM PST
Field Review By: Date

BASIN / MINI BASIN: 11002 04047

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

William C. Wallace

NAME: WILLIAM C. WALLACE, P.E.
LICENSE NO.: 24864 Jan 30, 2024 | 2:53 PM EST
EXP. DATE: 6-08-25

STATE OF MARYLAND · WILLIAM C. WALLACE · No. 24864 · PROFESSIONAL ENGINEER

NAD 83 NGVD 29

VICINITY MAP
SCALE: 1" = 2000'
PRINCE GEORGE'S CO. PAGE: 5880 GRIDS: K2, K3, K4, K5, J3, J4 & A3

FOR LOCATION OF UTILITIES CALL 8-1-1 OR 1-800-257-7777 OR LOG ON TO www.call811.com or www.missutility.net 48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY

DATE	REVISIONS

PERMIT REQUIREMENTS

TREE	Y
WETLANDS / WATERWAYS	N
M.N.C.P.&P.C.	N
STATE HGWY. ADM.	N
STATE BD. HEALTH	N
MONTGOMERY CO.	N
SED. CONTROL	Y
P.G.CO.D.P.W.&T.	Y
M.D. D.O.E. - WMA	N
MDE GENERAL 20-CP	Y

*TO BE ACQUIRED BY APPLICANT

TOWN NOTIFICATION

AS BUILT DATA

CONTRACT MANAGER
CONTRACTOR
INSPECTOR
L & G
DATE STARTED
DATE COMPLETED
TYPE PIPE W. S.
TYPE MANHOLES
DATE FINALED
FINALED BY

DRAWING INDEX

Drawing No.	Description
1. thru 41	Plans/Profiles/Details
S.C.1.	Sediment Control Details

PIPELINE DESIGN DIVISION

Feb 5, 2024 | 11:05 PM EST — Camille Shanbury-Woolery
DATE DIVISION MANAGER

WATER INFRASTRUCTURE SECTION

Feb 1, 2024 | 10:37 AM EST — Yueshiang Wang
DATE SECTION MANAGER

DRAWN	ADEQUATE SURVEY		
TD/MF	ON PROP. R/W REQ'D		
CHECK	OFF PROP. R/W REQ'D		
TD/WW	OTHER UTILITIES		

CONTRACT BR7259A21

200'S 214SE01, 215SE01 & 216SE01 — NO 1 OF 41

1/19/24 - PLOT DATE

VERIFY SCALE - BAR IS ONE INCH ON ORIGINAL DRAWING 0 — 1". IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

WASHINGTON SUBURBAN SANITARY COMMISSION — WSSC WATER DELIVERING THE ESSENTIAL

ENGINEER:
NAME: WALLACE MONTGOMERY
ADDRESS: 10150 YORK ROAD, SUITE 200 HUNT VALLEY, MD, 21030
PHONE: 410-494-9093
EMAIL: WWALLACE@WALLACEMONTGOMERY.COM
CONTACT : WILLIAM C. WALLACE, P.E.

PRINCE GEORGE'S COUNTY ELECTION DISTRICT No. 8

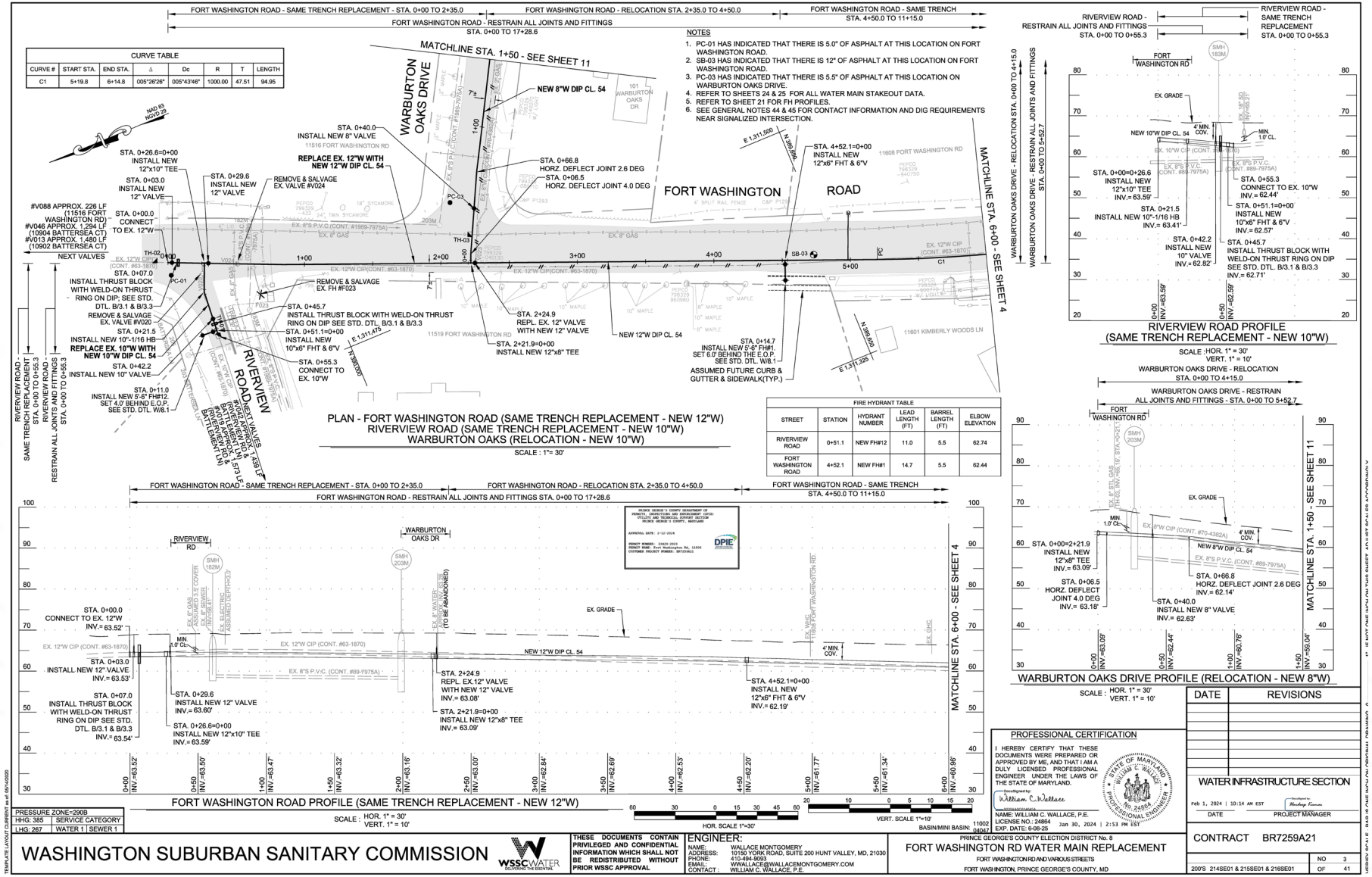
FORT WASHINGTON RD WATER MAIN REPLACEMENT

FORT WASHINGTON RD AND VARIOUS STREETS

FORT WASHINGTON, PRINCE GEORGE'S COUNTY, MD

PATH: TEMPLATE LAYOUT CURRENT as of: 05/14/2020

Task Order Example



Task Order Example

CV, INC. UTILITY TEST HOLE REPORT

FOREMAN/CREW: Scott Wilkinson/DK,NK,BD PROJECT NAME: Fort Washington

REPORT PREPARED BY: Niko Kaylor LOCATION: The Intersection of Fort Washington Rd. & Riverview Rd.

JURISDICTION: Prince Georges County

CLIENT PROJECT# BR7259A21 CV PROJECT# 20201153B.05

TEST HOLE# 1 EXCAVATION DATE: 07/17/2023

ANTICIPATED UTILITY: 10" Water

FOUND UTILITY: OWNER/SIZE/MATERIAL/TYPE

WSSC 10" Cast Iron Water Main

SURVEY PARTY CHIEF: Jarrett Mueller

TEST PIT SURVEY INFORMTION

NORTHING: 390,085.7828

EASTING: 1,311,521.0084

HORIZONTAL/VERTICAL CONTROL PROVIDED BY: WMA

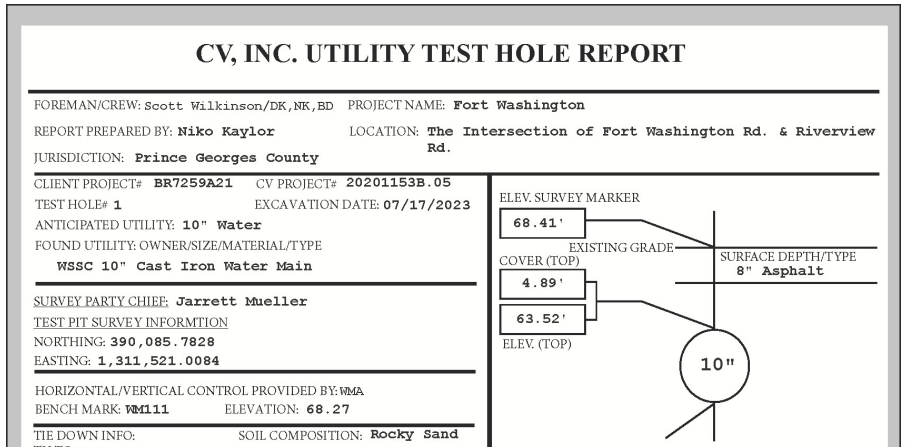
BENCH MARK: WM111 ELEVATION: 68.27

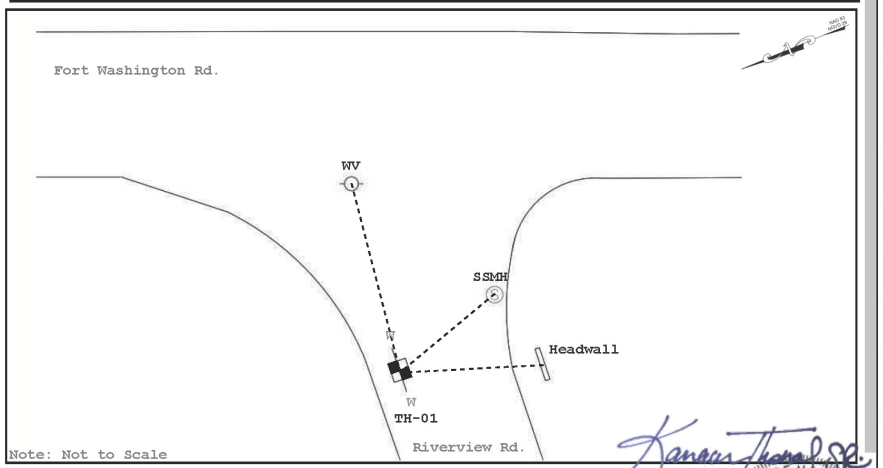
TIE DOWN INFO: SOIL COMPOSITION: Rocky Sand

TH TO: Water Valve - 45.40'

TH TO: Headwall - 34.50'

TH TO: Sewer Manhole - 28.50'





CV, INC.
610 PROFESSIONAL DRIVE, #108
GAITHERSBURG, MARYLAND, 20879
PHONE: (301) 637-2510
WWW.CVINC.COM

STATE OF MARYLAND · KANAAN J. THOMAS · P.S. · 21908 · PROFESSIONAL LAND SURVEYOR

TSG/GEO/01
8-31-2015

WASHINGTON SUBURBAN SANITARY COMMISSION
STANDARD BORING LOG

WSSC Where Water Matters

Sheet 1 of 1

Boring ____ of 10

Contract No. BR7259A21 Project Description Fort Washington Road WMR

Consultant WMA Geotech Consultant/Contractor CV,Inc.

Boring No. SB- 1 Station ____ Ground Surface Elevation 58.0 ft

Easting 389717 Northing 1311858 Logged by HP

Date Started 7/22/23 Date Completed 7/22/23

Inspector JA Driller MDA

Rig Type	D-50	
Rig No.	1	
Drive Hammer	140	LB
Casing Auger Size	3.25	IN
Size of Core		IN
Size of Bit OD		IN
Hammer Energy Ratio	70	%
Auger Depth	15	FT

WATER TABLE

Depth Below Surface		Time (hours)	Date
Depth (ft)	Elev (ft)		
▼			
▽			

CAVE-IN TABLE

Depth Below Surface		Time (hours)	Date
Depth (ft)	Elev (ft)		
▨ 12.3	45.7	0	7/22/23
▨			

DEPTH IN FEET	ELEV. IN FEET	MATL	MATERIAL DESCRIPTION	SPT SPOON/ROCK CORE			REC (%)	LAB. INDEX TESTS			REMARKS
				SAMPLE NO.	BLOWS/ RQD	SAMPLE DEPTH		NMC (%)	LL (%)	PI (%)	
0.3	57.75		Asphalt								3" Asphalt
			Moist, Light Brown, Firm, Sandy Lean CLAY (CL)	1	5-5-5	1.0-2.5	83%	15.7			
				2	4-5-5	3.5-5.0	89%	16.9			Bag sample taken at 1' to 8.5'.
8.0	50.00			3	5-5-7	6.0-7.5	100%	20.6	36.7	19.2	No groundwater encountered during drilling.
			Moist, Light Brown to Dark Brown, Medium Dense, Clayey SAND with Gravel (SC)	4	5-6-7	8.5-10.0	100%	21.7			Caved in at 12.3' at completion of drilling
12.0	46.00		Dry, Light Brown to Tan, Very Dense, Silty SAND with Gravel (SM)								
15.0	43.00			5	23-35-35	13.5-15.0	94%	6.2			Backfilled at completion and patched with Asphalt.

WSSC STANDARD BORING LOG [LETTER SIZE] / WSSC_TEMPLATE.GDT / 20201153B.05 FORT WASHINGTON ROAD.GPJ - 8/4/23

Legend: NMC - Natural Moisture Content; RQD - Rock Quality Designation; PI - Plasticity Index; LL - Liquid Limit; REC - Recovery; Elev - Elevation; MATL- Material Graphics; Geotech - Geotechnical; SPT- Standard Penetration Test; OD - Outside Diameter

Boring and Sampling Conforms to ASTM/AASHTO: T-206, T-207

WSSCWATER
DELIVERING THE ESSENTIAL

Contract Objectives

Contract Objectives

- Reduction in water main breaks and leaks.
- Protect Public Health and the surrounding environment.
- Restoration of water service to our customers.

Contract Objectives

- The Contractor shall replace and/or relocate water mains up to 16 inches in diameter, including:
  - Valves, hydrants, meters, and vaults
  - Water house connections and service lines
  - Abandonment of existing mains
  - Trenchless methods (e.g., pipe bursting, directional drilling)
  - Bypass piping, where applicable
- The Contractor shall perform replacement, relocation, or rehabilitation of sanitary sewer mains up to 15 inches in diameter, using both open-cut and trenchless methods (e.g., CIPP, pipe bursting, sliplining).
- Contractor shall provide 24/7 rapid response services for emergency repairs on water mains (≤16") at depths up to 20 feet. This work will be on an as-needed basis.

WSSCWATER
DELIVERING THE ESSENTIAL

Keys to a Successful Solicitation Response

Keys to a Successful Solicitation Response

Technical Approach and Understanding of Scope

- Knowledge of project requirements, work sequencing, and coordination with WSSC Water.
- Outline an approach to both routine and emergency services.

Contractor Experience and Past Performance

- Demonstrated success in performing similar IDIQ contracts.
- Experience with water main replacement and emergency repair.

Keys to a Successful Solicitation Response

Key Personal and Staffing Plan

- Qualifications and experience of proposed staff.
- Organizational structure and ability to mobilize quickly.

Project Management and Quality Control

- Approach to safety, quality assurance, schedule adherence, and risk management.
- Ability to manage multiple, concurrent task orders.

Price

- Cost competitiveness of proposed rates and adherence to bid form requirements.

Keys to a Successful Solicitation Response

Contractor Qualifications

- OSHA 300 logs for the past **three (3) years**
- Experience Modification Rate (EMR) Insurance Information **(3 years)**
- Traffic Control Personnel certified by American Traffic Safety Services Association (ATSSA)
- Personnel with the State of Maryland Erosion and Sediment Control Training and Certification
- Personnel with Tapping Certification and a minimum of **three (3) years** of experience
- **Three (3) years** of experience in chlorination and de-chlorination of pressurized water pipes using pressurized liquid chlorine as described in either AWWA B301 or AWWA C651

Keys to a Successful Solicitation Response

Contractor Qualifications

- Minimum of **five (5) years** of continuous operations in North America.
- Completion of **at least five (5)** similar water main replacement/rehabilitation/relocation contracts.
- Completion of **at least three (3)** similar sewer main replacement/rehabilitation/relocation contracts.
- Demonstrated installation /rehabilitation of **four (4)+ miles** annually of **8** through **14-inch** water mains over the **past 3 years**.
- Experience with Prestressed Concrete Cylinder Pipe (PCCP), Ductile Iron Pipe (DIP), Copper, and Polyvinyl Chloride pipelines.
- Master Plumber or Civil Engineer on staff is preferred.

Keys to a Successful Solicitation Response

Contractor Qualifications

- Foreman and Supervisor with a minimum of **five (5) years** of related experience.
- Each crew must include **at least one** English-proficient team member.
- Completion of Contractor Health and Safety Program Questionnaire.
- Contractors with EMR >1.0, or TRIR/incident rates above industry average, must designate a qualified on-site safety representative.
- Safety representative must be present, actively engaged, and qualified to manage site-specific safety programs.
- Submit Health & Safety programs to WSSC Water for review prior to commencement of work.

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Contract Compliance

Contract Compliance

Contractors need to comply with all contract documents while working on WSSC Water projects.

WSSC Water Pipeline Construction Conditions & Standards

https://www.wsscwater.com/work-with-us/codes-standards-policies-and-procedures/pipeline-construction-general-conditions-standards

Contract Compliance

Non-compliance can result in customer complaints, vehicle claims, and damage to WSSC Water's reputation.

Construction Tearing Up Residents' Cars Along Old Branch Avenue | wusa9.com

Contract Compliance

Non-compliance can also impact WSSC Water from carrying out its mission to deliver safe, reliable and sustainable water and wastewater.

WSSC Water Issues Water Restrictions for Camp Springs | NBC4 Washington

Contract Compliance

Specifications associated with Contractor non-compliance on WSSC Water projects.

- 01770: Project Clean Up
- 02315: Earthwork for Pipeline Construction
- 02510: Water Distribution System
- 02950: Pavement Requirements

Contract Compliance

Spec 01770: Project Clean Up Daily Clean-Up of Work Site

- Proceed with construction clean-up as construction progresses
- Remove mud, oil, grease, soil, gravel, trash, scrap, debris, and excess materials that are unsightly or may cause accidents to persons or properties.
- Restore disturbed areas including, but not limited to staging and stockpiling areas, construction strips, access roads, stream crossings, and areas within acquired right of way
- Leave premises orderly and broom-clean

Contract Compliance

Spec 02315: Earthwork for Pipeline Construction Compaction Testing and Reporting

- Testing shall be performed on each lift in the pipe embedment zone and the final backfill zone
- Certified compaction test reports must be submitted to the WSSC Water Contract Manager within five (5) business days of the work being performed

Contract Compliance

Spec 02510: Water Distribution System Operating Valves and System Shutoffs

- After the bacteriological analysis is completed and approved by the Engineer, provide written requests to shut down the main three (3) working days prior to intent
- Intent to shut down mains between 4 p.m. and 7:30 a.m., and on Saturdays, Sundays, and holidays requires a five (5) working-day written request
- Mains smaller than 16 inches: Operate valves under the direct supervision of a certified WSSC Water employee
- Mains 16 inches and larger: Commission will operate valves for shutdown

Water Main Work Order Request

EMAIL TO: #WO-ShutdownRequest		
E Mail From:	**Phone No.:**	**Printer Remote No.:**
Requestor:	**Office Phone No.:**	**Cell No.:**
Depot: ☐ Anacostia ☐ Gaithersburg ☐ Lytonsville ☐ RGH ☐ Temple Hills		
Date of Request:	**Contract No.:**	
Contractor:	**Location (nearest town):**	

☐ **SHUT DOWN**	Date:		W.O. #:	
From: **0:00** To: **0:00**			To be done by: ☐ WSSC ☐ Contractor	
Subdivision:			Hundred Block & Street Name:	
Hundred Blk & St:			Hundred Blk & St:	
County:	Page(s):		Grid(s):	
200'SHT #	V#	V#	V#	V#
200'SHT #	V#	V#	V#	V#
200'SHT #	V#	V#	V#	V#
200'SHT #	V#	V#	V#	V#
Reason for Shut Down:				
☐ Other: .				
This Shut Down:			Number of Customers Impacted:	

LOCATE AND/OR OPERATE VALVES NOT SHOWING			W.O. #:	
Subdivision:				
County:	Page(s):		Grid(s):	
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:

SIMULATED SHUT DOWN	Sim. S/D sent , on			
County:	Page(s):		Grid(s):	
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:

Contract Compliance

Spec 02950: Pavement Requirements Temporary/Permanent Patches

- Provide temporary or permanent pavement immediately upon backfill completion
- If temporary pavement becomes defective and creates an emergency, commence repair to rectify the situation within 1 hour after notification
- Resulting patches must be a smooth and level surface flush with the existing pavement

Communication

Communication with the public and elected officials is imperative to keep all updated on project progress and any problems. If a customer has an inquiry about the project you are working on or any other concerns, please refer the customer to the WSSC Water inspector on site. If the inspector is not available, write down the customer's question(s) along with contact information and forward the inquiry to the WSSC Water Contract Manager via email.

WSSC Water Contact Information

- Joy Hamilton, Project Outreach Manager: Joy.Hamilton@wsscwater.com, (240) 814-8511
- Thomas Johnson, Government Affairs Manager: Thomas.Johnson@wsscwater.com, (240) 646-4335

WSSC Water Customer Advocates

- Philip Callahan, Northern Montgomery County: Philip.Callahan@wsscwater.com, (240) 204-2123
- Brandon Stewart, Southern Montgomery County: Brandon.Stewart@wsscwater.com, (301) 642-1712
- David Wilkins, Northern Prince George's County: David.Wilkins@wsscwater.com, (301) 648-6953
- Walter Guzman, Southern Prince George's County: Walter.Guzman@wsscwater.com, (240) 444-5803

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Questions?

Submit your questions to **procurement.support@wsscwater.com**

For past event's presentations and sign in sheets, visit www.wsscwater.com/work-us/procurement/outreach-events


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