



COMMISSION PACKAGE

ACTION REQUESTED:

The Purpose of Commission Package is to request approval of Change Order No. 2 to Contract No. CK6318A17, Anacostia 102" Trunk Sewer Rehabilitation, in the amount of \$8,686,476.48. In addition, this Change Order will add 240 non-compensable calendar days.

Change Order No. 2 will increase the capacity in the Contractor's bypass system and places it in lead operation for at least half of the time. The bypass system is a complex coordination with the Commission's existing pumping station and this change will accommodate required maintenance for both the Commission and the contractor's pumping system. The change includes a change in pump type. The proposed installation of submersible pumps allows the Contractor's pumps to take advantage of the full depth of the wet well, providing more time to react to adverse conditions and reducing the potential for a sanitary sewer overflow.

This Contract was approved by the Commission on October 16, 2019 as a 730 day contract in the amount of \$31,433,000.00.

Basis of Award: N/A

PROJECT OVERVIEW:

The scope of this project is to provide sanitary sewer system rehabilitation including repair, rehabilitation and replacement of mains and manholes located along the Anacostia River in Bladensburg, Maryland. The project will consist of special cleaning of 96-inch and 102-inch trunk sewers and siphons; approximately 4000 linear feet of Spiral Wound Lining for 102-inch and 96-inch trunk sewers; 200 linear feet of cured in place pipe (CIPP) lining; manhole and vault rehabilitation; a new 96-inch gate valve and vault construction; temporary installation of a 96-inch line stop valve, temporary bypass system including 48-inch hot taps and construction of temporary access roads and site controls to facilitate construction.

CONTRACT DATA:

CONTRACT NO. :	CK6318A17	CUMULATIVE CONTRACT AMOUNT:	\$40,199,207.34
CONTRACT TERM:	730 DAYS	ORIGINAL CONTRACT AMOUNT:	\$31,433,000.00
OPTION TERM:	N/A	CONTRACT TYPE:	CONSTRUCTION
PROCUREMENT TYPE:	MUTLI-STEP IFB	OSDI CONCURRENCE:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
PROJECT LOCATION:	<input type="checkbox"/> MONTGOMERY COUNTY <input checked="" type="checkbox"/> PRINCE GEORGE'S COUNTY <input type="checkbox"/> BOTH		

AWARDEE INFORMATION.:

AWARDEE:	SPINIELLO COMPANIES, INC.
CHANGE ORDER AMOUNT:	\$8,686,476.48
PAST PERFORMANCE:	<input checked="" type="checkbox"/> SATISFACTORY <input type="checkbox"/> NO PAST PERFORMANCE

MBE/SLBE REQUIREMENT: 10%

AFRICAN AMERICAN ASIAN AMERICAN NATIVE AMERICAN

<input type="checkbox"/> HISPANIC AMERICAN <input checked="" type="checkbox"/> WOMEN OWNED <input checked="" type="checkbox"/> WSSC-SLBE APPROVED			
SUBCONTRACTORS (OSDI APPROVED SUBCONTRACTING PLAN)	PROFFERED PERCENTAGE	CLASSIFICATION	SUMMARY OF SERVICES
RAM CONSTRUCTION, INC.	3.60%	MBE	Provide temporary help services.
APEX PETROLEUM CORP.	1.80%	MBE	Provide sale and delivery of fuel.
L.E. BLUE AND ASSOCIATES, INC.	3.87%	MBE	Provide temporary access roadway installation and removal; erosion control installation and removal.
CENTURY FENCE CONSTRUCTION	0.20%	MBE	Provide permanent fence and guard rail removal and replacement services.
P&P SEWER TECHS, INC.	0.50%	SLBE	Provide Epoxy coating to inside surfaces of various structures.
ATLANTIC HARDWARE SUPPLY, LLC	0.03%	MBE	Provide Bypass Hardware

CHANGE ORDER HISTORY:

CHANGE ORDER NO.	AMOUNT OF CHANGE	CUMULATIVE AMOUNT
CURRENT CONTRACT VALUE		\$31,433,000.00
CHANGE ORDER No. 1	\$79,730.86	\$31,512,730.86
CHANGE ORDER No. 2	\$8,686,476.48	\$40,199,207.34
CUMULATIVE TOTAL OF CHANGE ORDERS	\$8,766,207.34	

 Denotes Commission Approval Required

STATEMENT OF DETERMINATION AND FINDINGS

BASED UPON A THOROUGH REVIEW AND ANALYSIS OF THE CONTRACTOR'S PROPOSAL AND ALL OTHER SUPPORTING DOCUMENTATION SUBMITTED BY THE CONTRACTOR, AND IN CONJUNCTION WITH THE DUE DILIGENCE PERFORMED BY THE PROCUREMENT OFFICE, I CERTIFY THAT THE AWARD OF CHANGE ORDER NO. 2, TO CONTRACT NO. CK6318A17 IS RELEVANT, FAIR AND REASONABLE, AND IN THE BEST INTEREST OF THE COMMISSION. TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL APPLICABLE REGULATORY AND STATUTORY PROVISIONS WERE ADHERED TO WHEN DETERMINING AWARD. MICHAEL D. JACKSON BUYER INITIALS MDJ

COMMITTEE REVIEW & APPROVAL:

DocuSigned by:

Michael Harmer

/ Mar 10, 2021 | 11:55 AM EST

Michael Harmer
Chief Engineer

Date

DocuSigned by:

Courtney J. Edmonds

/ Mar 10, 2021 | 2:00 PM EST

Courtney J. Edmonds
OSDI Director

Date

DocuSigned by:

Caprecia M. Poole-Williams

/ Mar 10, 2021 | 2:01 PM EST

Caprecia Poole-Williams
Chief Procurement Officer

Date

DocuSigned by:

James Price

/ Mar 10, 2021 | 3:48 PM EST

James A. Price, Jr.
Deputy GM, Operations

Date

DocuSigned by:

Carla Reid

/ Mar 10, 2021 | 5:27 PM EST

Carla A. Reid
General Manager/CEO

Date

- This is to certify that the Washington Suburban Sanitary Commission on this date voted to approve the above action.
- This is to certify that the Washington Suburban Sanitary Commission on this date voted to approve the above action with the following stipulations:

- This is to certify that the Washington Suburban Sanitary Commission on this date voted not to approve the above action.

/

COMMISSION

Date



Memorandum

March 10, 2021

To: Commissioners

Thru: Carla A. Reid ^{DS}
General Manager/CEO *CR*

Thru: Joseph F. Beach ^{DS}
Deputy General Manager for Administration *JFB*

From: Courtney J. Edmonds, Director ^{DS}
Office of Supplier Diversity & Inclusion *CJE*

Subject: Review of Request for Concurrence with Change Order No. Two (2) for Contract No. CK6318A17/125623 for the 102" Anacostia Trunk Sewer Rehabilitation

The Office of Supplier Diversity & Inclusion (“OSDI”) has reviewed the request for Change Order No. Two (2) for Contract No. CK6318A17/125623 for the 102" Anacostia Trunk Sewer Rehabilitation. In accordance with MBE Program Regulation (WSSC Water Code of Regulations Chapter 6.30) and SLBE Program Regulation (WSSC Water Code of Regulations Chapter 6.35), this Contract was awarded to Spiniello Companies, a majority-owned firm located in Baltimore, Maryland in the amount of \$31,433,000.00 with a 10.00% (\$3,143,300.00) Minority Business Enterprise/Small Local Business Enterprise (MBE/SLBE) subcontracting requirement. To date, according to WSSC Water’s Web-Based Compliance System, Spiniello Companies has been paid \$12,540,579.53 of which \$403,842.00 (3.22%) has been paid to its MBE/SLBE subcontractors.

Change Order No. One (1) had a net increase of \$79,730.86, increasing the contract amount to \$31,512,730.86.

Change Order No. Two (2) has a net increase of \$8,686,476.48, increasing the contract amount to \$40,199,207.34 and increasing the contract time by 240 non-compensable calendar days.

The chart below reflects Change Orders to date for Contract No. CK6318A17/125623:

Change Order No.	Action Required	Date of Change	Increased Contract Amount	Decreased Contract Amount	Total Contract Price Per Change Order
1	<ul style="list-style-type: none"> To include a 12" drain as part of the 48" siphon 	9/13/2020	\$79,730.86		\$31,512,730.86
2	<ul style="list-style-type: none"> Bypass System Modifications Plug Valve Vaults Buried Pipe at WSSC Water Depot Access Road Upgrade – 96-Inch Gate Valve Heavy Cleaning and CCTV of Ex. 48-Inch and 60-Inch Pipe 	3/10/2021	\$8,686,476.48		\$40,199,207.34
	Original Contract Amount				\$31,433,000.00
	Difference – Change Orders Nos. 1 & 2		\$8,766,207.34		\$8,766,207.34
	New Contract Amount				\$40,199,207.34

The chart below reflects the current subcontracting requirement, performance-to-date and summary of services for Contract No. CK6318A17/125623:

Prime	Subcontractors	Current Subcontracting Requirement (125623)	Subcontracting Performance-to-Date (125623)	Summary of Services
Spiniello Companies Baltimore, Maryland	^Ram Construction, Inc. (MDOT #10-585, Female/Woman-Owned) Olney, Maryland	3.60% (MBE)	1.38% (MBE)	Temporary help services
	Apex Petroleum Corporation (MDOT #04-012, African American) Largo, Maryland	1.80% (MBE)	0.00% (MBE)	Sales, delivery, install of fuel
	^L.E. Blue and Associates, Inc. (MDOT #99-012, African American) Beltsville, Maryland	3.87% (MBE)	1.85% (MBE)	Installation of access roads, construction entrances, fencing, and sediment control devices
	^Century Fence Construction, LLC (MDOT #98-169, Female/Woman-Owned) Upper Marlboro, Maryland	0.20% (MBE)	0.00% (MBE)	Permanent fence, guard rail removal and replacement
	^P & P Construction, Inc. dba P&P Sewer Techs, Inc. Fort Washington, Maryland	0.50% (SLBE)	0.00% (SLBE)	Epoxy coating to inside surfaces
	Team Industrial Services, Inc. Paulsboro, New Jersey	7.20% (Majority)	0.00% (Majority)	Provide 96, 96x48 and 96x36 tapping sleeves for PCCP, tapping valves and field supervision
	SAK Construction, LLC O'Fallon, Missouri	44.80% (Majority)	0.00% (Majority)	SPR and CIPP furnish and install
	Atlantic Hardware Supply, LLC (MDOT #19-587, Female/Woman Owned) Hyattsville, Maryland	0.03% (MBE)	0.00% (MBE)	Provide bypass hardware
	Total MBE/SLBE Subcontracting:	10.00%	3.22%	
	Total Majority Subcontracting:	52.00%	0.00%	
	Total Subcontracting:	62.00%	3.22%	

^WSSC Water-Approved SLBE Firm

All firms are registered in WSSC Water's Supplier Portal System.

The Commission fully expects Spiniello Companies to meet its overall MBE/SLBE subcontracting requirement of 10.00% (\$4,019,920.73) of the total contract value of \$40,199,207.34, and its individual MBE/SLBE subcontracting requirement for each firm by the end of the Contract term (125623).

The Project Manager should monitor this contract to ensure that the MBE/SLBE subcontracting requirement is met by the end of the contract term.

The OSDI concurs with Change Order No. Two (2) for Contract No. CK6318A17/125623 for the 102" Anacostia Trunk Sewer Rehabilitation.

Should you require any additional assistance, please contact the Office of Supplier Diversity & Inclusion at 301-206-8800.

CJE/ljm

cc: Procurement Office

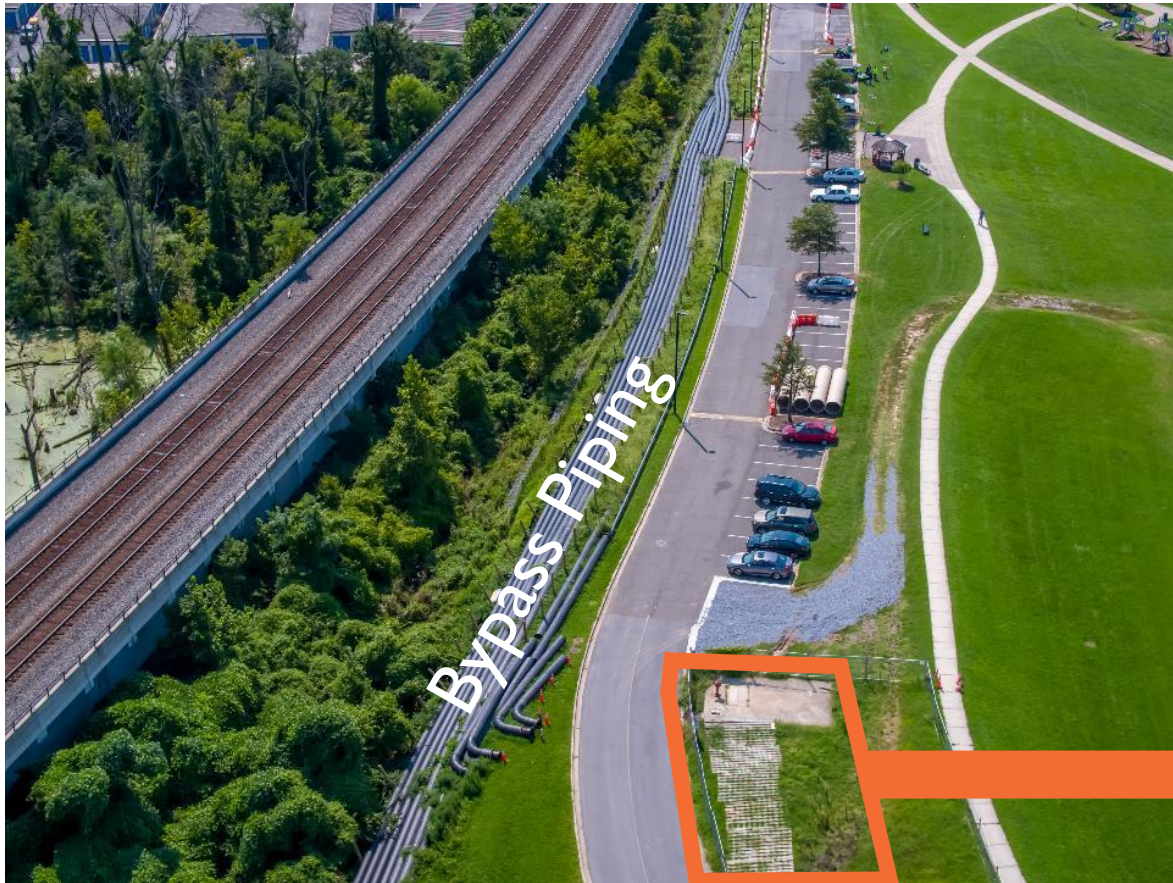


102-inch Anacostia Trunk Sewer Rehabilitation

March 17, 2021



Bypass Piping and Fenced Area

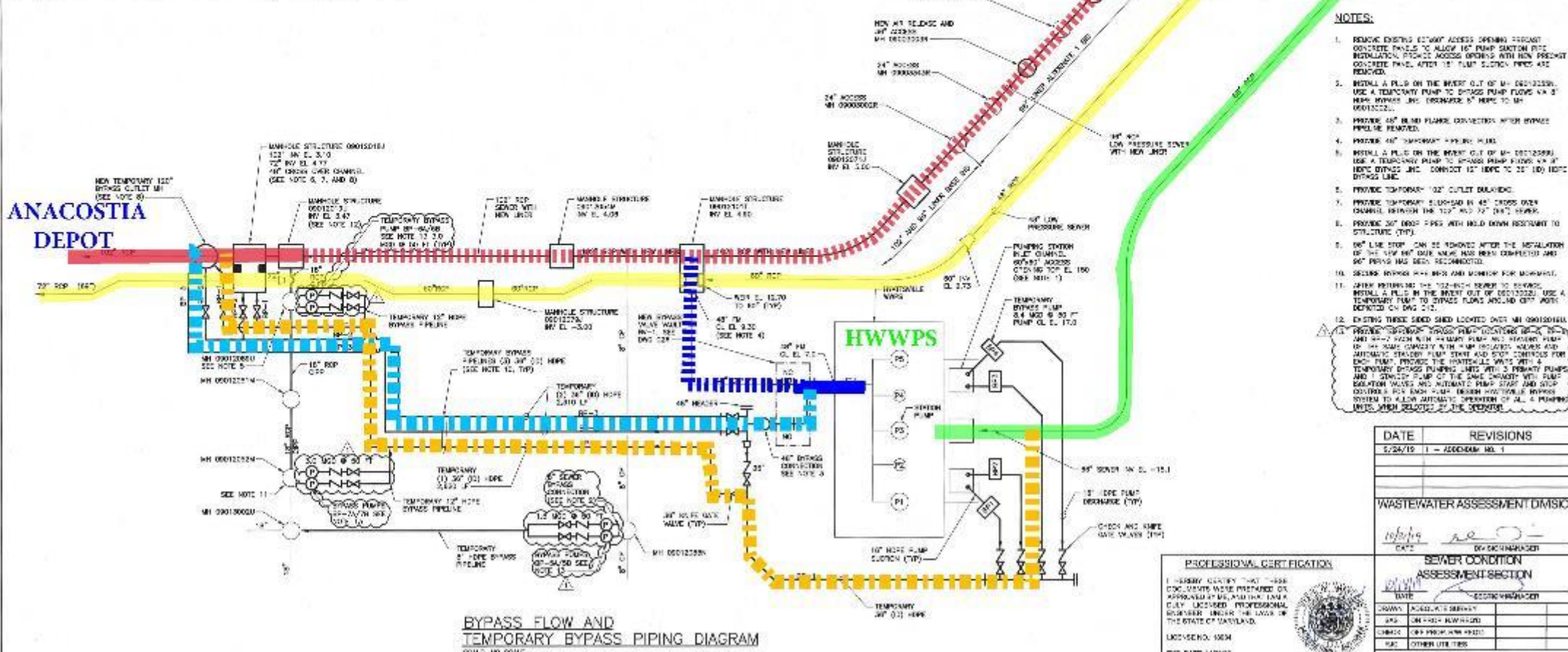


Hyattsville Pumping Station with Bypass Piping Under Construction



MAIN PUMP BASIC DATA		
ITEM	NORMAL OPERATION	BYPASS OPERATION
NUMBER OF PUMPS	0	0
PUMP CAPACITY		
PUMP NO. 1	54.0 MGD @ 36 FT	10.40 MGD @ 46 FT
PUMP NO. 2	14.0 MGD @ 36 FT	6.40 MGD @ 46 FT
PUMP NO. 3	54.0 MGD @ 36 FT	10.40 MGD @ 46 FT
PUMP NO. 4	14.0 MGD @ 36 FT	6.40 MGD @ 46 FT
PUMP NO. 5	54.0 MGD @ 36 FT	10.40 MGD @ 46 FT
MIN CAPACITY (PUMPS 1,2,3 AND 4)	78.0 MGD @ 36 FT	44.8 MGD @ 46 FT
ROVER MIN OBJECT EL.	15.7	16.30
MINOR HEAD	20.25 FT	21.1 FT
PUMP START EL.		
LOAD PUMP	-11.5	-11.5
1ST LAG PUMP	-11.5	-11.5
2ND LAG PUMP	-10.3	-10.3
3RD LAG PUMP	-10.5	-10.5
TOTAL BYPASS TRM CAPACITY		
MAIN PUMPS (4 OF 5)		44.8 MGD @ 46 FT
BYPASS PUMPS (2 OF 4)		25.2 MGD @ 55 FT
TOTAL		70.0 MGD
GRAVITY BYPASS (36" TO 46")		30.2 MGD
TOTAL		90.2 MGD

BYPASS PUMP BASIC DATA	
NUMBER OF PUMPS (0=1, 2, 3, 4)	4
RATED PUMP CAPACITY	0.4 MGD
RATED PUMP HEAD (10' MIN.)	55 FT
MIN CAPACITY (1 + 4, 0=0)	25.2 MGD
PUMP SECTION HEAD	27.00 FT
PUMP SECTION 1-DIMENSIONS	
90" DIA. CL.	-15.1
FLOOR EL.	-15.1
LOAD PUMP START EL.	-15
MAXIMUM WATER LEVEL CL.	-10
BYPASS FORCE MAIN	
FORCE MAIN SIZE (DIPS)	36" (0)
NOTE PIPE CLASS	1800 OH 180
FORCE MAIN LENGTH	2,600 LF
FORCE MAIN OUTLET HIGH POINT CL. (90" CL.)	14.36 FT
PUMP SECTION HEAD (MAXIMUM)	30.2 FT



- NOTES:**
- REMOVE EXISTING 60" DIA ACCESS OPENING THROUGH CONCRETE PAVES TO ALLOW 18" PUMP SECTION PIPE INSTALLATION. PROVIDE ACCESS OPENING WITH NEW PRECAST CONCRETE PANEL AFTER 18" PUMP SECTION PIPES ARE REMOVED.
 - INSTALL & FILL ON THE WEST END OF MH-00012258. USE A TEMPORARY PUMP TO BYPASS PUMP FLOWS VIA 3" MAIN BYPASS LINE (DEGRADE 6" PIPE TO 3" DIA) TO MH-00012258.
 - REMOVE 36" DIA FLANGE CONNECTIONS AFTER BYPASS PIPING IS REMOVED.
 - REMOVE 48" TEMPORARY FORCE MAIN.
 - INSTALL & FILL ON THE WEST END OF MH-00012259. USE A TEMPORARY PUMP TO BYPASS PUMP FLOWS VIA 3" MAIN BYPASS LINE. CONNECT 12" DIPS TO 24" DIA 18" DIA BYPASS LINE.
 - REMOVE TEMPORARY 12" OUTLET DRAINAGE.
 - REMOVE TEMPORARY SLUSH-IN 48" CROSS OVER CHANNEL. REMOVE THE 12" x 60" 12" DIA DIPS.
 - REMOVE 36" DIA PIPES WITH WELD DOWN RESTRAINT TO STRUCTURE (TYP).
 - 60" LINE STOP CAN BE REMOVED AFTER THE INSTALLATION OF THE NEW 60" DIA MAIN HAS BEEN COMPLETED AND 60" PIPES HAS BEEN RECONNECTED.
 - REMOVE BYPASS PIPING AND MONITOR FOR MOVEMENT.
 - REMOVE THE 12" x 60" 12" DIA PIPES TO REMOVED. INSTALL & FILL IN THE WEST END OF STRUCTURE. USE A TEMPORARY PUMP TO BYPASS FLOWS AND NO GET AHEAD DETECTOR ON DWG 012.
 - EXISTING THREE SAND SHED LOCATED OVER MH-00012258A REMOVE "TEMPORARY" BYPASS PUMP LOCATIONS FROM 12" x 60" 12" DIA WITH 4" DIA MAIN. REMOVE 18" DIA STRUCTURE FROM 12" x 60" 12" DIA WITH 4" DIA MAIN. PROVIDE THE CONTROLS WITH A TEMPORARY BYPASS PUMPING UNIT WITH 4" PRIMARY PUMPS AND 2" SECONDARY PUMPS OF THE SAME CAPACITY WITH ISOLATION VALVES AND AUTOMATIC PUMP START AND STOP OUTLET. PROVIDE 12" x 60" 12" DIA BRUSH PASTURE PIPING SYSTEM TO ALLOW AUTOMATIC OPERATION OF ALL 4 PUMPING UNITS WITH DELAY OF THE OPERATOR.

DATE	REVISIONS
5/24/19	1 - APPROVAL NO. 1

WASTEWATER ASSESSMENT DIVISION

DATE: _____ BY: _____

SEWER CONDITION ASSESSMENT SECTION

DATE: _____ BY: _____

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE CIVIL ENGINEERING DRAWINGS WERE PREPARED OR APPROVED BY ME, A PROFESSIONAL ENGINEER LICENSED UNDER THE LAWS OF THE STATE OF MARYLAND.

DATE: _____



WASHINGTON SUBURBAN SANITARY COMMISSION

THESE DOCUMENTS CONTAIN PROPRIETARY AND CONFIDENTIAL INFORMATION WHICH SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN APPROVAL OF THE COMMISSION.

ENGINEER: GREGORY A. HANSON
7852 WALKER DRIVE, SUITE 400
SILVER SPRING, MARYLAND 20910
PHONE: 301-562-4407

LOWER ANACOSTIA BASIN
ANACOSTIA TRUNK SEWER REHABILITATION

JOB NUMBER: CK8318A17

DWG NO: C1

BYPASS SCHEMATIC DIAGRAM

