

FOURTH AMENDMENT TO CONSTRUCTION SERVICES AGREEMENT FOR WATER RESOURCES IMPROVEMENT PROGRAM PROJECTS

THIS FOURTH AMENDMENT TO CONSTRUCTION SERVICES AGREEMENT FOR WATER RESOURCES IMPROVEMENT PROGRAM PROJECTS ("Fourth Amendment") is entered into by and between the **CITY OF OCALA**, a Florida municipal corporation ("City") and **MILLER PIPELINE, LLC**, a foreign limited liability company duly organized in the state of Indiana and authorized to do business in the state of Florida (EIN: 35-1959522) ("Contractor").

WHEREAS, on January 11, 2023, City and Contractor entered into a Services Agreement related to the City's Water Resources Improvement Program Projects (the "Original Agreement"), City of Ocala Contract No.: CIP/220762, for a term of two years from January 9, 2023, through January 8, 2025; and

WHEREAS, on May 17, 2023, City and Contractor entered into a First Amendment to Services Agreement for Water Resources Improvement Program Projects (the "First Amendment"), increasing the overall compensation amount and to incorporate FDEP contract provisions; and

WHEREAS, on August 9, 2024, City and Contractor entered into a Second Amendment to Services Agreement for Water Resources Improvement Program Projects (the "Second Amendment"), to increase the overall compensation amount to reflect the expected level of expenditure over the remainder of the Contract Term; and

WHEREAS, on January 15, 2025, City and Contractor entered into a Third Amendment to Services Agreement for Water Resources Improvement Program Projects (the "Third Amendment"), to renew the Original Agreement for the first of two available (2) one-year renewals and to modify the pricing schedule by 3%; and

WHEREAS, City and Contractor now desire to renew the Original Agreement, as amended, for its final one-year renewal term and to increase the pricing schedule by 3% as set forth in **Amended Exhibit B –Price Proposal** for the Renewal Term.

NOW THEREFORE, in consideration of the foregoing recitals, the following mutual covenants and conditions, and other good and valuable consideration, City and Contractor agree as follows:

1. **RECITALS.** City and Contractor hereby represent, warrant, and agree that the Recitals set forth above are true and correct and are incorporated herein by reference.
2. **INCORPORATION OF ORIGINAL AGREEMENT.** The Original Agreement, as amended, between City and Vendor is hereby incorporated by reference as if set forth herein in its entirety and remains in full force and effect, except, for those terms and conditions expressly amended by this Second Amendment.
3. **AMENDMENT TO EXHIBIT B – AMENDED PRICE PROPOSAL.** The document attached to the Original Agreement as **Exhibit B – Amended Price Proposal** is hereby deleted and replaced, in its entirety, with the document attached to this Third Amendment as **Amended Exhibit B – Price Proposal**.
4. **RENEWAL TERM.** The Original Agreement, as amended, is hereby renewed for an additional (1) one-year term beginning on **JANUARY 9, 2026**, and terminating **JANUARY 8, 2027**.
5. **COMPENSATION.** City shall pay Contractor a price not to exceed **TWO MILLION AND NO/100 DOLLARS (\$2,000,000)** (the "Contract Sum") over the Renewal Term as full and complete

compensation for the timely and satisfactory provision of services in accordance with the pricing schedule detailed in **Amended Exhibit B – Price Proposal**.

6. **NOTICES.** All notices, certifications or communications required by this Fourth Amendment shall be given in writing and shall be deemed delivered when personally served, or when received if by facsimile transmission with a confirming copy mailed by registered or certified mail, postage prepaid, return receipt requested. Notices can be concurrently delivered by e-mail. All notices shall be addressed to the respective parties as follows:

If to Contractor:

Miller Pipeline, LLC
Attention: Charles Bell
8850 Crawfordville Road
Indianapolis, Indiana 46234
Phone: 352-236-3355
E-mail: charles.bell@millerpipeline.com

If to City of Ocala:

Daphne M. Robinson, Esq., Contracting Officer
City of Ocala
110 SE Watula Avenue, 3rd Floor
Ocala, Florida 34471
Phone: 352-629-8343
E-mail: notices@ocalafl.gov

Copy to:

William E. Sexton, Esq., City Attorney
City of Ocala
110 SE Watula Avenue, 3rd Floor
Ocala, Florida 34471
Phone: 352-401-3972
E-mail: cityattorney@ocalafl.gov

7. **COUNTERPARTS.** This Fourth Amendment may be executed in counterparts, each of which shall be an original and all of which shall constitute the same instrument.
8. **ELECTRONIC SIGNATURE(S).** Contractor, if and by offering an electronic signature in any form whatsoever, will accept and agree to be bound by said electronic signature to all terms and conditions of this Fourth Amendment. Further, a duplicate or copy of the Fourth Amendment that contains a duplicated or non-original signature will be treated the same as an original, signed copy of this original Fourth Amendment for all purposes.
9. **LEGAL AUTHORITY.** Each person signing this Fourth Amendment on behalf of either party individually warrants that he or she has full legal power to execute this Fourth Amendment on behalf of the party for whom he or she is signing, and to bind and obligate such party with respect to all provisions contained in this Fourth Amendment.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK. SIGNATURE PAGE TO FOLLOW.]

IN WITNESS WHEREOF, the parties have executed this Fourth Amendment on

ATTEST:

CITY OF OCALA

Angel B. Jacobs
City Clerk

Ire Bethea, Sr.
City Council President

Approved as to form and legality:

MILLER PIPELINE, LLC

William E. Sexton, Esq.
City Attorney

By: _____
(Printed Name)

Title: _____
(Title)

AMENDED EXHIBIT B - PRICE PROPOSAL		CONTRACT# CIP/220762		
MILLER PIPELINE, LLC				
WATER RESOURCES IMPROVEMENT PROGRAM				
ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
GENERAL CONSTRUCTION (012200-3)				
G-03	PROJECT SIGN	EA	\$875.50	\$901.77
G-04-1	EMERGENCY CALL OUT (24 HOURS A DAY)	HR	\$1,091.80	\$1,124.55
G-04-2	LABOR AND EQUIPMENT	HR	\$865.20	\$891.16
G-05	MAINTENANCE OF TRAFFIC	DAY	\$705.55	\$726.72
G-06	SILT FENCE & SEDIMENT CONTROL	LF	\$2.83	\$2.91
G-07	TREE PROTECTION/CONSTRUCTION FENCE	LF	\$5.15	\$5.30
G-08	REMOVE & RELOCATE EXISTING MAILBOXES	EA	\$180.25	\$185.66
G-09	CLEARING AND GRUBBING - LIGHT	SY	\$5.15	\$5.30
G-10	CLEARING AND GRUBBING - HEAVY	SY	\$9.27	\$9.55
G-11	EXCAVATION	CY	\$6.18	\$6.37
G-12	IMPORTED BACKFILL MATERIAL	CY	\$27.81	\$28.64
G-15	GRADING	SY	\$3.71	\$3.82
G-17	REMOVE & REPLACE UNSUITABLE MATERIAL	CY	\$37.08	\$38.19
G-19	LIMEROCK BASE 12"	SY	\$20.60	\$21.22
G-20	# 57 STONE	CY	\$97.85	\$100.79
G-21-1	REMOVAL OF EXSITING CONCRETE SIDEWALKS AND DRIVEWAYS (NOT REINSTALLING)	SY	\$12.36	\$12.73
G-21-2	REMOVAL AND REPLACEMENT OF EXSITING CONCRETE SIDEWALKS AND DRIVEWAYS	SY	\$100.94	\$103.97
G-22	REMOVAL OF EXISTING CONCRETE CURB AND GUTTER (NOT REINSTALLING)	LF	\$3.86	\$3.98
G-23	CONCRETE FILL	CY	\$290.46	\$299.17
G-24	ASPHALT COATINGS	GAL	\$31.67	\$32.62
G-25	ASPHALT PAVEMENT REMOVAL	SY	\$9.27	\$9.55
G-26	TEMPORARY ASPHALT MILLINGS	SY	\$9.27	\$9.55
G-31	ASPHALT MILLING AND REPLACEMENT	CY	\$12.36	\$12.73
G-32-1	ASPHALT PAVEMENT SUPERPAVE 9.5	TN	\$262.65	\$270.53
G-32-2	ASPHALT PAVEMENT SUPERPAVE 12.5	TN	\$262.65	\$270.53
G-33	ROADWAY GUARDRAIL	LF	\$133.90	\$137.92
G-34-1	OBJECT MARKER, TYPE 1	EA	\$217.33	\$223.85
G-34-2	OBJECT MARKER, TYPE 2	EA	\$120.51	\$124.13
G-34-3	OBJECT MARKER, TYPE 3	EA	\$233.81	\$240.82
G-34-4	OBJECT MARKER, TYPE 4	EA	\$217.33	\$223.85
G-35-1	DELINATEATOR, FLEXIBLE TUBULAR	EA	\$117.42	\$120.94
G-35-2	DELINATEATOR, NON-FLEXIBLE	EA	\$113.30	\$116.70
G-35-3	DELINATEATOR, FLEXIBLE HIGH VISIBILTY MEDIAN	EA	\$257.50	\$265.23
G-35-4	DELINATEATOR, FLEXIBLE HIGH PERFORMANCE	EA	\$131.84	\$135.80
G-36	RUMBLE STRIPS	PS	\$324.45	\$334.18
G-37	GROUNDING ELECTRODE	FT	\$80.34	\$82.75
G-38-1	SIGNAL CONDUIT, FURNISH & INSTALL, UNDERGROUND	LF	\$67.98	\$70.02
G-38-2	SIGNAL CONDUIT, FURNISH & INSTALL, SAWCUT & PLACE UNDER EXISTING PAVEMENT	LF	\$247.20	\$254.62
G-38-3	SIGNAL CONDUIT, F & I, UNDERGROUND-JACKED	LF	\$247.20	\$254.62
G-39-1	SPAN WIRE ASSEMBLY, F & I, SINGLE POINT, DIAGONAL	PI	\$8,652.00	\$8,911.56
G-39-2	SPAN WIRE ASSEMBLY, F & I, TWO POINT, DIAGONAL	PI	\$12,360.00	\$12,730.80
G-39-3	SPAN WIRE ASSEMBLY, F & I, TWO POINT, BOX	PI	\$24,720.00	\$25,461.60
G-39-4	SPAN WIRE ASSEMBLY, ADJUST	PI	\$8,034.00	\$8,275.02
G-39-5	SPAN WIRE ASSEMBLY, ADJUST, TWO POINT, BOX	PI	\$15,450.00	\$15,913.50
G-40	PULL & JUNCTION BOX, F & I, PULL BOX	EA	\$6,798.00	\$7,001.94
G-41	PULL & JUNCTION BOXES, INSTALL	EA	\$2,472.00	\$2,546.16
G-42	PULL & JUNCTION BOXES, RELOCATE	EA	\$3,708.00	\$3,819.24
G-52	CONSTRUCTION SURVEY	HR	\$185.40	\$190.96
G-53	ASBUILT DRAWINGS	HR	\$113.30	\$116.70
G-54-1	PIPE HANDRAIL-GUIDERAIL, ALUMINUM	LF	\$1,050.60	\$1,082.12
G-54-2	PEDESTRIAN/BICYCLE, RAILING, ALUMINUM ONLY, 42" PICKET RAIL	LF	\$86.52	\$89.12
G-54-3	PEDESTRIAN/BICYCLE, RAILING, ALUMINUM ONLY, 42" TYPE 1	LF	\$90.64	\$93.36
G-54-4	PIPE HANDRAIL, ALUMINUM	LF	\$52.53	\$54.11
G-55	6" BOLLARDS	EA	\$921.85	\$949.51
G-56	CONCRETE CURB, GUTTER, VALLEY AND DROP CURB (NEW INSTALL)	LF	\$49.44	\$50.92
G-57	CONCRETE CURB, GUTTER, VALLEY AND DROP CURB REMOVAL & REPLACEMENT	LF	\$53.56	\$55.17

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
G-58-1	CONCRETE 3000 PSI	CY	\$290.46	\$299.17
G-58-2	CONCRETE 4000 PSI	CY	\$303.85	\$312.97
G-60-1	PAVERS, ARCHITECTURAL ROADWAY	SY	\$122.57	\$126.25
G-60-2	PAVERS, ARCHITECTURAL SIDEWALK	SY	\$122.57	\$126.25
G-61	CONCRETE CURB RAMPS WITH DETECTABLE WARNING SURFACE - HANDICAP	EA	\$3,708.00	\$3,819.24
G-62	DETECTABLE WARNING ON EXISTING WALKING SURFACE, RETROFIT	EA	\$494.40	\$509.23
G-66	RIP RAP	CY	\$174.07	\$179.29
G-67	CONCRETE RUBBLE (2 FT THICK)	SY	\$92.70	\$95.48
G-75	FARM FENCING REMOVAL & REPLACEMENT	LF	\$28.84	\$29.71
G-78	CHAIN LINK FENCING REMOVAL AND REPLACEMENT	LF	\$43.26	\$44.56
G-79	SEED & MULCH	SY	\$1.55	\$1.60
G-80-1	SOD-ST. AUGUSTINE	SY	\$7.21	\$7.43
G-80-2	SOD-BAHIA	SY	\$4.38	\$4.51
G-88-1	LOOP ASSEMBLY- F & I, TYPE A	EA	\$1,545.00	\$1,591.35
G-88-2	LOOP ASSEMBLY- F & I, TYPE B	EA	\$1,236.00	\$1,273.08
G-88-3	LOOP ASSEMBLY- F & I, TYPE F	EA	\$1,854.00	\$1,909.62
G-89	TRAFFIC CONTROL SIGN ASSEMBLY	EA	\$370.80	\$381.92
G-90	TRAFFIC CONTROL SIGN ASSEMBLY REMOVAL AND RELOCATION	EA	\$92.70	\$95.48
G-91	REFLECTIVE PAVEMENT MARKERS	EA	\$6.44	\$6.63
G-92	STANDARD WHEEL STOPS	EA	\$95.79	\$98.66
G-93-1	TEMPORARY, WHITE, SOLID 6"	LF	\$0.26	\$0.27
G-93-2	TEMPORARY, WHITE, SOLID 12"	LF	\$1.03	\$1.06
G-93-3	TEMPORARY, WHITE, SOLID 24"	LF	\$2.06	\$2.12
G-93-4	TEMPORARY SKIP TRAFFIC STRIPE, YELLOW OR WHITE, 6"	GLF	\$0.52	\$0.54
G-93-5	TEMPORARY SOLID TRAFFIC STRIPE - 6" YELLOW	LF	\$0.31	\$0.32
G-93-6	TEMPORARY SOLID TRAFFIC STRIPE - 6" DOUBLE YELLOW	LF	\$0.52	\$0.54
G-94-1	THERMO, WHITE, SOLID, 6"	LF	\$0.93	\$0.96
G-94-2	THERMO, WHITE, SOLID, 12"	LF	\$2.88	\$2.97
G-94-3	THERMO, WHITE, SOLID, 24"	LF	\$6.95	\$7.16
G-94-4	THERMO SKIP TRAFFIC STRIPE, YELLOW OR WHITE, 6"	GLF	\$1.24	\$1.28
G-94-5	THERMO SOLID TRAFFIC STRIPE - 6" YELLOW	LF	\$0.93	\$0.96
G-94-6	THERMO SOLID TRAFFIC STRIPE - 6" DOUBLE YELLOW	LF	\$1.85	\$1.91
G-95	THERMO PAVEMENT MARKINGS	EA	\$80.34	\$82.75
G-96	PAINTED PAVEMENT MARKINGS	EA	\$48.41	\$49.86
G-97	ARROW BOARDS/MESSAGE BOARDS	DAY	\$103.00	\$106.09
G-98	MISCELLANEOUS UTILTY LOCATES / EXPLORATORY EXCAVATION	HR	\$324.45	\$334.18

WATER CONSTRUCTION (012200-35)

W-01-1	2" PVC WATER MAIN	LF	\$19.57	\$20.16
W-01-2	4" PVC WATER MAIN	LF	\$25.75	\$26.52
W-01-3	6" PVC WATER MAIN	LF	\$33.99	\$35.01
W-01-4	8" PVC WATER MAIN	LF	\$46.35	\$47.74
W-01-5	10" PVC WATER MAIN	LF	\$65.92	\$67.90
W-01-6	12" PVC WATER MAIN	LF	\$87.55	\$90.18
W-01-7	14" PVC WATER MAIN	LF	\$120.51	\$124.13
W-01-8	16" PVC WATER MAIN	LF	\$150.38	\$154.89
W-01-9	18" PVC WATER MAIN	LF	\$182.31	\$187.78
W-01-10	20" PVC WATER MAIN	LF	\$226.60	\$233.40
W-01-11	24" PVC WATER MAIN	LF	\$309.00	\$318.27
W-01-12	4" DIP WATER MAIN	LF	\$66.95	\$68.96
W-01-13	6" DIP WATER MAIN	LF	\$51.50	\$53.05
W-01-14	8" DIP WATER MAIN	LF	\$62.83	\$64.71
W-01-15	10" DIP WATER MAIN	LF	\$77.25	\$79.57
W-01-16	12" DIP WATER MAIN	LF	\$96.82	\$99.72
W-01-17	14" DIP WATER MAIN	LF	\$111.24	\$114.58
W-01-18	16" DIP WATER MAIN	LF	\$134.93	\$138.98
W-01-19	18" DIP WATER MAIN	LF	\$153.47	\$158.07
W-01-20	20" DIP WATER MAIN	LF	\$185.40	\$190.96
W-01-21	24" DIP WATER MAIN	LF	\$218.36	\$224.91
W-01-22	30" DIP WATER MAIN	LF	\$408.91	\$421.18
W-02-1	BACKFLOW PREVENTER 1"	EA	\$1,066.05	\$1,098.03
W-02-2	BACKFLOW PREVENTER 2"	EA	\$2,142.40	\$2,206.67
W-03-1	2" PVC FITTINGS	EA	\$29.87	\$30.77
W-03-2	2" BRASS POLYETHYLENE FITTINGS	EA	\$381.10	\$392.53
W-03-3	DIP MJ FITTINGS 4"	EA	\$365.65	\$376.62
W-03-4	DIP MJ FITTINGS 6"	EA	\$520.12	\$535.72
W-03-5	DIP MJ FITTINGS 8"	EA	\$654.05	\$673.67
W-03-6	DIP MJ FITTINGS 10"	EA	\$906.40	\$933.59

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
W-03-7	DIP MJ FITTINGS 12"	EA	\$1,081.50	\$1,113.95
W-03-8	DIP MJ FITTINGS 14"	EA	\$1,642.85	\$1,692.14
W-03-9	DIP MJ FITTINGS 16"	EA	\$2,188.75	\$2,254.41
W-03-10	DIP MJ FITTINGS 18"	EA	\$2,781.00	\$2,864.43
W-03-11	DIP MJ FITTINGS 20"	EA	\$3,769.80	\$3,882.89
W-03-12	DIP MJ FITTINGS 24"	EA	\$5,901.90	\$6,078.96
W-03-13	DIP MJ FITTINGS 30"	EA	\$9,980.70	\$10,280.12
W-03-14	DIP MJ CROSS 4"	EA	\$710.70	\$732.02
W-03-15	DIP MJ CROSS 6"	EA	\$916.70	\$944.20
W-03-16	DIP MJ CROSS 8"	EA	\$1,076.35	\$1,108.64
W-03-17	DIP MJ CROSS 10"	EA	\$1,581.05	\$1,628.48
W-03-18	DIP MJ CROSS 12"	EA	\$2,080.60	\$2,143.02
W-03-19	DIP MJ CROSS 14"	EA	\$3,332.05	\$3,432.01
W-03-20	DIP MJ CROSS 16"	EA	\$4,830.70	\$4,975.62
W-03-21	DIP MJ CROSS 18"	EA	\$5,974.00	\$6,153.22
W-03-22	DIP MJ CROSS 20"	EA	\$8,605.65	\$8,863.82
W-03-23	DIP MJ CROSS 24"	EA	\$10,686.25	\$11,006.84
W-03-24	DIP MJ CROSS 30"	EA	\$19,703.90	\$20,295.02
W-04-1	4" PIPE JOINT RESTRAINT	EA	\$97.85	\$100.79
W-04-2	6" PIPE JOINT RESTRAINT	EA	\$123.60	\$127.31
W-04-3	8" PIPE JOINT RESTRAINT	EA	\$180.25	\$185.66
W-04-4	10" PIPE JOINT RESTRAINT	EA	\$278.10	\$286.44
W-04-5	12" PIPE JOINT RESTRAINT	EA	\$309.00	\$318.27
W-04-6	14" PIPE JOINT RESTRAINT	EA	\$628.30	\$647.15
W-04-7	16" PIPE JOINT RESTRAINT	EA	\$679.80	\$700.19
W-04-8	18" PIPE JOINT RESTRAINT	EA	\$834.30	\$859.33
W-04-9	20" PIPE JOINT RESTRAINT	EA	\$1,241.15	\$1,278.38
W-04-10	24" PIPE JOINT RESTRAINT	EA	\$1,972.45	\$2,031.62
W-05-1	2" GATE VALVE W/SST STEM & VALVE BOX	EA	\$1,050.60	\$1,082.12
W-05-2	4" GATE VALVE W/SST STEM & VALVE BOX	EA	\$1,405.95	\$1,448.13
W-05-3	6" GATE VALVE W/SST STEM & VALVE BOX	EA	\$1,709.80	\$1,761.09
W-05-4	8" GATE VALVE W/SST STEM & VALVE BOX	EA	\$2,338.10	\$2,408.24
W-05-5	12" BUTTERFLY VALVE & VALVE BOX	EA	\$3,007.60	\$3,097.83
W-05-6	16" BUTTERFLY VALVE & VALVE BOX	EA	\$5,165.45	\$5,320.41
W-05-7	18" BUTTERFLY VALVE & VALVE BOX	EA	\$6,329.35	\$6,519.23
W-05-8	24" BUTTERFLY VALVE & VALVE BOX	EA	\$11,319.70	\$11,659.29
W-05-9	4" INSERT - A - VALVE	EA	\$7,869.20	\$8,105.28
W-05-10	6" INSERT - A - VALVE	EA	\$9,115.50	\$9,388.97
W-05-11	8" INSERT - A - VALVE	EA	\$10,423.60	\$10,736.31
W-05-12	10" INSERT - A - VALVE	EA	\$15,614.80	\$16,083.24
W-05-13	12" INSERT - A - VALVE	EA	\$19,425.80	\$20,008.57
W-05-14	14" INSERT - A - VALVE	EA	\$36,348.70	\$37,439.16
W-05-15	16" INSERT - A - VALVE	EA	\$38,831.00	\$39,995.93
W-08-1	2" LINE STOP	EA	\$1,596.50	\$1,644.40
W-08-2	4" LINE STOP	EA	\$6,581.70	\$6,779.15
W-08-3	6" LINE STOP	EA	\$6,695.00	\$6,895.85
W-08-4	8" LINE STOP	EA	\$7,900.10	\$8,137.10
W-08-5	10" LINE STOP	EA	\$10,320.60	\$10,630.22
W-08-6	12" LINE STOP	EA	\$11,566.90	\$11,913.91
W-08-7	14" LINE STOP	EA	\$16,160.70	\$16,645.52
W-08-8	16" LINE STOP	EA	\$18,776.90	\$19,340.21
W-08-9	18" LINE STOP	EA	\$20,692.70	\$21,313.48
W-08-10	20" LINE STOP	EA	\$22,958.70	\$23,647.46
W-08-11	24" LINE STOP	EA	\$29,293.20	\$30,172.00
W-09-1	FIRE HYDRANT ASSEMBLY ON 6" MAIN - TYPE A	EA	\$6,159.40	\$6,344.18
W-09-2	FIRE HYDRANT ASSEMBLY ON 8" MAIN - TYPE A	EA	\$6,118.20	\$6,301.75
W-09-3	FIRE HYDRANT ASSEMBLY ON 10" MAIN - TYPE A	EA	\$6,344.80	\$6,535.14
W-09-4	FIRE HYDRANT ASSEMBLY ON 12" MAIN - TYPE A	EA	\$6,653.80	\$6,853.41
W-09-5	FIRE HYDRANT ASSEMBLY ON 16" MAIN - TYPE A	EA	\$7,570.50	\$7,797.62
W-09-6	FIRE HYDRANT ASSEMBLY ON 6" MAIN - TYPE B	EA	\$6,622.90	\$6,821.59
W-09-7	FIRE HYDRANT ASSEMBLY ON 8" MAIN - TYPE B	EA	\$6,746.50	\$6,948.90
W-09-8	FIRE HYDRANT ASSEMBLY ON 10" MAIN - TYPE B	EA	\$7,004.00	\$7,214.12
W-09-9	FIRE HYDRANT ASSEMBLY ON 12" MAIN - TYPE B	EA	\$7,158.50	\$7,373.26
W-09-10	FIRE HYDRANT ASSEMBLY ON 16" MAIN - TYPE B	EA	\$8,260.60	\$8,508.42
W-10	REMOVE AND REPLACE EXISTING FIRE HYDRANTS	EA	\$4,779.20	\$4,922.58
W-11-1	REMOVE FIRE HYDRANTS	EA	\$978.50	\$1,007.86
W-11-2	REMOVE AND RELOCATE EXISTING FIRE HYDRANTS	EA	\$1,709.80	\$1,761.09

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
W-12-1	FIRE HYDRANT 6" EXTENSION	EA	\$1,153.60	\$1,188.21
W-12-2	FIRE HYDRANT 12" EXTENSION	EA	\$1,153.60	\$1,188.21
W-12-3	FIRE HYDRANT 18" EXTENSION	EA	\$1,524.40	\$1,570.13
W-12-4	FIRE HYDRANT 24" EXTENSION	EA	\$1,730.40	\$1,782.31
W-14-1	1" SINGLE WATER SERVICE – SHORT	EA	\$726.15	\$747.93
W-14-2	1" SINGLE WATER SERVICE – LONG	EA	\$1,390.50	\$1,432.22
W-14-3	1" DOUBLE WATER SERVICE – SHORT	EA	\$1,024.85	\$1,055.60
W-14-4	1" DOUBLE WATER SERVICE LONG	EA	\$1,699.50	\$1,750.49
W-14-5	2" SINGLE WATER SERVICE – SHORT	EA	\$3,007.60	\$3,097.83
W-14-6	2" SINGLE WATER SERVICE – LONG	EA	\$3,841.90	\$3,957.16
W-14-7	2" DOUBLE WATER SERVICE – SHORT	EA	\$4,109.70	\$4,232.99
W-14-8	2" DOUBLE WATER SERVICE – LONG	EA	\$4,974.90	\$5,124.15
W-15-1	REMOVE & REPLACE 1" SINGLE WATER SERVICE – SHORT	EA	\$875.50	\$901.77
W-15-2	REMOVE & REPLACE 1" SINGLE WATER SERVICE – LONG	EA	\$1,936.40	\$1,994.49
W-15-3	REMOVE & REPLACE 1" DOUBLE WATER SERVICE – SHORT	EA	\$1,297.80	\$1,336.73
W-15-4	REMOVE & REPLACE 1" DOUBLE WATER SERVICE – LONG	EA	\$2,266.00	\$2,333.98
W-15-5	REMOVE & REPLACE 2" SINGLE WATER SERVICE – SHORT	EA	\$3,399.00	\$3,500.97
W-15-6	REMOVE & REPLACE 2" SINGLE WATER SERVICE – LONG	EA	\$4,542.30	\$4,678.57
W-15-7	REMOVE & REPLACE 2" DOUBLE WATER SERVICE – SHORT	EA	\$4,562.90	\$4,699.79
W-15-8	REMOVE & REPLACE 2" DOUBLE WATER SERVICE – LONG	EA	\$5,737.10	\$5,909.21
W-16-1	2" TAP ON EXISTING 4" WATER MAIN W/VALVE & SST STEM	EA	\$1,328.70	\$1,368.56
W-16-2	2" TAP ON EXISTING 6" WATER MAIN W/VALVE & SST STEM	EA	\$1,339.00	\$1,379.17
W-16-3	2" TAP ON EXISTING 8" WATER MAIN W/VALVE & SST STEM	EA	\$1,349.30	\$1,389.78
W-16-4	2" TAP ON EXISTING 10" WATER MAIN W/VALVE & SST STEM	EA	\$1,369.90	\$1,411.00
W-16-5	2" TAP ON EXISTING 12" WATER MAIN W/VALVE & SST STEM	EA	\$1,545.00	\$1,591.35
W-16-6	2" TAP ON EXISTING 14" WATER MAIN W/VALVE & SST STEM	EA	\$1,596.50	\$1,644.40
W-16-7	2" TAP ON EXISTING 16" WATER MAIN W/VALVE & SST STEM	EA	\$1,617.10	\$1,665.61
W-16-8	2" TAP ON EXISTING 18" WATER MAIN W/VALVE & SST STEM	EA	\$1,730.40	\$1,782.31
W-16-9	2" TAP ON EXISTING 20" WATER MAIN W/VALVE & SST STEM	EA	\$1,751.00	\$1,803.53
W-16-10	2" TAP ON EXISTING 24" WATER MAIN W/VALVE & SST STEM	EA	\$1,854.00	\$1,909.62
W-16-11	4" TAP ON EXISTING 6" WATER MAIN W/VALVE & SST STEM	EA	\$3,471.10	\$3,575.23
W-16-12	4" TAP ON EXISTING 8" WATER MAIN W/VALVE & SST STEM	EA	\$3,481.40	\$3,585.84
W-16-13	4" TAP ON EXISTING 10" WATER MAIN W/VALVE & SST STEM	EA	\$3,563.80	\$3,670.71
W-16-14	4" TAP ON EXISTING 12" WATER MAIN W/VALVE & SST STEM	EA	\$3,512.30	\$3,617.67
W-16-15	4" TAP ON EXISTING 14" WATER MAIN W/VALVE & SST STEM	EA	\$4,223.00	\$4,349.69
W-16-16	4" TAP ON EXISTING 16" WATER MAIN W/VALVE & SST STEM	EA	\$4,573.20	\$4,710.40
W-16-17	4" TAP ON EXISTING 18" WATER MAIN W/VALVE & SST STEM	EA	\$4,665.90	\$4,805.88
W-16-18	4" TAP ON EXISTING 20" WATER MAIN W/VALVE & SST STEM	EA	\$5,005.80	\$5,155.97
W-16-19	4" TAP ON EXISTING 24" WATER MAIN W/VALVE & SST STEM	EA	\$5,160.30	\$5,315.11
W-16-20	6" TAP ON EXISTING 6" WATER MAIN W/VALVE & SST STEM	EA	\$4,037.60	\$4,158.73
W-16-21	6" TAP ON EXISTING 8" WATER MAIN W/VALVE & SST STEM	EA	\$4,089.10	\$4,211.77
W-16-22	6" TAP ON EXISTING 10" WATER MAIN W/VALVE & SST STEM	EA	\$4,130.30	\$4,254.21
W-16-23	6" TAP ON EXISTING 12" WATER MAIN W/VALVE & SST STEM	EA	\$4,243.60	\$4,370.91
W-16-24	6" TAP ON EXISTING 14" WATER MAIN W/VALVE & SST STEM	EA	\$4,830.70	\$4,975.62
W-16-25	6" TAP ON EXISTING 16" WATER MAIN W/VALVE & SST STEM	EA	\$5,139.70	\$5,293.89
W-16-26	6" TAP ON EXISTING 18" WATER MAIN W/VALVE & SST STEM	EA	\$5,222.10	\$5,378.76
W-16-27	6" TAP ON EXISTING 20" WATER MAIN W/VALVE & SST STEM	EA	\$5,572.30	\$5,739.47
W-16-28	6" TAP ON EXISTING 24" WATER MAIN W/VALVE & SST STEM	EA	\$5,726.80	\$5,898.60
W-16-29	8" TAP ON EXISTING 8" WATER MAIN W/VALVE & SST STEM	EA	\$4,501.10	\$4,636.13
W-16-30	8" TAP ON EXISTING 10" WATER MAIN W/VALVE & SST STEM	EA	\$4,511.40	\$4,646.74
W-16-31	8" TAP ON EXISTING 12" WATER MAIN W/VALVE & SST STEM	EA	\$4,593.80	\$4,731.61
W-16-32	8" TAP ON EXISTING 14" WATER MAIN W/VALVE & SST STEM	EA	\$5,479.60	\$5,643.99
W-16-33	8" TAP ON EXISTING 16" WATER MAIN W/VALVE & SST STEM	EA	\$5,613.50	\$5,781.91
W-16-34	8" TAP ON EXISTING 18" WATER MAIN W/VALVE & SST STEM	EA	\$5,726.80	\$5,898.60
W-16-35	8" TAP ON EXISTING 20" WATER MAIN W/VALVE & SST STEM	EA	\$6,190.30	\$6,376.01
W-16-36	8" TAP ON EXISTING 24" WATER MAIN W/VALVE & SST STEM	EA	\$6,170.00	\$6,355.10
W-16-37	12" TAP ON EXISTING 12" WATER MAIN W/VALVE & SST STEM	EA	\$9,002.20	\$9,272.27
W-16-38	12" TAP ON EXISTING 14" WATER MAIN W/VALVE & SST STEM	EA	\$9,908.60	\$10,205.86
W-16-39	12" TAP ON EXISTING 16" WATER MAIN W/VALVE & SST STEM	EA	\$10,052.80	\$10,354.38
W-16-40	12" TAP ON EXISTING 18" WATER MAIN W/VALVE & SST STEM	EA	\$10,186.70	\$10,492.30
W-16-41	12" TAP ON EXISTING 20" WATER MAIN W/VALVE & SST STEM	EA	\$10,712.00	\$11,033.36
W-16-42	12" TAP ON EXISTING 24" WATER MAIN W/VALVE & SST STEM	EA	\$10,897.40	\$11,224.32
W-16-43	16" TAP ON EXISTING 16" WATER MAIN W/VALVE & SST STEM	EA	\$17,788.10	\$18,321.74
W-16-44	16" TAP ON EXISTING 18" WATER MAIN W/VALVE & SST STEM	EA	\$17,283.40	\$17,801.90
W-16-45	16" TAP ON EXISTING 20" WATER MAIN W/VALVE & SST STEM	EA	\$18,601.80	\$19,159.85
W-16-46	16" TAP ON EXISTING 24" WATER MAIN W/VALVE	EA	\$18,673.90	\$19,234.12
W-17-1	BORE & JACK 18" STEEL CASING W/8" PVC	LF	\$1,215.40	\$1,251.86

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
W-17-2	BORE & JACK 18" STEEL CASING W/8" DIP	LF	\$1,236.00	\$1,273.08
W-17-3	BORE & JACK 24" STEEL CASING W/12" PVC	LF	\$1,266.90	\$1,304.91
W-17-4	BORE & JACK 24" STEEL CASING W/12" DIP	LF	\$1,277.20	\$1,315.52
W-17-5	BORE & JACK 30" STEEL CASING W/16" PVC	LF	\$1,390.50	\$1,432.22
W-17-6	BORE & JACK 30" STEEL CASING W/16" DIP	LF	\$1,375.05	\$1,416.30
W-17-7	BORE & JACK 30" STEEL CASING W/ 18" PVC	LF	\$1,442.00	\$1,485.26
W-17-8	BORE & JACK 30" STEEL CASING W/ 18" DIP	LF	\$1,411.10	\$1,453.43
W-18-1	DIRECTIONAL BORE 2" HDPE PIPE	LF	\$23.04	\$23.73
W-18-2	DIRECTIONAL BORE 4" HDPE PIPE	LF	\$49.07	\$50.54
W-18-3	DIRECTIONAL BORE 6" HDPE PIPE	LF	\$61.68	\$63.53
W-18-4	DIRECTIONAL BORE 8" HDPE PIPE	LF	\$78.96	\$81.33
W-18-5	DIRECTIONAL BORE 10" HDPE PIPE	LF	\$93.36	\$96.16
W-18-6	DIRECTIONAL BORE 12" HDPE PIPE	LF	\$127.31	\$131.13
W-18-7	DIRECTIONAL BORE 14" HDPE PIPE	LF	\$169.74	\$174.83
W-18-8	DIRECTIONAL BORE 16" HDPE PIPE	LF	\$201.57	\$207.62
W-18-9	DIRECTIONAL BORE 18" HDPE PIPE	LF	\$270.53	\$278.65
W-18-10	DIRECTIONAL BORE 2" PVC PIPE	LF	\$25.22	\$25.98
W-18-11	DIRECTIONAL BORE 4" PVC PIPE	LF	\$52.31	\$53.88
W-18-12	DIRECTIONAL BORE 6" PVC PIPE	LF	\$71.29	\$73.43
W-18-13	DIRECTIONAL BORE 8" PVC PIPE	LF	\$97.05	\$99.96
W-18-14	DIRECTIONAL BORE 10" PVC PIPE	LF	\$123.06	\$126.75
W-18-15	DIRECTIONAL BORE 12" PVC PIPE	LF	\$169.74	\$174.83
W-18-16	DIRECTIONAL BORE 16" PVC PIPE	LF	\$286.44	\$295.03
W-19	BLOW-OFF ASSEMBLY ON WATER MAIN	EA	\$2,410.20	\$2,482.51
W-20-1	ADJUST EXISTING VALVE BOX	EA	\$556.20	\$572.89
W-20-2	ADJUST EXISTING METER BOX	EA	\$386.25	\$397.84
W-21-1	TEMPORARY JUMPER CONNECTION	EA	\$2,518.35	\$2,593.90
W-22-2	ABANDON WATER SERVICE	EA	\$442.90	\$456.19
W-22-3	ABANDON WATER MAIN	LS	\$2,945.80	\$3,034.17

SANITARY SEWER CONSTRUCTION (012200-42)

S-01-1	6" PVC, 0' - 6'	LF	\$39.14	\$40.31
S-01-2	6" PVC, 6' - 12'	LF	\$46.35	\$47.74
S-01-3	6" PVC, 12' - 18'	LF	\$81.37	\$83.81
S-01-4	6" PVC, 18' - 24'	LF	\$162.74	\$167.62
S-01-5	8" PVC, 0' - 6'	LF	\$50.47	\$51.98
S-01-6	8" PVC, 6' - 12'	LF	\$56.65	\$58.35
S-01-7	8" PVC, 12' - 18'	LF	\$91.67	\$94.42
S-01-8	8" PVC, 18' - 24'	LF	\$173.04	\$178.23
S-01-9	10" PVC, 0' - 6'	LF	\$60.77	\$62.59
S-01-10	10" PVC, 6' - 12'	LF	\$67.98	\$70.02
S-01-11	10" PVC, 12' - 18'	LF	\$105.06	\$108.21
S-01-12	10" PVC, 18' - 24'	LF	\$190.55	\$196.27
S-01-13	12" PVC, 0' - 6'	LF	\$75.19	\$77.45
S-01-14	12" PVC, 6' - 12'	LF	\$82.40	\$84.87
S-01-15	12" PVC, 12' - 18'	LF	\$121.54	\$125.19
S-01-16	12" PVC, 18' - 24'	LF	\$211.15	\$217.48
S-02-1	SEWER MANHOLE W/EPOXY, 0' - 6'	EA	\$5,035.00	\$5,186.05
S-02-2	SEWER MANHOLE W/EPOXY, 6' - 12'	EA	\$6,678.00	\$6,878.34
S-02-3	SEWER MANHOLE W/EPOXY, 12' - 18'	EA	\$11,198.00	\$11,533.94
S-02-4	SEWER MANHOLE W/EPOXY, 18' - 24'	EA	\$16,395.00	\$16,886.85
S-02-5	SEWER MANHOLE W/HDPE LINER, 0' - 6'	EA	\$9,735.00	\$10,027.05
S-02-6	SEWER MANHOLE W/HDPE LINER, 6' - 12'	EA	\$12,345.00	\$12,715.35
S-02-7	SEWER MANHOLE W/HDPE LINER, 12' - 18'	EA	\$20,368.00	\$20,979.04
S-02-8	SEWER MANHOLE W/HDPE LINER, 18' - 24'	EA	\$26,625.00	\$27,423.75
S-02-9	SEWER MANHOLE OVER EXISTING PIPE, 0' - 6'	EA	\$5,860.00	\$6,035.80
S-02-10	SEWER MANHOLE OVER EXISTING PIPE, 6' - 12'	EA	\$7,503.00	\$7,728.09
S-02-11	SEWER MANHOLE OVER EXISTING PIPE, 12' - 18'	EA	\$12,123.00	\$12,486.69
S-02-12	SEWER MANHOLE OVER EXISTING PIPE, 18' - 24'	EA	\$17,320.00	\$17,839.60
S-02-13	SEWER MANHOLE OVER EXISTING PIPE WITH HDPE LINER, 0' - 6'	EA	\$10,585.00	\$10,902.55
S-02-14	SEWER MANHOLE OVER EXISTING PIPE WITH HDPE LINER, 6' - 12'	EA	\$13,195.00	\$13,590.85
S-02-15	SEWER MANHOLE OVER EXISTING PIPE WITH HDPE LINER, 12' - 18'	EA	\$21,318.00	\$21,957.54
S-02-16	SEWER MANHOLE OVER EXISTING PIPE WITH HDPE LINER, 18' - 24'	EA	\$27,575.00	\$28,402.25
S-02-17	CONFLICT MANHOLE, 0' - 6'	EA	\$6,710.00	\$6,911.30
S-02-18	CONFLICT MANHOLE, 6' - 12'	EA	\$8,353.00	\$8,603.59
S-02-19	CONFLICT MANHOLE, 12' - 18'	EA	\$13,073.00	\$13,465.19
S-02-20	CONFLICT MANHOLE, 18' - 24'	EA	\$18,270.00	\$18,818.10
S-02-21	REMOVE & REPLACE SEWER MANHOLE, 0' - 6'	EA	\$5,860.00	\$6,035.80

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
S-02-22	REMOVE & REPLACE SEWER MANHOLE, 6' – 12'	EA	\$7,728.00	\$7,959.84
S-02-23	REMOVE & REPLACE SEWER MANHOLE, 12' – 18'	EA	\$13,073.00	\$13,465.19
S-02-24	REMOVE & REPLACE INVERTS IN EXISTING MANHOLE	EA	\$1,004.25	\$1,034.38
S-02-25	CORE & CONNECT TO EXISTING MANHOLE 4" - 12"	EA	\$2,575.00	\$2,652.25
S-03-1	REMOVE EXISTING 22" RING & COVER & REPLACE WITH 24" HINGED RING & COVER	EA	\$1,699.50	\$1,750.49
S-03-2	REMOVE EXISTING 32" RING & COVER & REPLACE WITH 32" HINGED RING & COVER	EA	\$3,079.70	\$3,172.09
S-03-3	REMOVE EXISTING 22" RING & COVER & REPLACE WITH 24" HINGED RING & COVER, LABOR ONLY	EA	\$834.30	\$859.33
S-03-4	REMOVE EXISTING 32" RING & COVER & REPLACE WITH 32" HINGED RING & COVER, LABOR ONLY	EA	\$834.30	\$859.33
S-05	ADJUST EXISTING MANHOLE RING & COVER TO GRADE	EA	\$834.30	\$859.33
S-06-1	6" SEWER SERVICE DROP CONNECTION, 0' – 6'	EA	\$2,394.75	\$2,466.59
S-06-2	6" SEWER SERVICE DROP CONNECTION, 6" – 12'	EA	\$3,914.00	\$4,031.42
S-06-3	6" SEWER SERVICE DROP CONNECTION, 12' – 18'	EA	\$5,871.00	\$6,047.13
S-06-4	6" SEWER SERVICE DROP CONNECTION, 18' – 24'	EA	\$7,828.00	\$8,062.84
S-06-5	8" SEWER MANHOLE DROP CONNECTION, 0' – 6'	EA	\$2,703.75	\$2,784.86
S-06-6	8" SEWER MANHOLE DROP CONNECTION, 6" – 12'	EA	\$4,274.50	\$4,402.74
S-06-7	8" SEWER MANHOLE DROP CONNECTION, 12' – 18'	EA	\$6,283.00	\$6,471.49
S-06-8	8" SEWER MANHOLE DROP CONNECTION, 18' – 24'	EA	\$8,291.50	\$8,540.25
S-06-9	10" SEWER MANHOLE DROP CONNECTION, 0' – 6'	EA	\$3,193.00	\$3,288.79
S-06-10	10" SEWER MANHOLE DROP CONNECTION, 6' – 12'	EA	\$4,815.25	\$4,959.71
S-06-11	10" SEWER MANHOLE DROP CONNECTION, 12' – 18'	EA	\$6,875.25	\$7,081.51
S-06-12	10" SEWER MANHOLE DROP CONNECTION, 18' – 24'	EA	\$8,935.25	\$9,203.31
S-06-13	12" SEWER MANHOLE DROP CONNECTION, 0' – 6'	EA	\$3,759.50	\$3,872.29
S-06-14	12" SEWER MANHOLE DROP CONNECTION, 6' – 12'	EA	\$5,896.75	\$6,073.65
S-06-15	12" SEWER MANHOLE DROP CONNECTION, 12' – 18'	EA	\$7,596.25	\$7,824.14
S-06-16	12" SEWER MANHOLE DROP CONNECTION, 18' – 24'	EA	\$9,733.50	\$10,025.51
S-07	RESURFACE EXISTING MANHOLES	VFT	\$561.35	\$578.19
S-09-1	6" 2-WAY CLEANOUT, 0' – 6'	EA	\$633.45	\$652.45
S-09-2	6" 2-WAY CLEANOUT, 6' – 12'	EA	\$896.10	\$922.98
S-09-3	6" 2-WAY CLEANOUT, 12' – 18'	EA	\$1,349.30	\$1,389.78
S-09-4	8" 2-WAY CLEANOUT, 0' – 6'	EA	\$1,138.15	\$1,172.29
S-09-5	8" 2-WAY CLEANOUT, 6' – 12'	EA	\$1,395.65	\$1,437.52
S-09-6	8" 2-WAY CLEANOUT, 12' – 18'	EA	\$1,848.85	\$1,904.32
S-10-1	8" X 6" PVC WYE & BEND	EA	\$216.30	\$222.79
S-10-2	10" X 6" PVC WYE & BEND	EA	\$386.25	\$397.84
S-10-3	12" X 6" PVC WYE & BEND	EA	\$504.70	\$519.84
S-11	6" PVC SEWER SERVICE	LF	\$39.14	\$40.31
S-12	TELEVISION INSPECTION – SEWER MAIN EXPORATION (OTHER PURPOSES THAN ITEMS B1 - F16)	LF	\$2.58	\$2.66
S-15-1	SEWER MAIN POINT REPAIRS 6" MAIN 0' – 6'	LF	\$1,977.60	\$2,036.93
S-15-2	SEWER MAIN POINT REPAIRS 6" MAIN 6' – 12'	LF	\$2,837.65	\$2,922.78
S-15-3	SEWER MAIN POINT REPAIRS 6" MAIN 12' – 18'	LF	\$4,557.75	\$4,694.48
S-15-4	SEWER MAIN POINT REPAIRS 8" MAIN 0' – 6'	LF	\$2,157.85	\$2,222.59
S-15-5	SEWER MAIN POINT REPAIRS 8" MAIN 6' – 12'	LF	\$3,023.05	\$3,113.74
S-15-6	SEWER MAIN POINT REPAIRS 8" MAIN 12' – 18'	LF	\$4,743.15	\$4,885.44
S-15-7	SEWER MAIN POINT REPAIRS 8" MAIN 18' – 24'	LF	\$9,048.55	\$9,320.01
S-15-8	SEWER MAIN POINT REPAIRS 10" MAIN 0' – 6'	LF	\$2,472.00	\$2,546.16
S-15-9	SEWER MAIN POINT REPAIRS 10" MAIN 6' – 12'	LF	\$3,332.05	\$3,432.01
S-15-10	SEWER MAIN POINT REPAIRS 10" MAIN 12' – 18'	LF	\$5,052.15	\$5,203.71
S-15-11	SEWER MAIN POINT REPAIRS 10" MAIN 18' – 24'	LF	\$9,357.55	\$9,638.28
S-15-12	SEWER MAIN POINT REPAIRS 12" MAIN 0' – 6'	LF	\$3,661.65	\$3,771.50
S-15-13	SEWER MAIN POINT REPAIRS 12" MAIN 6' – 12'	LF	\$5,381.75	\$5,543.20
S-15-14	SEWER MAIN POINT REPAIRS 12" MAIN 12' – 18'	LF	\$7,107.00	\$7,320.21
S-15-15	SEWER MAIN POINT REPAIRS 12" MAIN 18' – 24'	LF	\$10,552.35	\$10,868.92
S-16-1	BYPASS PUMPING, 0 – 250 GPM	DAY	\$8,193.65	\$8,439.46
S-16-2	BYPASS PUMPING, 250 – 500 GPM	DAY	\$8,409.95	\$8,662.25
S-16-3	BYPASS PUMPING, 500 – 750 GPM	DAY	\$15,280.05	\$15,738.45
S-16-4	BYPASS PUMPING, 750 – 1,000 GPM	DAY	\$16,140.10	\$16,624.30
S-17-1	BORE & JACK 18" STEEL CASING W/ 6" PVC	LF	\$1,199.95	\$1,235.95
S-17-2	BORE & JACK 18" STEEL CASING W/ 8" PVC	LF	\$1,215.40	\$1,251.86
S-17-3	BORE & JACK 24" STEEL CASING W/ 8" PVC	LF	\$1,230.85	\$1,267.78
S-17-4	BORE & JACK 24" STEEL CASING W/ 10" PVC	LF	\$1,251.45	\$1,288.99
S-17-5	BORE & JACK 24" STEEL CASING W/ 12" PVC	LF	\$1,266.90	\$1,304.91
S-17-6	BORE & JACK 30" STEEL CASING W/ 12" PVC	LF	\$1,308.10	\$1,347.34
S-18-1	DIRECTIONAL BORE 2" HDPE PIPE	LF	\$23.04	\$23.73

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
S-18-2	DIRECTIONAL BORE 4" HDPE PIPE	LF	\$49.07	\$50.54
S-18-3	DIRECTIONAL BORE 6" HDPE PIPE	LF	\$61.68	\$63.53
S-18-4	DIRECTIONAL BORE 8" HDPE PIPE	LF	\$78.96	\$81.33
S-18-5	DIRECTIONAL BORE 10" HDPE PIPE	LF	\$93.36	\$96.16
S-18-6	DIRECTIONAL BORE 12" HDPE PIPE	LF	\$127.31	\$131.13
S-18-7	DIRECTIONAL BORE 14" HDPE PIPE	LF	\$196.74	\$202.64
S-18-8	DIRECTIONAL BORE 16" HDPE PIPE	LF	\$201.57	\$207.62
S-18-9	DIRECTIONAL BORE 18" HDPE PIPE	LF	\$270.53	\$278.65
S-19-1	ABANDON SANITARY SEWER MAIN	LS	\$2,708.90	\$2,790.17
S-19-2	ABANDON AND REMOVE SANITARY SEWER MANHOLE	EA	\$1,725.25	\$1,777.01
S-19-3	ABANDON SANITARY SEWER FORCEMAIN	LS	\$2,945.80	\$3,034.17
S-19-4	FORCE MAIN GROUTING	CY	\$310.03	\$319.33
S-21-1	4" HDPE FORCE MAIN RISER PIPE REPLACEMENT AT LIFT STATION	LF	\$504.70	\$519.84
S-21-2	6" HDPE FORCE MAIN RISER PIPE REPLACEMENT AT LIFT STATION	LF	\$540.75	\$556.97
S-21-3	8" HDPE FORCE MAIN RISER PIPE REPLACEMENT AT LIFT STATION	LF	\$643.75	\$663.06
S-21-4	10" HDPE FORCE MAIN RISER PIPE REPLACEMENT AT LIFT STATION	LF	\$746.75	\$769.15
S-21-5	12" HDPE FORCE MAIN RISER PIPE REPLACEMENT AT LIFT STATION	LF	\$860.05	\$885.85
S-22-1	2" PVC FORCE MAIN	LF	\$18.54	\$19.10
S-22-2	4" PVC FORCE MAIN	LF	\$25.75	\$26.52
S-22-3	6" PVC FORCE MAIN	LF	\$33.99	\$35.01
S-22-4	8" PVC FORCE MAIN	LF	\$46.35	\$47.74
S-22-5	10" PVC FORCE MAIN	LF	\$65.92	\$67.90
S-22-6	12" PVC FORCE MAIN	LF	\$87.55	\$90.18
S-22-7	16" PVC FORCE MAIN	LF	\$149.35	\$153.83
S-22-8	18" PVC FORCE MAIN	LF	\$182.31	\$187.78
S-22-9	24" PVC FORCE MAIN	LF	\$309.00	\$318.27
S-22-10	4" DIP FORCE MAIN	LF	\$91.67	\$94.42
S-22-11	6" DIP FORCE MAIN	LF	\$76.22	\$78.51
S-22-12	8" DIP FORCE MAIN	LF	\$93.73	\$96.54
S-22-13	12" DIP FORCE MAIN	LF	\$139.05	\$143.22
S-22-14	16" DIP FORCE MAIN	LF	\$187.46	\$193.08
S-22-15	18" DIP FORCE MAIN	LF	\$217.33	\$223.85
S-22-16	24" DIP FORCE MAIN	LF	\$298.70	\$307.66
S-22-17	30" DIP FORCE MAIN	LF	\$494.40	\$509.23
S-23-1	2" PVC SCH 80 FITTINGS	EA	\$29.87	\$30.77
S-23-2	DIP MJ FITTINGS, 4"	EA	\$602.55	\$620.63
S-23-3	DIP MJ FITTINGS, 6"	EA	\$854.90	\$880.55
S-23-4	DIP MJ FITTINGS, 8"	EA	\$1,112.40	\$1,145.77
S-23-5	DIP MJ FITTINGS, 10"	EA	\$1,586.20	\$1,633.79
S-23-6	DIP MJ FITTINGS, 12"	EA	\$1,884.90	\$1,941.45
S-23-7	DIP MJ FITTINGS, 16"	EA	\$3,388.70	\$3,490.36
S-23-8	DIP MJ FITTINGS, 18"	EA	\$4,815.25	\$4,959.71
S-23-9	DIP MJ FITTINGS, 24"	EA	\$9,342.10	\$9,622.36
S-23-10	DIP MJ FITTINGS, 30"	EA	\$15,825.95	\$16,300.73
S-25-1	4" PLUG VALVE & VALVE BOX	EA	\$1,792.20	\$1,845.97
S-25-2	6" PLUG VALVE & VALVE BOX	EA	\$2,204.20	\$2,270.33
S-25-3	8" PLUG VALVE & VALVE BOX	EA	\$2,940.65	\$3,028.87
S-25-4	10" PLUG VALVE & VALVE BOX	EA	\$3,811.00	\$3,925.33
S-25-5	12" PLUG VALVE & VALVE BOX	EA	\$4,665.90	\$4,805.88
S-25-6	16" PLUG VALVE & VALVE BOX	EA	\$10,222.75	\$10,529.43
S-25-7	18" PLUG VALVE & VALVE BOX	EA	\$12,602.05	\$12,980.11
S-25-8	24" PLUG VALVE & VALVE BOX	EA	\$22,459.15	\$23,132.92
S-25-9	4" FLANGED PLUG VALVE	EA	\$1,096.95	\$1,129.86
S-25-10	6" FLANGED PLUG VALVE	EA	\$1,581.05	\$1,628.48
S-25-11	8" FLANGED PLUG VALVE	EA	\$2,178.45	\$2,243.80
S-25-12	10" FLANGED PLUG VALVE	EA	\$3,496.85	\$3,601.76
S-25-13	12" FLANGED PLUG VALVE	EA	\$4,341.45	\$4,471.69
S-25-14	4" FLANGED CHECK VALVE	EA	\$1,328.70	\$1,368.56
S-25-15	6" FLANGED CHECK VALVE	EA	\$2,070.30	\$2,132.41
S-25-16	8" FLANGED CHECK VALVE	EA	\$3,259.95	\$3,357.75
S-25-17	10" FLANGED CHECK VALVE	EA	\$4,691.65	\$4,832.40
S-25-18	12" FLANGED CHECK VALVE	EA	\$6,633.20	\$6,832.20
S-27-1	AIR RELEASE VALVE ASSEMBLY – INSIDE VAULT BELOW GROUND	EA	\$17,278.25	\$17,796.60
S-27-2	AIR RELEASE VALVE ASSEMBLY – ABOVE GROUND	EA	\$8,008.25	\$8,248.50
S-28	SEWAGE TANKER PUMPING	HR	\$339.90	\$350.10

RECLAIMED WATER CONSTRUCTION (012200-52)

R-01-1	2" PVC RECLAIMED WATER MAIN	LF	\$18.54	\$19.10
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ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
R-01-2	4" PVC RECLAIMED WATER MAIN	LF	\$25.75	\$26.52
R-01-3	6" PVC RECLAIMED WATER MAIN	LF	\$33.99	\$35.01
R-01-4	8" PVC RECLAIMED WATER MAIN	LF	\$46.35	\$47.74
R-01-5	12" PVC RECLAIMED WATER MAIN	LF	\$87.55	\$90.18
R-01-6	16" PVC RECLAIMED WATER MAIN	LF	\$149.35	\$153.83
R-01-7	18" PVC RECLAIMED WATER MAIN	LF	\$182.31	\$187.78
R-01-8	4" DIP RECLAIMED WATER MAIN	LF	\$65.92	\$67.90
R-01-9	6" DIP RECLAIMED WATER MAIN	LF	\$51.50	\$53.05
R-01-10	8" DIP RECLAIMED WATER MAIN	LF	\$62.83	\$64.71
R-01-11	12" DIP RECLAIMED WATER MAIN	LF	\$96.82	\$99.72
R-01-12	16" DIP RECLAIMED WATER MAIN	LF	\$133.90	\$137.92
R-01-13	18" DIP RECLAIMED WATER MAIN	LF	\$152.44	\$157.01
R-03-1	2" PVC SCH 80 FITTINGS	EA	\$28.84	\$29.71
R-03-2	DIP MJ FITTINGS, 4"	EA	\$365.65	\$376.62
R-03-3	DIP MJ FITTINGS, 6"	EA	\$520.15	\$535.75
R-03-4	DIP MJ FITTINGS, 8"	EA	\$654.05	\$673.67
R-03-5	DIP MJ FITTINGS, 10"	EA	\$906.40	\$933.59
R-03-6	DIP MJ FITTINGS, 12"	EA	\$1,081.50	\$1,113.95
R-03-7	DIP MJ FITTINGS, 14"	EA	\$1,642.85	\$1,692.14
R-03-8	DIP MJ FITTINGS, 16"	EA	\$2,188.75	\$2,254.41
R-03-9	DIP MJ FITTINGS, 18"	EA	\$2,781.00	\$2,864.43
R-03-10	DIP MJ CROSS 4"	EA	\$710.70	\$732.02
R-03-11	DIP MJ CROSS 6"	EA	\$916.70	\$944.20
R-03-12	DIP MJ CROSS 8"	EA	\$1,076.35	\$1,108.64
R-03-13	DIP MJ CROSS 10"	EA	\$1,581.05	\$1,628.48
R-03-14	DIP MJ CROSS 12"	EA	\$2,080.60	\$2,143.02
R-03-15	DIP MJ CROSS 14"	EA	\$3,332.05	\$3,432.01
R-03-16	DIP MJ CROSS 16"	EA	\$4,830.70	\$4,975.62
R-03-17	DIP MJ CROSS 18"	EA	\$5,974.00	\$6,153.22
R-05-1	2" GATE VALVE WITH SST STEM & VALVE BOX	EA	\$1,050.60	\$1,082.12
R-05-2	4" GATE VALVE WITH SST STEM & VALVE BOX	EA	\$1,405.95	\$1,448.13
R-05-3	6" GATE VALVE WITH SST STEM & VALVE BOX	EA	\$1,709.80	\$1,761.09
R-05-4	8" GATE VALVE WITH SST STEM & VALVE BOX	EA	\$2,338.10	\$2,408.24
R-05-5	10" GATE VALVE WITH SST STEM & VALVE BOX	EA	\$3,337.20	\$3,437.32
R-05-6	12" BUTTERFLY VALVE WITH SST STEM & VALVE BOX	EA	\$3,007.60	\$3,097.83
R-05-7	16" BUTTERFLY VALVE WITH SST STEM & VALVE BOX	EA	\$5,165.45	\$5,320.41
R-05-8	18" BUTTERFLY VALVE WITH SST STEM & VALVE BOX	EA	\$6,329.35	\$6,519.23
R-05-9	24" BUTTERFLY VALVE WITH SST STEM & VALVE BOX	EA	\$11,319.70	\$11,659.29
R-14-1	1" SINGLE RECLAIMED WATER SERVICE – SHORT	EA	\$628.30	\$647.15
R-14-2	1" SINGLE RECLAIMED WATER SERVICE – LONG	EA	\$1,066.05	\$1,098.03
R-14-3	1" DOUBLE RECLAIMED WATER SERVICE - SHORT	EA	\$916.70	\$944.20
R-14-4	1" DOUBLE RECLAIMED WATER SERVICE - LONG	EA	\$1,318.40	\$1,357.95
R-14-5	2" SINGLE RECLAIMED WATER SERVICE – SHORT	EA	\$3,007.60	\$3,097.83
R-14-6	2" SINGLE RECLAIMED WATER SERVICE – LONG	EA	\$3,574.10	\$3,681.32
R-14-7	2" DOUBLE RECLAIMED WATER SERVICE - SHORT	EA	\$4,109.70	\$4,232.99
R-14-8	2" DOUBLE RECLAIMED WATER SERVICE - LONG	EA	\$4,707.10	\$4,848.31
R-16-1	2" TAP ON EXISTING 8" RECLAIMED WATER MAIN W/ VALVE & SST STEM	EA	\$1,349.30	\$1,389.78
R-16-2	2" TAP ON EXISTING 12" RECLAIMED WATER MAIN W/ VALVE & SST STEM	EA	\$1,545.00	\$1,591.35
R-16-3	8" TAP ON EXISTING 8" RECLAIMED WATER MAIN W/ VALVE & SST STEM	EA	\$4,501.10	\$4,636.13
R-16-4	8" TAP ON EXISTING 12" RECLAIMED WATER MAIN W/ VALVE & SST STEM	EA	\$4,609.25	\$4,747.53
R-16-5	12" TAP ON EXISTING 12" RECLAIMED WATER MAIN W/ VALVE & SST STEM	EA	\$9,012.50	\$9,282.88
R-16-6	16" TAP ON EXISTING 16" RECLAIMED WATER MAIN W/ VALVE & SST STEM	EA	\$17,793.25	\$18,327.05
R-18-1	DIRECTIONAL BORE 2" PVC	LF	\$20.60	\$21.22
R-18-2	DIRECTIONAL BORE 4" PVC	LF	\$39.14	\$40.31
R-18-3	DIRECTIONAL BORE 6" PVC	LF	\$55.62	\$57.29
R-18-4	DIRECTIONAL BORE 8" PVC	LF	\$85.49	\$88.05
R-18-5	DIRECTIONAL BORE 10" PVC	LF	\$119.48	\$123.06
R-18-6	DIRECTIONAL BORE 12" PVC	LF	\$164.80	\$169.74
R-18-7	DIRECTIONAL BORE 16" PVC	LF	\$278.10	\$286.44
R-18-8	DIRECTIONAL BORE 2" HDPE	LF	\$17.51	\$18.04
R-18-9	DIRECTIONAL BORE 4" HDPE	LF	\$35.02	\$36.07
R-18-10	DIRECTIONAL BORE 6" HDPE	LF	\$45.32	\$46.68
R-18-11	DIRECTIONAL BORE 8" HDPE	LF	\$66.95	\$68.96
R-18-12	DIRECTIONAL BORE 10" HDPE	LF	\$90.64	\$93.36
R-18-13	DIRECTIONAL BORE 12" HDPE	LF	\$123.60	\$127.31
R-18-14	DIRECTIONAL BORE 16" HDPE	LF	\$195.70	\$201.57
R-22-1	ABANDON RECLAIMED WATER MAIN	LS	\$2,945.80	\$3,034.17

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
*ALL BELOW LINE ITEMS ARE FOR CHEMICAL GROUTING & LINING WORK ONLY. INCLUDES BASIC MOT ITEMS AROUND VEHICLES (CONSTRUCTION/MEN WORKING SIGNS & CONES)				
*ALL BELOW LINE ITEMS ARE FOR CHEMICAL GROUTING & LINING WORK ONLY. INCLUDES BASIC MOT ITEMS AROUND VEHICLES				
CHEMICAL GROUTING (EXHIBIT C)				
B1	TEST AND SEAL JOINTS, 8-INCH AND 10-INCH GRAVITY PIPE	EA	\$193.13	\$198.92
B2	TEST AND SEAL JOINTS, 12-INCH AND 15-INCH GRAVITY PIPE	EA	\$193.13	\$198.92
B3	TEST AND SEAL JOINTS, 18-INCH AND 21-INCH GRAVITY PIPE	EA	\$257.50	\$265.23
B4	WORK IN REAR-YARD EASEMENT - (ITEMS B1 THROUGH F16)	EA	\$508.56	\$523.82
B5	CHEMICAL GROUT FOR SEALING SEWER JOINTS	GAL	\$28.33	\$29.18
B6	CHEMICAL ROOT REMOVAL (8-INCH THROUGH 12-INCH)	LF	\$5.15	\$5.30
B7	CHEMICAL ROOT REMOVAL (15-INCH THROUGH 21-INCH)	LF	\$5.82	\$5.99
B8	GROUT/SEAL LATERAL CONNECTION 8 & 10 MAIN, 4 & 6-INCH LATERALS (3' MINIMUM)	EA	\$341.19	\$351.43
B9	GROUT/SEAL LATERAL CONNECTION 12 & 15 MAIN, 4 & 6-INCH LATERALS (3' MINIMUM)	EA	\$386.25	\$397.84
B10	GROUT/SEAL LATERAL CONNECTION 18 & 24 MAIN, 4 & 6-INCH LATERALS (3' MINIMUM)	EA	\$515.00	\$530.45
SECTIONAL AND LATERAL LINERS				
D1	INSTALL CURED-IN-PLACE SECTIONAL PIPE LINERS, 6-INCH TO 12-INCH DIAMETER	EA	\$4,353.04	\$4,483.63
D2	INSTALL CURED-IN-PLACE SECTIONAL PIPE LINERS, 6-INCH TO 12-INCH DIAMETER (PER LINEAR FOOT BEYOND 6 FEET IN LENGTH, ALL DEPTHS)	LF	\$124.37	\$128.10
D3	INSTALL CURED-IN-PLACE SECTIONAL PIPE LINERS, 15-INCH TO 18-INCH DIAMETER (UP TO 6 FEET IN LENGTH, ALL DEPTHS)	EA	\$8,439.56	\$8,692.75
D4	INSTALL CURED-IN-PLACE SECTIONAL PIPE LINERS, 15-INCH TO 18-INCH DIAMETER (PER LINEAR FOOT BEYOND 6 FEET IN LENGTH, ALL DEPTHS)	LF	\$195.44	\$201.30
D5	INSTALL CURED-IN-PLACE SECTIONAL PIPE LINERS, 21-INCH DIAMETER (UP TO 6 FEET IN LENGTH, ALL DEPTHS)	EA	\$10,423.60	\$10,736.31
D6	INSTALL CURED-IN-PLACE SECTIONAL PIPE LINERS, 21-INCH DIAMETER (PER LINEAR FOOT BEYOND 6 FEET IN LENGTH, ALL DEPTHS)	LF	\$254.67	\$262.31
D7	REINSTATE LATERALS AND GROUT ANNULAR SPACE	EA	\$648.90	\$668.37
D8	FCLRL - CURED-IN-PLACE LATERAL LINER 6-INCH TO 10-INCH MAIN, 4 & 6-INCH LATERAL PIPE, UP TO 15 LINEAR FEET (ALL DEPTHS)	EA	\$5,034.13	\$5,185.15
D9	FCLRL - CURED-IN-PLACE LATERAL LINER 12-INCH TO 15-INCH MAIN, 4 & 6-INCH LATERAL PIPE, UP TO 15 LINEAR FEET (ALL DEPTHS)	EA	\$6,751.65	\$6,954.20
D10	FCLRL - CURED-IN-PLACE LATERAL LINER 18-INCH TO 21-INCH MAIN, 4 & 6-INCH LATERAL PIPE, UP TO 15 LINEAR FEET (ALL DEPTHS)	EA	\$8,131.59	\$8,375.54
D11	FCLRL - CURED-IN-PLACE LATERAL LINER 24-INCH MAIN, 4 & 6-INCH LATERAL PIPE, UP TO 15 LINEAR FEET (ALL DEPTHS)	EA	\$10,488.75	\$10,803.41
D13	FCLRL - CURED-IN-PLACE MH DROP LINER 8-INCH TO 15-INCH MAIN, 8-INCH TO 10-INCH MANHOLE DROP CONNECTION, UP TO 12 LINEAR FEET OF DROP (ALL DEPTHS)	EA	\$4,377.91	\$4,509.25
D14	LATERAL LINER 4 & 6-INCH PIPE, GREATER THAN 15 LINEAR FEET (ALL DEPTHS)	LF	\$112.53	\$115.91
D15	INSTALL CIP LINER IN 4-INCH TO 6-INCH LATERALS, ALL DEPTHS (INCLUDES 15 FEET OF LATERAL)	EA	\$3,671.95	\$3,782.11
D16	INSTALL CIP LINER IN 4-INCH TO 6-INCH LATERALS, ALL DEPTHS (PER LINEAR FOOT BEYOND 15 FEET OF LATERAL PIPE)	LF	\$112.53	\$115.91
D17	INSTALL FULL-CIRCLE CIP MAINLINE/LATERAL CONNECTION INTERFACE SEAL (MINIMUM 3) IN 6- 10- INCH MAIN WITH 4-INCH TO 6-INCH LATERALS, ALL DEPTHS	EA	\$4,086.53	\$4,209.13
D18	INSTALL FULL-CIRCLE CIP MAINLINE/LATERAL CONNECTION INTERFACE SEAL (MINIMUM 3) IN 12- 21- INCH MAIN WITH 4-INCH TO 6-INCH LATERALS, ALL DEPTHS	EA	\$6,781.26	\$6,984.70
D19	10- INCH MAIN WITH 4-INCH TO 6-INCH LATERAL PIPE, UP TO 6 INCHES OF LATERAL PIPING, ALL DEPTHS	EA	\$4,086.53	\$4,209.13
D20	TO 21-INCH MAIN, 4-INCH & 6-INCH LATERAL PIPE, UP TO 6 INCHES OF LATERAL PIPING, ALL DEPTHS	EA	\$6,781.26	\$6,984.70
D21	TRANSITIONAL LINER 6-INCH TO 4-INCH	EA	\$592.25	\$610.02
D22	COATING REMOVAL/SURFACE PREPARATION (ITEMS D17 - D20)	EA	\$337.58	\$347.71
D23	SEWER LATERAL TV INSPECTION FROM MAIN WITH PAN & TILT CAMERA (UP TO 30 FEET)	EA	\$420.50	\$433.12
D24	SEWER LATERAL TV INSPECTION FROM MAIN with PAN & TILT CAMERA (BEYOND 30 FEET)	LF	\$9.48	\$9.76
D25	SEWER LATERAL TV INSPECTION FROM CLEANOUT (UP TO 30 FEET)	EA	\$337.58	\$347.71
D26	SEWER LATERAL TV INSPECTION FROM CLEANOUT (BEYOND 30 FEET)	LF	\$9.48	\$9.76
D27	LATERAL PIPE GROUTING TO FACILITATE PROPER LATERAL LINER INSTALLATION	EA	\$2,665.13	\$2,745.08
D28	LATERAL PIPE TESTING (10% OF INSTALLATIONS)	EA	\$533.03	\$549.02
Sub-Total SECTIONAL AND LATERAL LINERS:				\$89,761.23
				\$92,454.07

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
CIP MAINLINE PIPE LINING				
E1	INSTALL CURED-IN-PLACE LINER, 18-INCH DIAMETER GRAVITY MAINS (6 TO 12 FEET IN DEPTH)	LF	\$142.14	\$146.40
E2	INSTALL CURED-IN-PLACE LINER, 18-INCH DIAMETER GRAVITY MAINS (12 TO 16 FEET IN DEPTH)	LF	\$142.14	\$146.40
E3	INSTALL CURED-IN-PLACE LINER, 21-INCH DIAMETER GRAVITY MAINS (6 TO 12 FEET IN DEPTH)	LF	\$278.10	\$286.44
E4	INSTALL CURED-IN-PLACE LINER, 21-INCH DIAMETER GRAVITY MAINS (12 TO 16 FEET IN DEPTH)	LF	\$278.10	\$286.44
E5	INSTALL CURED-IN-PLACE LINER, 24-INCH DIAMETER GRAVITY MAINS (6 TO 12 FEET IN DEPTH)	LF	\$294.58	\$303.42
E6	INSTALL CURED-IN-PLACE LINER, 24-INCH DIAMETER GRAVITY MAINS (12 TO 18 FEET IN DEPTH)	LF	\$294.58	\$303.42
E7	INSTALL CURED-IN-PLACE LINER, 30-INCH DIAMETER GRAVITY MAINS (6 TO 12 FEET IN DEPTH)	LF	\$370.80	\$381.92
E8	INSTALL CURED-IN-PLACE LINER, 30-INCH DIAMETER GRAVITY MAINS (12 TO 18 FEET IN DEPTH)	LF	\$370.80	\$381.92
FORM AND FORM PIPE LINING				
F1	INSTALL FOLD AND FORM LINER, 8-INCH DIAMETER GRAVITY MAINS (ALL DEPTHS)	LF	\$36.05	\$37.13
F2	INSTALL FOLD AND FORM LINER, 10-INCH DIAMETER GRAVITY MAINS (ALL DEPTHS)	LF	\$46.35	\$47.74
F3	INSTALL FOLD AND FORM LINER, 12-INCH DIAMETER GRAVITY MAINS (ALL DEPTHS)	LF	\$51.50	\$53.05
F4	INSTALL FOLD AND FORM LINER, 15-INCH DIAMETER GRAVITY MAINS (ALL DEPTHS)	LF	\$108.15	\$111.39
F5	SEWER MAIN CLEANING AND TV INSPECTION (8-INCH THROUGH 12-INCH)	LF	\$2.42	\$2.49
F6	SEWER MAIN CLEANING AND TV INSPECTION (15-INCH THROUGH 21-INCH)	LF	\$3.19	\$3.29
F7	SEWER MAIN CLEANING AND TV INSPECTION (21-INCH THROUGH 24-INCH)	LF	\$5.77	\$5.94
F8	REINSTATE LATERALS AND GROUT ANNULAR SPACE	EA	\$509.85	\$525.15
F9	MECHANICAL ROOT OR GREASE REMOVAL (12-INCH AND SMALLER)	LF	\$4.27	\$4.40
F10	MECHANICAL ROOT OR GREASE REMOVAL (15-INCH THROUGH 24-INCH)	LF	\$8.39	\$8.64
F11	MECHANICAL TUBERCULATION REMOVAL (12-INCH OR SMALLER)	LF	\$23.18	\$23.88
F12	MECHANICAL TUBERCULATION REMOVAL (15-INCH THROUGH 24-INCH)	LF	\$32.19	\$33.16
F13	PROTRUDING SERVICE CONNECTION REMOVED BY INTERNAL MEANS	EA	\$341.19	\$351.43
F14	BYPASS PUMPING (6-INCH AND 10-INCH SEWER)	DAY	\$1,931.25	\$1,989.19
F15	BYPASS PUMPING (12-INCH AND 15-INCH SEWER)	DAY	\$10,943.75	\$11,272.06
F16	BYPASS PUMPING (18-INCH AND 30-INCH SEWER)	DAY	\$18,668.75	\$19,228.81