



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	\$850.00	\$875.50
G-04-1	EMERGENCY CALL OUT (24 HOURS A DAY)	HR	\$1,060.00	\$1,091.80
G-04-2	LABOR AND EQUIPMENT	HR	\$840.00	\$865.20
G-05	MAINTENANCE OF TRAFFIC	DAY	\$685.00	\$705.55
G-06	SILT FENCE & SEDIMENT CONTROL	LF	\$2.75	\$2.83
G-07	TREE PROTECTION/CONSTRUCTION FENCE	LF	\$5.00	\$5.15
G-08	REMOVE & RELOCATE EXISTING MAILBOXES	EA	\$175.00	\$180.25
G-09	CLEARING AND GRUBBING - LIGHT	SY	\$5.00	\$5.15
G-10	CLEARING AND GRUBBING - HEAVY	SY	\$9.00	\$9.27
G-11	EXCAVATION	CY	\$6.00	\$6.18
G-12	IMPORTED BACKFILL MATERIAL	CY	\$27.00	\$27.81
G-15	GRADING	SY	\$3.60	\$3.71
G-17	REMOVE & REPLACE UNSUITABLE MATERIAL	CY	\$36.00	\$37.08
G-19	LIMEROCK BASE 12"	SY	\$20.00	\$20.60
G-20	# 57 STONE	CY	\$95.00	\$97.85
G-21-1	REMOVAL OF EXSITING CONCRETE SIDEWALKS AND DRIVEWAYS (NOT REINSTALLING)	SY	\$12.00	\$12.36
G-21-2	REMOVAL AND REPLACEMENT OF EXSITING CONCRETE SIDEWALKS AND DRIVEWAYS	SY	\$98.00	\$100.94
G-22	REMOVAL OF EXISTING CONCRETE CURB AND GUTTER (NOT REINSTALLING)	LF	\$3.75	\$3.86
G-23	CONCRETE FILL	CY	\$282.00	\$290.46
G-24	ASPHALT COATINGS	GAL	\$30.75	\$31.67
G-25	ASPHALT PAVEMENT REMOVAL	SY	\$9.00	\$9.27
G-26	TEMPORARY ASPHALT MILLINGS	SY	\$9.00	\$9.27
G-31	ASPHALT MILLING AND REPLACEMENT	CY	\$12.00	\$12.36
G-32-1	ASPHALT PAVEMENT SUPERPAVE 9.5	TN	\$255.00	\$262.65
G-32-2	ASPHALT PAVEMENT SUPERPAVE 12.5	TN	\$255.00	\$262.65
G-33	ROADWAY GUARDRAIL	LF	\$130.00	\$133.90
G-34-1	OBJECT MARKER, TYPE 1	EA	\$211.00	\$217.33
G-34-2	OBJECT MARKER, TYPE 2	EA	\$117.00	\$120.51
G-34-3	OBJECT MARKER, TYPE 3	EA	\$227.00	\$233.81

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
G-34-4	OBJECT MARKER, TYPE 4	EA	\$211.00	\$217.33
G-35-1	DELINEATOR, FLEXIBLE TUBULAR	EA	\$114.00	\$117.42
G-35-2	DELINEATOR, NON-FLEXIBLE	EA	\$110.00	\$113.30
G-35-3	DELINEATOR, FLEXIBLE HIGH VISIBILITY MEDIAN	EA	\$250.00	\$257.50
G-35-4	DELINEATOR, FLEXIBLE HIGH PERFORMANCE	EA	\$128.00	\$131.84
G-36	RUMBLE STRIPS	PS	\$315.00	\$324.45
G-37	GROUNDING ELECTRODE	FT	\$78.00	\$80.34
G-38-1	SIGNAL CONDUIT, FURNISH & INSTALL, UNDERGROUND	LF	\$66.00	\$67.98
G-38-2	SIGNAL CONDUIT, FURNISH & INSTALL, SAWCUT & PLACE UNDER EXISTING PAVEMENT	LF	\$240.00	\$247.20
G-38-3	SIGNAL CONDUIT, F & I, UNDERGROUND-JACKED	LF	\$240.00	\$247.20
G-39-1	SPAN WIRE ASSEMBLY, F & I, SINGLE POINT, DIAGONAL	PI	\$8,400.00	\$8,652.00
G-39-2	SPAN WIRE ASSEMBLY, F & I, TWO POINT, DIAGONAL	PI	\$12,000.00	\$12,360.00
G-39-3	SPAN WIRE ASSEMBLY, F & I, TWO POINT, BOX	PI	\$24,000.00	\$24,720.00
G-39-4	SPAN WIRE ASSEMBLY, ADJUST	PI	\$7,800.00	\$8,034.00
G-39-5	SPAN WIRE ASSEMBLY, ADJUST, TWO POINT, BOX	PI	\$15,000.00	\$15,450.00
G-40	PULL & JUNCTION BOX, F & I, PULL BOX	EA	\$6,600.00	\$6,798.00
G-41	PULL & JUNCTION BOXES, INSTALL	EA	\$2,400.00	\$2,472.00
G-42	PULL & JUNCTION BOXES, RELOCATE	EA	\$3,600.00	\$3,708.00
G-52	CONSTRUCTION SURVEY	HR	\$180.00	\$185.40
G-53	ASBUILT DRAWINGS	HR	\$110.00	\$113.30
G-54-1	PIPE HANDRAIL-GUIDERAIL, ALUMINUM	LF	\$1,020.00	\$1,050.60
G-54-2	PEDESTRIAN/BICYCLE, RAILING, ALUMINUM ONLY, 42" PICKET RAIL	LF	\$84.00	\$86.52
G-54-3	PEDESTRIAN/BICYCLE, RAILING, ALUMINUM ONLY, 42" TYPE 1	LF	\$88.00	\$90.64
G-54-4	PIPE HANDRAIL, ALUMINUM	LF	\$51.00	\$52.53
G-55	6" BOLLARDS	EA	\$895.00	\$921.85
G-56	CONCRETE CURB, GUTTER, VALLEY AND DROP CURB (NEW INSTALL)	LF	\$48.00	\$49.44
G-57	CONCRETE CURB, GUTTER, VALLEY AND DROP CURB REMOVAL & REPLACEMENT	LF	\$52.00	\$53.56
G-58-1	CONCRETE 3000 PSI	CY	\$282.00	\$290.46
G-58-2	CONCRETE 4000 PSI	CY	\$295.00	\$303.85
G-60-1	PAVERS, ARCHITECTURAL ROADWAY	SY	\$119.00	\$122.57
G-60-2	PAVERS, ARCHITECTURAL SIDEWALK	SY	\$119.00	\$122.57
G-61	CONCRETE CURB RAMPS WITH DETECTABLE WARNING SURFACE - HANDICAP	EA	\$3,600.00	\$3,708.00
G-62	DETECTABLE WARNING ON EXISTING WALKING SURFACE, RETROFIT	EA	\$480.00	\$494.40

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
G-66	RIP RAP	CY	\$169.00	\$174.07
G-67	CONCRETE RUBBLE (2 FT THICK)	SY	\$90.00	\$92.70
G-75	FARM FENCING REMOVAL & REPLACEMENT	LF	\$28.00	\$28.84
G-78	CHAIN LINK FENCING REMOVAL AND REPLACEMENT	LF	\$42.00	\$43.26
G-79	SEED & MULCH	SY	\$1.50	\$1.55
G-80-1	SOD-ST. AUGUSTINE	SY	\$7.00	\$7.21
G-80-2	SOD-BAHIA	SY	\$4.25	\$4.38
G-88-1	LOOP ASSEMBLY- F & I, TYPE A	EA	\$1,500.00	\$1,545.00
G-88-2	LOOP ASSEMBLY- F & I, TYPE B	EA	\$1,200.00	\$1,236.00
G-88-3	LOOP ASSEMBLY- F & I, TYPE F	EA	\$1,800.00	\$1,854.00
G-89	TRAFFIC CONTROL SIGN ASSEMBLY	EA	\$360.00	\$370.80
G-90	TRAFFIC CONTROL SIGN ASSEMBLY REMOVAL AND RELOCATION	EA	\$90.00	\$92.70
G-91	REFLECTIVE PAVEMENT MARKERS	EA	\$6.25	\$6.44
G-92	STANDARD WHEEL STOPS	EA	\$93.00	\$95.79
G-93-1	TEMPORARY, WHITE, SOLID 6"	LF	\$0.25	\$0.26
G-93-2	TEMPORARY, WHITE, SOLID 12"	LF	\$1.00	\$1.03
G-93-3	TEMPORARY, WHITE, SOLID 24"	LF	\$2.00	\$2.06
G-93-4	TEMPORARY SKIP TRAFFIC STRIPE, YELLOW OR WHITE, 6"	GLF	\$0.50	\$0.52
G-93-5	TEMPORARY SOLID TRAFFIC STRIPE - 6" YELLOW	LF	\$0.30	\$0.31
G-93-6	TEMPORARY SOLID TRAFFIC STRIPE - 6" DOUBLE YELLOW	LF	\$0.50	\$0.52
G-94-1	THERMO, WHITE, SOLID, 6"	LF	\$0.90	\$0.93
G-94-2	THERMO, WHITE, SOLID, 12"	LF	\$2.80	\$2.88
G-94-3	THERMO, WHITE, SOLID, 24"	LF	\$6.75	\$6.95
G-94-4	THERMO SKIP TRAFFIC STRIPE, YELLOW OR WHITE, 6"	GLF	\$1.20	\$1.24
G-94-5	THERMO SOLID TRAFFIC STRIPE - 6" YELLOW	LF	\$0.90	\$0.93
G-94-6	THERMO SOLID TRAFFIC STRIPE - 6" DOUBLE YELLOW	LF	\$1.80	\$1.85
G-95	THERMO PAVEMENT MARKINGS	EA	\$78.00	\$80.34
G-96	PAINTED PAVEMENT MARKINGS	EA	\$47.00	\$48.41
G-97	ARROW BOARDS/MESSAGE BOARDS	DAY	\$100.00	\$103.00
G-98	MISCELLANEOUS UTILIY LOCATES / EXPORATORY EXCAVATION	HR	\$315.00	\$324.45
WATER CONSTRUCTION (012200-35)				
W-01-1	2" PVC WATER MAIN	LF	\$19.00	\$19.57
W-01-2	4" PVC WATER MAIN	LF	\$25.00	\$25.75

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
W-01-3	6" PVC WATER MAIN	LF	\$33.00	\$33.99
W-01-4	8" PVC WATER MAIN	LF	\$45.00	\$46.35
W-01-5	10" PVC WATER MAIN	LF	\$64.00	\$65.92
W-01-6	12" PVC WATER MAIN	LF	\$85.00	\$87.55
W-01-7	14" PVC WATER MAIN	LF	\$117.00	\$120.51
W-01-8	16" PVC WATER MAIN	LF	\$146.00	\$150.38
W-01-9	18" PVC WATER MAIN	LF	\$177.00	\$182.31
W-01-10	20" PVC WATER MAIN	LF	\$220.00	\$226.60
W-01-11	24" PVC WATER MAIN	LF	\$300.00	\$309.00
W-01-12	4" DIP WATER MAIN	LF	\$65.00	\$66.95
W-01-13	6" DIP WATER MAIN	LF	\$50.00	\$51.50
W-01-14	8" DIP WATER MAIN	LF	\$61.00	\$62.83
W-01-15	10" DIP WATER MAIN	LF	\$75.00	\$77.25
W-01-16	12" DIP WATER MAIN	LF	\$94.00	\$96.82
W-01-17	14" DIP WATER MAIN	LF	\$108.00	\$111.24
W-01-18	16" DIP WATER MAIN	LF	\$131.00	\$134.93
W-01-19	18" DIP WATER MAIN	LF	\$149.00	\$153.47
W-01-20	20" DIP WATER MAIN	LF	\$180.00	\$185.40
W-01-21	24" DIP WATER MAIN	LF	\$212.00	\$218.36
W-01-22	30" DIP WATER MAIN	LF	\$397.00	\$408.91
W-02-1	BACKFLOW PREVENTER 1"	EA	\$1,035.00	\$1,066.05
W-02-2	BACKFLOW PREVENTER 2"	EA	\$2,080.00	\$2,142.40
W-03-1	2" PVC FITTINGS	EA	\$29.00	\$29.87
W-03-2	2" BRASS POLYETHYLENE FITTINGS	EA	\$370.00	\$381.10
W-03-3	DIP MJ FITTINGS 4"	EA	\$355.00	\$365.65
W-03-4	DIP MJ FITTINGS 6"	EA	\$505.00	\$520.15
W-03-5	DIP MJ FITTINGS 8"	EA	\$635.00	\$654.05
W-03-6	DIP MJ FITTINGS 10"	EA	\$880.00	\$906.40
W-03-7	DIP MJ FITTINGS 12"	EA	\$1,050.00	\$1,081.50
W-03-8	DIP MJ FITTINGS 14"	EA	\$1,595.00	\$1,642.85
W-03-9	DIP MJ FITTINGS 16"	EA	\$2,125.00	\$2,188.75
W-03-10	DIP MJ FITTINGS 18"	EA	\$2,700.00	\$2,781.00
W-03-11	DIP MJ FITTINGS 20"	EA	\$3,660.00	\$3,769.80

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
W-03-12	DIP MJ FITTINGS 24"	EA	\$5,730.00	\$5,901.90
W-03-13	DIP MJ FITTINGS 30"	EA	\$9,690.00	\$9,980.70
W-03-14	DIP MJ CROSS 4"	EA	\$690.00	\$710.70
W-03-15	DIP MJ CROSS 6"	EA	\$890.00	\$916.70
W-03-16	DIP MJ CROSS 8"	EA	\$1,045.00	\$1,076.35
W-03-17	DIP MJ CROSS 10"	EA	\$1,535.00	\$1,581.05
W-03-18	DIP MJ CROSS 12"	EA	\$2,020.00	\$2,080.60
W-03-19	DIP MJ CROSS 14"	EA	\$3,235.00	\$3,332.05
W-03-20	DIP MJ CROSS 16"	EA	\$4,690.00	\$4,830.70
W-03-21	DIP MJ CROSS 18"	EA	\$5,800.00	\$5,974.00
W-03-22	DIP MJ CROSS 20"	EA	\$8,355.00	\$8,605.65
W-03-23	DIP MJ CROSS 24"	EA	\$10,375.00	\$10,686.25
W-03-24	DIP MJ CROSS 30"	EA	\$19,130.00	\$19,703.90
W-04-1	4" PIPE JOINT RESTRAINT	EA	\$95.00	\$97.85
W-04-2	6" PIPE JOINT RESTRAINT	EA	\$120.00	\$123.60
W-04-3	8" PIPE JOINT RESTRAINT	EA	\$175.00	\$180.25
W-04-4	10" PIPE JOINT RESTRAINT	EA	\$270.00	\$278.10
W-04-5	12" PIPE JOINT RESTRAINT	EA	\$300.00	\$309.00
W-04-6	14" PIPE JOINT RESTRAINT	EA	\$610.00	\$628.30
W-04-7	16" PIPE JOINT RESTRAINT	EA	\$660.00	\$679.80
W-04-8	18" PIPE JOINT RESTRAINT	EA	\$810.00	\$834.30
W-04-9	20" PIPE JOINT RESTRAINT	EA	\$1,205.00	\$1,241.15
W-04-10	24" PIPE JOINT RESTRAINT	EA	\$1,915.00	\$1,972.45
W-05-1	2" GATE VALVE W/SST STEM & VALVE BOX	EA	\$1,020.00	\$1,050.60
W-05-2	4" GATE VALVE W/SST STEM & VALVE BOX	EA	\$1,365.00	\$1,405.95
W-05-3	6" GATE VALVE W/SST STEM & VALVE BOX	EA	\$1,660.00	\$1,709.80
W-05-4	8" GATE VALVE W/SST STEM & VALVE BOX	EA	\$2,270.00	\$2,338.10
W-05-5	12" BUTTERFLY VALVE & VALVE BOX	EA	\$2,920.00	\$3,007.60
W-05-6	16" BUTTERFLY VALVE & VALVE BOX	EA	\$5,015.00	\$5,165.45
W-05-7	18" BUTTERFLY VALVE & VALVE BOX	EA	\$6,145.00	\$6,329.35
W-05-8	24" BUTTERFLY VALVE & VALVE BOX	EA	\$10,990.00	\$11,319.70
W-05-9	4" INSERT - A - VALVE	EA	\$7,640.00	\$7,869.20
W-05-10	6" INSERT - A - VALVE	EA	\$8,850.00	\$9,115.50

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
W-05-11	8" INSERT - A - VALVE	EA	\$10,120.00	\$10,423.60
W-05-12	10" INSERT - A - VALVE	EA	\$15,160.00	\$15,614.80
W-05-13	12" INSERT - A - VALVE	EA	\$18,860.00	\$19,425.80
W-05-14	14" INSERT - A - VALVE	EA	\$35,290.00	\$36,348.70
W-05-15	16" INSERT - A - VALVE	EA	\$37,700.00	\$38,831.00
W-08-1	2" LINE STOP	EA	\$1,550.00	\$1,596.50
W-08-2	4" LINE STOP	EA	\$6,390.00	\$6,581.70
W-08-3	6" LINE STOP	EA	\$6,500.00	\$6,695.00
W-08-4	8" LINE STOP	EA	\$7,670.00	\$7,900.10
W-08-5	10" LINE STOP	EA	\$10,020.00	\$10,320.60
W-08-6	12" LINE STOP	EA	\$11,230.00	\$11,566.90
W-08-7	14" LINE STOP	EA	\$15,690.00	\$16,160.70
W-08-8	16" LINE STOP	EA	\$18,230.00	\$18,776.90
W-08-9	18" LINE STOP	EA	\$20,090.00	\$20,692.70
W-08-10	20" LINE STOP	EA	\$22,290.00	\$22,958.70
W-08-11	24" LINE STOP	EA	\$28,440.00	\$29,293.20
W-09-1	FIRE HYDRANT ASSEMBLY ON 6" MAIN - TYPE A	EA	\$5,980.00	\$6,159.40
W-09-2	FIRE HYDRANT ASSEMBLY ON 8" MAIN - TYPE A	EA	\$5,940.00	\$6,118.20
W-09-3	FIRE HYDRANT ASSEMBLY ON 10" MAIN - TYPE A	EA	\$6,160.00	\$6,344.80
W-09-4	FIRE HYDRANT ASSEMBLY ON 12" MAIN - TYPE A	EA	\$6,460.00	\$6,653.80
W-09-5	FIRE HYDRANT ASSEMBLY ON 16" MAIN - TYPE A	EA	\$7,350.00	\$7,570.50
W-09-6	FIRE HYDRANT ASSEMBLY ON 6" MAIN - TYPE B	EA	\$6,430.00	\$6,622.90
W-09-7	FIRE HYDRANT ASSEMBLY ON 8" MAIN - TYPE B	EA	\$6,550.00	\$6,746.50
W-09-8	FIRE HYDRANT ASSEMBLY ON 10" MAIN - TYPE B	EA	\$6,800.00	\$7,004.00
W-09-9	FIRE HYDRANT ASSEMBLY ON 12" MAIN - TYPE B	EA	\$6,950.00	\$7,158.50
W-09-10	FIRE HYDRANT ASSEMBLY ON 16" MAIN - TYPE B	EA	\$8,020.00	\$8,260.60
W-10	REMOVE AND REPLACE EXISTING FIRE HYDRANTS	EA	\$4,640.00	\$4,779.20
W-11-1	REMOVE FIRE HYDRANTS	EA	\$950.00	\$978.50
W-11-2	REMOVE AND RELOCATE EXISTING FIRE HYDRANTS	EA	\$1,660.00	\$1,709.80
W-12-1	FIRE HYDRANT 6" EXTENSION	EA	\$1,120.00	\$1,153.60
W-12-2	FIRE HYDRANT 12" EXTENSION	EA	\$1,120.00	\$1,153.60
W-12-3	FIRE HYDRANT 18" EXTENSION	EA	\$1,480.00	\$1,524.40
W-12-4	FIRE HYDRANT 24" EXTENSION	EA	\$1,680.00	\$1,730.40

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
W-14-1	1" SINGLE WATER SERVICE – SHORT	EA	\$705.00	\$726.15
W-14-2	1" SINGLE WATER SERVICE – LONG	EA	\$1,350.00	\$1,390.50
W-14-3	1" DOUBLE WATER SERVICE – SHORT	EA	\$995.00	\$1,024.85
W-14-4	1" DOUBLE WATER SERVICE LONG	EA	\$1,650.00	\$1,699.50
W-14-5	2" SINGLE WATER SERVICE – SHORT	EA	\$2,920.00	\$3,007.60
W-14-6	2" SINGLE WATER SERVICE – LONG	EA	\$3,730.00	\$3,841.90
W-14-7	2" DOUBLE WATER SERVICE – SHORT	EA	\$3,990.00	\$4,109.70
W-14-8	2" DOUBLE WATER SERVICE – LONG	EA	\$4,830.00	\$4,974.90
W-15-1	REMOVE & REPLACE 1" SINGLE WATER SERVICE – SHORT	EA	\$850.00	\$875.50
W-15-2	REMOVE & REPLACE 1" SINGLE WATER SERVICE – LONG	EA	\$1,880.00	\$1,936.40
W-15-3	REMOVE & REPLACE 1" DOUBLE WATER SERVICE – SHORT	EA	\$1,260.00	\$1,297.80
W-15-4	REMOVE & REPLACE 1" DOUBLE WATER SERVICE – LONG	EA	\$2,200.00	\$2,266.00
W-15-5	REMOVE & REPLACE 2" SINGLE WATER SERVICE – SHORT	EA	\$3,300.00	\$3,399.00
W-15-6	REMOVE & REPLACE 2" SINGLE WATER SERVICE – LONG	EA	\$4,410.00	\$4,542.30
W-15-7	REMOVE & REPLACE 2" DOUBLE WATER SERVICE – SHORT	EA	\$4,430.00	\$4,562.90
W-15-8	REMOVE & REPLACE 2" DOUBLE WATER SERVICE – LONG	EA	\$5,570.00	\$5,737.10
W-16-1	2" TAP ON EXISTING 4" WATER MAIN W/VALVE & SST STEM	EA	\$1,290.00	\$1,328.70
W-16-2	2" TAP ON EXISTING 6" WATER MAIN W/VALVE & SST STEM	EA	\$1,300.00	\$1,339.00
W-16-3	2" TAP ON EXISTING 8" WATER MAIN W/VALVE & SST STEM	EA	\$1,310.00	\$1,349.30
W-16-4	2" TAP ON EXISTING 10" WATER MAIN W/VALVE & SST STEM	EA	\$1,330.00	\$1,369.90
W-16-5	2" TAP ON EXISTING 12" WATER MAIN W/VALVE & SST STEM	EA	\$1,500.00	\$1,545.00
W-16-6	2" TAP ON EXISTING 14" WATER MAIN W/VALVE & SST STEM	EA	\$1,550.00	\$1,596.50
W-16-7	2" TAP ON EXISTING 16" WATER MAIN W/VALVE & SST STEM	EA	\$1,570.00	\$1,617.10
W-16-8	2" TAP ON EXISTING 18" WATER MAIN W/VALVE & SST STEM	EA	\$1,680.00	\$1,730.40
W-16-9	2" TAP ON EXISTING 20" WATER MAIN W/VALVE & SST STEM	EA	\$1,700.00	\$1,751.00
W-16-10	2" TAP ON EXISTING 24" WATER MAIN W/VALVE & SST STEM	EA	\$1,800.00	\$1,854.00
W-16-11	4" TAP ON EXISTING 6" WATER MAIN W/VALVE & SST STEM	EA	\$3,370.00	\$3,471.10
W-16-12	4" TAP ON EXISTING 8" WATER MAIN W/VALVE & SST STEM	EA	\$3,380.00	\$3,481.40
W-16-13	4" TAP ON EXISTING 10" WATER MAIN W/VALVE & SST STEM	EA	\$3,460.00	\$3,563.80
W-16-14	4" TAP ON EXISTING 12" WATER MAIN W/VALVE & SST STEM	EA	\$3,410.00	\$3,512.30
W-16-15	4" TAP ON EXISTING 14" WATER MAIN W/VALVE & SST STEM	EA	\$4,100.00	\$4,223.00
W-16-16	4" TAP ON EXISTING 16" WATER MAIN W/VALVE & SST STEM	EA	\$4,440.00	\$4,573.20
W-16-17	4" TAP ON EXISTING 18" WATER MAIN W/VALVE & SST STEM	EA	\$4,530.00	\$4,665.90

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W-16-18	4" TAP ON EXISTING 20" WATER MAIN W/VALVE & SST STEM	EA	\$4,860.00	\$5,005.80
W-16-19	4" TAP ON EXISTING 24" WATER MAIN W/VALVE & SST STEM	EA	\$5,010.00	\$5,160.30
W-16-20	6" TAP ON EXISTING 6" WATER MAIN W/VALVE & SST STEM	EA	\$3,920.00	\$4,037.60
W-16-21	6" TAP ON EXISTING 8" WATER MAIN W/VALVE & SST STEM	EA	\$3,970.00	\$4,089.10
W-16-22	6" TAP ON EXISTING 10" WATER MAIN W/VALVE & SST STEM	EA	\$4,010.00	\$4,130.30
W-16-23	6" TAP ON EXISTING 12" WATER MAIN W/VALVE & SST STEM	EA	\$4,120.00	\$4,243.60
W-16-24	6" TAP ON EXISTING 14" WATER MAIN W/VALVE & SST STEM	EA	\$4,690.00	\$4,830.70
W-16-25	6" TAP ON EXISTING 16" WATER MAIN W/VALVE & SST STEM	EA	\$4,990.00	\$5,139.70
W-16-26	6" TAP ON EXISTING 18" WATER MAIN W/VALVE & SST STEM	EA	\$5,070.00	\$5,222.10
W-16-27	6" TAP ON EXISTING 20" WATER MAIN W/VALVE & SST STEM	EA	\$5,410.00	\$5,572.30
W-16-28	6" TAP ON EXISTING 24" WATER MAIN W/VALVE & SST STEM	EA	\$5,560.00	\$5,726.80
W-16-29	8" TAP ON EXISTING 8" WATER MAIN W/VALVE & SST STEM	EA	\$4,370.00	\$4,501.10
W-16-30	8" TAP ON EXISTING 10" WATER MAIN W/VALVE & SST STEM	EA	\$4,380.00	\$4,511.40
W-16-31	8" TAP ON EXISTING 12" WATER MAIN W/VALVE & SST STEM	EA	\$4,460.00	\$4,593.80
W-16-32	8" TAP ON EXISTING 14" WATER MAIN W/VALVE & SST STEM	EA	\$5,320.00	\$5,479.60
W-16-33	8" TAP ON EXISTING 16" WATER MAIN W/VALVE & SST STEM	EA	\$5,450.00	\$5,613.50
W-16-34	8" TAP ON EXISTING 18" WATER MAIN W/VALVE & SST STEM	EA	\$5,560.00	\$5,726.80
W-16-35	8" TAP ON EXISTING 20" WATER MAIN W/VALVE & SST STEM	EA	\$6,010.00	\$6,190.30
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	\$8,740.00	\$9,002.20
W-16-38	12" TAP ON EXISTING 14" WATER MAIN W/VALVE & SST STEM	EA	\$9,620.00	\$9,908.60
W-16-39	12" TAP ON EXISTING 16" WATER MAIN W/VALVE & SST STEM	EA	\$9,760.00	\$10,052.80
W-16-40	12" TAP ON EXISTING 18" WATER MAIN W/VALVE & SST STEM	EA	\$9,890.00	\$10,186.70
W-16-41	12" TAP ON EXISTING 20" WATER MAIN W/VALVE & SST STEM	EA	\$10,400.00	\$10,712.00
W-16-42	12" TAP ON EXISTING 24" WATER MAIN W/VALVE & SST STEM	EA	\$10,580.00	\$10,897.40
W-16-43	16" TAP ON EXISTING 16" WATER MAIN W/VALVE & SST STEM	EA	\$17,270.00	\$17,788.10
W-16-44	16" TAP ON EXISTING 18" WATER MAIN W/VALVE & SST STEM	EA	\$16,780.00	\$17,283.40
W-16-45	16" TAP ON EXISTING 20" WATER MAIN W/VALVE & SST STEM	EA	\$18,060.00	\$18,601.80
W-16-46	16" TAP ON EXISTING 24" WATER MAIN W/VALVE	EA	\$18,130.00	\$18,673.90
W-17-1	BORE & JACK 18" STEEL CASING W/8" PVC	LF	\$1,180.00	\$1,215.40
W-17-2	BORE & JACK 18" STEEL CASING W/8" DIP	LF	\$1,200.00	\$1,236.00
W-17-3	BORE & JACK 24" STEEL CASING W/12" PVC	LF	\$1,230.00	\$1,266.90
W-17-4	BORE & JACK 24" STEEL CASING W/12" DIP	LF	\$1,240.00	\$1,277.20

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
W-17-5	BORE & JACK 30" STEEL CASING W/16" PVC	LF	\$1,350.00	\$1,390.50
W-17-6	BORE & JACK 30" STEEL CASING W/16" DIP	LF	\$1,335.00	\$1,375.05
W-17-7	BORE & JACK 30" STEEL CASING W/ 18" PVC	LF	\$1,400.00	\$1,442.00
W-17-8	BORE & JACK 30" STEEL CASING W/ 18" DIP	LF	\$1,370.00	\$1,411.10
W-18-1	DIRECTIONAL BORE 2" HDPE PIPE	LF	\$17.00	\$17.51
W-18-2	DIRECTIONAL BORE 4" HDPE PIPE	LF	\$34.00	\$35.02
W-18-3	DIRECTIONAL BORE 6" HDPE PIPE	LF	\$44.00	\$45.32
W-18-4	DIRECTIONAL BORE 8" HDPE PIPE	LF	\$65.00	\$66.95
W-18-5	DIRECTIONAL BORE 10" HDPE PIPE	LF	\$88.00	\$90.64
W-18-6	DIRECTIONAL BORE 12" HDPE PIPE	LF	\$120.00	\$123.60
W-18-7	DIRECTIONAL BORE 14" HDPE PIPE	LF	\$160.00	\$164.80
W-18-8	DIRECTIONAL BORE 16" HDPE PIPE	LF	\$190.00	\$195.70
W-18-9	DIRECTIONAL BORE 18" HDPE PIPE	LF	\$255.00	\$262.65
W-18-10	DIRECTIONAL BORE 2" PVC PIPE	LF	\$20.00	\$20.60
W-18-11	DIRECTIONAL BORE 4" PVC PIPE	LF	\$38.00	\$39.14
W-18-12	DIRECTIONAL BORE 6" PVC PIPE	LF	\$54.00	\$55.62
W-18-13	DIRECTIONAL BORE 8" PVC PIPE	LF	\$83.00	\$85.49
W-18-14	DIRECTIONAL BORE 10" PVC PIPE	LF	\$116.00	\$119.48
W-18-15	DIRECTIONAL BORE 12" PVC PIPE	LF	\$160.00	\$164.80
W-18-16	DIRECTIONAL BORE 16" PVC PIPE	LF	\$270.00	\$278.10
W-19	BLOW-OFF ASSEMBLY ON WATER MAIN	EA	\$2,340.00	\$2,410.20
W-20-1	ADJUST EXISTING VALVE BOX	EA	\$540.00	\$556.20
W-20-2	ADJUST EXISTING METER BOX	EA	\$375.00	\$386.25
W-21-1	TEMPORARY JUMPER CONNECTION	EA	\$2,445.00	\$2,518.35
W-22-2	ABANDON WATER SERVICE	EA	\$430.00	\$442.90
W-22-3	ABANDON WATER MAIN	LS	\$2,860.00	\$2,945.80
SANITARY SEWER CONSTRUCTION (012200-42)				
S-01-1	6" PVC, 0' - 6'	LF	\$38.00	\$39.14
S-01-2	6" PVC, 6' - 12'	LF	\$45.00	\$46.35
S-01-3	6" PVC, 12' - 18'	LF	\$79.00	\$81.37
S-01-4	6" PVC, 18 - 24'	LF	\$158.00	\$162.74
S-01-5	8" PVC, 0' - 6'	LF	\$49.00	\$50.47
S-01-6	8" PVC, 6' - 12'	LF	\$55.00	\$56.65
S-01-7	8" PVC, 12' - 18'	LF	\$89.00	\$91.67

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
S-01-8	8" PVC, 18' - 24'	LF	\$168.00	\$173.04
S-01-9	10" PVC, 0' - 6'	LF	\$59.00	\$60.77
S-01-10	10" PVC, 6' - 12'	LF	\$66.00	\$67.98
S-01-11	10" PVC, 12' - 18'	LF	\$102.00	\$105.06
S-01-12	10" PVC, 18' - 24'	LF	\$185.00	\$190.55
S-01-13	12" PVC, 0' - 6'	LF	\$73.00	\$75.19
S-01-14	12" PVC, 6' - 12'	LF	\$80.00	\$82.40
S-01-15	12" PVC, 12' - 18'	LF	\$118.00	\$121.54
S-01-16	12" PVC, 18' - 24'	LF	\$205.00	\$211.15
S-02-1	SEWER MANHOLE W/EPOXY, 0' - 6'	EA	\$3,975.00	\$5,035.00
S-02-2	SEWER MANHOLE W/EPOXY, 6' - 12'	EA	\$5,300.00	\$6,678.00
S-02-3	SEWER MANHOLE W/EPOXY, 12' - 18'	EA	\$9,025.00	\$11,198.00
S-02-4	SEWER MANHOLE W/EPOXY, 18' - 24'	EA	\$14,275.00	\$16,395.00
S-02-5	SEWER MANHOLE W/HDPE LINER, 0' - 6'	EA	\$8,675.00	\$9,735.00
S-02-6	SEWER MANHOLE W/HDPE LINER, 6' - 12'	EA	\$10,225.00	\$12,345.00
S-02-7	SEWER MANHOLE W/HDPE LINER, 12' - 18'	EA	\$16,075.00	\$20,368.00
S-02-8	SEWER MANHOLE W/HDPE LINER, 18' - 24'	EA	\$21,325.00	\$26,625.00
S-02-9	SEWER MANHOLE OVER EXISTING PIPE, 0' - 6'	EA	\$4,800.00	\$5,860.00
S-02-10	SEWER MANHOLE OVER EXISTING PIPE, 6' - 12'	EA	\$6,125.00	\$7,503.00
S-02-11	SEWER MANHOLE OVER EXISTING PIPE, 12' - 18'	EA	\$9,950.00	\$12,123.00
S-02-12	SEWER MANHOLE OVER EXISTING PIPE, 18' - 24'	EA	\$15,200.00	\$17,320.00
S-02-13	SEWER MANHOLE OVER EXISTING PIPE WITH HDPE LINER, 0' - 6'	EA	\$9,525.00	\$10,585.00
S-02-14	SEWER MANHOLE OVER EXISTING PIPE WITH HDPE LINER , 6' - 12'	EA	\$11,075.00	\$13,195.00
S-02-15	SEWER MANHOLE OVER EXISTING PIPE WITH HDPE LINER, 12' - 18'	EA	\$17,025.00	\$21,318.00
S-02-16	SEWER MANHOLE OVER EXISTING PIPE WITH HDPE LINER, 18' - 24'	EA	\$22,275.00	\$27,575.00
S-02-17	CONFLICT MANHOLE, 0' - 6'	EA	\$5,650.00	\$6,710.00
S-02-18	CONFLICT MANHOLE, 6' - 12'	EA	\$6,975.00	\$8,353.00
S-02-19	CONFLICT MANHOLE, 12' - 18'	EA	\$10,900.00	\$13,073.00
S-02-20	CONFLICT MANHOLE, 18' - 24'	EA	\$16,150.00	\$18,270.00
S-02-21	REMOVE & REPLACE SEWER MANHOLE, 0' - 6'	EA	\$4,800.00	\$5,860.00
S-02-22	REMOVE & REPLACE SEWER MANHOLE, 6' - 12'	EA	\$6,350.00	\$7,728.00
S-02-23	REMOVE & REPLACE SEWER MANHOLE, 12' - 18'	EA	\$10,900.00	\$13,073.00
S-02-24	REMOVE & REPLACE INVERTS IN EXISTING MANHOLE	EA	\$975.00	\$1,004.25

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
S-02-25	CORE & CONNECT TO EXISTING MANHOLE 4" - 12"	EA	\$2,500.00	\$2,575.00
S-03-1	REMOVE EXISTING 22" RING & COVER & REPLACE WITH 24" HINGED RING & COVER	EA	\$1,650.00	\$1,699.50
S-03-2	REMOVE EXISTING 32" RING & COVER & REPLACE WITH 32" HINGED RING & COVER	EA	\$2,990.00	\$3,079.70
S-03-3	REMOVE EXISTING 22" RING & COVER & REPLACE WITH 24" HINGED RING & COVER,	EA	\$810.00	\$834.30
S-03-4	REMOVE EXISTING 32" RING & COVER & REPLACE WITH 32" HINGED RING & COVER,	EA	\$810.00	\$834.30
S-05	ADJUST EXISTING MANHOLE RING & COVER TO GRADE	EA	\$810.00	\$834.30
S-06-1	6" SEWER SERVICE DROP CONNECTION, 0' - 6'	EA	\$2,325.00	\$2,394.75
S-06-2	6" SEWER SERVICE DROP CONNECTION, 6' - 12'	EA	\$3,800.00	\$3,914.00
S-06-3	6" SEWER SERVICE DROP CONNECTION, 12' - 18'	EA	\$5,700.00	\$5,871.00
S-06-4	6" SEWER SERVICE DROP CONNECTION, 18' - 24'	EA	\$7,600.00	\$7,828.00
S-06-5	8" SEWER MANHOLE DROP CONNECTION, 0' - 6'	EA	\$2,625.00	\$2,703.75
S-06-6	8" SEWER MANHOLE DROP CONNECTION, 6' - 12'	EA	\$4,150.00	\$4,274.50
S-06-7	8" SEWER MANHOLE DROP CONNECTION, 12' - 18'	EA	\$6,100.00	\$6,283.00
S-06-8	8" SEWER MANHOLE DROP CONNECTION, 18' - 24'	EA	\$8,050.00	\$8,291.50
S-06-9	10" SEWER MANHOLE DROP CONNECTION, 0' - 6'	EA	\$3,100.00	\$3,193.00
S-06-10	10" SEWER MANHOLE DROP CONNECTION, 6' - 12'	EA	\$4,675.00	\$4,815.25
S-06-11	10" SEWER MANHOLE DROP CONNECTION, 12' - 18'	EA	\$6,675.00	\$6,875.25
S-06-12	10" SEWER MANHOLE DROP CONNECTION, 18' - 24'	EA	\$8,675.00	\$8,935.25
S-06-13	12" SEWER MANHOLE DROP CONNECTION, 0' - 6'	EA	\$3,650.00	\$3,759.50
S-06-14	12" SEWER MANHOLE DROP CONNECTION, 6' - 12'	EA	\$5,725.00	\$5,896.75
S-06-15	12" SEWER MANHOLE DROP CONNECTION, 12' - 18'	EA	\$7,375.00	\$7,596.25
S-06-16	12" SEWER MANHOLE DROP CONNECTION, 18' - 24'	EA	\$9,450.00	\$9,733.50
S-07	RESURFACE EXISTING MANHOLES	VFT	\$545.00	\$561.35
S-09-1	6" 2-WAY CLEANOUT, 0' - 6'	EA	\$615.00	\$633.45
S-09-2	6" 2-WAY CLEANOUT, 6' - 12'	EA	\$870.00	\$896.10
S-09-3	6" 2-WAY CLEANOUT, 12' - 18'	EA	\$1,310.00	\$1,349.30
S-09-4	8" 2-WAY CLEANOUT, 0' - 6'	EA	\$1,105.00	\$1,138.15
S-09-5	8" 2-WAY CLEANOUT, 6' - 12'	EA	\$1,355.00	\$1,395.65
S-09-6	8" 2-WAY CLEANOUT, 12' - 18'	EA	\$1,795.00	\$1,848.85
S-10-1	8" X 6" PVC WYE & BEND	EA	\$210.00	\$216.30
S-10-2	10" X 6" PVC WYE & BEND	EA	\$375.00	\$386.25
S-10-3	12" X 6" PVC WYE & BEND	EA	\$490.00	\$504.70
S-11	6" PVC SEWER SERVICE	LF	\$38.00	\$39.14

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
S-12	TELEVISION INSPECTION – SEWER MAIN EXPORATION (OTHER PURPOSES THAN ITEMS B1 - F16)	LF	\$2.50	\$2.58
S-15-1	SEWER MAIN POINT REPAIRS 6" MAIN 0' – 6'	LF	\$1,920.00	\$1,977.60
S-15-2	SEWER MAIN POINT REPAIRS 6" MAIN 6' – 12'	LF	\$2,755.00	\$2,837.65
S-15-3	SEWER MAIN POINT REPAIRS 6" MAIN 12' – 18'	LF	\$4,425.00	\$4,557.75
S-15-4	SEWER MAIN POINT REPAIRS 8" MAIN 0' – 6'	LF	\$2,095.00	\$2,157.85
S-15-5	SEWER MAIN POINT REPAIRS 8" MAIN 6' – 12'	LF	\$2,935.00	\$3,023.05
S-15-6	SEWER MAIN POINT REPAIRS 8" MAIN 12' – 18'	LF	\$4,605.00	\$4,743.15
S-15-7	SEWER MAIN POINT REPAIRS 8" MAIN 18' – 24'	LF	\$8,785.00	\$9,048.55
S-15-8	SEWER MAIN POINT REPAIRS 10" MAIN 0' – 6'	LF	\$2,400.00	\$2,472.00
S-15-9	SEWER MAIN POINT REPAIRS 10" MAIN 6' – 12'	LF	\$3,235.00	\$3,332.05
S-15-10	SEWER MAIN POINT REPAIRS 10" MAIN 12' – 18'	LF	\$4,905.00	\$5,052.15
S-15-11	SEWER MAIN POINT REPAIRS 10" MAIN 18' – 24'	LF	\$9,085.00	\$9,357.55
S-15-12	SEWER MAIN POINT REPAIRS 12" MAIN 0' – 6'	LF	\$3,555.00	\$3,661.65
S-15-13	SEWER MAIN POINT REPAIRS 12" MAIN 6' – 12'	LF	\$5,225.00	\$5,381.75
S-15-14	SEWER MAIN POINT REPAIRS 12" MAIN 12' – 18'	LF	\$6,900.00	\$7,107.00
S-15-15	SEWER MAIN POINT REPAIRS 12" MAIN 18' – 24'	LF	\$10,245.00	\$10,552.35
S-16-1	BYPASS PUMPING, 0 – 250 GPM	DAY	\$7,955.00	\$8,193.65
S-16-2	BYPASS PUMPING, 250 – 500 GPM	DAY	\$8,165.00	\$8,409.95
S-16-3	BYPASS PUMPING, 500 – 750 GPM	DAY	\$14,835.00	\$15,280.05
S-16-4	BYPASS PUMPING, 750 – 1,000 GPM	DAY	\$15,670.00	\$16,140.10
S-17-1	BORE & JACK 18" STEEL CASING W/ 6" PVC	LF	\$1,165.00	\$1,199.95
S-17-2	BORE & JACK 18" STEEL CASING W/ 8" PVC	LF	\$1,180.00	\$1,215.40
S-17-3	BORE & JACK 24" STEEL CASING W/ 8" PVC	LF	\$1,195.00	\$1,230.85
S-17-4	BORE & JACK 24" STEEL CASING W/ 10" PVC	LF	\$1,215.00	\$1,251.45
S-17-5	BORE & JACK 24" STEEL CASING W/ 12" PVC	LF	\$1,230.00	\$1,266.90
S-17-6	BORE & JACK 30" STEEL CASING W/ 12" PVC	LF	\$1,270.00	\$1,308.10
S-18-1	DIRECTIONAL BORE 2" HDPE PIPE	LF	\$17.00	\$17.51
S-18-2	DIRECTIONAL BORE 4" HDPE PIPE	LF	\$34.00	\$35.02
S-18-3	DIRECTIONAL BORE 6" HDPE PIPE	LF	\$44.00	\$45.32
S-18-4	DIRECTIONAL BORE 8" HDPE PIPE	LF	\$65.00	\$66.95
S-18-5	DIRECTIONAL BORE 10" HDPE PIPE	LF	\$88.00	\$90.64
S-18-6	DIRECTIONAL BORE 12" HDPE PIPE	LF	\$120.00	\$123.60
S-18-7	DIRECTIONAL BORE 14" HDPE PIPE	LF	\$160.00	\$164.80

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
S-18-8	DIRECTIONAL BORE 16" HDPE PIPE	LF	\$190.00	\$195.70
S-18-9	DIRECTIONAL BORE 18" HDPE PIPE	LF	\$255.00	\$262.65
S-19-1	ABANDON SANITARY SEWER MAIN	LS	\$2,630.00	\$2,708.90
S-19-2	ABANDON AND REMOVE SANITARY SEWER MANHOLE	EA	\$1,675.00	\$1,725.25
S-19-3	ABANDON SANITARY SEWER FORCEMAIN	LS	\$2,860.00	\$2,945.80
S-19-4	FORCE MAIN GROUTING	CY	\$301.00	\$310.03
S-21-1	4" HDPE FORCE MAIN RISER PIPE REPLACEMENT AT LIFT STATION	LF	\$490.00	\$504.70
S-21-2	6" HDPE FORCE MAIN RISER PIPE REPLACEMENT AT LIFT STATION	LF	\$525.00	\$540.75
S-21-3	8" HDPE FORCE MAIN RISER PIPE REPLACEMENT AT LIFT STATION	LF	\$625.00	\$643.75
S-21-4	10" HDPE FORCE MAIN RISER PIPE REPLACEMENT AT LIFT STATION	LF	\$725.00	\$746.75
S-21-5	12" HDPE FORCE MAIN RISER PIPE REPLACEMENT AT LIFT STATION	LF	\$835.00	\$860.05
S-22-1	2" PVC FORCE MAIN	LF	\$18.00	\$18.54
S-22-2	4" PVC FORCE MAIN	LF	\$25.00	\$25.75
S-22-3	6" PVC FORCE MAIN	LF	\$33.00	\$33.99
S-22-4	8" PVC FORCE MAIN	LF	\$45.00	\$46.35
S-22-5	10" PVC FORCE MAIN	LF	\$64.00	\$65.92
S-22-6	12" PVC FORCE MAIN	LF	\$85.00	\$87.55
S-22-7	16" PVC FORCE MAIN	LF	\$145.00	\$149.35
S-22-8	18" PVC FORCE MAIN	LF	\$177.00	\$182.31
S-22-9	24" PVC FORCE MAIN	LF	\$300.00	\$309.00
S-22-10	4" DIP FORCE MAIN	LF	\$89.00	\$91.67
S-22-11	6" DIP FORCE MAIN	LF	\$74.00	\$76.22
S-22-12	8" DIP FORCE MAIN	LF	\$91.00	\$93.73
S-22-13	12" DIP FORCE MAIN	LF	\$135.00	\$139.05
S-22-14	16" DIP FORCE MAIN	LF	\$182.00	\$187.46
S-22-15	18" DIP FORCE MAIN	LF	\$211.00	\$217.33
S-22-16	24" DIP FORCE MAIN	LF	\$290.00	\$298.70
S-22-17	30" DIP FORCE MAIN	LF	\$480.00	\$494.40
S-23-1	2" PVC SCH 80 FITTINGS	EA	\$29.00	\$29.87
S-23-2	DIP MJ FITTINGS, 4"	EA	\$585.00	\$602.55
S-23-3	DIP MJ FITTINGS, 6"	EA	\$830.00	\$854.90
S-23-4	DIP MJ FITTINGS, 8"	EA	\$1,080.00	\$1,112.40
S-23-5	DIP MJ FITTINGS, 10"	EA	\$1,540.00	\$1,586.20

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
S-23-6	DIP MJ FITTINGS, 12"	EA	\$1,830.00	\$1,884.90
S-23-7	DIP MJ FITTINGS, 16"	EA	\$3,290.00	\$3,388.70
S-23-8	DIP MJ FITTINGS, 18"	EA	\$4,675.00	\$4,815.25
S-23-9	DIP MJ FITTINGS, 24"	EA	\$9,070.00	\$9,342.10
S-23-10	DIP MJ FITTINGS, 30"	EA	\$15,365.00	\$15,825.95
S-25-1	4" PLUG VALVE & VALVE BOX	EA	\$1,740.00	\$1,792.20
S-25-2	6" PLUG VALVE & VALVE BOX	EA	\$2,140.00	\$2,204.20
S-25-3	8" PLUG VALVE & VALVE BOX	EA	\$2,855.00	\$2,940.65
S-25-4	10" PLUG VALVE & VALVE BOX	EA	\$3,700.00	\$3,811.00
S-25-5	12" PLUG VALVE & VALVE BOX	EA	\$4,530.00	\$4,665.90
S-25-6	16" PLUG VALVE & VALVE BOX	EA	\$9,925.00	\$10,222.75
S-25-7	18" PLUG VALVE & VALVE BOX	EA	\$12,235.00	\$12,602.05
S-25-8	24" PLUG VALVE & VALVE BOX	EA	\$21,805.00	\$22,459.15
S-25-9	4" FLANGED PLUG VALVE	EA	\$1,065.00	\$1,096.95
S-25-10	6" FLANGED PLUG VALVE	EA	\$1,535.00	\$1,581.05
S-25-11	8" FLANGED PLUG VALVE	EA	\$2,115.00	\$2,178.45
S-25-12	10" FLANGED PLUG VALVE	EA	\$3,395.00	\$3,496.85
S-25-13	12" FLANGED PLUG VALVE	EA	\$4,215.00	\$4,341.45
S-25-14	4" FLANGED CHECK VALVE	EA	\$1,290.00	\$1,328.70
S-25-15	6" FLANGED CHECK VALVE	EA	\$2,010.00	\$2,070.30
S-25-16	8" FLANGED CHECK VALVE	EA	\$3,165.00	\$3,259.95
S-25-17	10" FLANGED CHECK VALVE	EA	\$4,555.00	\$4,691.65
S-25-18	12" FLANGED CHECK VALVE	EA	\$6,440.00	\$6,633.20
S-27-1	AIR RELEASE VALVE ASSEMBLY – INSIDE VAULT BELOW GROUND	EA	\$16,775.00	\$17,278.25
S-27-2	AIR RELEASE VALVE ASSEMBLY – ABOVE GROUND	EA	\$7,775.00	\$8,008.25
S-27-3	AIR RELEASE VALVE ASSEMBLY – TYPE C	EA	\$0.00	\$0.00
S-28	SEWAGE TANKER PUMPING	HR	\$330.00	\$339.90
RECLAIMED WATER CONSTRUCTION (012200-52)				
R-01-1	2" PVC RECLAIMED WATER MAIN	LF	\$18.00	\$18.54
R-01-2	4" PVC RECLAIMED WATER MAIN	LF	\$25.00	\$25.75
R-01-3	6" PVC RECLAIMED WATER MAIN	LF	\$33.00	\$33.99
R-01-4	8" PVC RECLAIMED WATER MAIN	LF	\$45.00	\$46.35
R-01-5	12" PVC RECLAIMED WATER MAIN	LF	\$85.00	\$87.55

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
R-01-6	16" PVC RECLAIMED WATER MAIN	LF	\$145.00	\$149.35
R-01-7	18" PVC RECLAIMED WATER MAIN	LF	\$177.00	\$182.31
R-01-8	4" DIP RECLAIMED WATER MAIN	LF	\$64.00	\$65.92
R-01-9	6" DIP RECLAIMED WATER MAIN	LF	\$50.00	\$51.50
R-01-10	8" DIP RECLAIMED WATER MAIN	LF	\$61.00	\$62.83
R-01-11	12" DIP RECLAIMED WATER MAIN	LF	\$94.00	\$96.82
R-01-12	16" DIP RECLAIMED WATER MAIN	LF	\$130.00	\$133.90
R-01-13	18" DIP RECLAIMED WATER MAIN	LF	\$148.00	\$152.44
R-03-1	2" PVC SCH 80 FITTINGS	EA	\$28.00	\$28.84
R-03-2	DIP MJ FITTINGS, 4"	EA	\$355.00	\$365.65
R-03-3	DIP MJ FITTINGS, 6"	EA	\$505.00	\$520.15
R-03-4	DIP MJ FITTINGS, 8"	EA	\$635.00	\$654.05
R-03-5	DIP MJ FITTINGS, 10"	EA	\$880.00	\$906.40
R-03-6	DIP MJ FITTINGS, 12"	EA	\$1,050.00	\$1,081.50
R-03-7	DIP MJ FITTINGS, 14"	EA	\$1,595.00	\$1,642.85
R-03-8	DIP MJ FITTINGS, 16"	EA	\$2,125.00	\$2,188.75
R-03-9	DIP MJ FITTINGS, 18"	EA	\$2,700.00	\$2,781.00
R-03-10	DIP MJ CROSS 4"	EA	\$690.00	\$710.70
R-03-11	DIP MJ CROSS 6"	EA	\$890.00	\$916.70
R-03-12	DIP MJ CROSS 8"	EA	\$1,045.00	\$1,076.35
R-03-13	DIP MJ CROSS 10"	EA	\$1,535.00	\$1,581.05
R-03-14	DIP MJ CROSS 12"	EA	\$2,020.00	\$2,080.60
R-03-15	DIP MJ CROSS 14"	EA	\$3,235.00	\$3,332.05
R-03-16	DIP MJ CROSS 16"	EA	\$4,690.00	\$4,830.70
R-03-17	DIP MJ CROSS 18"	EA	\$5,800.00	\$5,974.00
R-05-1	2" GATE VALVE WITH SST STEM & VALVE BOX	EA	\$1,020.00	\$1,050.60
R-05-2	4" GATE VALVE WITH SST STEM & VALVE BOX	EA	\$1,365.00	\$1,405.95
R-05-3	6" GATE VALVE WITH SST STEM & VALVE BOX	EA	\$1,660.00	\$1,709.80
R-05-4	8" GATE VALVE WITH SST STEM & VALVE BOX	EA	\$2,270.00	\$2,338.10
R-05-5	10" GATE VALVE WITH SST STEM & VALVE BOX	EA	\$3,240.00	\$3,337.20
R-05-6	12" BUTTERFLY VALVE WITH SST STEM & VALVE BOX	EA	\$2,920.00	\$3,007.60
R-05-7	16" BUTTERFLY VALVE WITH SST STEM & VALVE BOX	EA	\$5,015.00	\$5,165.45
R-05-8	18" BUTTERFLY VALVE WITH SST STEM & VALVE BOX	EA	\$6,145.00	\$6,329.35

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
R-05-9	24" BUTTERFLY VALVE WITH SST STEM & VALVE BOX	EA	\$10,990.00	\$11,319.70
R-14-1	1" SINGLE RECLAIMED WATER SERVICE – SHORT	EA	\$610.00	\$628.30
R-14-2	1" SINGLE RECLAIMED WATER SERVICE – LONG	EA	\$1,035.00	\$1,066.05
R-14-3	1" DOUBLE RECLAIMED WATER SERVICE – SHORT	EA	\$890.00	\$916.70
R-14-4	1" DOUBLE RECLAIMED WATER SERVICE – LONG	EA	\$1,280.00	\$1,318.40
R-14-5	2" SINGLE RECLAIMED WATER SERVICE – SHORT	EA	\$2,920.00	\$3,007.60
R-14-6	2" SINGLE RECLAIMED WATER SERVICE – LONG	EA	\$3,470.00	\$3,574.10
R-14-7	2" DOUBLE RECLAIMED WATER SERVICE – SHORT	EA	\$3,990.00	\$4,109.70
R-14-8	2" DOUBLE RECLAIMED WATER SERVICE – LONG	EA	\$4,570.00	\$4,707.10
R-16-1	2" TAP ON EXISTING 8" RECLAIMED WATER MAIN W/ VALVE & SST STEM	EA	\$1,310.00	\$1,349.30
R-16-2	2" TAP ON EXISTING 12" RECLAIMED WATER MAIN W/ VALVE & SST STEM	EA	\$1,500.00	\$1,545.00
R-16-3	8" TAP ON EXISTING 8" RECLAIMED WATER MAIN W/ VALVE & SST STEM	EA	\$4,370.00	\$4,501.10
R-16-4	8" TAP ON EXISTING 12" RECLAIMED WATER MAIN W/ VALVE & SST STEM	EA	\$4,475.00	\$4,609.25
R-16-5	12" TAP ON EXISTING 12" RECLAIMED WATER MAIN W/ VALVE & SST STEM	EA	\$8,750.00	\$9,012.50
R-16-6	16" TAP ON EXISTING 16" RECLAIMED WATER MAIN W/ VALVE & SST STEM	EA	\$17,275.00	\$17,793.25
R-18-1	DIRECTIONAL BORE 2" PVC	LF	\$20.00	\$20.60
R-18-2	DIRECTIONAL BORE 4" PVC	LF	\$38.00	\$39.14
R-18-3	DIRECTIONAL BORE 6" PVC	LF	\$54.00	\$55.62
R-18-4	DIRECTIONAL BORE 8" PVC	LF	\$83.00	\$85.49
R-18-5	DIRECTIONAL BORE 10" PVC	LF	\$116.00	\$119.48
R-18-6	DIRECTIONAL BORE 12" PVC	LF	\$160.00	\$164.80
R-18-7	DIRECTIONAL BORE 16" PVC	LF	\$270.00	\$278.10
R-18-8	DIRECTIONAL BORE 2" HDPE	LF	\$17.00	\$17.51
R-18-9	DIRECTIONAL BORE 4" HDPE	LF	\$34.00	\$35.02
R-18-10	DIRECTIONAL BORE 6" HDPE	LF	\$44.00	\$45.32
R-18-11	DIRECTIONAL BORE 8" HDPE	LF	\$65.00	\$66.95
R-18-12	DIRECTIONAL BORE 10" HDPE	LF	\$88.00	\$90.64
R-18-13	DIRECTIONAL BORE 12" HDPE	LF	\$120.00	\$123.60
R-18-14	DIRECTIONAL BORE 16" HDPE	LF	\$190.00	\$195.70
R-22-1	ABANDON RECLAIMED WATER MAIN	LS	\$2,860.00	\$2,945.80
*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	\$187.50	\$193.13

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
B2	TEST AND SEAL JOINTS, 12-INCH AND 15-INCH GRAVITY PIPE	EA	\$187.50	\$193.13
B3	TEST AND SEAL JOINTS, 18-INCH AND 21-INCH GRAVITY PIPE	EA	\$250.00	\$257.50
B4	WORK IN REAR-YARD EASEMENT - (ITEMS B1 THROUGH F16)	EA	\$493.75	\$508.56
B5	CHEMICAL GROUT FOR SEALING SEWER JOINTS	GAL	\$27.50	\$28.33
B6	CHEMICAL ROOT REMOVAL (8-INCH THROUGH 12-INCH)	LF	\$5.00	\$5.15
B7	CHEMICAL ROOT REMOVAL (15-INCH THROUGH 21-INCH)	LF	\$5.65	\$5.82
B8	GROUT/SEAL LATERAL CONNECTION 8 & 10 MAIN, 4 & 6-INCH LATERALS (3' MINIMUM)	EA	\$331.25	\$341.19
B9	GROUT/SEAL LATERAL CONNECTION 12 & 15 MAIN, 4 & 6-INCH LATERALS (3' MINIMUM)	EA	\$375.00	\$386.25
B10	GROUT/SEAL LATERAL CONNECTION 18 & 24 MAIN, 4 & 6-INCH LATERALS (3' MINIMUM)	EA	\$500.00	\$515.00
SECTIONAL AND LATERAL LINERS				
D1	INSTALL CURED-IN-PLACE SECTIONAL PIPE LINERS, 6-INCH TO 12-INCH DIAMETER	EA	\$4,226.25	\$4,353.04
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	\$120.75	\$124.37
D3	INSTALL CURED-IN-PLACE SECTIONAL PIPE LINERS, 15-INCH TO 18-INCH DIAMETER (UP TO 6 FEET IN LENGTH, ALL DEPTHS)	EA	\$8,193.75	\$8,439.56
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	\$189.75	\$195.44
D5	INSTALL CURED-IN-PLACE SECTIONAL PIPE LINERS, 21-INCH DIAMETER (UP TO 6 FEET IN LENGTH, ALL DEPTHS)	EA	\$10,120.00	\$10,423.60
D6	INSTALL CURED-IN-PLACE SECTIONAL PIPE LINERS, 21-INCH DIAMETER (PER LINEAR FOOT BEYONE 6 FEET IN LENGTH, ALL DEPTHS)	LF	\$247.25	\$254.67
D7	REINSTATE LATERALS AND GROUT ANNULAR SPACE	EA	\$630.00	\$648.90
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	\$4,887.50	\$5,034.13
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	\$6,555.00	\$6,751.65
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	\$7,894.75	\$8,131.59
D11	FCLRL - CURED-IN-PLACE LATERAL LINER 24-INCH MAIN, 4 & 6-INCH LATERAL PIPE, UP TO 15 LINEAR FEET (ALL DEPTHS)	EA	\$10,183.25	\$10,488.75
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	\$4,250.40	\$4,377.91
D14	LATERAL LINER 4 & 6-INCH PIPE, GREATER THAN 15 LINEAR FEET (ALL DEPTHS)	LF	\$109.25	\$112.53
D15	INSTALL CIP LINER IN 4-INCH TO 6-INCH LATERALS, ALL DEPTHS (INCLUDES 15 FEET OF LATERAL)	EA	\$3,565.00	\$3,671.95
D16	INSTALL CIP LINER IN 4-INCH TO 6-INCH LATERALS, ALL DEPTHS (PER LINEAR FOOT BEYOND 15 FEET OF LATERAL PIPE)	LF	\$109.25	\$112.53
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	\$3,967.50	\$4,086.53
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	\$6,583.75	\$6,781.26

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
D19	10- INCH MAIN WITH 4-INCH TO 6-INCH LATERAL PIPE, UP TO 6 INCHES OF LATERAL PIPING, ALL DEPTHS	EA	\$3,967.50	\$4,086.53
D20	TO 21-INCH MAIN, 4-INCH & 6-INCH LATERAL PIPE, UP TO 6 INCHES OF LATERAL PIPING, ALL DEPTHS	EA	\$6,583.75	\$6,781.26
D21	TRANSITIONAL LINER 6-INCH TO 4-INCH	EA	\$575.00	\$592.25
D22	COATING REMOVAL/SURFACE PREPARATION (ITEMS D17 - D20)	EA	\$327.75	\$337.58
D23	SEWER LATERAL TV INSPECTION FROM MAIN WITH PAN & TILT CAMERA (UP TO 30 FEET)	EA	\$408.25	\$420.50
D24	SEWER LATERAL TV INSPECTION FROM MAIN with PAN & TILT CAMERA (BEYOND 30 FEET)	LF	\$9.20	\$9.48
D25	SEWER LATERAL TV INSPECTION FROM CLEANOUT (UP TO 30 FEET)	EA	\$327.75	\$337.58
D26	SEWER LATERAL TV INSPECTION FROM CLEANOUT (BEYOND 30 FEET)	LF	\$9.20	\$9.48
D27	LATERAL PIPE GROUTING TO FACILITATE PROPER LATERAL LINER INSTALLATION	EA	\$2,587.50	\$2,665.13
D28	LATERAL PIPE TESTING (10% OF INSTALLATIONS)	EA	\$517.50	\$533.03
CIP MAINLINE PIPE LINING				
E1	INSTALL CURED-IN-PLACE LINER, 18-INCH DIAMETER GRAVITY MAINS (6 TO 12 FEET IN DEPTH)	LF	\$138.00	\$142.14
E2	INSTALL CURED-IN-PLACE LINER, 18-INCH DIAMETER GRAVITY MAINS (12 TO 16 FEET IN DEPTH)	LF	\$138.00	\$142.14
E3	INSTALL CURED-IN-PLACE LINER, 21-INCH DIAMETER GRAVITY MAINS (6 TO 12 FEET IN DEPTH)	LF	\$270.00	\$278.10
E4	INSTALL CURED-IN-PLACE LINER, 21-INCH DIAMETER GRAVITY MAINS (12 TO 16 FEET IN DEPTH)	LF	\$270.00	\$278.10
E5	INSTALL CURED-IN-PLACE LINER, 24-INCH DIAMETER GRAVITY MAINS (6 TO 12 FEET IN DEPTH)	LF	\$286.00	\$294.58
E6	INSTALL CURED-IN-PLACE LINER, 24-INCH DIAMETER GRAVITY MAINS (12 TO 18 FEET IN DEPTH)	LF	\$286.00	\$294.58
E7	INSTALL CURED-IN-PLACE LINER, 30-INCH DIAMETER GRAVITY MAINS (6 TO 12 FEET IN DEPTH)	LF	\$360.00	\$370.80
E8	INSTALL CURED-IN-PLACE LINER, 30-INCH DIAMETER GRAVITY MAINS (12 TO 18 FEET IN DEPTH)	LF	\$360.00	\$370.80
FORM AND FORM PIPE LINING				
F1	INSTALL FOLD AND FORM LINER, 8-INCH DIAMETER GRAVITY MAINS (ALL DEPTHS)	LF	\$35.00	\$36.05
F2	INSTALL FOLD AND FORM LINER, 10-INCH DIAMETER GRAVITY MAINS (ALL DEPTHS)	LF	\$45.00	\$46.35
F3	INSTALL FOLD AND FORM LINER, 12-INCH DIAMETER GRAVITY MAINS (ALL DEPTHS)	LF	\$50.00	\$51.50
F4	INSTALL FOLD AND FORM LINER, 15-INCH DIAMETER GRAVITY MAINS (ALL DEPTHS)	LF	\$105.00	\$108.15
F5	SEWER MAIN CLEANING AND TV INSPECTION (8-INCH THROUGH 12-INCH)	LF	\$2.35	\$2.42
F6	SEWER MAIN CLEANING AND TV INSPECTION (15-INCH THROUGH 21-INCH)	LF	\$3.10	\$3.19
F7	SEWER MAIN CLEANING AND TV INSPECTION (21-INCH THROUGH 24-INCH)	LF	\$5.60	\$5.77
F8	REINSTATE LATERALS AND GROUT ANNULAR SPACE	EA	\$495.00	\$509.85
F9	MECHANICAL ROOT OR GREASE REMOVAL (12-INCH AND SMALLER)	LF	\$4.15	\$4.27
F10	MECHANICAL ROOT OR GREASE REMOVAL (15-INCH THROUGH 24-INCH)	LF	\$8.15	\$8.39
F11	MECHANICAL TUBERCULATION REMOVAL (12-INCH OR SMALLER)	LF	\$22.50	\$23.18

ITEM #	DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	3% Increase
F12	MECHANICAL TUBERCULATION REMOVAL (15-INCH THROUGH 24-INCH)	LF	\$31.25	\$32.19
F13	PROTRUDING SERVICE CONNECTION REMOVED BY INTERNAL MEANS	EA	\$331.25	\$341.19
F14	BYPASS PUMPING (6-INCH AND 10-INCH SEWER)	DAY	\$1,875.00	\$1,931.25
F15	BYPASS PUMPING (12-INCH AND 15-INCH SEWER)	DAY	\$10,625.00	\$10,943.75
F16	BYPASS PUMPING (18-INCH AND 30-INCH SEWER)	DAY	\$18,125.00	\$18,668.75