

				A Folino Construction		A. Merante Contracting, Inc.		FJ Zottola Construction		Independent Enterprises, Inc.		M. O'HERRON COMPANY		Mele & Mele & Sons, Inc.		W.A. Petrakis Contracting and Landscaping Company	
PROJECT NUMBER: 2020-325-106-1																	
PROJECT NAME: 2021 Small Diameter Water Main Replacement-Contract B				\$15,724,724.15		\$20,606,891.62		\$16,630,255.00		\$16,463,927.50		\$18,240,068.00		\$16,694,752.00		\$17,512,237.50	
Items	Description	UOM	Est. Qty	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost
CO-U-1	Mobilization / Demobilization, Permits, Bonds and Insurance, Maintenance and Protection of Traffic and Erosion and Sedimentation Control	LS	1	\$356,173.62	\$356,173.62	\$300,000.00	\$300,000.00	\$150,000.00	\$150,000.00	\$290,000.00	\$290,000.00	\$190,000.00	\$190,000.00	\$185,000.00	\$185,000.00	\$105,000.00	\$105,000.00
CO-U-4	Rock and Obstruction Excavation, All Depths	CY	40	\$55.31	\$2,212.40	\$48	\$1,920.00	\$100	\$4,000.00	\$75	\$3,000.00	\$20	\$800	\$34	\$1,360.00	\$65	\$2,600.00
CO-U-5	Exploratory Excavation and Backfill	CY	1000	\$91.83	\$91,830.00	\$77	\$77,000.00	\$100	\$100,000.00	\$45	\$45,000.00	\$45	\$45,000.00	\$90	\$90,000.00	\$60	\$60,000.00
CO-U-6	Hand Digging and Tunneling	MHR	100	\$65.53	\$6,553.00	\$67	\$6,700.00	\$60	\$6,000.00	\$50	\$5,000.00	\$56	\$5,600.00	\$60	\$6,000.00	\$50	\$5,000.00
CO-U-7	Additional Bedding Material, As Directed	CY	100	\$42.32	\$4,232.00	\$60	\$6,000.00	\$50	\$5,000.00	\$50	\$5,000.00	\$60	\$6,000.00	\$40	\$4,000.00	\$48	\$4,800.00
CO-U-8	Concrete Encasement	CY	10	\$202.61	\$2,026.10	\$300	\$3,000.00	\$165	\$1,650.00	\$250	\$2,500.00	\$200	\$2,000.00	\$250	\$2,500.00	\$200	\$2,000.00
CO-U-9	Concrete Anchors, Thrust Collars, and Thrust Blocks	CY	60	\$230.72	\$13,843.20	\$275	\$16,500.00	\$165	\$9,900.00	\$250	\$15,000.00	\$200	\$12,000.00	\$250	\$15,000.00	\$180	\$10,800.00
CO-U-10	Flowable Fill	CY	60	\$194.21	\$11,652.60	\$260	\$15,600.00	\$165	\$9,900.00	\$250	\$15,000.00	\$200	\$12,000.00	\$200	\$12,000.00	\$190	\$11,400.00
CO-U-11	Bypass/Dewatering Pumping as Directed	HR	100	\$38.14	\$3,814.00	\$85	\$8,500.00	\$10	\$1,000.00	\$45	\$4,500.00	\$25	\$2,500.00	\$30	\$3,000.00	\$105	\$10,500.00
CO-U-12	Flag Person	MHR	4000	\$71.90	\$287,600.00	\$65	\$260,000.00	\$60	\$240,000.00	\$58	\$232,000.00	\$60	\$240,000.00	\$70	\$280,000.00	\$64	\$256,000.00
CO-U-13	Off Duty Uniformed Officer	MHR	800	\$57.48	\$45,984.00	\$69.27	\$55,416.00	\$70	\$56,000.00	\$55	\$44,000.00	\$58	\$46,400.00	\$65	\$52,000.00	\$60	\$48,000.00
CO-U-14	Miscellaneous Work Time for a Full Crew	CHR	80	\$595.96	\$47,676.80	\$607.95	\$48,636.00	\$350	\$28,000.00	\$600	\$48,000.00	\$520	\$41,600.00	\$300	\$24,000.00	\$420	\$33,600.00
CO-U-15	Miscellaneous Premium Work for Full Time Crew	CHR	40	\$343.96	\$13,758.40	\$690	\$27,600.00	\$150	\$6,000.00	\$250	\$10,000.00	\$210	\$8,400.00	\$150	\$6,000.00	\$420	\$16,800.00
CO-W-1	4" Ductile Iron Pipe Class 52 - Zinc Coated	LF	330	\$124.46	\$41,071.80	\$129.16	\$42,622.80	\$75	\$24,750.00	\$80	\$26,400.00	\$110	\$36,300.00	\$124	\$40,920.00	\$118	\$38,940.00
CO-W-2	6" Ductile Iron Pipe Class 52 - Zinc Coated	LF	820	\$110.44	\$90,560.80	\$111.52	\$91,446.40	\$80	\$65,600.00	\$100	\$82,000.00	\$120	\$98,400.00	\$130	\$106,600.00	\$120	\$98,400.00
CO-W-3	8" Ductile Iron Pipe Class 52 - Zinc Coated	LF	5390	\$111.62	\$601,631.80	\$141.58	\$763,116.20	\$120	\$646,800.00	\$125	\$673,750.00	\$125	\$673,750.00	\$226	\$1,218,140.00	\$142	\$765,380.00
CO-W-5	12" Ductile Iron Pipe Class 52 - Zinc Coated	LF	900	\$132.89	\$119,601.00	\$186	\$167,400.00	\$165	\$148,500.00	\$155	\$139,500.00	\$175	\$157,500.00	\$158	\$142,200.00	\$250	\$225,000.00
CO-W-8	24" Ductile Iron Pipe Class 52 - Zinc Coated	LF	40	\$211.35	\$8,454.00	\$513.65	\$20,546.00	\$209	\$8,360.00	\$275	\$11,000.00	\$300	\$12,000.00	\$614	\$24,560.00	\$900	\$36,000.00
CO-W-15	Water Service Line - PEXa - 1", up to 15 LF in Total Length	EA	233	\$2,694.71	\$627,867.43	\$2,900.00	\$675,700.00	\$2,500.00	\$582,500.00	\$3,250.00	\$757,250.00	\$4,000.00	\$932,000.00	\$2,750.00	\$640,750.00	\$2,750.00	\$640,750.00
CO-W-16	Public Water Service Line - PEXa - 1-1/4 to 2-inch, up to 15 LF in Total Length.	EA	27	\$3,455.11	\$93,287.97	\$3,000.00	\$81,000.00	\$2,500.00	\$67,500.00	\$3,250.00	\$87,750.00	\$4,500.00	\$121,500.00	\$3,000.00	\$81,000.00	\$2,950.00	\$79,650.00
CO-W-17	Water Service Line - PEXa - 1", Greater Than 15 LF in Total Length	LF	1284	\$53.48	\$68,668.32	\$84	\$107,856.00	\$75	\$96,300.00	\$70	\$89,880.00	\$58	\$74,472.00	\$80	\$102,720.00	\$60	\$77,040.00
CO-W-18	Public Water Service Line - PEXa - 1-1/4 to 2-inch, Greater Than 15 LF in Total Length	LF	369	\$44.34	\$16,361.46	\$88	\$32,472.00	\$85	\$31,365.00	\$70	\$25,830.00	\$65	\$23,985.00	\$90	\$33,210.00	\$68	\$25,092.00
CO-W-19	Extra Waterline Trench Excavation and Backfill (Greater than 8 feet deep)	CY	20	\$95.51	\$1,910.20	\$85	\$1,700.00	\$45	\$900.00	\$150	\$3,000.00	\$48	\$960.00	\$50	\$1,000.00	\$66	\$1,320.00
CO-W-21	Mechanical Joint Ductile Iron Fittings - Fusion Bonded Epoxy Coating	LB	46130	\$5.23	\$241,259.90	\$6.98	\$321,987.40	\$6.25	\$288,312.50	\$4.75	\$219,117.50	\$4.50	\$207,585.00	\$1.50	\$69,195.00	\$6	\$276,780.00
CO-W-24	Remove and Salvage Existing Deep Frame and Cover, Risers and/or M.E.G. Box Outside of Trench Area	EA	110	\$111.24	\$12,236.40	\$245.26	\$26,978.60	\$25	\$2,750.00	\$300	\$33,000.00	\$100	\$11,000.00	\$150	\$16,500.00	\$150	\$16,500.00
CO-W-26	Precast Valve Manhole (10 Feet Depth)	EA	2	\$5,940.39	\$11,880.78	\$10,000.00	\$20,000.00	\$4,000.00	\$8,000.00	\$5,000.00	\$10,000.00	\$7,500.00	\$15,000.00	\$6,500.00	\$13,000.00	\$8,500.00	\$17,000.00
CO-W-29	Install New Fire Hydrant	EA	17	\$4,521.03	\$76,857.51	\$4,613.70	\$78,432.90	\$4,500.00	\$76,500.00	\$4,500.00	\$76,500.00	\$4,500.00	\$76,500.00	\$4,600.00	\$78,200.00	\$4,000.00	\$68,000.00
CO-W-31	Temporary Water Service, All Sizes	EA	20	\$100.42	\$2,008.40	\$497.69	\$9,953.80	\$500	\$10,000.00	\$300	\$6,000.00	\$150	\$3,000.00	\$150	\$3,000.00	\$320	\$6,400.00
CO-W-32	4" to 10" Sewer Lateral Encountered in Water Line Trench	LF	50	\$157.96	\$7,898.00	\$100	\$5,000.00	\$60	\$3,000.00	\$75	\$3,750.00	\$35	\$1,750.00	\$100	\$5,000.00	\$90	\$4,500.00
CO-W-33	15" Sewer Encountered in Water Line Trench	LF	10	\$204.57	\$2,045.70	\$225	\$2,250.00	\$80	\$800.00	\$100	\$1,000.00	\$50	\$500.00	\$125	\$1,250.00	\$95	\$950.00
CO-W-34	Gate Valve Installed as Part of New Water Line - 4"	EA	39	\$1,929.99	\$75,269.61	\$1,719.47	\$67,059.33	\$1,375.00	\$53,625.00	\$800	\$31,200.00	\$950	\$37,050.00	\$1,300.00	\$50,700.00	\$860	\$33,540.00
CO-W-35	Gate Valve Installed as Part of New Water Line - 6"	EA	30	\$2,066.78	\$62,003.40	\$1,899.91	\$56,997.30	\$1,675.00	\$50,250.00	\$1,000.00	\$30,000.00	\$1,100.00	\$33,000.00	\$1,500.00	\$45,000.00	\$1,050.00	\$31,500.00
CO-W-36	Gate Valve Installed as Part of New Water Line - 8"	EA	33	\$1,437.47	\$47,436.51	\$3,908.13	\$128,968.29	\$2,125.00	\$70,125.00	\$1,600.00	\$52,800.00	\$1,325.00	\$43,725.00	\$1,850.00	\$61,050.00	\$1,500.00	\$49,500.00
CO-W-38	Gate Valve Installed as Part of New Water Line - 12"	EA	6	\$2,417.40	\$14,504.40	\$6,974.89	\$41,849.34	\$3,575.00	\$21,450.00	\$3,000.00	\$18,000.00	\$2,500.00	\$15,000.00	\$3,150.17	\$18,901.00	\$2,700.00	\$16,200.00
CO-W-42	Gate Valve Installed as Part of New Water Line - 24"	EA	2	\$23,557.55	\$47,115.10	\$39,910.38	\$79,820.76	\$31,775.00	\$63,550.00	\$27,700.00	\$55,400.00	\$21,000.00	\$42,000.00	\$23,500.00	\$47,000.00	\$22,500.00	\$45,000.00
CO-W-61	Waterline - Line Stop (Single) - 20" through 24"	INCH OF DIAMETER	24	\$686.12	\$16,466.88	\$1,281.51	\$30,756.24	\$300	\$7,200.00	\$800	\$19,200.00	\$1,000.00	\$24,000.00	\$800	\$19,200.00	\$840	\$20,160.00
CO-W-65	Waterline - Line Stop (Double) - 20" through 24"	INCH OF DIAMETER	24	\$1,210.15	\$29,043.60	\$2,263.55	\$54,325.20	\$600	\$14,400.00	\$800	\$19,200.00	\$1,250.00	\$30,000.00	\$800	\$19,200.00	\$1,700.00	\$40,800.00
CO-W-72	Water Service Line Termination	EA	2	\$2,188.32	\$4,376.64	\$1,412.13	\$2,824.26	\$2,500.00	\$5,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$4,000.00	\$500	\$1,000.00	\$475	\$950.00
CO-W-87	Private Water Service Line Replacement, 2" Diameter and Less - 0 to 20 LF in Total Length	EA	124	\$2,175.73	\$269,790.52	\$5,255.93	\$651,735.32	\$5,250.00	\$651,000.00	\$3,250.00	\$403,000.00	\$4,500.00	\$558,000.00	\$2,800.00	\$347,200.00	\$4,400.00	\$545,600.00
CO-W-88	Private Water Service Line Replacement, 1" Diameter and Less - Greater Than 20 LF in Total Length	LF	1240	\$47.83	\$59,309.20	\$83.38	\$103,391.20	\$85	\$105,400.00	\$70	\$86,800.00	\$58	\$71,920.00	\$75	\$93,000.00	\$60	\$74,400.00
CO-W-90	Installation of Additional Concrete Floor Penetrations	EA	124	\$1,519.53	\$188,421.72	\$616.51	\$76,447.24	\$1,500.00	\$186,000.00	\$1,000.00	\$124,000.00	\$1,500.00	\$186,000.00	\$250	\$31,000.00	\$10	\$1,240.00
CO-W-95	Remove and Salvage Existing Fire Hydrant	EA	17	\$428.26	\$7,280.42	\$1,063.36	\$18,077.12	\$1,000.00	\$17,000.00	\$250	\$4,250.00	\$500	\$8,500.00	\$700	\$11,900.00	\$500	\$8,500.00
CO-W-98	Interior Copper Piping Greater Than 10 LF	LF	100	\$45.31	\$4,531.00	\$31.97	\$3,197.00	\$25	\$2,500.00	\$45	\$4,500.00	\$20	\$2,000.00	\$50	\$5,000.00	\$25	\$2,500.00
CO-S-4	15" PVC SDR 26 Sewer Pipe	LF	51	\$83.84	\$4,275.84	\$206.85	\$10,549.35	\$60	\$3,060.00	\$370	\$18,870.00	\$50	\$2,500.00	\$150	\$7,650.00	\$32	\$1,632.00
CO-S-35	Trench Excavation 0'-15' Depth	CY	30	\$72.50	\$2,175.00	\$83	\$2,490.00	\$100	\$3,000.00	\$125	\$3,750.00	\$140	\$4,200.00	\$35	\$1,050.00	\$75	\$2,250.00
CO-S-37	Aggregate Trench Backfill Above Pipe Zone	CY	30	\$55.55	\$1,666.50	\$81.86	\$2,455.80	\$55	\$1,650.00	\$75	\$2,250.00	\$60	\$1,800.00	\$58	\$1,740.00	\$48	\$1,440.00
CO-S-40	Additional PVC Fittings - Larger than 10"	EA	17	\$527.15	\$8,961.55	\$563.06	\$9,572.02	\$900	\$15,300.00	\$1,000.00	\$17,000.00	\$900	\$15,300.00	\$1,100.00	\$18,700.00	\$300	\$5,100.00
CO-S-63	Catch Basin - Cast-In-Place - Type 13 Modified	EA	1	\$5,477.90	\$5,477.90	\$7,400.00	\$7,400.00	\$6,500.00	\$6,500.00	\$7,000.00	\$7,000.00	\$9,500.00	\$9,500.00	\$7,000.00	\$7,000.00	\$6,500.00	\$6,500.00
CO-S-65	Catch Basin - Cast-In-Place - Type 13	EA	16	\$5,053.94	\$80,863.04	\$7,000.00	\$112,000.00	\$5,750.00	\$92,000.00	\$7,000.00	\$112,000.00	\$6,500.00	\$104,000.00	\$5,500.00	\$88,000.00	\$7,000.00	\$112,000.00
CO-S-69	Catch Basin/Inlet Tie-in	EA	17	\$343.42	\$5,838.14	\$503.77	\$8,564.09	\$500	\$8,500.00	\$100	\$1,700.00	\$350	\$5,950.00	\$250	\$4,250.00	\$450	\$7,650.00
CO-R-1	Concrete Paving Base (All Classes)	CY	1820	\$325	\$591,500.00	\$470.79	\$856,837.80	\$350	\$637,000.00	\$400	\$728,000.00	\$375	\$682,500.00	\$390	\$709,800.00	\$465	\$846,300.00
CO-R-2	Reinforced Concrete Street and Driveways																

CO-R-4	Concrete Deep Curb and Deep Radius Curb	LF	1500	\$62.15	\$93,225.00	\$78	\$117,000.00	\$45	\$67,500.00	\$70	\$105,000.00	\$40	\$60,000.00	\$29	\$43,500.00	\$75	\$112,500.00
CO-R-5	Concrete Deck Curb and Deck Radius Curb (All Finishes)	LF	50	\$62.12	\$3,106.00	\$28.30	\$1,415.00	\$35	\$1,750.00	\$35	\$1,750.00	\$38	\$1,900.00	\$24	\$1,200.00	\$75	\$3,750.00
CO-R-7	Cold Patch Bituminous Pavement Replacement	TON	1030	\$99.28	\$102,258.40	\$168.23	\$173,276.90	\$135	\$139,050.00	\$110	\$113,300.00	\$110	\$113,300.00	\$135	\$139,050.00	\$105	\$108,150.00
CO-R-8	Milling - Wearing Course	SY	18320	\$1.22	\$22,350.40	\$2.34	\$42,868.80	\$1.70	\$31,144.00	\$2	\$36,640.00	\$3	\$54,960.00	\$1.44	\$26,445.00	\$2.25	\$41,220.00
CO-R-9	Milling - Binder Course - Primary Street	SY	17230	\$0.92	\$15,851.60	\$3.09	\$53,240.70	\$2.85	\$49,105.50	\$2	\$34,460.00	\$3	\$51,690.00	\$1.71	\$29,403.00	\$3.35	\$57,720.50
CO-R-10	Milling - Binder Course - Secondary Street	SY	1100	\$5.74	\$6,314.00	\$3.09	\$3,399.00	\$2.30	\$2,530.00	\$2	\$2,200.00	\$3.25	\$3,575.00	\$2.28	\$2,503.00	\$3	\$3,300.00
CO-R-11	Bituminous Pavement Replacement - Wearing Course	TON	1520	\$82.64	\$125,612.80	\$117.22	\$178,174.40	\$111	\$168,720.00	\$100	\$152,000.00	\$110	\$167,200.00	\$86	\$130,720.00	\$114	\$173,280.00
CO-R-12	Bituminous Pavement Replacement - Binder Course Primary Street	TON	3740	\$70.20	\$262,548.00	\$102.30	\$382,602.00	\$99.50	\$372,130.00	\$90	\$336,600.00	\$110	\$411,400.00	\$75	\$280,500.00	\$98	\$366,520.00
CO-R-13	Bituminous Pavement Replacement - Binder Course Secondary Street	TON	200	\$70.08	\$14,016.00	\$100.17	\$20,034.00	\$95	\$19,000.00	\$90	\$18,000.00	\$110	\$22,000.00	\$81	\$16,200.00	\$100	\$20,000.00
CO-R-14	Blockstone Street Repaving	SY	2360	\$74.22	\$175,159.20	\$240.89	\$568,500.40	\$55	\$129,800.00	\$125	\$295,000.00	\$175	\$413,000.00	\$100	\$236,000.00	\$140	\$330,400.00
CO-R-15	Brick Street Repaving	SY	810	\$74.76	\$60,555.60	\$229.10	\$185,571.00	\$65	\$52,650.00	\$75	\$60,750.00	\$160	\$129,600.00	\$108	\$87,480.00	\$120	\$97,200.00
CO-R-16	Brick Sidewalk (Re-Laid)	SY	50	\$74.76	\$3,738.00	\$256.31	\$12,815.50	\$125	\$6,250.00	\$75	\$3,750.00	\$55	\$2,750.00	\$108	\$5,400.00	\$95	\$4,750.00
CO-R-17	Salvage and Deliver Blockstone and Brick	SY	100	\$2.98	\$298.00	\$26.40	\$2,640.00	\$15	\$1,500.00	\$5	\$500.00	\$20	\$2,000.00	\$4.50	\$450.00	\$40	\$4,000.00
CO-R-19	Landscape Restoration	SY	420	\$15.92	\$6,686.40	\$15.98	\$6,711.60	\$5	\$2,100.00	\$10	\$4,200.00	\$9	\$3,780.00	\$10	\$4,200.00	\$10	\$4,200.00
CO-R-21	Crushed Stone Sub-Base	CY	1450	\$37.75	\$54,737.50	\$62	\$89,900.00	\$50	\$72,500.00	\$40	\$58,000.00	\$55	\$79,750.00	\$64	\$92,800.00	\$45	\$65,250.00
CO-R-25	4" Traffic Markings	LF	10000	\$1.83	\$18,300.00	\$1.86	\$18,600.00	\$1.85	\$18,500.00	\$2	\$20,000.00	\$1.75	\$17,500.00	\$1.75	\$17,500.00	\$2	\$20,000.00
CO-R-26	Traffic Loop Detector (Up to 6' x 10')	EA	1	\$1,975.05	\$1,975.05	\$2,664.14	\$2,664.14	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$1,800.00	\$1,800.00
CO-R-27	Traffic Loop Detector (Additional Length Up to 10' x 20')	EA	1	\$1,975.05	\$1,975.05	\$3,729.79	\$3,729.79	\$7,500.00	\$7,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00
CO-R-28	Replace Manhole Casting with New Casting and/or Raise Casting up to 1-foot in Depth	EA	2	\$986.50	\$1,973.00	\$1,713.04	\$3,426.08	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00	\$1,800.00	\$3,600.00	\$750	\$1,500.00	\$1,800.00	\$3,600.00
CO-R-37	Backfill Undermined Street	CY	50	\$55.31	\$2,765.50	\$86.59	\$4,329.50	\$50	\$2,500.00	\$40	\$2,000.00	\$42	\$2,100.00	\$78	\$3,900.00	\$65	\$3,250.00
CO-R-39	Concrete Steps or Concrete Retaining Wall Replacement	SY	20	\$396.05	\$7,921.00	\$844.99	\$16,899.80	\$200	\$4,000.00	\$500	\$10,000.00	\$150	\$3,000.00	\$100	\$2,000.00	\$700	\$14,000.00
CO-R-41	Providing Retaining Wall Materials	CWT	140	\$7.61	\$1,065.40	\$112.78	\$15,789.20	\$25	\$3,500.00	\$100	\$14,000.00	\$100	\$14,000.00	\$10	\$1,400.00	\$65	\$9,100.00
CO-R-42	Remove and Reset Concrete and Decorative Pavers	SF	160	\$12.54	\$2,006.40	\$27.09	\$4,334.40	\$35	\$5,600.00	\$20	\$3,200.00	\$25	\$4,000.00	\$5	\$800	\$45	\$7,200.00
CO-R-43	Tree and Stump Removal	EA	5	\$1,149.50	\$5,747.50	\$2,131.31	\$10,656.55	\$500	\$2,500.00	\$1,000.00	\$5,000.00	\$250	\$1,250.00	\$400	\$2,000.00	\$2,500.00	\$12,500.00
CO-R-45	Concrete Cap with Bond Breaker	CY	50	\$325	\$16,250.00	\$312.56	\$15,628.00	\$400	\$20,000.00	\$400	\$20,000.00	\$200	\$10,000.00	\$400	\$20,000.00	\$350	\$17,500.00
CO-R-45A	Temporary Winter Concrete Base and Cap	CY	25	\$325	\$8,125.00	\$312.56	\$7,814.00	\$400	\$10,000.00	\$300	\$7,500.00	\$200	\$5,000.00	\$410	\$10,250.00	\$475	\$11,875.00
CO-R-48	Bituminous Pavement Replacement - Flexible Road Base	TON	40	\$190.82	\$7,632.80	\$186.49	\$7,459.60	\$132	\$5,280.00	\$150	\$6,000.00	\$125	\$5,000.00	\$150	\$6,000.00	\$250	\$10,000.00
LV-U-1	Mobilization / Demobilization, Permits, Bonds and Insurance, Maintenance and Protection of Traffic and Erosion and Sedimentation Control	LS	1	\$441,706.87	\$441,706.87	\$240,000.00	\$240,000.00	\$110,000.00	\$110,000.00	\$75,000.00	\$75,000.00	\$175,000.00	\$175,000.00	\$140,000.00	\$140,000.00	\$105,000.00	\$105,000.00
LV-U-4	Rock and Obstruction Excavation, All Depths	CY	30	\$55.31	\$1,659.30	\$48	\$1,440.00	\$100	\$3,000.00	\$75	\$2,250.00	\$20	\$600	\$45	\$1,350.00	\$65	\$1,950.00
LV-U-5	Exploratory Excavation and Backfill	CY	690	\$91.83	\$63,362.70	\$77	\$53,130.00	\$100	\$69,000.00	\$45	\$31,050.00	\$45	\$31,050.00	\$90	\$62,100.00	\$60	\$41,400.00
LV-U-6	Hand Digging and Tunneling	MHR	90	\$65.53	\$5,897.70	\$67	\$6,030.00	\$75	\$6,750.00	\$50	\$4,500.00	\$56	\$5,040.00	\$60	\$5,400.00	\$50	\$4,500.00
LV-U-7	Additional Bedding Material, As Directed	CY	70	\$42.32	\$2,962.40	\$60	\$4,200.00	\$65	\$4,550.00	\$50	\$3,500.00	\$60	\$4,200.00	\$46	\$3,220.00	\$48	\$3,360.00
LV-U-8	Concrete Encasement	CY	10	\$202.61	\$2,026.10	\$300	\$3,000.00	\$165	\$1,650.00	\$200	\$2,000.00	\$200	\$2,000.00	\$250	\$2,500.00	\$200	\$2,000.00
LV-U-9	Concrete Anchors, Thrust Collars, and Thrust Blocks	CY	70	\$230.73	\$16,151.10	\$275	\$19,250.00	\$165	\$11,550.00	\$150	\$10,500.00	\$200	\$14,000.00	\$250	\$17,500.00	\$180	\$12,600.00
LV-U-10	Flowable Fill	CY	20	\$194.21	\$3,884.20	\$260	\$5,200.00	\$165	\$3,300.00	\$150	\$3,000.00	\$200	\$4,000.00	\$225	\$4,500.00	\$225	\$4,500.00
LV-U-11	Bypass/Dewatering Pumping as Directed	HR	100	\$38.14	\$3,814.00	\$85	\$8,500.00	\$5	\$500	\$35	\$3,500.00	\$25	\$2,500.00	\$30	\$3,000.00	\$100	\$10,000.00
LV-U-12	Flag Person	MHR	4000	\$71.90	\$287,600.00	\$65	\$260,000.00	\$60	\$240,000.00	\$58	\$232,000.00	\$60	\$240,000.00	\$70	\$280,000.00	\$64	\$256,000.00
LV-U-13	Off Duty Uniformed Officer	MHR	400	\$57.48	\$22,992.00	\$69.27	\$27,708.00	\$70	\$28,000.00	\$55	\$22,000.00	\$58	\$23,200.00	\$65	\$26,000.00	\$60	\$24,000.00
LV-U-14	Miscellaneous Work Time for a Full Crew	CHR	80	\$595.96	\$47,676.80	\$607.95	\$48,636.00	\$350	\$28,000.00	\$500	\$40,000.00	\$520	\$41,600.00	\$300	\$24,000.00	\$420	\$33,600.00
LV-U-15	Miscellaneous Premium Work for Full Time Crew	CHR	40	\$343.96	\$13,758.40	\$690	\$27,600.00	\$150	\$6,000.00	\$250	\$10,000.00	\$210	\$8,400.00	\$150	\$6,000.00	\$420	\$16,800.00
LV-S-4	15" PVC SDR 26 Sewer Pipe	LF	30	\$83.88	\$2,516.40	\$200	\$6,000.00	\$60	\$1,800.00	\$370	\$11,100.00	\$50	\$1,500.00	\$150	\$4,500.00	\$64	\$1,920.00
LV-S-35	Trench Excavation 0'-15' Depth	CY	20	\$72.51	\$1,450.20	\$83.03	\$1,660.60	\$100	\$2,000.00	\$125	\$2,500.00	\$140	\$2,800.00	\$50	\$1,000.00	\$65	\$1,300.00
LV-S-37	Aggregate Trench Backfill Above Pipe Zone	CY	20	\$55.56	\$1,111.20	\$81.88	\$1,637.60	\$75	\$1,500.00	\$75	\$1,500.00	\$60	\$1,200.00	\$60	\$1,200.00	\$46	\$920
LV-S-40	Additional PVC Fittings - Larger than 10"	EA	9	\$527.15	\$4,744.35	\$562.98	\$5,066.82	\$900	\$8,100.00	\$1,000.00	\$9,000.00	\$900	\$8,100.00	\$1,000.00	\$9,000.00	\$300	\$2,700.00
LV-S-63	Catch Basin - Cast-In-Place - Type 13 Modified	EA	1	\$5,477.90	\$5,477.90	\$7,400.00	\$7,400.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$9,500.00	\$9,500.00	\$7,500.00	\$7,500.00	\$7,900.00	\$7,900.00
LV-S-65	Catch Basin - Cast-In-Place - Type 13	EA	8	\$5,477.90	\$43,823.20	\$7,000.00	\$56,000.00	\$5,500.00	\$44,000.00	\$7,000.00	\$56,000.00	\$6,800.00	\$54,400.00	\$6,000.00	\$48,000.00	\$7,500.00	\$60,000.00
LV-S-69	Catch Basin/Inlet Tie-in	EA	9	\$343.42	\$3,090.78	\$503.83	\$4,534.47	\$500	\$4,500.00	\$100	\$900	\$350	\$3,150.00	\$250	\$2,250.00	\$453	\$4,077.00
LV-W-1	4" Ductile Iron Pipe Class 52 - Zinc Coated	LF	60	\$128.54	\$7,712.40	\$129.17	\$7,750.20	\$75	\$4,500.00	\$80	\$4,800.00	\$100	\$6,000.00	\$164	\$9,840.00	\$118	\$7,080.00
LV-W-2	6" Ductile Iron Pipe Class 52 - Zinc Coated	LF	1590	\$100.22	\$159,349.80	\$111.52	\$177,316.80	\$80	\$127,200.00	\$100	\$159,000.00	\$120	\$190,800.00	\$116	\$184,440.00	\$120	\$190,800.00
LV-W-3	8" Ductile Iron Pipe Class 52 - Zinc Coated	LF	4440	\$108.52	\$481,828.80	\$141.58	\$628,615.20	\$105	\$466,200.00	\$125	\$555,000.00	\$125	\$555,000.00	\$194	\$861,360.00	\$142	\$630,480.00
LV-W-5	12" Ductile Iron Pipe Class 52 - Zinc Coated	LF	70	\$178.41	\$12,488.70	\$186	\$13,020.00	\$165	\$11,550.00	\$155	\$10,850.00	\$175	\$12,250.00	\$453	\$31,710.00	\$250	\$17,500.00
LV-W-7	20" Ductile Iron Pipe Class 52 - Zinc Coated	LF	20	\$197.78	\$3,955.60	\$495.64	\$9,912.80	\$200	\$4,000.00	\$300	\$6,000.00	\$250	\$5,000.00	\$456	\$9,120.00	\$950	\$19,000.00
LV-W-15	Water Service Line - PEXa - 1", up to 15 LF in Total Length	EA	235	\$2,949.61	\$693,158.35	\$2,900.00	\$681,500.00	\$2,500.00	\$587,500.00	\$3,250.00	\$763,750.00	\$4,000.00	\$940,000.00	\$2,800.00	\$658,000.00	\$2,750.00	\$646,250.00
LV-W-16	Public Water Service Line - PEXa - 1-1/4 to 2-inch, up to 15 LF in Total Length.	EA	4	\$3,247.20	\$12,988.80	\$3,000.00	\$12,000.00	\$2,500.00	\$10,000.00	\$3,250.00	\$13,000.00	\$4,500.00	\$18,000.00	\$5,500.00	\$22,000.00	\$2,950.00	\$11,800.00
LV-W-17	Water Service Line - PEXa - 1", Greater Than 15 LF in Total Length	LF	321	\$58.10	\$18,650.10	\$84	\$26,964.00	\$75	\$24,075.00	\$75	\$24,075.00	\$58	\$18,618.00	\$96	\$30,816.00	\$60	\$19,260.00
LV-W-18	Public Water Service Line - PEXa - 1-1/4 to 2-inch, Greater Than 15 LF in Total Length	LF	10	\$96.52	\$965.20	\$88	\$880	\$85	\$850	\$75	\$750	\$65	\$650	\$220	\$2,200.00	\$68	\$680
LV-W-19	Extra Waterline Trench Excavation and Backfill (Greater than 8 feet deep)	CY	50	\$95.47	\$4,773.50	\$85	\$4,250.00	\$50	\$2,500.00	\$55	\$2,750.00	\$48	\$2,400.00	\$40	\$2,000.00	\$65	\$3,250.00
LV-W-21	Mechanical Joint Ductile Iron Fittings - Fusion Bonded Epoxy Coating	LB	31760	\$5.23	\$166,104.80	\$6.98	\$221,684.80	\$6.25	\$198,500.00	\$4.75	\$150,860.00	\$4.65	\$147,684.00	\$1.50	\$47,640.00	\$6	\$190,560.00

LV-W-24	Remove and Salvage Existing Deep Frame and Cover, Risers and/or M.E.G. Box Outside of Trench Area	EA	93	\$111.24	\$10,345.32	\$245.28	\$22,811.04	\$25	\$2,325.00	\$300	\$27,900.00	\$100	\$9,300.00	\$150	\$13,950.00	\$125	\$11,625.00
LV-W-26	Precast Valve Manhole (10 Feet Depth)	EA	2	\$5,940.39	\$11,880.78	\$10,000.00	\$20,000.00	\$4,000.00	\$8,000.00	\$5,000.00	\$10,000.00	\$7,500.00	\$15,000.00	\$5,500.00	\$11,000.00	\$8,700.00	\$17,400.00
LV-W-29	Install New Fire Hydrant	EA	12	\$3,894.49	\$46,733.88	\$4,613.70	\$55,364.40	\$4,500.00	\$54,000.00	\$4,500.00	\$54,000.00	\$4,500.00	\$54,000.00	\$4,600.00	\$55,200.00	\$4,200.00	\$50,400.00
LV-W-31	Temporary Water Service, All Sizes	EA	20	\$100.42	\$2,008.40	\$497.69	\$9,953.80	\$250	\$5,000.00	\$300	\$6,000.00	\$150	\$3,000.00	\$150	\$3,000.00	\$150	\$3,000.00
LV-W-32	4" to 10" Sewer Lateral Encountered in Water Line Trench	LF	25	\$157.95	\$3,948.75	\$100	\$2,500.00	\$60	\$1,500.00	\$75	\$1,875.00	\$35	\$875	\$145	\$3,625.00	\$76	\$1,900.00
LV-W-33	15" Sewer Encountered in Water Line Trench	LF	10	\$204.57	\$2,045.70	\$225	\$2,250.00	\$75	\$750	\$100	\$1,000.00	\$50	\$500	\$200	\$2,000.00	\$100	\$1,000.00
LV-W-34	Gate Valve Installed as Part of New Water Line - 4"	EA	3	\$2,044.75	\$6,134.25	\$1,719.47	\$5,158.41	\$1,375.00	\$4,125.00	\$800	\$2,400.00	\$950	\$2,850.00	\$1,500.00	\$4,500.00	\$860	\$2,580.00
LV-W-35	Gate Valve Installed as Part of New Water Line - 6"	EA	24	\$1,062.63	\$25,503.12	\$1,899.91	\$45,597.84	\$1,675.00	\$40,200.00	\$1,000.00	\$24,000.00	\$1,100.00	\$26,400.00	\$1,500.00	\$36,000.00	\$1,050.00	\$25,200.00
LV-W-36	Gate Valve Installed as Part of New Water Line - 8"	EA	47	\$1,437.47	\$67,561.09	\$2,757.43	\$129,599.21	\$2,125.00	\$99,875.00	\$1,600.00	\$75,200.00	\$1,325.00	\$62,275.00	\$1,800.00	\$84,600.00	\$1,500.00	\$70,500.00
LV-W-38	Gate Valve Installed as Part of New Water Line - 12"	EA	8	\$2,417.40	\$19,339.20	\$4,681.63	\$37,453.04	\$3,575.00	\$28,600.00	\$3,000.00	\$24,000.00	\$2,500.00	\$20,000.00	\$3,000.00	\$24,000.00	\$2,700.00	\$21,600.00
LV-W-41	Gate Valve Installed as Part of New Water Line - 20"	EA	1	\$17,729.75	\$17,729.75	\$44,117.17	\$44,117.17	\$24,529.00	\$24,529.00	\$23,400.00	\$23,400.00	\$16,000.00	\$16,000.00	\$19,000.00	\$19,000.00	\$17,500.00	\$17,500.00
LV-W-61	Waterline - Line Stop (Single) - 20" through 24"	INCH OF DIAMETER	20	\$636.28	\$12,725.60	\$1,537.81	\$30,756.20	\$300	\$6,000.00	\$800	\$16,000.00	\$1,000.00	\$20,000.00	\$700	\$14,000.00	\$840	\$16,800.00
LV-W-65	Waterline - Line Stop (Double) - 20" through 24"	INCH OF DIAMETER	20	\$1,121.16	\$22,423.20	\$2,716.26	\$54,325.20	\$600	\$12,000.00	\$800	\$16,000.00	\$1,250.00	\$25,000.00	\$1,300.00	\$26,000.00	\$1,700.00	\$34,000.00
LV-W-72	Water Service Line Termination	EA	6	\$2,188.31	\$13,129.86	\$1,412.13	\$8,472.78	\$1,500.00	\$9,000.00	\$1,000.00	\$6,000.00	\$2,000.00	\$12,000.00	\$500	\$3,000.00	\$475	\$2,850.00
LV-W-87	Private Water Service Line Replacement, 2" Diameter and Less - 0 to 20 LF in Total Length	EA	119	\$2,196.79	\$261,418.01	\$5,255.95	\$625,458.05	\$5,250.00	\$624,750.00	\$3,250.00	\$386,750.00	\$4,500.00	\$535,500.00	\$3,000.00	\$357,000.00	\$4,400.00	\$523,600.00
LV-W-88	Private Water Service Line Replacement, 1" Diameter and Less - Greater Than 20 LF in Total Length	LF	1190	\$47.83	\$56,917.70	\$83.38	\$99,222.20	\$85	\$101,150.00	\$70	\$83,300.00	\$58	\$69,020.00	\$73	\$86,870.00	\$65	\$77,350.00
LV-W-90	Installation of Additional Concrete Floor Penetrations	EA	119	\$1,519.53	\$180,824.07	\$616.51	\$73,364.69	\$1,500.00	\$178,500.00	\$1,000.00	\$119,000.00	\$1,500.00	\$178,500.00	\$250	\$29,750.00	\$50	\$5,950.00
LV-W-95	Remove and Salvage Existing Fire Hydrant	EA	12	\$428.26	\$5,139.12	\$1,063.36	\$12,760.32	\$1,000.00	\$12,000.00	\$250	\$3,000.00	\$500	\$6,000.00	\$700	\$8,400.00	\$500	\$6,000.00
LV-W-97	Interior Copper Piping Greater Than 10 LF	LF	100	\$45.31	\$4,531.00	\$31.97	\$3,197.00	\$25	\$2,500.00	\$45	\$4,500.00	\$20	\$2,000.00	\$50	\$5,000.00	\$30	\$3,000.00
LV-W-103	Disconnection of Washout Discharge Pipe	EA	1	\$1,519.53	\$1,519.53	\$4,937.82	\$4,937.82	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$150	\$150	\$500	\$500
LV-R-1	Concrete Paving Base (All Classes)	CY	1410	\$325	\$458,250.00	\$470.80	\$663,828.00	\$350	\$493,500.00	\$400	\$564,000.00	\$375	\$528,750.00	\$390	\$549,900.00	\$465	\$655,650.00
LV-R-3	Concrete Sidewalk and ADA Handicapped Ramp	SY	1630	\$100.57	\$163,929.10	\$138	\$224,940.00	\$100	\$163,000.00	\$135	\$222,050.00	\$140	\$228,200.00	\$110.00	\$179,305.00	\$116	\$189,080.00
LV-R-4	Concrete Deep Curb and Deep Radius Curb	LF	1150	\$62.15	\$71,472.50	\$78	\$89,700.00	\$45	\$51,750.00	\$70	\$80,500.00	\$40	\$46,000.00	\$29	\$33,350.00	\$75	\$86,250.00
LV-R-5	Concrete Deck Curb and Deck Radius Curb (All Finishes)	LF	100	\$62.16	\$6,216.00	\$28.31	\$2,831.00	\$35	\$3,500.00	\$35	\$3,500.00	\$38	\$3,800.00	\$22	\$2,200.00	\$70	\$7,000.00
LV-R-6	12" x 6" Wedge Curb (Hand Placed)	LF	380	\$10.38	\$3,944.40	\$3.20	\$1,216.00	\$5	\$1,900.00	\$7	\$2,660.00	\$3	\$1,140.00	\$5	\$1,900.00	\$4	\$1,520.00
LV-R-7	Cold Patch Bituminous Pavement Replacement	TON	790	\$99.28	\$78,431.20	\$168.23	\$132,901.70	\$135	\$106,650.00	\$110	\$86,900.00	\$110	\$86,900.00	\$136	\$107,440.00	\$100	\$79,000.00
LV-R-8	Milling - Wearing Course	SY	11560	\$1.17	\$13,525.20	\$2.34	\$27,050.40	\$1.90	\$21,964.00	\$2	\$23,120.00	\$3	\$34,680.00	\$1.60	\$18,496.00	\$2.65	\$30,634.00
LV-R-9	Milling - Binder Course - Primary Street	SY	9250	\$2.44	\$22,570.00	\$3.30	\$30,525.00	\$3.28	\$30,340.00	\$2	\$18,500.00	\$3	\$27,750.00	\$2.50	\$23,125.00	\$3.95	\$36,537.50
LV-R-10	Milling - Binder Course - Secondary Street	SY	2320	\$1.36	\$3,155.20	\$2.88	\$6,681.60	\$2.55	\$5,916.00	\$2	\$4,640.00	\$3	\$6,960.00	\$3	\$6,960.00	\$3.40	\$7,888.00
LV-R-11	Bituminous Pavement Replacement - Wearing Course	TON	960	\$88.86	\$85,305.60	\$122.55	\$117,648.00	\$112	\$107,520.00	\$100	\$96,000.00	\$115	\$110,400.00	\$88	\$84,480.00	\$115	\$110,400.00
LV-R-12	Bituminous Pavement Replacement - Binder Course Primary Street	TON	2170	\$71.57	\$155,306.90	\$105.50	\$228,935.00	\$100	\$217,000.00	\$90	\$195,300.00	\$110	\$238,700.00	\$76	\$164,920.00	\$101	\$219,170.00
LV-R-13	Bituminous Pavement Replacement - Binder Course Secondary Street	TON	480	\$71.98	\$34,550.40	\$101.24	\$48,595.20	\$96.25	\$46,200.00	\$90	\$43,200.00	\$110	\$52,800.00	\$76	\$36,480.00	\$101	\$48,480.00
LV-R-15	Brick Street Repaving	SY	530	\$57.46	\$30,453.80	\$229.10	\$121,423.00	\$65	\$34,450.00	\$35	\$18,550.00	\$160	\$84,800.00	\$108	\$57,240.00	\$120	\$63,600.00
LV-R-16	Brick Sidewalk (Re-Laid)	SY	50	\$74.76	\$3,738.00	\$256.31	\$12,815.50	\$125	\$6,250.00	\$75	\$3,750.00	\$55	\$2,750.00	\$108	\$5,400.00	\$120	\$6,000.00
LV-R-17	Salvage and Deliver Blockstone and Brick	SY	50	\$2.98	\$149.00	\$26.40	\$1,320.00	\$15	\$750	\$5	\$250	\$20	\$1,000.00	\$10	\$500	\$40	\$2,000.00
LV-R-19	Landscape Restoration	SY	400	\$15.92	\$6,368.00	\$15.98	\$6,392.00	\$5	\$2,000.00	\$10	\$4,000.00	\$9	\$3,600.00	\$12	\$4,800.00	\$12	\$4,800.00
LV-R-21	Crushed Stone Sub-Base	CY	1120	\$37.75	\$42,280.00	\$62	\$69,440.00	\$50	\$56,000.00	\$40	\$44,800.00	\$55	\$61,600.00	\$64	\$71,680.00	\$48	\$53,760.00
LV-R-25	4" Traffic Markings	LF	7000	\$1.83	\$12,810.00	\$1.86	\$13,020.00	\$1.75	\$12,250.00	\$2	\$14,000.00	\$1.75	\$12,250.00	\$1.75	\$12,250.00	\$2	\$14,000.00
LV-R-26	Traffic Loop Detector (Up to 6' x 10')	EA	1	\$1,975.05	\$1,975.05	\$2,664.14	\$2,664.14	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$1,800.00	\$1,800.00
LV-R-27	Traffic Loop Detector (Additional Length Up to 10' x 20')	EA	1	\$1,975.05	\$1,975.05	\$3,729.79	\$3,729.79	\$7,500.00	\$7,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00
LV-R-28	Replace Manhole Casting with New Casting and/or Raise Casting up to 1-foot in Depth	EA	1	\$986.50	\$986.50	\$1,712.88	\$1,712.88	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00
LV-R-37	Backfill Undermined Street	CY	50	\$55.31	\$2,765.50	\$86.46	\$4,323.00	\$50	\$2,500.00	\$40	\$2,000.00	\$42	\$2,100.00	\$80	\$4,000.00	\$65	\$3,250.00
LV-R-43	Tree and Stump Removal	EA	1	\$1,149.50	\$1,149.50	\$2,131.31	\$2,131.31	\$500	\$500	\$1,000.00	\$1,000.00	\$250	\$250	\$500	\$500	\$2,000.00	\$2,000.00
LV-R-45	Concrete Cap with Bond Breaker	CY	50	\$325	\$16,250.00	\$312.56	\$15,628.00	\$400	\$20,000.00	\$400	\$20,000.00	\$200	\$10,000.00	\$420	\$21,000.00	\$375	\$18,750.00
LV-R-45A	Temporary Winter Concrete Base and Cap	CY	25	\$325	\$8,125.00	\$312.56	\$7,814.00	\$400	\$10,000.00	\$300	\$7,500.00	\$200	\$5,000.00	\$435	\$10,875.00	\$405	\$10,125.00
LV-R-48	Bituminous Pavement Replacement - Flexible Road Base	TON	40	\$190.82	\$7,632.80	\$186.49	\$7,459.60	\$132	\$5,280.00	\$150	\$6,000.00	\$125	\$5,000.00	\$150	\$6,000.00	\$200	\$8,000.00
HP-U-1	Mobilization / Demobilization, Permits, Bonds and Insurance, Maintenance and Protection of Traffic and Erosion and Sedimentation Control	LS	1	\$438,103.65	\$438,103.65	\$257,000.00	\$257,000.00	\$142,000.00	\$142,000.00	\$75,000.00	\$75,000.00	\$175,000.00	\$175,000.00	\$150,000.00	\$150,000.00	\$105,000.00	\$105,000.00
HP-U-4	Rock and Obstruction Excavation, All Depths	CY	40	\$55.31	\$2,212.40	\$48	\$1,920.00	\$100	\$4,000.00	\$75	\$3,000.00	\$20	\$800	\$60	\$2,400.00	\$65	\$2,600.00
HP-U-5	Exploratory Excavation and Backfill	CY	1090	\$91.83	\$100,094.70	\$77	\$83,930.00	\$100	\$109,000.00	\$45	\$49,050.00	\$45	\$49,050.00	\$90	\$98,100.00	\$60	\$65,400.00
HP-U-6	Hand Digging and Tunneling	MHR	80	\$65.53	\$5,242.40	\$67	\$5,360.00	\$60	\$4,800.00	\$50	\$4,000.00	\$56	\$4,480.00	\$60	\$4,800.00	\$50	\$4,000.00
HP-U-7	Additional Bedding Material, As Directed	CY	90	\$42.32	\$3,808.80	\$60	\$5,400.00	\$50	\$4,500.00	\$50	\$4,500.00	\$60	\$5,400.00	\$50	\$4,500.00	\$48	\$4,320.00
HP-U-8	Concrete Encasement	CY	10	\$202.61	\$2,026.10	\$300	\$3,000.00	\$165	\$1,650.00	\$200	\$2,000.00	\$200	\$2,000.00	\$250	\$2,500.00	\$195	\$1,950.00
HP-U-9	Concrete Anchors, Thrust Collars, and Thrust Blocks	CY	60	\$230.72	\$13,843.20	\$275	\$16,500.00	\$165	\$9,900.00	\$150	\$9,000.00	\$200	\$12,000.00	\$250	\$15,000.00	\$175	\$10,500.00
HP-U-10	Flowable Fill	CY	60	\$194.21	\$11,652.60	\$260	\$15,600.00	\$165	\$9,900.00	\$150	\$9,000.00	\$200	\$12,000.00	\$250	\$15,000.00	\$200	\$12,000.00
HP-U-11	Bypass/Dewatering Pumping as Directed	HR	150	\$38.14	\$5,721.00	\$85	\$12,750.00	\$10	\$1,500.00	\$35	\$5,250.00	\$25	\$3,750.00	\$30	\$4,500.00		

HP-U-15	Miscellaneous Premium Work for Full Time Crew	CHR	20	\$343.96	\$6,879.20	\$690	\$13,800.00	\$150	\$3,000.00	\$250	\$5,000.00	\$210	\$4,200.00	\$150	\$3,000.00	\$450	\$9,000.00
HP-W-1	4" Ductile Iron Pipe Class 52 - Zinc Coated	LF	330	\$132.82	\$43,830.60	\$129.16	\$42,622.80	\$75	\$24,750.00	\$80	\$26,400.00	\$110	\$36,300.00	\$132	\$43,560.00	\$118	\$38,940.00
HP-W-2	6" Ductile Iron Pipe Class 52 - Zinc Coated	LF	820	\$105.55	\$86,551.00	\$111.52	\$91,446.40	\$80	\$65,600.00	\$100	\$82,000.00	\$120	\$98,400.00	\$154	\$126,280.00	\$120	\$98,400.00
HP-W-3	8" Ductile Iron Pipe Class 52 - Zinc Coated	LF	6810	\$107.29	\$730,644.90	\$141.58	\$964,159.80	\$100	\$681,000.00	\$125	\$851,250.00	\$125	\$851,250.00	\$170	\$1,157,700.00	\$142	\$967,020.00
HP-W-10	30" Ductile Iron Pipe Class 52 - Zinc Coated	LF	20	\$276.09	\$5,521.80	\$783.38	\$15,667.60	\$275	\$5,500.00	\$160	\$3,200.00	\$500	\$10,000.00	\$570	\$11,400.00	\$1,200.00	\$24,000.00
HP-W-15	Water Service Line - PEXa - 1", up to 15 LF in Total Length	EA	167	\$2,983.06	\$498,171.02	\$2,900.00	\$484,300.00	\$2,500.00	\$417,500.00	\$3,250.00	\$542,750.00	\$4,000.00	\$668,000.00	\$2,700.00	\$450,900.00	\$2,750.00	\$459,250.00
HP-W-16	Public Water Service Line - PEXa - 1-1/4 to 2-inch, up to 15 LF in Total Length.	EA	10	\$3,333.27	\$33,332.70	\$3,000.00	\$30,000.00	\$2,500.00	\$25,000.00	\$3,250.00	\$32,500.00	\$4,500.00	\$45,000.00	\$3,300.00	\$33,000.00	\$2,950.00	\$29,500.00
HP-W-17	Water Service Line - PEXa - 1", Greater Than 15 LF in Total Length	LF	1073	\$53.48	\$57,384.04	\$84	\$90,132.00	\$75	\$80,475.00	\$75	\$80,475.00	\$58	\$62,234.00	\$83	\$89,059.00	\$60	\$64,380.00
HP-W-18	Public Water Service Line - PEXa - 1-1/4 to 2-inch, Greater Than 15 LF in Total Length	LF	53	\$44.34	\$2,350.02	\$88	\$4,664.00	\$85	\$4,505.00	\$75	\$3,975.00	\$65	\$3,445.00	\$150	\$7,950.00	\$68	\$3,604.00
HP-W-19	Extra Waterline Trench Excavation and Backfill (Greater than 8 feet deep)	CY	30	\$95.44	\$2,863.20	\$85	\$2,550.00	\$50	\$1,500.00	\$55	\$1,650.00	\$48	\$1,440.00	\$40	\$1,200.00	\$65	\$1,950.00
HP-W-21	Mechanical Joint Ductile Iron Fittings - Fusion Bonded Epoxy Coating	LB	36000	\$5.23	\$188,280.00	\$6.98	\$251,280.00	\$6.25	\$225,000.00	\$4.75	\$171,000.00	\$4.50	\$162,000.00	\$1.50	\$54,000.00	\$6	\$216,000.00
HP-W-24	Remove and Salvage Existing Deep Frame and Cover, Risers and/or M.E.G. Box Outside of Trench Area	EA	4	\$111.25	\$445.00	\$245.51	\$982.04	\$100	\$400	\$300	\$1,200.00	\$100	\$400	\$150	\$600	\$100	\$400
HP-W-29	Install New Fire Hydrant	EA	17	\$3,894.50	\$66,206.50	\$4,613.70	\$78,432.90	\$4,500.00	\$76,500.00	\$4,500.00	\$76,500.00	\$4,500.00	\$76,500.00	\$4,600.00	\$78,200.00	\$4,000.00	\$68,000.00
HP-W-31	Temporary Water Service, All Sizes	EA	10	\$100.41	\$1,004.10	\$497.69	\$4,976.90	\$500	\$5,000.00	\$300	\$3,000.00	\$150	\$1,500.00	\$150	\$1,500.00	\$150	\$1,500.00
HP-W-32	4" to 10" Sewer Lateral Encountered in Water Line Trench	LF	100	\$157.97	\$15,797.00	\$100	\$10,000.00	\$60	\$6,000.00	\$75	\$7,500.00	\$35	\$3,500.00	\$75	\$7,500.00	\$50	\$5,000.00
HP-W-33	15" Sewer Encountered in Water Line Trench	LF	10	\$204.57	\$2,045.70	\$225	\$2,250.00	\$70	\$700	\$100	\$1,000.00	\$50	\$500	\$200	\$2,000.00	\$65	\$650
HP-W-34	Gate Valve Installed as Part of New Water Line - 4"	EA	11	\$1,669.17	\$18,360.87	\$1,719.47	\$18,914.17	\$1,375.00	\$15,125.00	\$800	\$8,800.00	\$950	\$10,450.00	\$1,500.00	\$16,500.00	\$860	\$9,460.00
HP-W-35	Gate Valve Installed as Part of New Water Line - 6"	EA	39	\$1,062.63	\$41,442.57	\$1,899.91	\$74,096.49	\$1,675.00	\$65,325.00	\$1,000.00	\$39,000.00	\$1,100.00	\$42,900.00	\$1,500.00	\$58,500.00	\$1,050.00	\$40,950.00
HP-W-36	Gate Valve Installed as Part of New Water Line - 8"	EA	61	\$1,437.47	\$87,685.67	\$3,019.89	\$184,213.29	\$2,125.00	\$129,625.00	\$1,700.00	\$103,700.00	\$1,325.00	\$80,825.00	\$1,800.00	\$109,800.00	\$1,500.00	\$91,500.00
HP-W-63	Waterline - Line Stop (Single) - 30" through 48"	INCH OF DIAMETER	30	\$1,175.48	\$35,264.40	\$1,796.92	\$53,907.60	\$550	\$16,500.00	\$800	\$24,000.00	\$1,000.00	\$30,000.00	\$800	\$24,000.00	\$1,200.00	\$36,000.00
HP-W-66	Waterline - Line Stop (Double) - 30" through 48"	INCH OF DIAMETER	30	\$2,150.81	\$64,524.30	\$3,044.18	\$91,325.40	\$1,100.00	\$33,000.00	\$800	\$24,000.00	\$1,300.00	\$39,000.00	\$800	\$24,000.00	\$2,400.00	\$72,000.00
HP-W-72	Water Service Line Termination	EA	2	\$2,188.32	\$4,376.64	\$1,412.13	\$2,824.26	\$1,500.00	\$3,000.00	\$50	\$100	\$2,000.00	\$4,000.00	\$500	\$1,000.00	\$450	\$900
HP-W-87	Private Water Service Line Replacement, 2" Diameter and Less - 0 to 20 LF in Total Length	EA	169	\$2,203.65	\$372,416.85	\$5,100.00	\$861,900.00	\$5,250.00	\$887,250.00	\$3,250.00	\$549,250.00	\$4,500.00	\$760,500.00	\$3,100.00	\$523,900.00	\$4,400.00	\$743,600.00
HP-W-88	Private Water Service Line Replacement, 1" Diameter and Less - Greater Than 20 LF in Total Length	LF	1690	\$47.83	\$80,832.70	\$83	\$140,270.00	\$85	\$143,650.00	\$70	\$118,300.00	\$58	\$98,020.00	\$72	\$121,680.00	\$65	\$109,850.00
HP-W-90	Installation of Additional Concrete Floor Penetrations	EA	169	\$1,519.53	\$256,800.57	\$616.51	\$104,190.19	\$1,500.00	\$253,500.00	\$1,000.00	\$169,000.00	\$1,500.00	\$253,500.00	\$250	\$42,250.00	\$50	\$8,450.00
HP-W-95	Remove and Salvage Existing Fire Hydrant	EA	17	\$428.26	\$7,280.42	\$1,063.36	\$18,077.12	\$1,000.00	\$17,000.00	\$250	\$4,250.00	\$500	\$8,500.00	\$700	\$11,900.00	\$500	\$8,500.00
HP-W-97	Interior Copper Piping Greater Than 10 LF	LF	100	\$45.31	\$4,531.00	\$31.97	\$3,197.00	\$25	\$2,500.00	\$45	\$4,500.00	\$20	\$2,000.00	\$50	\$5,000.00	\$30	\$3,000.00
HP-W-103	Disconnection of Washout Discharge Pipe	EA	1	\$1,519.53	\$1,519.53	\$4,937.82	\$4,937.82	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$250	\$250	\$500	\$500
HP-S-4	15" PVC SDR 26 Sewer Pipe	LF	60	\$83.84	\$5,030.40	\$190	\$11,400.00	\$60	\$3,600.00	\$370	\$22,200.00	\$50	\$3,000.00	\$100	\$6,000.00	\$95	\$5,700.00
HP-S-35	Trench Excavation 0'-15' Depth	CY	80	\$72.55	\$5,804.00	\$82.99	\$6,639.20	\$70	\$5,600.00	\$125	\$10,000.00	\$140	\$11,200.00	\$35	\$2,800.00	\$65	\$5,200.00
HP-S-37	Aggregate Trench Backfill Above Pipe Zone	CY	80	\$55.58	\$4,446.40	\$80	\$6,400.00	\$75	\$6,000.00	\$75	\$6,000.00	\$60	\$4,800.00	\$60	\$4,800.00	\$48	\$3,840.00
HP-S-40	Additional PVC Fittings - Larger than 10"	EA	19	\$527.15	\$10,015.85	\$563.10	\$10,698.90	\$900	\$17,100.00	\$1,000.00	\$19,000.00	\$900	\$17,100.00	\$1,000.00	\$19,000.00	\$350	\$6,650.00
HP-S-49	48" Pre-Cast Manhole (0' to 15' Depth)	EA	1	\$5,130.89	\$5,130.89	\$12,000.00	\$12,000.00	\$8,000.00	\$8,000.00	\$450	\$450	\$8,000.00	\$8,000.00	\$6,000.00	\$6,000.00	\$9,500.00	\$9,500.00
HP-S-63	Catch Basin - Cast-In-Place - Type 13 Modified	EA	1	\$5,477.90	\$5,477.90	\$7,400.00	\$7,400.00	\$6,500.00	\$6,500.00	\$7,000.00	\$7,000.00	\$8,000.00	\$8,000.00	\$7,500.00	\$7,500.00	\$7,000.00	\$7,000.00
HP-S-65	Catch Basin - Cast-In-Place - Type 13	EA	19	\$5,477.90	\$104,080.10	\$7,000.00	\$133,000.00	\$5,500.00	\$104,500.00	\$7,000.00	\$133,000.00	\$6,500.00	\$123,500.00	\$6,000.00	\$114,000.00	\$7,000.00	\$133,000.00
HP-S-69	Catch Basin/Inlet Tie-in	EA	1	\$343.42	\$343.42	\$526.26	\$526.26	\$500	\$500	\$100	\$100	\$350	\$350	\$250	\$250	\$430	\$430
HP-R-1	Concrete Paving Base (All Classes)	CY	1680	\$325	\$546,000.00	\$470.79	\$790,927.20	\$350	\$588,000.00	\$400	\$672,000.00	\$375	\$630,000.00	\$390	\$655,200.00	\$465	\$781,200.00
HP-R-2	Reinforced Concrete Street and Driveways	CY	50	\$385.50	\$19,275.00	\$492.22	\$24,611.00	\$400	\$20,000.00	\$500	\$25,000.00	\$390	\$19,500.00	\$400	\$20,000.00	\$430	\$21,500.00
HP-R-3	Concrete Sidewalk and ADA Handicapped Ramp	SY	1740	\$100.57	\$174,991.80	\$138	\$240,120.00	\$100	\$174,000.00	\$135	\$234,900.00	\$140	\$243,600.00	\$115	\$200,100.00	\$116	\$201,840.00
HP-R-4	Concrete Deep Curb and Deep Radius Curb	LF	1090	\$62.15	\$67,743.50	\$78	\$85,020.00	\$45	\$49,050.00	\$70	\$76,300.00	\$40	\$43,600.00	\$29	\$31,610.00	\$75	\$81,750.00
HP-R-5	Concrete Deck Curb and Deck Radius Curb (All Finishes)	LF	50	\$62.12	\$3,106.00	\$28.30	\$1,415.00	\$35	\$1,750.00	\$35	\$1,750.00	\$38	\$1,900.00	\$24	\$1,200.00	\$75	\$3,750.00
HP-R-7	Cold Patch Bituminous Pavement Replacement	TON	940	\$99.28	\$93,323.20	\$168.23	\$158,136.20	\$135	\$126,900.00	\$110	\$103,400.00	\$110	\$103,400.00	\$136	\$127,840.00	\$100	\$94,000.00
HP-R-8	Milling - Wearing Course	SY	18320	\$1.32	\$24,182.40	\$2.02	\$37,006.40	\$1.70	\$31,144.00	\$2	\$36,640.00	\$3	\$54,960.00	\$1.81	\$33,117.00	\$2.20	\$40,304.00
HP-R-9	Milling - Binder Course - Primary Street	SY	17230	\$2.05	\$35,321.50	\$3.09	\$53,240.70	\$3	\$51,690.00	\$2	\$34,460.00	\$3	\$51,690.00	\$2.15	\$36,959.00	\$3.45	\$59,443.50
HP-R-10	Milling - Binder Course - Secondary Street	SY	1100	\$2.53	\$2,783.00	\$2.82	\$3,102.00	\$2.30	\$2,530.00	\$2	\$2,200.00	\$3	\$3,300.00	\$2.84	\$3,128.00	\$3.20	\$3,520.00
HP-R-11	Bituminous Pavement Replacement - Wearing Course	TON	1840	\$84.84	\$156,105.60	\$122.55	\$225,492.00	\$110	\$202,400.00	\$100	\$184,000.00	\$110	\$202,400.00	\$87.83	\$161,613.00	\$112	\$206,080.00
HP-R-12	Bituminous Pavement Replacement - Binder Course Primary Street	TON	3510	\$72.44	\$254,264.40	\$102.30	\$359,073.00	\$97	\$340,470.00	\$90	\$315,900.00	\$110	\$386,100.00	\$72.70	\$255,190.00	\$98.50	\$345,735.00
HP-R-13	Bituminous Pavement Replacement - Binder Course Secondary Street	TON	760	\$70.97	\$53,937.20	\$101.24	\$76,942.40	\$93	\$70,680.00	\$90	\$68,400.00	\$105	\$79,800.00	\$73.51	\$55,867.00	\$98	\$74,480.00
HP-R-15	Brick Street Repaving	SY	810	\$57.46	\$46,542.60	\$229.10	\$185,571.00	\$65	\$52,650.00	\$35	\$28,350.00	\$160	\$129,600.00	\$108	\$87,480.00	\$120	\$97,200.00
HP-R-17	Salvage and Deliver Blockstone and Brick	SY	50	\$2.98	\$149.00	\$26.40	\$1,320.00	\$15	\$750	\$5	\$250	\$20	\$1,000.00	\$9	\$450	\$40	\$2,000.00
HP-R-19	Landscape Restoration	SY	570	\$15.92	\$9,074.40	\$15.98	\$9,108.60	\$5	\$2,850.00	\$10	\$5,700.00	\$9	\$5,130.00	\$10	\$5,700.00	\$12	\$6,840.00
HP-R-21	Crushed Stone Sub-Base	CY	1330	\$37.75	\$50,207.50	\$62.71	\$83,404.30	\$50	\$66,500.00	\$40	\$53,200.00	\$55	\$73,150.00	\$60	\$79,800.00	\$48	\$63,840.00
HP-R-25	4" Traffic Markings	LF	8000	\$1.83	\$14,640.00	\$1.86	\$14,880.00	\$1.85	\$14,800.00	\$2	\$16,000.00	\$1.75	\$14,000.00	\$1.75	\$14,000.00	\$2	\$16,000.00
HP-R-28	Replace Manhole Casting with New Casting and/or Raise Casting up to 1-foot in Depth	EA	1	\$986.50	\$986.50	\$1,712.88	\$1,712.88	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00
HP-R-37	Backfill Undermined Street	CY	50	\$55.31	\$2,765.50	\$86.59	\$4,329.50										