

				A Folino Construction		Independent Enterprises, Inc.		M. O'HERRON COMPANY		Mele & Mele & Sons, Inc.	
Project No.: 20196-325-101-0											
Project Name: 2019 Small Diameter Water Main Replacement – Second Ave and Tecumseh St				\$551,551.55		\$554,950.00		\$595,026.00		\$629,295.00	
Items	Description	UOM	Est Qty	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost
U-1	Mobilization / Demobilization, Permits, Bonds and Insurance, Maintenance and Protection of Traffic and Erosion and Sedimentation Control	LS	1	\$27,628.99	\$27,628.99	\$24,500.00	\$24,500.00	\$90,000.00	\$90,000.00	\$15,000.00	\$15,000.00
U-4	Rock and Obstruction Excavation, All Depths	CY	5	\$64.19	\$320.95	\$60	\$300	\$75	\$375	\$125	\$625
U-5	Exploratory Excavation and Backfill	CY	80	\$100.28	\$8,022.40	\$70	\$5,600.00	\$100	\$8,000.00	\$110	\$8,800.00
U-6	Hand Digging and Tunneling	MHR	40	\$67.17	\$2,686.80	\$50	\$2,000.00	\$58	\$2,320.00	\$60	\$2,400.00
U-7	Additional Bedding Material, As Directed	CY	10	\$47.48	\$474.80	\$40	\$400	\$55	\$550	\$45	\$450
U-8	Concrete Encasement	CY	5	\$581.23	\$2,906.15	\$300	\$1,500.00	\$200	\$1,000.00	\$400	\$2,000.00
U-9	Concrete Anchors, Thrust Collars, and Thrust Blocks	CY	5	\$581.23	\$2,906.15	\$300	\$1,500.00	\$200	\$1,000.00	\$400	\$2,000.00
U-10	Flowable Fill	CY	20	\$238.69	\$4,773.80	\$180	\$3,600.00	\$200	\$4,000.00	\$300	\$6,000.00
U-11	Bypass/Dewatering Pumping as Directed	HR	32	\$41.37	\$1,323.84	\$50	\$1,600.00	\$15	\$480	\$60	\$1,920.00
U-12	Flag Person	MHR	320	\$81.15	\$25,968.00	\$55	\$17,600.00	\$65	\$20,800.00	\$70	\$22,400.00
U-13	Off Duty Uniformed Officer	MHR	160	\$39.67	\$6,347.20	\$60	\$9,600.00	\$60	\$9,600.00	\$65	\$10,400.00
U-14	Miscellaneous Work Time for a Full Crew	CHR	8	\$545	\$4,360.00	\$650	\$5,200.00	\$500	\$4,000.00	\$334	\$2,672.00
U-15	Miscellaneous Premium Work for Full Time Crew	CHR	8	\$360	\$2,880.00	\$125	\$1,000.00	\$250	\$2,000.00	\$167	\$1,336.00
U-105	CSX Protection Services	DAY	5	\$1,700.00	\$8,500.00	\$2,500.00	\$12,500.00	\$2,000.00	\$10,000.00	\$2,500.00	\$12,500.00
U-106	CSX Construction Manager	DAY	5	\$1,700.00	\$8,500.00	\$1,000.00	\$5,000.00	\$2,000.00	\$10,000.00	\$1,250.00	\$6,250.00
W-100	4" Ductile Iron Pipe Class 54 - Zinc Coated	LF	10	\$146.09	\$1,460.90	\$150	\$1,500.00	\$155	\$1,550.00	\$255	\$2,550.00
W-101	6" Ductile Iron Pipe Class 54 - Zinc Coated	LF	30	\$125.45	\$3,763.50	\$150	\$4,500.00	\$160	\$4,800.00	\$200	\$6,000.00
W-102	8" Ductile Iron Pipe Class 54 - Zinc Coated	LF	210	\$157.58	\$33,312.60	\$225	\$47,250.00	\$175	\$36,750.00	\$450	\$94,500.00
W-103	12" Ductile Iron Pipe Class 54 - Zinc Coated	LF	166	\$200.53	\$33,287.98	\$250	\$41,500.00	\$200	\$33,200.00	\$350	\$58,100.00
W-104	20" Ductile Iron Pipe Class 54 - Zinc Coated	LF	10	\$343.32	\$3,433.20	\$450	\$4,500.00	\$250	\$2,500.00	\$800	\$8,000.00
W-105	12" Ductile Iron Pipe Class 56	LF	94	\$198.80	\$18,687.20	\$130	\$12,220.00	\$225	\$21,150.00	\$150	\$14,100.00
W-15	Public Water Service Line - PEXa - All Sizes, up to 15 LF in Total Length	EA	5	\$2,577.79	\$12,888.95	\$2,000.00	\$10,000.00	\$4,000.00	\$20,000.00	\$4,500.00	\$22,500.00
W-17	Public Water Service Line - PEXa - All Sizes, Greater Than 15 LF in Total Length	LF	50	\$49.83	\$2,491.50	\$80	\$4,000.00	\$65	\$3,250.00	\$100	\$5,000.00
W-19	Extra Waterline Trench Excavation and Backfill (Greater than 8 feet deep)	CY	40	\$112.32	\$4,492.80	\$80	\$3,200.00	\$25	\$1,000.00	\$46	\$1,840.00
W-21	Mechanical Joint Ductile Iron Fittings – Fusion Bonded Epoxy Coating	LB	6100	\$7.28	\$44,408.00	\$6	\$36,600.00	\$4.75	\$28,975.00	\$3	\$18,300.00
W-24	Remove and Salvage Existing Deep Frame and Cover, Risers and/or M.E.G. Box Outside of Trench Area	EA	8	\$120.66	\$965.28	\$100	\$800	\$100	\$800	\$150	\$1,200.00
W-28	Reset Existing Fire Hydrant to New Water Line	EA	1	\$965.26	\$965.26	\$3,500.00	\$3,500.00	\$1,500.00	\$1,500.00	\$1,125.00	\$1,125.00
W-29	Install New Fire Hydrant	EA	1	\$8,553.14	\$8,553.14	\$9,500.00	\$9,500.00	\$4,500.00	\$4,500.00	\$5,500.00	\$5,500.00
W-31	Temporary Water Service, All Sizes	EA	4	\$233.38	\$933.52	\$250	\$1,000.00	\$150	\$600	\$250	\$1,000.00
W-32	4" to 10" Sewer Lateral Encountered in Water Line Trench	LF	20	\$190.10	\$3,802.00	\$60	\$1,200.00	\$30	\$600	\$70	\$1,400.00
W-33	15" Sewer Encountered in Water Line Trench	LF	10	\$125.37	\$1,253.70	\$70	\$700	\$65	\$650	\$110	\$1,100.00
W-34	Gate Valve Installed as Part of New Water Line - 4"	EA	1	\$2,182.68	\$2,182.68	\$700	\$700	\$950	\$950	\$1,400.00	\$1,400.00
W-35	Gate Valve Installed as Part of New Water Line - 6"	EA	1	\$2,394.92	\$2,394.92	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$1,600.00	\$1,600.00
W-36	Gate Valve Installed as Part of New Water Line - 8"	EA	6	\$2,831.52	\$16,989.12	\$2,250.00	\$13,500.00	\$1,500.00	\$9,000.00	\$2,000.00	\$12,000.00
W-38	Gate Valve Installed as Part of New Water Line - 12"	EA	1	\$7,051.06	\$7,051.06	\$2,750.00	\$2,750.00	\$2,850.00	\$2,850.00	\$3,500.00	\$3,500.00
W-72	Water Service Line Termination	EA	2	\$2,373.50	\$4,747.00	\$500	\$1,000.00	\$3,500.00	\$7,000.00	\$250	\$500
W-87	Private Water Service Line Replacement, 1" Diameter and Less – 0 to 20 LF in Total Length	EA	1	\$3,261.96	\$3,261.96	\$2,500.00	\$2,500.00	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00
W-88	Private Water Service Line Replacement, 1" Diameter and Less – Greater Than 20 LF in Total Length	LF	10	\$105.41	\$1,054.10	\$75	\$750	\$60	\$600	\$100	\$1,000.00
W-90	Installation of Additional Concrete Floor Penetrations	EA	1	\$1,845.91	\$1,845.91	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$450	\$450
W-95	Remove and Salvage Existing Fire Hydrant	EA	1	\$464.50	\$464.50	\$500	\$500	\$500	\$500	\$700	\$700
W-97	Interior Copper Piping Greater Than 10 LF	LF	20	\$200.35	\$4,007.00	\$25	\$500	\$20	\$400	\$100	\$2,000.00
W-106	Jack and Bore with 20" Steel Casing Pipe	LF	94	\$899.88	\$84,588.72	\$975	\$91,650.00	\$750	\$70,500.00	\$1,200.00	\$112,800.00
W-107	Disconnection of Washout Discharge Pipe	EA	1	\$1,898.79	\$1,898.79	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$500	\$500
R-1	Concrete Paving Base (All Classes)	CY	90	\$478.84	\$43,095.60	\$450	\$40,500.00	\$425	\$38,250.00	\$525	\$47,250.00
R-3	Concrete Sidewalk and ADA Handicapped Ramp	SY	25	\$175.03	\$4,375.75	\$40	\$1,000.00	\$130	\$3,250.00	\$250	\$6,250.00
R-4	Concrete Deep Curb and Deep Radius Curb	LF	25	\$89.65	\$2,241.25	\$70	\$1,750.00	\$68	\$1,700.00	\$75	\$1,875.00
R-7	Cold Patch Bituminous Pavement Replacement	TON	70	\$109.15	\$7,640.50	\$110	\$7,700.00	\$110	\$7,700.00	\$150	\$10,500.00
R-8	Milling	CY	134	\$107.78	\$14,442.52	\$45	\$6,030.00	\$39	\$5,226.00	\$83	\$11,122.00
R-11	Bituminous Pavement Replacement - Wearing Course	TON	110	\$106.24	\$11,686.40	\$175	\$19,250.00	\$250	\$27,500.00	\$150	\$16,500.00
R-12	Bituminous Pavement Replacement - Binder Course	TON	180	\$90.18	\$16,232.40	\$175	\$31,500.00	\$225	\$40,500.00	\$110	\$19,800.00
R-17	Salvage and Deliver Blockstone and Brick	SY	20	\$3.32	\$66.40	\$70	\$1,400.00	\$25	\$500	\$9	\$180
R-19	Landscape Restoration	SY	10	\$60.10	\$601.00	\$50	\$500	\$12	\$120	\$175	\$1,750.00
R-21	Crushed Stone Sub-Base	CY	70	\$42.79	\$2,995.30	\$70	\$4,900.00	\$55	\$3,850.00	\$65	\$4,550.00
R-25	4" - 24" Traffic Markings	LF	2500	\$3.18	\$7,950.00	\$4	\$10,000.00	\$6	\$15,000.00	\$2	\$5,000.00
R-28	Replace Manhole Casting with New Casting and/or Raise Casting up to 1-foot in Depth	EA	1	\$2,032.01	\$2,032.01	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$1,250.00	\$1,250.00
R-37	Backfill Undermined Street	CY	10	\$99.08	\$990.80	\$70	\$700	\$48	\$480	\$85	\$850
R-48	Bituminous Pavement Replacement - Flexible Road Base	TON	10	\$201.47	\$2,014.70	\$250	\$2,500.00	\$200	\$2,000.00	\$450	\$4,500.00
W-108	Waterline - Line Stop (Double) - 20"	EA	1	\$22,623.35	\$22,623.35	\$30,000.00	\$30,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00