

				A Folino Construction		A. Merante Contracting, Inc.		Independent Enterprises, Inc.		M. O'HERRON COMPANY	
Project No.: 2021-OPS-115-0											
Project Name: 2021 Manhole and Point Repair Contract				\$2,065,825.00		\$2,528,468.00		\$2,348,330.00		\$2,088,028.00	
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	LS	1	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00	\$45,000.00	\$45,000.00	\$30,000.00	\$30,000.00
U-4	Rock and Obstruction Excavation, All Depths	CY	35	\$20	\$700	\$20	\$700	\$9	\$315	\$19	\$665
U-5	Exploratory Excavation and Backfill	CY	200	\$40	\$8,000.00	\$40	\$8,000.00	\$20	\$4,000.00	\$95	\$19,000.00
U-6	Hand Digging and Tunneling	MHR	15	\$70	\$1,050.00	\$68	\$1,020.00	\$45	\$675	\$50	\$750
U-7	Additional Bedding Material, As Directed	CY	35	\$55	\$1,925.00	\$35	\$1,225.00	\$20	\$700	\$38	\$1,330.00
U-8	Concrete Encasement	CY	15	\$150	\$2,250.00	\$165	\$2,475.00	\$110	\$1,650.00	\$130	\$1,950.00
U-9	Concrete Anchors and Thrust Blocks	CY	15	\$150	\$2,250.00	\$145	\$2,175.00	\$110	\$1,650.00	\$130	\$1,950.00
U-10	Flowable Fill	CY	15	\$150	\$2,250.00	\$145	\$2,175.00	\$100	\$1,500.00	\$130	\$1,950.00
U-11	Bypass/Dewatering Pumping as Directed	HR	50	\$65	\$3,250.00	\$62	\$3,100.00	\$50	\$2,500.00	\$60	\$3,000.00
U-12	Flag Person	MHR	3125	\$60	\$187,500.00	\$65	\$203,125.00	\$60	\$187,500.00	\$62	\$193,750.00
U-13	Off Duty Uniformed Officer	MHR	625	\$40	\$25,000.00	\$67	\$41,875.00	\$50	\$31,250.00	\$52	\$32,500.00
U-14	Miscellaneous Work Time for a Full Crew	CHR	350	\$550	\$192,500.00	\$615	\$215,250.00	\$625	\$218,750.00	\$580	\$203,000.00
U-16	Field Survey and Engineering	LS	1	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$850	\$850
U-17	Master Plumber Time	MHR	8	\$110	\$880	\$80	\$640	\$80	\$640	\$75	\$600
U-18	Journeyman Plumber Time	MHR	30	\$80	\$2,400.00	\$70	\$2,100.00	\$85	\$2,550.00	\$68	\$2,040.00
W-2	6" Ductile Iron Pipe Class 52	LF	30	\$90	\$2,700.00	\$46	\$1,380.00	\$39	\$1,170.00	\$75	\$2,250.00
W-3	8" Ductile Iron Pipe Class 52	LF	60	\$90	\$5,400.00	\$60	\$3,600.00	\$60	\$3,600.00	\$90	\$5,400.00
S-1	8" PVC SDR 26 Sewer Pipe	LF	75	\$90	\$6,750.00	\$50	\$3,750.00	\$50	\$3,750.00	\$45	\$3,375.00
S-3	12" PVC SDR 26 Sewer Pipe	LF	100	\$90	\$9,000.00	\$65	\$6,500.00	\$55	\$5,500.00	\$50	\$5,000.00
S-4	15" PVC SDR 26 Sewer Pipe	LF	1000	\$90	\$90,000.00	\$75	\$75,000.00	\$60	\$60,000.00	\$75	\$75,000.00
S-5	18" PVC SDR 26 Sewer Pipe	LF	200	\$90	\$18,000.00	\$75	\$15,000.00	\$60	\$12,000.00	\$80	\$16,000.00
S-6	21" PVC SDR 26 Sewer Pipe	LF	15	\$90	\$1,350.00	\$80	\$1,200.00	\$60	\$900	\$95	\$1,425.00
S-8	18" RCP Class IV Sewer Pipe	LF	20	\$90	\$1,800.00	\$60	\$1,200.00	\$60	\$1,200.00	\$60	\$1,200.00
S-9	21" RCP Class IV Sewer Pipe	LF	15	\$90	\$1,350.00	\$60	\$900	\$60	\$900	\$60	\$900
S-10	24" RCP Class IV Sewer Pipe	LF	35	\$90	\$3,150.00	\$65	\$2,275.00	\$60	\$2,100.00	\$85	\$2,975.00
S-12	36" RCP Class IV Sewer Pipe	LF	30	\$90	\$2,700.00	\$70	\$2,100.00	\$60	\$1,800.00	\$100	\$3,000.00
S-34	Sewer Laterals (4" to 10" PVC)	LF	120	\$50	\$6,000.00	\$67	\$8,040.00	\$60	\$7,200.00	\$30	\$3,600.00
S-35	Trench Excavation 0' - 15' Depth	CY	3800	\$90	\$342,000.00	\$125	\$475,000.00	\$145	\$551,000.00	\$95	\$361,000.00
S-36	Additional Trench Excavation (Greater than 15' Depth)	CY	150	\$50	\$7,500.00	\$110	\$16,500.00	\$85	\$12,750.00	\$100	\$15,000.00
S-37	Aggregate Trench Backfill Above Pipe Zone	CY	2270	\$58	\$131,660.00	\$60	\$136,200.00	\$40	\$90,800.00	\$55	\$124,850.00
S-38	Earthen Backfill Above Pipe Zone	CY	300	\$20	\$6,000.00	\$18	\$5,400.00	\$15	\$4,500.00	\$20	\$6,000.00
S-39	Additional PVC Fittings - 10" and smaller	EA	15	\$400	\$6,000.00	\$250	\$3,750.00	\$250	\$3,750.00	\$150	\$2,250.00
S-40	Additional PVC Fittings - Larger than 10"	EA	15	\$450	\$6,750.00	\$475	\$7,125.00	\$500	\$7,500.00	\$300	\$4,500.00
S-42	Wye Installation on New Sewer Main, Up To 15" (Including Laterals)	EA	4	\$700	\$2,800.00	\$450	\$1,800.00	\$350	\$1,400.00	\$300	\$1,200.00
S-43	Wye Installation on New Sewer Main, 15" and Larger	EA	4	\$700	\$2,800.00	\$2,400.00	\$9,600.00	\$800	\$3,200.00	\$750	\$3,000.00
S-44	Connections Into Existing Brick Sewer/Structure	EA	6	\$250	\$1,500.00	\$350	\$2,100.00	\$250	\$1,500.00	\$350	\$2,100.00
S-45	Connections Cored Into Sewer Main or Existing Structure	EA	6	\$250	\$1,500.00	\$300	\$1,800.00	\$300	\$1,800.00	\$350	\$2,100.00
S-49	48" Pre-Cast Manhole (0' to 15' Depth)	EA	38	\$8,500.00	\$323,000.00	\$10,000.00	\$380,000.00	\$10,000.00	\$380,000.00	\$6,800.00	\$258,400.00
S-50	60" Pre-Cast Manhole (0' to 15' Depth)	EA	10	\$9,000.00	\$90,000.00	\$10,750.00	\$107,500.00	\$10,000.00	\$100,000.00	\$7,250.00	\$72,500.00
S-52	48" Pre-Cast Manhole (Over 15' Depth)	VF	12	\$200	\$2,400.00	\$200	\$2,400.00	\$200	\$2,400.00	\$200	\$2,400.00
S-53	60" Pre-Cast Manhole (Over 15' Depth)	VF	8	\$200	\$1,600.00	\$200	\$1,600.00	\$200	\$1,600.00	\$250	\$2,000.00
S-55	Manhole Tie-in/Connection	EA	22	\$300	\$6,600.00	\$450	\$9,900.00	\$250	\$5,500.00	\$400	\$8,800.00
S-56	Vertical Drop Connection (Internal Drop Manhole)	VF	10	\$100	\$1,000.00	\$100	\$1,000.00	\$80	\$800	\$125	\$1,250.00
S-63	Catch Basin - Cast-In-Place - Type 1 Modified	EA	1	\$6,000.00	\$6,000.00	\$5,750.00	\$5,750.00	\$6,000.00	\$6,000.00	\$8,200.00	\$8,200.00
S-65	Catch Basin - Cast-In-Place - Type 13	EA	9	\$6,000.00	\$54,000.00	\$5,800.00	\$52,200.00	\$6,000.00	\$54,000.00	\$6,000.00	\$54,000.00
S-71	Rigid Concrete Bulkhead (15" to 24")	EA	2	\$150	\$300	\$125	\$250	\$200	\$400	\$100	\$200
S-72	Flexible Bulkhead (All Sizes)	EA	5	\$150	\$750	\$100	\$500	\$50	\$250	\$100	\$500
S-73	Concrete Headwall, Endwall and Wingwall	EA	2	\$1,000.00	\$2,000.00	\$1,350.00	\$2,700.00	\$350	\$700	\$350	\$700
S-89	Light Sewer Cleaning	HR	30	\$300	\$9,000.00	\$285	\$8,550.00	\$300	\$9,000.00	\$335	\$10,050.00
S-90	Heavy Sewer Cleaning	HR	30	\$300	\$9,000.00	\$310	\$9,300.00	\$350	\$10,500.00	\$335	\$10,050.00
S-96	Television Inspection Equipment with Pipe Locator	HR	125	\$300	\$37,500.00	\$310	\$38,750.00	\$300	\$37,500.00	\$325	\$40,625.00
S-108	Pre-repair verification and post-repair CCTV	LF	9000	\$2	\$18,000.00	\$6	\$54,000.00	\$3	\$27,000.00	\$5	\$45,000.00
R-1	Concrete Paving Base (All Classes)	CY	366	\$375	\$137,250.00	\$475	\$173,850.00	\$400	\$146,400.00	\$398	\$145,668.00
R-7	Cold Patch Bituminous Pavement Replacement	TON	250	\$90	\$22,500.00	\$110	\$27,500.00	\$100	\$25,000.00	\$95	\$23,750.00
R-12	Bituminous Pavement Replacement - Binder Course - Primary Street	TON	140	\$165	\$23,100.00	\$190	\$26,600.00	\$195	\$27,300.00	\$178	\$24,920.00
R-17	Salvage and Deliver Blockstone and Brick	SY	30	\$5	\$150	\$5	\$150	\$10	\$300	\$10	\$300
R-18	Hydroseeding	SY	2000	\$1	\$2,000.00	\$1.50	\$3,000.00	\$1.50	\$3,000.00	\$0.75	\$1,500.00
R-19	Landscape Restoration	SY	750	\$5	\$3,750.00	\$10	\$7,500.00	\$3	\$2,250.00	\$5	\$3,750.00
R-20	Clearing & Grubbing	SY	800	\$5	\$4,000.00	\$8	\$6,400.00	\$6.75	\$5,400.00	\$5	\$4,000.00
R-21	Crushed Stone Sub-Base	CY	274	\$45	\$12,330.00	\$62	\$16,988.00	\$45	\$12,330.00	\$45	\$12,330.00
R-22	6" Underdrain	LF	20	\$5	\$100	\$18	\$360	\$5	\$100	\$15	\$300
R-28	Replace Manhole Casting with New Casting and/or Raise Casting up to 1-foot in Depth	EA	19	\$1,250.00	\$23,750.00	\$2,900.00	\$55,100.00	\$1,250.00	\$23,750.00	\$1,300.00	\$24,700.00
R-29	Replace Catch Basin Casting with New Casting and/or Raise Casting up to 1-foot in Depth (3-Flange or 4-Flange Frame and Grate)	EA	6	\$1,250.00	\$7,500.00	\$1,750.00	\$10,500.00	\$1,500.00	\$9,000.00	\$2,000.00	\$12,000.00
R-31	Raise Manhole to Grade, 48" Diameter, 1-4 ft. Depth	VF	25	\$1,000.00	\$25,000.00	\$1,375.00	\$34,375.00	\$600	\$15,000.00	\$500	\$12,500.00

R-32	Raise Manhole to Grade, 60" Diameter, 1-4 ft. Depth	VF	10	\$1,000.00	\$10,000.00	\$800	\$8,000.00	\$700	\$7,000.00	\$550	\$5,500.00
R-34	Raise Manhole to Grade, 48" Diameter, Greater Than 4 ft. Depth (With DIRECTOR Approval)	VF	5	\$1,000.00	\$5,000.00	\$1,000.00	\$5,000.00	\$700	\$3,500.00	\$500	\$2,500.00
R-35	Raise Manhole to Grade, 60" Diameter, Greater Than 4 ft. Depth (With DIRECTOR Approval)	VF	5	\$1,000.00	\$5,000.00	\$800	\$4,000.00	\$850	\$4,250.00	\$550	\$2,750.00
R-37	Backfill Undermined Street	CY	20	\$20	\$400	\$50	\$1,000.00	\$40	\$800	\$20	\$400
R-43	Tree and Stump Removal	EA	3	\$500	\$1,500.00	\$600	\$1,800.00	\$400	\$1,200.00	\$500	\$1,500.00
R-44	Tree Remove & Replace	EA	3	\$500	\$1,500.00	\$800	\$2,400.00	\$600	\$1,800.00	\$1,500.00	\$4,500.00
R-2	Reinforced Concrete Street and Driveways	CY	30	\$425	\$12,750.00	\$475	\$14,250.00	\$500	\$15,000.00	\$425	\$12,750.00
R-3	Concrete Sidewalk and ADA Handicapped Ramp	SY	140	\$110	\$15,400.00	\$115	\$16,100.00	\$300	\$42,000.00	\$140	\$19,600.00
R-4	Concrete Deep Curb and Deep Radius Curb	LF	100	\$60	\$6,000.00	\$57	\$5,700.00	\$70	\$7,000.00	\$65	\$6,500.00
R-6	12" x 6" Wedge Curb (Hand Placed)	LF	80	\$2	\$160	\$3	\$240	\$5	\$400	\$5	\$400
R-8	Milling – Wearing Course	SY	1900	\$4.30	\$8,170.00	\$11	\$20,900.00	\$2	\$3,800.00	\$9	\$17,100.00
R-9	Milling – Binder Course – Primary Street	SY	1600	\$5.50	\$8,800.00	\$5	\$8,000.00	\$2.25	\$3,600.00	\$9	\$14,400.00
R-10	Milling – Binder Course – Secondary Street	SY	300	\$5.50	\$1,650.00	\$5	\$1,500.00	\$2.50	\$750.00	\$9	\$2,700.00
R-11	Bituminous Pavement Replacement – Wearing Course	TON	140	\$145	\$20,300.00	\$220	\$30,800.00	\$200	\$28,000.00	\$175	\$24,500.00
R-14	Blockstone Street Paving	SY	150	\$75	\$11,250.00	\$200	\$30,000.00	\$100	\$15,000.00	\$135	\$20,250.00
R-15	Brick Street Repaving	SY	150	\$75	\$11,250.00	\$185	\$27,750.00	\$75	\$11,250.00	\$120	\$18,000.00
R-16	Brick Sidewalk	SY	100	\$75	\$7,500.00	\$150	\$15,000.00	\$65	\$6,500.00	\$75	\$7,500.00
R-23	Rip Rap Grouted in Place (All sizes)	SY	15	\$130	\$1,950.00	\$115	\$1,725.00	\$200	\$3,000.00	\$95	\$1,425.00
R-25	Traffic Markings	LF	2000	\$2	\$4,000.00	\$1.50	\$3,000.00	\$3	\$6,000.00	\$4	\$8,000.00
R-45	Concrete Cap Bond Breaker	CY	10	\$300	\$3,000.00	\$350	\$3,500.00	\$300	\$3,000.00	\$190	\$1,900.00