

				IPR Northeast, LLC		Insituform Technologies		JET JACK		Michels Corporation		SAK Construction, LLC	
Project No.: 2020-424-106-2													
Project Name: 2021 Small Diameter Sewer Rehabilitation Contract No. 3				\$2,206,494.00		\$2,236,355.50		\$1,882,414.00		\$2,399,400.00		\$2,089,402.50	
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
S-48	Sewer Lateral Reinstatement	EA	565	\$5	\$2,825.00	\$77	\$43,505.00	\$50	\$28,250.00	\$44	\$24,860.00	\$25	\$14,125.00
S-72	Flexible Bulkhead (All Sizes)	EA	6	\$111	\$666	\$75	\$450	\$125	\$750	\$106	\$636	\$105	\$630
S-81	8" Diameter Full Lining	LF	18433	\$38	\$700,454.00	\$42	\$774,186.00	\$40	\$737,320.00	\$49	\$903,217.00	\$32.50	\$599,072.50
S-81A	9" Diameter Full Lining	LF	1505	\$46	\$69,230.00	\$57	\$85,785.00	\$40	\$60,200.00	\$50	\$75,250.00	\$46	\$69,230.00
S-82	10" Diameter Full Lining	LF	913	\$53	\$48,389.00	\$59	\$53,867.00	\$33	\$30,129.00	\$56	\$51,128.00	\$48	\$43,824.00
S-83	12" Diameter Full Lining	LF	1104	\$58	\$64,032.00	\$63.50	\$70,104.00	\$50	\$55,200.00	\$55	\$60,720.00	\$50	\$55,200.00
S-84	15" Diameter Full Lining	LF	41	\$153	\$6,273.00	\$275	\$11,275.00	\$60	\$2,460.00	\$250	\$10,250.00	\$400	\$16,400.00
S-88	House Lateral Lining	EA	6	\$3,350.00	\$20,100.00	\$3,100.00	\$18,600.00	\$500	\$3,000.00	\$3,132.00	\$18,792.00	\$3,000.00	\$18,000.00
S-90	Heavy Sewer Cleaning	HR	90	\$412	\$37,080.00	\$50	\$4,500.00	\$5	\$450	\$395	\$35,550.00	\$420	\$37,800.00
S-91	Heavy Roots and Deposit Removal	HR	50	\$412	\$20,600.00	\$50	\$2,500.00	\$5	\$250	\$395	\$19,750.00	\$420	\$21,000.00
S-92	Grinding of Protruding Sewer Lateral Connection	EA	62	\$236	\$14,632.00	\$225	\$13,950.00	\$150	\$9,300.00	\$421	\$26,102.00	\$525	\$32,550.00
S-99	CCTV Inspection 8" - 15" Diameter	LF	1500	\$5.85	\$8,775.00	\$5.50	\$8,250.00	\$3	\$4,500.00	\$3.75	\$5,625.00	\$5	\$7,500.00
S-1	8" PVC SDR 26 Sewer Pipe	LF	230	\$76	\$17,480.00	\$71	\$16,330.00	\$110	\$25,300.00	\$69	\$15,870.00	\$68	\$15,640.00
S-2	10" PVC SDR 26 Sewer Pipe	LF	72	\$76	\$5,472.00	\$71	\$5,112.00	\$110	\$7,920.00	\$69	\$4,968.00	\$68	\$4,896.00
S-3	12" PVC SDR 26 Sewer Pipe	LF	20	\$76	\$1,520.00	\$71	\$1,420.00	\$115	\$2,300.00	\$69	\$1,380.00	\$68	\$1,360.00
S-4	15" PVC SDR 26 Sewer Pipe	LF	20	\$170	\$3,400.00	\$160	\$3,200.00	\$130	\$2,600.00	\$153	\$3,060.00	\$155	\$3,100.00
S-11	30" RCP Class IV Sewer Pipe	LF	16	\$147	\$2,352.00	\$140	\$2,240.00	\$145	\$2,320.00	\$132	\$2,112.00	\$130	\$2,080.00
S-34	Sewer Laterals (4" to 10" PVC)	LF	180	\$59	\$10,620.00	\$55	\$9,900.00	\$100	\$18,000.00	\$53	\$9,540.00	\$52	\$9,360.00
S-35	Trench Excavation 0' - 15' Depth	CY	939	\$205	\$192,495.00	\$191	\$179,349.00	\$165	\$154,935.00	\$185	\$173,715.00	\$182	\$173,715.00
S-36	Additional Trench Excavation (Greater than 15' Depth)	CY	19	\$211	\$4,009.00	\$196	\$3,724.00	\$135	\$2,565.00	\$190	\$3,610.00	\$190	\$3,610.00
S-37	Aggregate Trench Backfill Above Pipe Zone	CY	539	\$71	\$38,269.00	\$65.50	\$35,304.50	\$65	\$35,035.00	\$64	\$34,496.00	\$63	\$33,957.00
S-38	Earthen Backfill Above Pipe Zone	CY	218	\$35	\$7,630.00	\$33	\$7,194.00	\$35	\$7,630.00	\$32	\$6,976.00	\$31	\$6,758.00
S-39	Additional PVC Fittings - 10" and smaller	EA	59	\$147	\$8,673.00	\$140	\$8,260.00	\$150	\$8,850.00	\$132	\$7,788.00	\$130	\$7,670.00
S-40	Additional PVC Fittings - Larger than 10"	EA	4	\$293	\$1,172.00	\$275	\$1,100.00	\$400	\$1,600.00	\$264	\$1,056.00	\$263	\$1,052.00
S-42	Wye Installation on New Sewer Main, Up To 15" (Including Laterals)	EA	18	\$940	\$16,920.00	\$875	\$15,750.00	\$700	\$12,600.00	\$843	\$15,174.00	\$850	\$15,300.00
S-43	Wye Installation on New Sewer Main, 15" and larger	EA	1	\$2,200.00	\$2,200.00	\$2,050.00	\$2,050.00	\$1,500.00	\$1,500.00	\$1,974.00	\$1,974.00	\$1,975.00	\$1,975.00
S-49	48" Pre-Cast Manhole (0' to 15' Depth)	EA	8	\$10,180.00	\$81,440.00	\$9,500.00	\$76,000.00	\$8,500.00	\$68,000.00	\$9,160.00	\$73,280.00	\$9,150.00	\$73,200.00
S-52	48" Pre-Cast Manhole (Over 15' Depth)	VF	30	\$117	\$3,510.00	\$110	\$3,300.00	\$275	\$8,250.00	\$106	\$3,180.00	\$105	\$3,150.00
S-55	Manhole Tie-in/Connection	EA	8	\$470	\$3,760.00	\$275	\$2,200.00	\$400	\$3,200.00	\$421	\$3,368.00	\$420	\$3,360.00
S-69	Catch Basin Tie-in/Connection	EA	1	\$585	\$585	\$550	\$550	\$1,000.00	\$1,000.00	\$527	\$527	\$525	\$525
S-106	Catch Basin - Cast-in-place - Type 5 Basket Grate	EA	1	\$6,950.00	\$6,950.00	\$6,500.00	\$6,500.00	\$1,500.00	\$1,500.00	\$6,211.00	\$6,211.00	\$6,200.00	\$6,200.00
R-1	Concrete Paving Base	CY	65	\$485	\$31,525.00	\$450	\$29,250.00	\$450	\$29,250.00	\$432	\$28,080.00	\$430	\$27,950.00
R-2	Reinforced Concrete Street and Driveway	CY	15	\$470	\$7,050.00	\$275	\$4,125.00	\$300	\$4,500.00	\$421	\$6,315.00	\$420	\$6,300.00
R-3	Concrete Sidewalk and ADA-Compliant Ramp	SY	189	\$223	\$42,147.00	\$150	\$28,350.00	\$200	\$37,800.00	\$209	\$39,501.00	\$200	\$37,800.00
R-4	Concrete Deep Curb and Deep Radius Curb	LF	130	\$94	\$12,220.00	\$88	\$11,440.00	\$70	\$9,100.00	\$85	\$11,050.00	\$84	\$10,920.00
R-7	Cold Patch Bituminous Pavement Replacement	TON	4	\$147	\$588	\$140	\$560	\$110	\$440	\$132	\$528	\$130	\$520
R-8	Milling - Wearing Course	SY	765	\$12	\$9,180.00	\$11	\$8,415.00	\$5	\$3,825.00	\$11	\$8,415.00	\$11	\$8,415.00
R-11	Bituminous Pavement Replacement - Wearing Course	TON	88	\$236	\$20,768.00	\$220	\$19,360.00	\$150	\$13,200.00	\$211	\$18,568.00	\$210	\$18,480.00
R-13	Bituminous Pavement Replacement - Binder Course - Secondary Street	TON	40	\$235	\$9,400.00	\$220	\$8,800.00	\$15	\$600	\$211	\$8,440.00	\$210	\$8,400.00
R-18	Hydroseeding	SY	370	\$12	\$4,440.00	\$11	\$4,070.00	\$5	\$1,850.00	\$11	\$4,070.00	\$10	\$3,700.00
R-19	Landscape Restoration	SY	225	\$10	\$2,250.00	\$9	\$2,025.00	\$5	\$1,125.00	\$9	\$2,025.00	\$9	\$2,025.00
R-20	Clearing & Grubbing	SY	80	\$30	\$2,400.00	\$28	\$2,240.00	\$5	\$400	\$27	\$2,160.00	\$25	\$2,000.00
R-21	Crushed Stone Sub-Base	CY	20	\$71	\$1,420.00	\$65.50	\$1,310.00	\$50	\$1,000.00	\$64	\$1,280.00	\$62	\$1,240.00
R-28	Replace Manhole Casting with New Casting and/or Raise Casting up to 1-foot in Depth	EA	9	\$2,650.00	\$23,850.00	\$2,500.00	\$22,500.00	\$2,500.00	\$22,500.00	\$2,375.00	\$21,375.00	\$2,350.00	\$21,150.00
R-31	Raise Manhole to Grade, 48" Diameter, 1-4 ft. Depth	VF	36	\$1,175.00	\$42,300.00	\$1,100.00	\$39,600.00	\$750	\$27,000.00	\$1,053.00	\$37,908.00	\$1,050.00	\$37,800.00
R-34	Raise Manhole to Grade, 48" Diameter, Greater Than 4 ft. Depth (With DIRECTOR Approval)	VF	12	\$1,475.00	\$17,700.00	\$1,400.00	\$16,800.00	\$500	\$6,000.00	\$1,316.00	\$15,792.00	\$1,300.00	\$15,600.00
R-38	Dry Stone/Block Wall Replacement	SY	10	\$265	\$2,650.00	\$250	\$2,500.00	\$50	\$500	\$237	\$2,370.00	\$235.00	\$23,350.00
R-39	Concrete Retaining Wall Replacement	SY	10	\$1,770.00	\$17,700.00	\$1,650.00	\$16,500.00	\$750	\$7,500.00	\$1,579.00	\$15,790.00	\$1,575.00	\$15,750.00
R-40	Retaining Wall Reconstruction Placement	SY	20	\$295	\$5,900.00	\$275	\$5,500.00	\$50	\$1,000.00	\$264	\$5,280.00	\$260	\$5,200.00
R-43	Tree and Stump Removal	EA	6	\$1,875.00	\$11,250.00	\$800	\$4,800.00	\$500	\$3,000.00	\$1,685.00	\$10,110.00	\$1,675.00	\$10,050.00
R-44	Tree Remove and Replace	EA	5	\$2,950.00	\$14,750.00	\$2,750.00	\$13,750.00	\$500	\$2,500.00	\$2,632.00	\$13,160.00	\$2,600.00	\$13,000.00
R-45	Concrete Cap with Bond Breaker	CY	87	\$352	\$30,624.00	\$328	\$28,536.00	\$600	\$52,200.00	\$316	\$27,492.00	\$300	\$26,100.00
R-45A	Temporary Winter Concrete Base and Cap	CY	87	\$302	\$26,274.00	\$328	\$28,536.00	\$150	\$13,050.00	\$316	\$27,492.00	\$300	\$26,100.00
R-46	Remove and Reset Fence	LS	1	\$585	\$585	\$550	\$550	\$10	\$10	\$526	\$526	\$525	\$525
R-49	Crosswalk and Other Pavement Marking	LS	1	\$2,350.00	\$2,350.00	\$2,200.00	\$2,200.00	\$500	\$500	\$2,105.00	\$2,105.00	\$2,500.00	\$2,500.00
U-1	Mobilization/Demobilization, Permits, Bonds and Insurance, Maintenance and Protection of Traffic	LS	1	\$45,000.00	\$45,000.00	\$99,000.00	\$99,000.00	\$80,000.00	\$80,000.00	\$116,231.00	\$116,231.00	\$70,000.00	\$70,000.00
U-4	Rock and Obstruction Excavation, All Depths	CY	90	\$24	\$2,160.00	\$18	\$1,620.00	\$5	\$450	\$21	\$1,890.00	\$20	\$1,800.00
U-5	Exploratory Excavation and Backfill	CY	190	\$141	\$26,790.00	\$131	\$24,890.00	\$150	\$28,500.00	\$127	\$24,130.00	\$125	\$23,750.00
U-6	Hand Digging and Tunneling	HR	120	\$68	\$8,160.00	\$40	\$4,800.00	\$50	\$6,000.00	\$61	\$7,320.00	\$60	\$7,200.00
U-7	Additional Bedding Material, As Directed	CY	50	\$71	\$3,550.00	\$30	\$1,500.00	\$55	\$2,750.00	\$64	\$3,200.00	\$62	\$3,100.00
U-10	Flowable Fill	CY	26	\$235	\$6,110.00	\$102	\$2,652.00	\$175	\$4,550.00	\$211	\$5,486.00	\$210	\$5,460.00
U-11	Bypass/Dewatering Pumping, As Directed (>5MGD Flows)	HR	40	\$53	\$2,120.00	\$50	\$2,000.00	\$60	\$2,400.00	\$48	\$1,920.00	\$45	\$1,800.00
U-12	Flag Person	HR	3670	\$78	\$286,260.00	\$78	\$286,260.00	\$50	\$183,500.00	\$72	\$264,240.00	\$88	\$322,960.00
U-13	Off Duty Uniformed Officer	HR	186	\$65	\$12,090.00	\$60	\$11,160.00	\$50	\$9,300.00	\$58	\$10,788.00	\$58	\$10,788.00
U-14	Miscellaneous Work Time for a Full Crew	CHR	80	\$590	\$47,200.00	\$375	\$30,000.00	\$250	\$20,000.00	\$527	\$42,160.00	\$250	\$20,000.00
U-16	Field Survey and Engineering	LS	1	\$20,500.00	\$20,500.00	\$2,700.00	\$2,700.00	\$1,000.00	\$1,000.00	\$6,316.00	\$6,316.00	\$5,250.00	\$5,250.00
U-17	Master Plumber	HR	16	\$68	\$1,088.00	\$40	\$640	\$80	\$1,280.00	\$69	\$1,104.00	\$67	\$1,072.00
U-18	Journeyman Plumber	HR	24	\$68	\$1,632.00	\$40	\$960	\$80	\$1,920.00	\$69	\$1,656.00	\$67	\$1,608.00
U-501	Erosion & Sediment Control (CIPP Lining Work Only)	LS	1	\$3,000.00	\$3,000.00	\$1	\$1	\$5,000.00	\$5,000.00	\$2,962.00	\$2,962.00	\$7,500.00	\$7,500.00