

Project No:		2020-424-100-0			IPR Northeast, LLC		Insight Pipe Contracting, LLC		Insituform Technologies		JET JACK		SAK Construction, LLC	
Project Name:		2020 SMALL DIAMETER SEWER REHABILITATION CONTRACT 1			\$5,630,229.40		\$6,731,070.80		\$3,791,034.00		\$4,036,947.50		\$4,490,315.00	
#	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
1	U-1	Mobilization / Demobilization, Permits, Bonds and Insurance, Maintenance and Protection of Traffic	LS	1	\$260,000.00	\$260,000.00	\$171,000.00	\$171,000.00	\$156,000.00	\$156,000.00	\$132,000.00	\$132,000.00	\$57,000.00	\$57,000.00
2	U-4	Rock and Obstruction Excavation, All Depths	CY	10	\$28	\$280	\$446	\$4,460.00	\$21	\$210	\$50	\$500	\$20	\$200
3	U-5	Exploratory Excavation and Backfill	CY	25	\$68	\$1,700.00	\$275	\$6,875.00	\$63	\$1,575.00	\$200	\$5,000.00	\$75	\$1,875.00
4	U-6	Hand Digging and Tunneling	MHR	20	\$66	\$1,320.00	\$191	\$3,820.00	\$60	\$1,200.00	\$50	\$1,000.00	\$56	\$1,120.00
5	U-7	Additional Bedding Material, As Directed	CY	20	\$68	\$1,360.00	\$94	\$1,880.00	\$63	\$1,260.00	\$55	\$1,100.00	\$66	\$1,320.00
6	U-8	Concrete Encasement	CY	5	\$250	\$1,250.00	\$539	\$2,695.00	\$230	\$1,150.00	\$100	\$500	\$200	\$1,000.00
7	U-10	Flowable Fill	CY	10	\$264.90	\$2,649.00	\$500	\$5,000.00	\$230	\$2,300.00	\$175	\$1,750.00	\$200	\$2,000.00
8	U-11	Dewatering Pumping as Directed	HR	120	\$78.27	\$9,392.40	\$82	\$9,840.00	\$68	\$8,160.00	\$100	\$12,000.00	\$60	\$7,200.00
9	U-12	Flag Person	MHR	3200	\$90	\$288,000.00	\$85	\$272,000.00	\$75	\$240,000.00	\$55	\$176,000.00	\$90	\$288,000.00
10	U-13	Off Duty Uniformed Officer	MHR	144	\$65	\$9,360.00	\$95	\$13,680.00	\$63	\$9,072.00	\$50	\$7,200.00	\$62	\$8,928.00
11	U-14	Miscellaneous Work Time for a Full Crew	CHR	20	\$740	\$14,800.00	\$1,137.00	\$22,740.00	\$250	\$5,000.00	\$750	\$15,000.00	\$700	\$14,000.00
12	U-15	Miscellaneous Premium Work for Full Time Crew	CHR	8	\$1,000.00	\$8,000.00	\$1,376.00	\$11,008.00	\$300	\$2,400.00	\$375	\$3,000.00	\$330	\$2,640.00
13	U-17	Master Plumber Time	MHR	8	\$85	\$680	\$133	\$1,064.00	\$78	\$624	\$85	\$680	\$77	\$616
14	U-18	Journeyman Plumber Time	MHR	8	\$80	\$640	\$133	\$1,064.00	\$73	\$584	\$90	\$720	\$72	\$576
15	U-105	CSX Protection Services	DAY	8	\$2,280.00	\$18,240.00	\$1,666.00	\$13,328.00	\$1	\$8	\$1,500.00	\$12,000.00	\$1,875.00	\$15,000.00
16	U-106	CSX Construction Manager	DAY	8	\$2,280.00	\$18,240.00	\$1,666.00	\$13,328.00	\$1	\$8	\$1,500.00	\$12,000.00	\$1,875.00	\$15,000.00
17	U-501	Erosion and Sediment Control	LS	1	\$3,420.00	\$3,420.00	\$41,666.00	\$41,666.00	\$3,150.00	\$3,150.00	\$10,000.00	\$10,000.00	\$3,500.00	\$3,500.00
18	S-1	8" PVC SDR 26 Sewer Pipe	LF	30	\$85	\$2,550.00	\$166	\$4,980.00	\$68	\$2,040.00	\$110	\$3,300.00	\$63	\$1,890.00
19	S-2	10" PVC SDR 26 Sewer Pipe	LF	10	\$65	\$650	\$205	\$2,050.00	\$52.50	\$525.00	\$110	\$1,100.00	\$51	\$510
20	S-3	12" PVC SDR 26 Sewer Pipe	LF	10	\$105	\$1,050.00	\$233	\$2,330.00	\$84	\$840	\$115	\$1,150.00	\$79	\$790
21	S-4	15" PVC SDR 26 Sewer Pipe	LF	190	\$163	\$30,970.00	\$322	\$61,180.00	\$131	\$24,890.00	\$130	\$24,700.00	\$125	\$23,750.00
22	S-5	18" PVC SDR 26 Sewer Pipe	LF	20	\$176	\$3,520.00	\$394	\$7,880.00	\$141.50	\$2,830.00	\$145	\$2,900.00	\$138	\$2,760.00
23	S-6	20" PVC SDR 26 Sewer Pipe	LF	10	\$108	\$1,080.00	\$439	\$4,390.00	\$99.50	\$995.00	\$145	\$1,450.00	\$98	\$980
24	S-10	24" RCP Class IV Sewer Pipe	LF	10	\$114	\$1,140.00	\$561	\$5,610.00	\$104.50	\$1,045.00	\$200	\$2,000.00	\$100	\$1,000.00
25	S-11	30" RCP Class IV Sewer Pipe	LF	10	\$125	\$1,250.00	\$633	\$6,330.00	\$115	\$1,150.00	\$250	\$2,500.00	\$110	\$1,100.00
26	S-12	36" RCP Class IV Sewer Pipe	LF	10	\$142	\$1,420.00	\$728	\$7,280.00	\$131	\$1,310.00	\$275	\$2,750.00	\$125	\$1,250.00
27	S-34	Sewer Laterals (4" to 10" PVC)	LF	50	\$45	\$2,250.00	\$161	\$8,050.00	\$42	\$2,100.00	\$100	\$5,000.00	\$42	\$2,100.00
28	S-35	Trench Excavation 0'-15' Depth	CY	1000	\$209	\$209,000.00	\$453	\$453,000.00	\$167.50	\$167,500.00	\$110	\$110,000.00	\$158	\$158,000.00
29	S-36	Additional Trench Excavation (Greater than 15' Depth)	CY	100	\$234	\$23,400.00	\$666	\$66,600.00	\$188.50	\$18,850.00	\$135	\$13,500.00	\$184	\$18,400.00
30	S-37	Aggregate Trench Backfill Above Pipe Zone	CY	640	\$85	\$54,400.00	\$109	\$69,760.00	\$68	\$43,520.00	\$65	\$41,600.00	\$69	\$44,160.00
31	S-38	Earthen Backfill Above Pipe Zone	CY	80	\$46	\$3,680.00	\$333	\$26,640.00	\$37	\$2,960.00	\$205	\$16,400.00	\$33.50	\$2,680.00
32	S-39	Additional PVC Fittings - 10" and smaller	EA	10	\$163	\$1,630.00	\$722	\$7,220.00	\$131	\$1,310.00	\$500	\$5,000.00	\$125	\$1,250.00
33	S-40	Additional PVC Fittings - Larger than 10"	EA	10	\$455	\$4,550.00	\$1,022.00	\$10,220.00	\$366.50	\$3,665.00	\$1,300.00	\$13,000.00	\$395	\$3,950.00
34	S-42	Wye Installation on New Sewer Main, Up To 15" (Including Laterals)	EA	15	\$1,040.00	\$15,600.00	\$3,211.00	\$48,165.00	\$837.50	\$12,562.50	\$700	\$10,500.00	\$700	\$10,500.00
35	S-43	Wye Installation on New Sewer Main, 15" and Larger	EA	5	\$2,438.00	\$12,190.00	\$3,944.00	\$19,720.00	\$1,965.00	\$9,825.00	\$1,500.00	\$7,500.00	\$1,925.00	\$9,625.00
36	S-44	Connections Into Existing Brick Sewer/Structure	EA	2	\$371	\$742	\$2,055.00	\$4,110.00	\$298.50	\$597.00	\$2,500.00	\$5,000.00	\$300	\$600
37	S-48A	Sewer Lateral Reinstatement	EA	1470	\$125	\$183,750.00	\$195	\$286,650.00	\$50	\$73,500.00	\$80	\$117,600.00	\$20	\$29,400.00
38	S-48B	Removal of Shipping Braces from Existing Wye Connection	EA	10	\$570	\$5,700.00	\$600	\$6,000.00	\$314	\$3,140.00	\$250	\$2,500.00	\$500	\$5,000.00
39	S-49	48" Pre-Cast Manhole (0' to 15' Depth)	EA	22	\$10,000.00	\$220,000.00	\$14,222.00	\$312,884.00	\$9,106.00	\$200,332.00	\$8,800.00	\$193,600.00	\$8,400.00	\$184,800.00
40	S-50	60" Pre-Cast Manhole (0' to 15' Depth)	EA	4	\$11,400.00	\$45,600.00	\$16,444.00	\$65,776.00	\$10,468.00	\$41,872.00	\$10,000.00	\$40,000.00	\$9,975.00	\$39,900.00
41	S-51	72" Pre-Cast Manhole (0' to 15' Depth)	EA	1	\$19,400.00	\$19,400.00	\$31,111.00	\$31,111.00	\$17,795.00	\$17,795.00	\$16,000.00	\$16,000.00	\$15,750.00	\$15,750.00

42	S-52	48" Pre-Cast Manhole (Over 15' Depth)	VF	20	\$114	\$2,280.00	\$533	\$10,660.00	\$104.75	\$2,095.00	\$275	\$5,500.00	\$105	\$2,100.00
43	S-53	60" Pre-Cast Manhole (Over 15' Depth)	VF	10	\$228	\$2,280.00	\$611	\$6,110.00	\$209.50	\$2,095.00	\$275	\$2,750.00	\$210	\$2,100.00
44	S-54	72" Pre-Cast Manhole (Over 15' Depth)	VF	5	\$570	\$2,850.00	\$911	\$4,555.00	\$523.50	\$2,617.50	\$275	\$1,375.00	\$525	\$2,625.00
45	S-55	Manhole Tie-in/Connection	EA	5	\$456	\$2,280.00	\$2,166.00	\$10,830.00	\$419	\$2,095.00	\$400	\$2,000.00	\$420	\$2,100.00
46	S-62	Invert Structural Repair	CY	5	\$510	\$2,550.00	\$1,333.00	\$6,665.00	\$471	\$2,355.00	\$1,500.00	\$7,500.00	\$420	\$2,100.00
47	S-71	Rigid Concrete Bulkhead (15" to 24")	EA	2	\$115	\$230	\$2,500.00	\$5,000.00	\$105	\$210	\$1,000.00	\$2,000.00	\$105	\$210
48	S-72	Flexible Bulkhead (All Sizes)	EA	1	\$115	\$115	\$2,278.00	\$2,278.00	\$105	\$105	\$1,000.00	\$1,000.00	\$105	\$105
49	S-81	8" Diameter Full Lining	LF	1490	\$41	\$61,090.00	\$36	\$53,640.00	\$22	\$32,780.00	\$30	\$44,700.00	\$27.50	\$40,975.00
50	S-82	10" Diameter Full Lining	LF	290	\$52	\$15,080.00	\$67	\$19,430.00	\$48	\$13,920.00	\$33	\$9,570.00	\$75	\$21,750.00
51	S-83	12" Diameter Full Lining	LF	2510	\$66	\$165,660.00	\$54	\$135,540.00	\$50	\$125,500.00	\$35	\$87,850.00	\$45	\$112,950.00
52	S-84	15" Diameter Full Lining	LF	27010	\$80	\$2,160,800.00	\$67	\$1,809,670.00	\$49.50	\$1,336,995.00	\$51.25	\$1,384,262.50	\$70	\$1,890,700.00
53	S-85	18" Diameter Full Lining	LF	6950	\$91	\$632,450.00	\$86	\$597,700.00	\$60.50	\$420,475.00	\$90	\$625,500.00	\$72.50	\$503,875.00
54	S-86	20" Diameter Full Lining	LF	730	\$100	\$73,000.00	\$132	\$96,360.00	\$69	\$50,370.00	\$95	\$69,350.00	\$105	\$76,650.00
55	S-87	24" Diameter Full Lining	LF	610	\$156	\$95,160.00	\$169	\$103,090.00	\$105	\$64,050.00	\$125	\$76,250.00	\$130	\$79,300.00
56	S-89	Light Sewer Cleaning	HR	40	\$255	\$10,200.00	\$379	\$15,160.00	\$1	\$40	\$250	\$10,000.00	\$240	\$9,600.00
57	S-90	Heavy Sewer Cleaning	HR	200	\$314	\$62,800.00	\$600	\$120,000.00	\$1	\$200	\$275	\$55,000.00	\$300	\$60,000.00
58	S-91	Heavy Roots and Deposit Removal	HR	50	\$314	\$15,700.00	\$590	\$29,500.00	\$1	\$50	\$250	\$12,500.00	\$300	\$15,000.00
59	S-92	Grinding of Protruding Sewer Lateral Connection	EA	160	\$228	\$36,480.00	\$600	\$96,000.00	\$210	\$33,600.00	\$150	\$24,000.00	\$225	\$36,000.00
60	S-93	Vacuum Truck	HR	8	\$200	\$1,600.00	\$460	\$3,680.00	\$1	\$8	\$350	\$2,800.00	\$185	\$1,480.00
61	S-95	Push Camera for Internal TV Inspection	LF	100	\$21	\$2,100.00	\$27	\$2,700.00	\$10.50	\$1,050.00	\$5	\$500	\$16	\$1,600.00
62	S-97	Lateral Camera Inspection	LF	50	\$21	\$1,050.00	\$54	\$2,700.00	\$19	\$950	\$5	\$250	\$30	\$1,500.00
63	S-99	CCTV Inspection - 8" to 15" Diameter	LF	100	\$3.50	\$350.00	\$1.24	\$124.00	\$3	\$300	\$5	\$500	\$4	\$400
64	S-100	CCTV Inspection - 16" to 24" Diameter	LF	40	\$4.30	\$172.00	\$1.33	\$53.20	\$3.50	\$140.00	\$5	\$200	\$5	\$200
65	S-101	CCTV Inspection - 25" to 36" Diameter	LF	20	\$5.70	\$114.00	\$1.55	\$31.00	\$5.50	\$110.00	\$7	\$140	\$6	\$120
66	S-102	CCTV Inspection - Larger than 36" Diameter	LF	10	\$9	\$90	\$1.86	\$18.60	\$8.50	\$85.00	\$12	\$120	\$9	\$90
67	S-108	30" Diameter Full Lining	LF	700	\$209	\$146,300.00	\$217	\$151,900.00	\$148	\$103,600.00	\$150	\$105,000.00	\$190	\$133,000.00
68	S-109	36" Diameter Full Lining	LF	260	\$276	\$71,760.00	\$245	\$63,700.00	\$172.50	\$44,850.00	\$200	\$52,000.00	\$195	\$50,700.00
69	S-110	Non-Structural Grouting for Pipe Joints	GAL	80	\$620	\$49,600.00	\$100	\$8,000.00	\$8.75	\$700.00	\$100	\$8,000.00	\$80	\$6,400.00
70	R-1	Concrete Paving Base (All Classes)	CY	230	\$510	\$117,300.00	\$644	\$148,120.00	\$445	\$102,350.00	\$490	\$112,700.00	\$435	\$100,050.00
71	R-3	Concrete Sidewalk and ADA Handicapped Ramp	SY	100	\$227	\$22,700.00	\$139	\$13,900.00	\$198	\$19,800.00	\$200	\$20,000.00	\$195	\$19,500.00
72	R-4	Concrete Deep Curb and Deep Radius Curb	LF	80	\$96	\$7,680.00	\$109	\$8,720.00	\$83.50	\$6,680.00	\$60	\$4,800.00	\$82	\$6,560.00
73	R-5	Concrete Deck Curb and Deck Radius Curb (All Finishes)	LF	80	\$102	\$8,160.00	\$100	\$8,000.00	\$89	\$7,120.00	\$50	\$4,000.00	\$83	\$6,640.00
74	R-6	12" x 6" Wedge Curb (Hand Placed)	LF	10	\$17	\$170	\$39	\$390	\$15.75	\$157.50	\$2	\$20	\$10.50	\$105.00
75	R-7	Cold Patch Bituminous Pavement Replacement	TON	180	\$130	\$23,400.00	\$205	\$36,900.00	\$120.50	\$21,690.00	\$110	\$19,800.00	\$120	\$21,600.00
76	R-8	Milling - Wearing Course	SY	2400	\$6.80	\$16,320.00	\$23	\$55,200.00	\$6.25	\$15,000.00	\$2	\$4,800.00	\$6.25	\$15,000.00
77	R-9	Milling - Binder Course - Primary Street	SY	1900	\$9.10	\$17,290.00	\$22	\$41,800.00	\$8.40	\$15,960.00	\$4	\$7,600.00	\$6.75	\$12,825.00
78	R-10	Milling - Binder Course - Secondary Street	SY	500	\$10.20	\$5,100.00	\$23	\$11,500.00	\$9.50	\$4,750.00	\$4	\$2,000.00	\$6.75	\$3,375.00
79	R-11	Bituminous Pavement Replacement - Wearing Course	SY	3000	\$10.20	\$30,600.00	\$94	\$282,000.00	\$9.50	\$28,500.00	\$17.50	\$52,500.00	\$10	\$30,000.00
80	R-12	Bituminous Pavement Replacement - Binder Course - Primary Street	SY	2570	\$17	\$43,690.00	\$94	\$241,580.00	\$15.75	\$40,477.50	\$23	\$59,110.00	\$14.50	\$37,265.00
81	R-13	Bituminous Pavement Replacement - Binder Course - Secondary Street	SY	650	\$14.70	\$9,555.00	\$83	\$53,950.00	\$13.50	\$8,775.00	\$22	\$14,300.00	\$14	\$9,100.00
82	R-14	Blockstone Street Repaving	SY	10	\$187	\$1,870.00	\$222	\$2,220.00	\$172.50	\$1,725.00	\$200	\$2,000.00	\$160	\$1,600.00
83	R-15	Brick Street Repaving	SY	100	\$165	\$16,500.00	\$246	\$24,600.00	\$151.75	\$15,175.00	\$55	\$5,500.00	\$140	\$14,000.00
84	R-16	Brick Sidewalk (Re-Laid)	SY	10	\$165	\$1,650.00	\$246	\$2,460.00	\$151.75	\$1,517.50	\$100	\$1,000.00	\$140	\$1,400.00
85	R-17	Salvage and Deliver Blockstone and Brick	SY	50	\$13.60	\$680.00	\$20	\$1,000.00	\$12.50	\$625.00	\$25	\$1,250.00	\$11	\$550
86	R-19	Landscape Restoration	SY	500	\$9.10	\$4,550.00	\$7	\$3,500.00	\$8.25	\$4,125.00	\$3	\$1,500.00	\$8	\$4,000.00
87	R-20	Clearing & Grubbing	SY	250	\$5.70	\$1,425.00	\$9	\$2,250.00	\$5.25	\$1,312.50	\$5	\$1,250.00	\$6	\$1,500.00
88	R-21	Crushed Stone Sub-Base	CY	190	\$68	\$12,920.00	\$100	\$19,000.00	\$63	\$11,970.00	\$55	\$10,450.00	\$63	\$11,970.00
89	R-25	4" Traffic Markings	LF	100	\$10.20	\$1,020.00	\$22	\$2,200.00	\$9.50	\$950.00	\$3	\$300	\$8.50	\$850.00

90	R-28	Replace Manhole Casting with New Casting and/or Raise Casting up to 1-foot in Depth	EA	33	\$2,565.00	\$84,645.00	\$2,778.00	\$91,674.00	\$2,355.00	\$77,715.00	\$900	\$29,700.00	\$2,200.00	\$72,600.00
91	R-31	Raise Manhole to Grade, 48" Diameter, 1-4 ft. Depth	VF	60	\$1,140.00	\$68,400.00	\$3,111.00	\$186,660.00	\$1,047.00	\$62,820.00	\$750	\$45,000.00	\$970	\$58,200.00
92	R-34	Raise Manhole to Grade, 48" Diameter, Greater Than 4 ft. Depth (With OWNER Approval)	VF	20	\$1,420.00	\$28,400.00	\$466	\$9,320.00	\$1,308.00	\$26,160.00	\$500	\$10,000.00	\$1,155.00	\$23,100.00
93	R-37	Backfill Undermined Street	CY	20	\$41	\$820	\$83	\$1,660.00	\$31.50	\$630.00	\$250	\$5,000.00	\$30	\$600
94	R-43	Tree and Stump Removal	EA	1	\$1,820.00	\$1,820.00	\$1,722.00	\$1,722.00	\$1,675.00	\$1,675.00	\$500	\$500	\$1,550.00	\$1,550.00
95	R-44	Tree Remove & Replace	EA	1	\$570	\$570	\$1,166.00	\$1,166.00	\$524	\$524	\$750	\$750	\$525	\$525
96	R-46	Remove and Reset/Replace Fencing	LF	100	\$40	\$4,000.00	\$111	\$11,100.00	\$36.50	\$3,650.00	\$10	\$1,000.00	\$21	\$2,100.00