



PROPOSED CHANGE ORDER REQUEST

Department of Watershed Management

Contract Name: Trenchless Sewer Line Rehabilitation and Construction and Televising Inspection Services City of Savannah Cooperative Agreement Date: 12/16/2020

Contractor: Insituform Technologies, LLC

Contract Number: 1177081 Contract Amendment Number: 3

Contract Amendment Category: Cost Schedule Scope Deliverables

Original Contract \$ Amount:	Contract Start Date:	Original Contract Time:(TERM)	Original Contract End Date:
\$15,681,161.35	10/10/2019	448	12/31/2020

NTP Start Date:	Original Performance Days:(TIME)	Original Performance End Date:
10/10/2019	448	12/31/2020

Previous Change Order:	Previous Time Extensions (Days):	Previous Changes to \$ Amount:
Change Order No. 1:	0	\$437,591.60
Change Order No. 2:	273	\$0.00
Change Order No. 3:	0	\$0.00
Current Contract Amount:	Current Performance Time (Days):	Current Performance End Date:
\$16,118,752.95	721	9/30/2021

Description of Proposed Changes: Amendment/Change Order No. 3 is being proposed in order to provide DWM the ability to complete additional and important infrastructure upgrades for Large Diameter CIPP - sanitary sewer lining work totaling \$14.6M. The large diameter CIPP work is an outcome of the PASARP and OSARP condition assessment work. The CIPP approach completely renews existing sewers with a new pipe constructed inside the old worn out pipe. Construction disruption is lower than traditional excavation approaches. Insituform Technologies has proven to be a "go-to" contractor for large diameter CIPP work across the US. Out of the \$15.6 million contract value, roughly \$12.33 million of work has been completed through November 30, 2020. Below are the remaining project locations that will be completed in 2021: 1) Briarwood - \$873,000, 2) Katie Kerr - \$1,200,000 and 3) Nancy Lane - \$1,188,000.

Justification of Proposed Changes: This change order will be utilized to provide the ability to continue progress to the implementation of the Consent Decree for the large diameter sanitary sewer CIPP and address immediate deficiencies in the water delivery to southern portions of DeKalb County. This scope will be eligible for GEFA or WIFIA funding as well.

Proposed Additional Performance Days:	Proposed Cumulative Performance Days:	Proposed Performance End Date:	Proposed Contract End Date:
0	0	NA	12/31/2021
Proposed Changes to Dollar Amount:	Proposed Cumulative Contract Amount:	Actual Amount Spent to Date 11/30/20:	Amount Spent To Date as of (12/27/2020):
\$14,686,190.20	\$30,804,943.15	\$12,330,000.00	\$4,420,820.22

Note - detailed breakdowns of the CIPP projects (Emory, Cosmos, and Goat Trail) are attached to this Change Order for reference and supporting details (bid items, owners allowance etc.)

Describe Any Risk Associated With This Change: The progress of the renewal of large diameter sewers towards the ongoing Consent Decree would be reduced and would have to be accomplished by other means. Without the Katie Kerr Watermain sliplining project, the affected residents would continue to be potentially impacted by a lower level of water service.

Effect of NOT Approving This Change: Other contracting mechanisms would need to be used, consuming additional time and effort within the DWM and DeKalb organization. This work is necessary and important to the ongoing efforts to improve system reliability and integrity.

Engineering Manager's Approval:

- Accepted
- Rejected

Signature: Cassandra M. Marshall
Print Name: Cassandra Marshall
Date: January 7, 2021

Digitally signed by Cassandra M. Marshall
DN: cn=Cassandra M. Marshall, o, email=cmarshall@owalib.com, c=US
Date: 2021.01.07 13:24:29 -0500

Watershed Director's Approval:

- Accepted
- Rejected

Signature: Reginald Wells
Print Name: Reginald Wells
Date: January 7, 2021

Digitally signed by Reginald Wells
Date: 2021.01.07 14:11:11 -0500

Chief Operating Officer's Approval:

- Accepted
- Rejected

Signature: [Handwritten Signature]
Print Name: Zachary L. Williams
Date: 1/11/21

Contract Name: Trenchless Sewer Line Rehabilitation and Construction and Televising Inspection Services City of Savannah Cooperative Agreement

Contractor: Insituform Technologies, LLC

Contract Number: 1177081

Contract Amendment Number: 3

DeKalb County - Insituform Co-op
Phase 1 - Emory, Cosmos and Goat Trail Areas

Bid Item	Description	Unit of Measure	Bid Quantity	DeKalb Pricing	
				Bid Price	Total
1	Sewer Line – CIP 30-inch x 15mm	LF	2,269	\$ 222.90	\$ 505,760.10
2	Sewer Line – CIP 36-inch x 18mm	LF	7,591	\$ 269.00	\$ 2,041,979.00
3	Sewer Line – CIP 40-inch x 19.5mm	LF	476	\$ 301.20	\$ 143,371.20
4	Sewer Line – CIP 42-inch x 21mm	LF	473	\$ 317.30	\$ 150,082.90
5	Sewer Line – CIP 48-inch x 24mm	LF	3,498	\$ 407.80	\$ 1,426,484.40
6	Service Lateral Reconnection	EA	12	\$ 115.60	\$ 1,387.20
7	Mobilization - CIPP Crew	EA	12	\$ 6,485.00	\$ 77,820.00
8	TV Inspection > 12-inch pipe	LF	14,307	\$ 2.60	\$ 37,198.20
9	Cleaning 30-inch lines	LF	2,269	\$ 4.20	\$ 9,529.80
10	Cleaning 36-inch lines	LF	7,591	\$ 5.30	\$ 40,232.30
11	Cleaning 40-inch lines	LF	476	\$ 6.00	\$ 2,856.00
12	Cleaning 42-inch lines	LF	473	\$ 6.30	\$ 2,979.90
13	Cleaning 48-inch lines	LF	3,498	\$ 6.90	\$ 24,136.20
14	Mobilization - Clean and TV Crew	EA	7	\$ 1,060.00	\$ 7,420.00
15	CIPP - Additional 30-inch 1.5mm	LF	2,278	\$ 9.25	\$ 21,071.50
16	CIPP - Additional 36-inch 1.5mm	LF	0	\$ 10.50	\$ -
17	CIPP - Additional 40-inch 1.5mm	LF	476	\$ 11.25	\$ 5,355.00
18	CIPP - Additional 42-inch 1.5mm	LF	946	\$ 11.75	\$ 11,115.50
19	CIPP - Additional 48-inch 1.5mm	LF	5,066	\$ 13.25	\$ 67,124.50
20	Sewer debris removal, hauling, and disposal	Ton	190	\$ 705.00	\$ 133,950.00
21	Mobilization - Excavation/Access Contractor	EA	7	\$ 5,000.00	\$ 35,000.00
22	Clearing	LF	13,757	\$ 32.00	\$ 440,224.00
23	Manhole Disassemble & Reassemble	VF	303	\$ 770.00	\$ 233,310.00
24	Manhole - Cone/Top Removal and Replacement	EA	14	\$ 2,700.00	\$ 37,800.00
25	Creek crossing	LF	410	\$ 500.00	\$ 205,000.00
26	Existing Fence Removal and Replacement (Wood or Chain-Link)	LF	395	\$ 90.00	\$ 35,550.00
27	Sod Restoration	SY	17,399	\$ 16.50	\$ 287,083.50
28	Grading of Existing Soil	SY	17,847	\$ 15.00	\$ 267,705.00
29	Rock Road/Construction Entrance (Left in Place)	LF	12,506	\$ 37.00	\$ 462,722.00
30	Asphalt Pavement Repair	SY	80	\$ 125.00	\$ 10,000.00
31	Concrete Pavement Repair	SY	75	\$ 150.00	\$ 11,250.00
32	Street trenching	LF	40	\$ 150.00	\$ 6,000.00
33	Silt Fencing (per single run)	LF	20,678	\$ 6.50	\$ 134,407.00
34	Hay Bales	EA	5,787	\$ 55.00	\$ 318,285.00
35	Placement of Crushed Stone/Soil	CY	2,000	\$ 95.00	\$ 190,000.00
36	Dog House Manhole Installation	VF	60	\$ 1,000.00	\$ 60,000.00
37	Removal/Replacement of Existing Guardrail	LF	0	\$ 75.00	\$ -
38	Bypass - Emory	LS	1		\$ 1,728,000.00
	Setup for 3" - 6" Pump (setup and demob)	EA	4	\$ 49,000.00	\$ 196,000.00
	3" to 6" Pump	HR	768	\$ -	\$ -
	Setup for 6" - 12" Pump (setup and demob)	EA	4	\$ 49,000.00	\$ 196,000.00
	6" to 12" Pump	HR	4,320	\$ 125.41	\$ 541,750.00
	Discharge Line (3-6) included w/pumps	LF	1,150	\$ -	\$ -
	Discharge Line (6-12) included w/pumps	LF	12,000	\$ -	\$ -
	Pump Watch Main	Days	45	\$ 13,750.00	\$ 618,750.00
	Pump Watch Laterals	Days	8	\$ 3,250.00	\$ 26,000.00
	Demobilization	LS	1	\$ 149,500.00	\$ 149,500.00
39	Bypass - Cosmos	LS	1		\$ 1,010,000.00
	Setup for 3" - 6" Pump (setup and demob)	EA	7	\$ 28,800.00	\$ 201,600.00
	3" to 6" Pump	HR	2,016	\$ -	\$ -
	Setup for 6" - 12" Pump (setup and demob)	EA	3	\$ 28,800.00	\$ 86,400.00
	6" to 12" Pump	HR	1,800	\$ 165.97	\$ 298,750.00
	Discharge Line (3-6) included w/pumps	LF	2,200	\$ -	\$ -
	Discharge Line (6-12) included w/pumps	LF	4,000	\$ -	\$ -

	Pump Watch Main	Days	25	\$ 11,450.00	\$ 286,250.00
	Pump Watch Laterals	Days	12	\$ 3,250.00	\$ 39,000.00
	Demobilization	LS	1	\$ 98,000.00	\$ 98,000.00
	Bypass - Goat Trails	LS	1		\$ 2,835,000.00
40	Matting - Emory	WK	18	\$ 30,750.00	\$ 553,500.00
	Matting - Goat Trail	WK	12	\$ 2,750.00	\$ 33,000.00
41	Traffic Control (permits, devices, flagmen, etc.)	AL	1	\$ 55,000.00	\$ 55,000.00
42	Testing	AL	1	\$ 27,500.00	\$ 27,500.00
43	Owner Controlled Allowance	AL	1	\$ 1,000,000.00	\$ 1,000,000.00
					\$ 14,686,190.20

LARGE DIAMETER PRICING

**DeKalb
Additional Scope**

Bid Item per Docs	Description	Measure	Per Bid	Quantity	Bid Price	Total	Errors		Goat Total		Before		Flat Shoals		Methods		Cosmos						
							QTY	Total	QTY	Total	QTY	Total	QTY	Total	QTY	Total	QTY	Total	QTY	Total			
1	Sever Line - CIP 30 inch x 15'	LF	2.667	1	\$ 222.90	\$ 1,263,174.30	323	\$ 71,996.70	1,946	\$ 433,763.40	2,057	\$ 458,592.30	1,341	\$ 298,908.90	-	\$ -	-	\$ -	-	\$ -			
2	Sever Line - CIP 36 inch x 18'	LF	11,734	1	\$ 269.00	\$ 3,156,446.00	-	\$ -	4,941	\$ 1,329,129.00	317	\$ 85,273.00	866	\$ 233,954.00	2,960	\$ 796,240.00	2,650	\$ 712,550.00	-	\$ -			
3	Sever Line - CIP 40 inch x 19.5'	LF	476	1	\$ 301.30	\$ 143,371.30	473	\$ 143,371.20	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -			
4	Sever Line - CIP 42 inch x 21'	LF	2,987	1	\$ 317.30	\$ 947,775.10	473	\$ 150,082.90	-	\$ -	-	\$ -	-	\$ -	-	\$ -	2,514	\$ 797,692.20	-	\$ -			
5	Sever Line - CIP 48 inch x 24'	LF	4,962	1	\$ 407.60	\$ 2,023,503.60	3,498	\$ 1,436,484.40	-	\$ -	1,464	\$ 597,019.20	-	\$ -	-	\$ -	-	\$ -	-	\$ -			
6	Service Lateral Reconnection	EA	16	1	\$ 115.60	\$ 1,849.60	10	\$ 1,156.00	2	\$ 231.20	-	\$ -	4	\$ 462.40	-	\$ -	-	\$ -	-	\$ -			
7	Mobilization - CIP Crew	EA	15	1	\$ 6,485.00	\$ 97,275.00	4	\$ 25,940.00	4	\$ 25,940.00	2	\$ 12,970.00	1	\$ 6,485.00	3	\$ 19,455.00	1	\$ 6,485.00	-	\$ -			
8	TV Inspection > 12 inch pipe	LF	25,826	1	\$ 2.69	\$ 67,147.60	4,770	\$ 12,402.00	6,887	\$ 17,906.20	3,838	\$ 9,978.80	2,207	\$ 5,738.20	5,474	\$ 14,232.40	2,650	\$ 6,890.00	-	\$ -			
9	Cleaning 30 inch lines	LF	5,667	1	\$ 4.20	\$ 23,801.40	322	\$ 1,356.60	1,946	\$ 8,173.20	2,057	\$ 8,639.40	1,341	\$ 5,632.20	-	\$ -	-	\$ -	-	\$ -			
10	Cleaning 36 inch lines	LF	11,734	1	\$ 5.50	\$ 62,190.20	476	\$ 2,856.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -			
11	Cleaning 40 inch lines	LF	476	1	\$ 6.00	\$ 2,856.00	473	\$ 2,979.90	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -			
12	Cleaning 42 inch lines	LF	2,987	1	\$ 6.50	\$ 18,818.10	3,498	\$ 24,136.20	-	\$ -	1,464	\$ 10,101.60	-	\$ -	-	\$ -	-	\$ -	-	\$ -			
13	Cleaning 48 inch lines	LF	4,962	1	\$ 6.90	\$ 34,171.80	2	\$ 2,120.00	2	\$ 2,120.00	2	\$ 2,120.00	1	\$ 1,060.00	2	\$ 2,120.00	1	\$ 1,060.00	-	\$ -			
14	Mobilization - Clean and TV Crew	EA	10	1	\$ 1,060.00	\$ 10,600.00	332	\$ 3,071.00	1,946	\$ 18,000.50	2,057	\$ 19,037.25	1,491	\$ 13,791.75	-	\$ -	-	\$ -	-	\$ -			
15	CIPP - Additional 30' 1.5mm	LF	5,826	1	\$ 9.25	\$ 53,890.50	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -			
16	CIPP - Additional 36' 1.5mm	LF	15	1	\$ 10.50	\$ 157.50	476	\$ 5,355.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -			
17	CIPP - Additional 42' 1.5mm	LF	4,223	1	\$ 11.25	\$ 49,620.25	946	\$ 11,115.50	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -			
18	CIPP - Additional 48' 1.5mm	LF	6,910	1	\$ 13.25	\$ 91,557.50	5,066	\$ 67,124.50	-	\$ -	1,844	\$ 24,433.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -			
19	CIPP - Additional 45' 1.5mm	Ton	430	1	\$ 5,000.00	\$ 50,000.00	85	\$ 59,925.00	65	\$ 45,825.00	70	\$ 49,350.00	40	\$ 25,200.00	130	\$ 91,650.00	40	\$ 25,200.00	-	\$ -			
20	Mobilization - Excavation Access Contractor	EA	10	1	\$ 5,000.00	\$ 50,000.00	2	\$ 10,000.00	2	\$ 10,000.00	2	\$ 10,000.00	1	\$ 5,000.00	2	\$ 10,000.00	1	\$ 5,000.00	-	\$ -			
21	Sever debris removal, haul, disposal	EA	10	1	\$ 5,000.00	\$ 50,000.00	5,662	\$ 181,184.00	3,450	\$ 110,400.00	3,596	\$ 115,072.00	2,865	\$ 91,776.00	11,609	\$ 371,488.00	4,645	\$ 148,640.00	-	\$ -			
22	Cleaning	VF	423	1	\$ 0.00	\$ 325,710.00	150	\$ 115,500.00	71	\$ 54,670.00	10	\$ 7,700.00	30	\$ 23,100.00	80	\$ 61,600.00	82	\$ 63,340.00	-	\$ -			
23	M/H - Disassemble & reassemble	EA	62	1	\$ 2,700.00	\$ 167,400.00	3	\$ 8,100.00	10	\$ 27,000.00	19	\$ 51,300.00	21	\$ 56,700.00	8	\$ 21,600.00	1	\$ 2,700.00	-	\$ -			
24	M/H - Coax Top Removal	EA	830	1	\$ 500.00	\$ 415,000.00	60	\$ 40,000.00	270	\$ 135,000.00	180	\$ 90,000.00	150	\$ 75,000.00	90	\$ 45,000.00	60	\$ 30,000.00	-	\$ -			
25	Creek crossing	LF	1,105	1	\$ 90.00	\$ 99,450.00	150	\$ 13,500.00	125	\$ 11,250.00	130	\$ 11,700.00	130	\$ 11,700.00	450	\$ 40,500.00	120	\$ 10,800.00	-	\$ -			
26	Fence Removal/Replacement	SY	49,168	1	\$ 16.50	\$ 811,272.00	8,810	\$ 145,368.00	4,534	\$ 74,811.00	13,986	\$ 230,769.00	6,783	\$ 111,919.50	9,000	\$ 148,500.00	4,955	\$ 66,907.50	-	\$ -			
27	Sod Restoration	SY	53,003	1	\$ 15.00	\$ 795,051.67	9,836	\$ 147,546.67	950	\$ 14,250.00	14,456	\$ 216,840.00	3,000	\$ 45,000.00	17,700	\$ 265,500.00	7,061	\$ 105,915.00	-	\$ -			
28	Grade soil	LF	40,786	1	\$ 37.00	\$ 1,509,082.00	-	\$ -	7,549	\$ 279,313.00	6,713	\$ 248,351.00	6,758	\$ 251,046.00	12,809	\$ 473,933.00	4,957	\$ 183,409.00	-	\$ -			
29	Temp Road (field in place) Construction Entrance (Rock)	SY	191	1	\$ 125.00	\$ 23,875.00	55	\$ 7,250.00	-	\$ -	-	\$ -	-	\$ -	111	\$ 13,875.00	-	\$ -	-	\$ -			
30	Asphalt Pavement Repair	SY	129	1	\$ 150.00	\$ 19,350.00	75	\$ 11,250.00	-	\$ -	40	\$ 6,000.00	-	\$ -	-	\$ -	14	\$ 2,100.00	-	\$ -			
31	Concrete Pavement Repair	LF	130	1	\$ 150.00	\$ 19,500.00	-	\$ -	40	\$ 6,000.00	-	\$ -	-	\$ -	-	\$ -	80	\$ 12,000.00	-	\$ -			
32	Street trenching	LF	50,069	1	\$ 6.50	\$ 325,448.50	6,121	\$ 39,786.50	9,600	\$ 62,400.00	8,074	\$ 52,481.00	8,758	\$ 56,927.00	12,559	\$ 81,633.50	4,957	\$ 32,220.50	-	\$ -			
33	Silt Fencing (per single run)	EA	13,136	1	\$ 45.00	\$ 591,168.00	1,422	\$ 63,710.00	3,023	\$ 166,375.00	2,019	\$ 111,045.00	2,190	\$ 120,450.00	3,140	\$ 172,700.00	1,240	\$ 65,200.00	-	\$ -			
34	Hay Bales	CY	8,803	1	\$ 95.00	\$ 836,285.00	2,000	\$ 190,000.00	-	\$ -	5,203	\$ 503,785.00	1,000	\$ 95,000.00	500	\$ 47,500.00	-	\$ -	-	\$ -			
35	Crushed Stone Soil In-Place	VF	150	1	\$ 1,000.00	\$ 150,000.00	14	\$ 14,000.00	45	\$ 45,000.00	30	\$ 30,000.00	-	\$ -	-	\$ -	60	\$ 60,000.00	-	\$ -			
36	Dog House M/Hs	LF	40	1	\$ 75.00	\$ 3,000.00	1	\$ 75.00	0	\$ 0.00	0	\$ 0.00	40	\$ 3,000.00	0	\$ 0.00	0	\$ 0.00	-	\$ -			
37	Remove Guardrail	LS	1	1	\$ 1,728,000.00	\$ 1,728,000.00	1	\$ 1,728,000.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	-	\$ -			
38	Bypass - Emory	LS	1	1	\$ 2,835,000.00	\$ 2,835,000.00	1	\$ 2,835,000.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	-	\$ -			
39	Bypass - Goat Trail	LS	1	1	\$ 1,290,000.00	\$ 1,290,000.00	1	\$ 1,290,000.00	0	\$ 0.00	1	\$ 1,290,000.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	-	\$ -			
40	Bypass - Buford	LS	1	1	\$ 1,185,000.00	\$ 1,185,000.00	1	\$ 1,185,000.00	0	\$ 0.00	1	\$ 1,185,000.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	-	\$ -			
41	Bypass - Flat Shoals	LS	1	1	\$ 2,440,000.00	\$ 2,440,000.00	1	\$ 2,440,000.00	0	\$ 0.00	1	\$ 2,440,000.00	0	\$ 0.00	0	\$ 0.00	1	\$ 2,440,000.00	-	\$ -			
42	Bypass - Methods	LS	1	1	\$ 1,010,000.00	\$ 1,010,000.00	1	\$ 1,010,000.00	0	\$ 0.00	1	\$ 1,010,000.00	0	\$ 0.00	0	\$ 0.00	1	\$ 1,010,000.00	-	\$ -			
43	Bypass - Cosmos	WK	18	1	\$ 30,750.00	\$ 553,500.00	18	\$ 553,500.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	-	\$ -			
44	Manning - Emory	WK	12	1	\$ 2,750,000.00	\$ 33,000.00	1	\$ 2,750,000.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	-	\$ -			
45	Manning - Goat Trail	WK	3	1	\$ 4,500.00	\$ 13,500.00	3	\$ 13,500.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	-	\$ -			
46	Manning - Flat Shoals	WK	9	1	\$ 6,000.00	\$ 54,000.00	9	\$ 54,000.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	9	\$ 54,000.00	-	\$ -			
47	Manning - Methods	AL	1	1	\$ 100,000.00	\$ 100,000.00	0.2	\$ 20,000.00	0.2	\$ 20,000.00	0.15	\$ 15,000.00	0.1	\$ 10,000.00	0.1	\$ 10,000.00	0.15	\$ 15,000.00	-	\$ -			
48	Traffic control permit, devices, flagmen	AL	1	1	\$ 50,000.00	\$ 50,000.00	0.2	\$ 10,000.00	0.2	\$ 10,000.00	0.15	\$ 7,500.00	0.1	\$ 5,000.00	0.2	\$ 10,000.00	0.15	\$ 7,500.00	-	\$ -			
49	Testing	AL	1	1	\$ -	\$ -	1	\$ -	1	\$ -	1	\$ -	1	\$ -	1	\$ -	1	\$ -	-	\$ -			
50	Owner Controlled Allowance (Owner to fill in amount)	AL	1	1	\$ -	\$ -	5	\$ 5,331,165.07	1	\$ 5,331,165.07	5	\$ 5,331,165.07	1	\$ 5,331,165.07	5	\$ 5,331,165.07	1	\$ 5,331,165.07	-	\$ -			
							\$ 26,938,740.81				\$ 1,276,670.65				\$ 5,877,815.75				\$ 6,129,632.65				\$ 2,421,712.00

CURRENT INVOICE WITH SPENDS OF \$8.6 MILLION THROUGH 9/30/20

Owner: DEKALB COUNTY GEORGIA Lender: N/A Application No.: 7
 Contractor: INSTUFORM TECHNOLOGIES Project Name: INSTUFORM/SAVANNAH CIP PROGRAM Period To: 9/30/2020
 1410 GOULD BLVD., LAVERGNE, TN 37086 Project No.: CONTRACT No. 11770601 PO #1187095

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment as shown below in connection with the Contract. Contractor certifies that the information on this Application is true and correct.

1. ORIGINAL CONTRACT SUM	15,681,161.35
2. NET CHANGE BY CHANGE ORDERS	437,591.60
3. CONTRACT SUM TO DATE (line 1 + 2)	16,118,752.95
4. TOTAL COMPLETED & STORED TO DATE (column 1 on continuation sheet)	8,595,896.27
5. LESS RETAINAGE (column J on continuation sheet)	805,937.65
6. TOTAL EARNED LESS RETAINAGE (line 4 less line 5)	7,789,958.62
7. LESS PREVIOUS PAYMENTS	3,978,738.20

(line 6 from prior application)

8. CURRENT PAYMENT DUE 3,811,220.42

9. AMOUNT OF MATR. PAID BY OWNER 0.00

10. AMT. LESS MATR. PAID BY OWNER 3,811,220.42

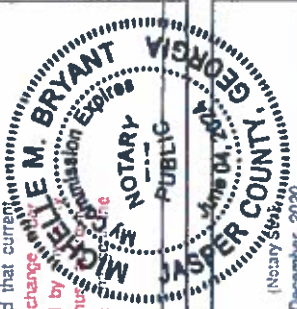
9. BALANCE TO FINISH INCLUDING RETAINAGE 8,328,794.33
 (line 3 less line 6)

10. PERCENT COMPLETED % 53%
 (line 4 divided by line 3)

CHANGE ORDER SUMMARY		(A) Additions	(B) Deductions
Previous Approved Total:		\$	
Changes: Additional Project Fund:			
(= Col D of Continuation Sheet) Totals	\$0.00	\$0.00	\$0.00
NET CHANGES (columns a + b)		\$0.00	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief, the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due. With the exception of the items noted in the change summary there have been no other changes in the work or change orders agreed by the Contractor. I understand that the Lender, in financing this project on behalf of the Owner, must change orders or changes in scope, regardless of whether such change involves a contract sum.

CONTRACTOR: INSTUFORM TECHNOLOGIES
 By: *[Signature]*
 State of: Georgia
 County of: Jasper
 Subscribed and sworn to before me this 16th day of July, 2020
 Notary Public: *[Signature]* My Commission expires: 06/04/24



ENGINEER'S CERTIFICATE FOR PAYMENT
 In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.
 AMOUNT CERTIFIED \$ 3,811,220.42
 (Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)
 ENGINEER: _____ Date: 12/16/20
 By: *[Signature]*

If the Owner has retained the services of the Architect of Record to perform contract administration oversight, then the Architect of Record needs to certify this Application for Payment.

OWNER'S ACKNOWLEDGEMENT:
 To the best of the Owner's knowledge, the information contained herein is accurate and the Owner is satisfied with the progress and quality of the work performed to date.

OWNER: _____ Date: _____
 By: _____

CONTINUATION SHEET

AIA DOCUMENT G703

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing

Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: 7

APPLICATION DATE: 10/21/2020

PERIOD TO: 9/30/2020

ARCHITECT'S PROJECT NO: CONTRACT No. 1177081 SUMMARY SHEET

PO # 1187095

A ITEM NO.	B DESCRIPTION OF WORK	C-1 UNITS	C-2 BID QTY	C-3 UNIT PRICE	C-4 SCHEDULED VALUE	C-5 QTY PREVIOUS APPLICATION	D FROM PREVIOUS APPLICATION		E THIS PERIOD D.O.B.	F MATERIALS PRESENTLY STORED (NOT IN D.O.B.)	G TOTAL COMPLETED AND STORED TO DATE (D,E,F)	H % (G ÷ C)	I BALANCE TO FINISH (C - G)	J RETAINAGE (IF VARIABLE RATE)
							QTY THIS APPLICATION	AMOUNT						
1	Sewer Line - CIP 8 x 6.0mm	LF	103120	\$ 31.70	\$ 3,288,904.00	65382.1	2,072,612.57	11710.1	371,210.17	\$ 2,443,822.74	75%	825,081.26	244,382.27	
2	Sewer Line - CIP 10 inch x 7.5mm	LF	3133	\$ 39.70	\$ 124,380.10	330	13,101.00	252	10,004.40	\$ 23,105.40	19%	101,274.70	2,310.54	
3	Sewer Line - CIP 12 inch x 9mm	LF	884	\$ 58.90	\$ 52,067.60		0.00		0.00	\$ 52,067.60	0%	52,067.60	0.00	
4	Sewer Line - CIP 18 inch x 13mm	LF	255	\$ 112.20	\$ 28,611.00		0.00		0.00	\$ 28,611.00	0%	28,611.00	0.00	
5	Sewer Line - CIP 24 inch x 15mm	LF	2427	\$ 147.50	\$ 357,982.50		0.00		0.00	\$ 357,982.50	0%	357,982.50	0.00	
6	Sewer Line - CIP 36 inch x 18mm	LF	2675	\$ 265.30	\$ 709,677.50		0.00		0.00	\$ 709,677.50	0%	709,677.50	0.00	
7	Sewer Line - CIP 42 inch x 21mm	LF	1403	\$ 313.60	\$ 439,960.80		0.00	1430	448,448.00	\$ 448,448.00	100%	0.00	0.00	
8	Sewer Line - CIP 48 inch x 24mm	LF	3799	\$ 404.10	\$ 1,535,175.90		0.00	1171	473,201.10	\$ 473,201.10	31%	1,061,974.80	26,251.14	
9	Sewer Line - CIP 54 inch x 26mm	LF	572	\$ 456.70	\$ 261,232.40		0.00		0.00	\$ 261,232.40	0%	261,232.40	0.00	
10	Service Lateral Reinstatement	EA	2164	\$ 115.60	\$ 250,158.40	1368	158,140.80	216	21,999.60	\$ 183,110.40	71%	67,048.00	18,311.04	
11	Mobilization - CIP crews	EA	35	\$ 6,485.00	\$ 226,975.00	29	188,065.00	1	6,485.00	\$ 194,550.00	86%	32,425.00	19,455.00	
12	TV Inspection < 12 inch pipe	LF	106253	\$ 2.10	\$ 223,131.30	109877.6	230,742.96		0.00	\$ 230,742.96	103%	0.00	23,074.30	
13	TV Inspection > 12 inch pipe	LF	12015	\$ 2.60	\$ 31,239.00		0.00	2601	6,762.60	\$ 6,762.60	22%	24,476.40	676.26	
14	Protruding Tap Removal 8 - 12	EA	100	\$ 79.30	\$ 7,930.00	33	2,616.90		0.00	\$ 2,616.90	33%	5,313.10	261.69	
15	Protruding Tap Removal 15 - 24	EA	20	\$ 79.30	\$ 1,586.00		0.00		0.00	\$ 1,586.00	0%	0.00	0.00	
16	Cleaning 8 inch lines	LF	103120	\$ 2.10	\$ 216,552.00	95341.6	200,217.36		0.00	\$ 200,217.36	92%	16,334.64	20,021.74	
17	Cleaning 10 inch lines	LF	3133	\$ 2.40	\$ 7,519.20	1969	4,725.60		0.00	\$ 4,725.60	63%	2,793.60	472.56	
18	Cleaning 12 inch lines	LF	884	\$ 2.60	\$ 2,298.40	510	1,326.00		0.00	\$ 1,326.00	58%	972.40	132.60	
19	Cleaning 18 inch lines	LF	255	\$ 3.20	\$ 816.00		0.00		0.00	\$ 816.00	0%	0.00	0.00	
20	Cleaning 24 inch lines	LF	2427	\$ 3.70	\$ 8,979.90		0.00		0.00	\$ 8,979.90	0%	0.00	0.00	
21	Cleaning 36 inch lines	LF	2675	\$ 5.30	\$ 14,177.50		0.00		0.00	\$ 14,177.50	0%	0.00	0.00	
22	Cleaning 42 inch lines	LF	1403	\$ 6.30	\$ 8,838.90		0.00	1430	9,009.00	\$ 9,009.00	102%	(170.10)	900.90	
23	Cleaning 48 inch lines	LF	3799	\$ 6.90	\$ 26,213.10		0.00	1171	8,079.90	\$ 8,079.90	31%	18,133.20	807.99	
24	Cleaning 54 inch lines	LF	572	\$ 7.40	\$ 4,232.80		0.00		0.00	\$ 4,232.80	0%	0.00	0.00	
25	Mobilization - Clean and TV Crew	EA	20	\$ 1,060.00	\$ 21,200.00	16	16,960.00	1	1,060.00	\$ 18,020.00	85%	3,180.00	1,802.00	
26	Heavy Roof Cleaning 8 inch	LF	30000	\$ 3.20	\$ 96,000.00	11450	36,640.00		0.00	\$ 36,640.00	38%	59,360.00	3,664.00	
27	Heavy Roof Cleaning 10 inch	LF	1800	\$ 3.70	\$ 3,700.00	659	2,438.30		0.00	\$ 2,438.30	66%	1,261.70	243.83	
28	Heavy Roof Cleaning 12 inch	LF	884	\$ 4.20	\$ 3,712.80		0.00		0.00	\$ 3,712.80	0%	0.00	0.00	
29	Heavy Roof Cleaning 16 inch	LF	255	\$ 4.80	\$ 1,224.00		0.00		0.00	\$ 1,224.00	0%	0.00	0.00	

Asset ID	Street	Measure d Length	Orig Dia	Mat'l	Measured Laterals	Rehab Install Date
15-077-s018_15-077-s017	Whitehall Forest Ct	296.0	8	CP	0	6/25/2020
15-091-s107_15-091-s104	3146 Springside Crossing	21.0	8	PVC	0	4/27/2020
15-124-s071_15-124-s016	Rainbow Drive	294.0	8	CP	3	4/29/2020
15-137-s037_15-137-s038	2340 Candler Road	350.0	8	CIP	6	6/8/2020
15-151-s068_15-151-s301		352.0	8	CP	10	1/8/2020
15-151-s082_15-151-s017		331.0	8	CP	6	1/15/2020
15-152-s101_15-151-s007		334.0	8	CP	8	1/20/2020
15-157-s041_15-157-s040	Wedgfield Circle	401.0	8	CP	7	5/11/2020
15-165-s205_15-165-s204	Glenwood Parkway	79.0	8	CP	1	6/15/2020
15-167-s201_15-186-s038	1800 Parkhill Drive	284.0	8	CIP	7	1/13/2020
15-169-s004_15-169-s003	2721 Glenvalley Drive	113.0	8	CP	0	6/18/2020
15-169-s007_15-169-s005	2685 Glenvalley Drive	396.0	8	CP	9	5/5/2020
15-170-s071_15-170-s031	2603 Northview Avenue	307.0	8	CP	13	4/28/2020
15-186-s013_15-186-s012	Columbia Circle	198.0	8	CP	6	5/12/2020
15-186-s025_15-186-s024	North Columbia Place	329.0	8	CP	5	
15-186-s207_15-186-s208	Bobolink Drive	422.0	8	CP	10	4/1/2020
15-186-s800_15-187-s099	Misty Valley Road	252.0	8	CP	9	5/20/2020
15-188-s004_15-188-s003	Sherrydale Lane	407.0	8	CP	12	4/22/2020
15-198-s047_15-187-s219	Pinehill Drive	319.0	8	CP	4	2/24/2020
15-199-s083_15-199-s084	Sandy Lane	356.0	8	CP	5	6/11/2020
15-199-s086_15-199-s087	Alverado Way	377.0	8	CP	10	2/8/2020
15-204-s006_15-204-s005	5th Avenue	447.7	8		11	8/17/2020
15-204-s402_15-204-s014	Fayetteville Road	181.0	8	CP	3	5/19/2020
15-213-s046_15-213-s050	3rd Avenue	104.0	8	CP	1	3/18/2020
15-213-s069_15-213-s067	Fayetteville Road	352.9	8		7	8/24/2020
15-219-s053_15-219-s052	Richard Road	317.0	8	CP	8	1/29/2020
15-220-s069_15-220-s070	Longshore Drive	431.0	8	CP	14	2/22/2020
15-226-s201_15-226-s202	4335 E Durham Cir	77.0	8	CIP	1	5/12/2020
15-228-s023_15-228-s022	S Indian Creek Dr	167.0	8	CP	1	5/14/2020
15-230-s015_15-230-s014	Kensington Road	169.1	8		0	8/19/2020
15-230-s018_15-230-s016	Kensington Road	205.4	8		0	8/19/2020
15-248-s002_15-248-s004	2716 E PONCE DE LEON AVE	266.0	8	CP	0	6/17/2020
15-248-s008_15-248-s201	2788 E PONCE DE LEON AVE	76.0	8	DIP	1	6/17/2020
15-248-s403_15-248-s402	South Avondale Road	205.0	8	CP	3	5/15/2020
15-249-s401_15-249-s022	South Avondale Road	516.0	8	CP	5	6/30/2020
18-062-s081_18-062-s024	2605 WOOD RIDGE DR	215.0	8	CP	6	3/18/2020
18-109-s006_18-109-s005	Citadel Drive	301.2	8		6	8/18/2020
18-147-s014_18-147-s013	2835 RIDERWOOD DR	94.0	8	CP	1	5/14/2020
18-147-s041_18-147-s040	PANGBORN RD	101.0	8	CIP	0	6/22/2020
18-147-s074_18-147-s073	1520 KAHANNA DR	259.8	8	DIP	3	7/28/2020
18-162-s205_18-192-s081	Breckenridge Drive	274.0	8	CP	3	7/22/2020
18-193-s063_18-193-s062	Mercedes Court	182.0	8	CP	2	5/13/2020
18-193-s080_18-193-s079	Starfire Dr	242.0	8	CP	2	5/6/2020
18-193-s081_18-193-s080	2112 Starfire Dr NE	308.0	8	CP	3	5/6/2020
		11710.1			214	

15-092-s081_15-092-s083	Boring Road	252.0	10	CP	2	6/26/2020
		252.0			2	

18-195-s003_18-195-s201	2000 Century Parkway Northeast	196.0	42	RCP	0	9/15/2020
18-195-s112_18-195-s003	2000 Century Parkway Northeast	155.0	42	RCP	0	9/15/2020
18-196-s021_18-196-s020	2901 Clairmont Rd NE	252.0	42	RCP	0	9/28/2020
18-204-s055_18-195-s112	2601 Century Parkway Northeast	690.0	42	RCP	0	9/12/2020
18-204-s056_18-204-s055	2601 Century Parkway Northeast	137.0	42	RCP	0	9/10/2020
		1430.0			0	

18-196-s023_18-196-s223	2901 Clairmont Rd NE	262.0	48	DIP	0	9/24/2020
18-196-s058_18-196-s023	2901 Clairmont Rd NE	249.0	48	DIP	0	9/20/2020
18-196-s201_18-196-s058	2901 Clairmont Rd NE	322.0	48	DIP	0	9/18/2020
18-196-s022_18-196-s021	2901 Clairmont Rd NE	184.0	48	DIP	0	9/26/2020
18-196-s223_18-196-s022	2901 Clairmont Rd NE	154.0	48	DIP	0	9/24/2020
		1171.0			0	

PRE CCTV

Date	Start MH	Finish MH	Address	Material	Pipe Size	Pre Cleaning	Surveyed Length
8/4/2020	18-196-s021	18-196-s020	Sams Club	RCP	42	T	252.0
8/4/2020	18-196-s023	18-196-s223	Sams Club	DIP	48	T	261.0
8/4/2020	18-196-223	18-196-022	Sams Club	DIP	48	T	155.0
8/4/2020	18-196-s022	18-196-s021	Sams Club	DIP	48	T	184.0
8/4/2020	18-204-s056	18-204-s055	Century Parkway NE	RCP	42	T	137.0
8/5/2020	18-204-s055	18-195-s112	Century Parkway NE	RCP	42	T	690.0
8/5/2020	18-195-s112	18-195-s003	Northeast Exp	RCP	42	T	196.0
8/5/2020	18-195-s003	18-195-s201	Northeast Exp	RCP	42	T	155.0
8/5/2020	18-195-s201	18-196-s058	Northeast Exp	DIP	48	T	322.0
8/5/2020	18-196-s058	18-196-s023	Northeast Exp	DIP	48	T	246.0