



Date March 04, 2024

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR CLOSES CREEK STORM SEWER IMPROVEMENTS PHASE 2A AND 2B, RW EXCAVATING SOLUTIONS, LC

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the Closes Creek Storm Sewer Improvements Phase 2A and 2B, Activity ID 082021003, in accordance with the contract approved between RW Excavating Solutions, LC, Dan E. Wilson, Managing Member, 13293 S. 88th Avenue W, Prairie City, IA, 50228, under Roll Call No. 21-0741, of May 10, 2021, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted.

BE IT FURTHER RESOLVED: That \$6,019,536.92 is the total cost, of which \$5,838,950.81 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$180,586.11 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.

BE IT FURTHER RESOLVED: That the Director of Finance be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt. Second by _____

FORM APPROVED:

FUNDS AVAILABLE:

s/Kathleen Vanderpool

Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

Funding Source: 2023-24 CIP, Page 102, Closes Creek Watershed Improvements, SM068, Being: \$5,844,056.32 of Stormwater Utility Bonds Issued and the remaining \$175,480.60 from Des Moines Water Works



COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
BOESEN				
COLEMAN				
GATTO				
MANDELBAUM				
VOSS				
WESTERGAARD				
TOTAL				

MOTION CARRIED

APPROVED

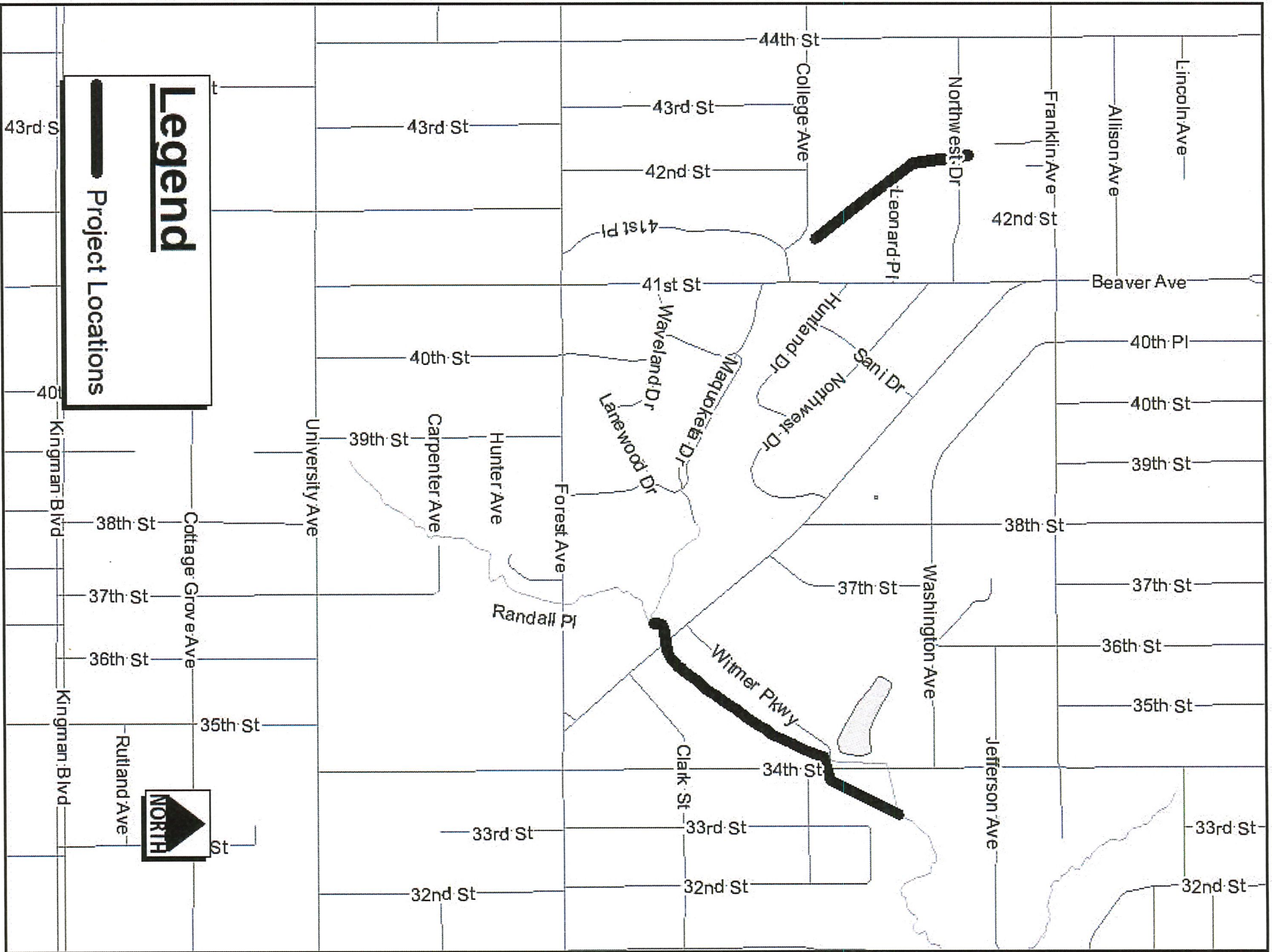
Mayor

CERTIFICATE

I, Laura Baumgartner, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk





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PROJECT SUMMARY

Closes Creek Storm Sewer Improvements Phase 2A and 2B

Activity ID 082021003

On May 10, 2021, under Roll Call No. 21-0741, the Council awarded the contract for the above improvements to RW Excavating Solutions, LC, in the amount of \$5,997,160.44. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	9/29/2021 Temporary seeding for erosion control. Additional clearing and grubbing required. Provide 60-inch SW-303 manhole to accommodate existing sewer configuration.	\$49,140.46
2	Engineering	2/11/2022 Addition of turf reinforcement matting, wooden fence gates, ductile iron sanitary sewer, sanitary manhole drop connection, and additional clearing and grubbing.	\$45,978.00
3	Engineering	8/4/2022 Change rehabilitation of Beaver Avenue culvert from cementitious liner to 60" slip lining. Adjust quantities from plan quantity to as-built quantity.	\$48,404.50
4	Engineering	10/18/2022 Installation of additional erosion control measures in the detention basin between College Avenue and Northwest Drive. Additional traffic control for Beaver Avenue closure.	\$46,383.64
5	Engineering	1/10/2024 Adjust plan quantities to as-built quantities, replacement of SW-507 intake, and the installation of cured-in-place-pipe liner.	\$(167,530.12)
Original Contract Amount			\$5,997,160.44
Total Change Orders			\$22,376.48
Percent of Change Orders to Original Contract			0.37%
Total Contract Amount			\$6,019,536.92

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Department of Engineering
City of Des Moines, Iowa



March 4, 2024

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Closes Creek Storm Sewer Improvements Phase 2A and 2B, RW Excavating Solutions, LC.

SYNOPSIS:

Approve the Engineer's Certification of Completion, accept construction of said improvement, and authorize final payment to the contractor.

FISCAL IMPACT:

Amount: \$6,019,536.92 As-Built Contract Cost

Funding Source: 2023-24 CIP, Page 102, Closes Creek Watershed Improvements, SM068, Being: \$5,844,056.32 of Stormwater Utility Bonds Issued and the remaining \$175,480.60 from Des Moines Water Works

CERTIFICATION OF COMPLETION:

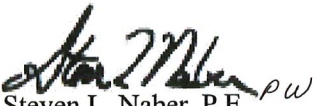
On May 10, 2021, under Roll Call No. 21-0741, the City Council awarded a contract to RW Excavating Solutions, LC, Dan E. Wilson, Managing Member, 13293 S. 88th Avenue W, Prairie City, IA 50228 for the construction of the following improvement:

Closes Creek Storm Sewer Improvements Phase 2A and 2B, 082021003

The improvement includes constructing new Reinforced Concrete Box (RCB) storm sewer sizes 6 feet x 4 feet, 6 feet by 6 feet, and 8 feet x 6 feet, Reinforced Concrete Pipe (RCP) storm sewer sizes 15-inches to 84-inches, trenchless storm sewer sizes 72-inches and 84-inches, precast manholes, cast-in-place manholes and intakes, Poly Vinyl Chloride (PVC) sanitary sewer sizes 10-inch, 15-inch, and 24-inch, Polypropylene Pipe (PP) storm sewer, cementitious storm sewer lining, Ductile iron (DI) water main, 4-inch and 6-inch Portland Cement Concrete (PCC) pavement, Hot-Mix Asphalt (HMA) paving, PCC curb and gutter, subdrain and footing drains, earthwork and grading, gabions, erosion control, fencing, restoration, and other associated and incidental items; all in accordance with contract documents, including Plan File Nos. 628-019/112, generally located from Beaver Avenue south of Witmer Parkway northeasterly to 33rd Street and Mondamin Avenue and also from College Avenue and 41st Street northerly to Northwest Drive, Des Moines, Iowa

I hereby certify that the construction of said Closes Creek Storm Sewer Improvements Phase 2A and 2B, Activity ID 082021003, has been completed in substantial compliance with the terms of said contract, and I hereby recommend that the work be accepted. The work commenced on June 21, 2021, and was completed on February 16, 2024.

I further certify that \$6,019,536.92 is the total cost of said improvement, of which \$5,838,950.81 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$180,586.11 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573. The amount of completed work is shown on the attached Estimate of Construction Completed.


Steven L. Naber, P.E.
Des Moines City Engineer

**ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA**



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**ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 12/21/2023 to 1/11/2024
PARTIAL PAYMENT NO. 19 (FINAL PAYMENT)**

PROJECT: CLOSES CREEK STORM SEWER IMPROVEMENTS - PHASE 2A AND 2B
CONTRACTOR: RW Excavating

ACTIVITY ID: 08-2021-003
DATE: 1/11/2024

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
1	Clearing and Grubbing	AC	4.18	4.18	4.18	0.00	\$ 9,000.00	\$37,620.00
2	Topsoil, On-site	CY	3,856.00	3,856.00	3,856.00	0.00	\$ 18.00	\$69,408.00
3	Excavation, Class 13	CY	24,652.00	24,652.00	24,652.00	0.00	\$ 18.00	\$443,736.00
4	Below Grade Excavation (Core Out)	CY	542.00	85.30	85.30	0.00	\$ 25.00	\$2,132.50
5	Subgrade Preparation	SY	2,648.00	1,177.00	1,177.00	0.00	\$ 4.50	\$5,296.50
6	Subgrade Treatment, Geogrid, Type 2	SY	2,648.00	2,681.78	2,681.78	0.00	\$ 3.50	\$9,386.23
7	Subbase, Modified	TON	1,424.00	1,396.48	1,396.48	0.00	\$ 35.20	\$49,156.10
8	Subbase, Special Backfill	TON	223.00	123.33	123.33	0.00	\$ 35.20	\$4,341.22
9	Filling and Plugging of Known Pipe and Conduit	CY	374.00	179.83	179.83	0.00	\$ 204.00	\$36,685.32
10	Trench Foundation	TON	980.00	0.00	0.00	0.00	\$ 40.00	\$0.00
11	Imported Granular Backfill	TON	3,200.00	2,326.99	2,326.99	0.00	\$ 35.20	\$81,910.05
12	Special Pipe Support	EA	7.00	1.00	1.00	0.00	\$ 2,000.00	\$2,000.00
13	Sanitary Sewer Gravity Main, Trenched, PVC, 10 in	LF	196.00	246.00	246.00	0.00	\$ 60.00	\$14,760.00
14	Sanitary Sewer Gravity Main, Trenched, PVC, 15 in	LF	286.00	286.00	286.00	0.00	\$ 85.00	\$24,310.00
15	Sanitary Sewer Gravity Main, Trenched, PVC, 24 in	LF	662.00	632.00	632.00	0.00	\$ 137.00	\$86,584.00
16	Sanitary Sewer Service Replacement	EA	7.00	2.00	2.00	0.00	\$ 3,000.00	\$6,000.00
17	Removal of Sanitary Sewer	LF	842.00	1,624.00	1,624.00	0.00	\$ 25.00	\$40,600.00
18	Storm Sewer, Trenched, RCP, 15 in	LF	136.00	135.50	135.50	0.00	\$ 88.54	\$11,997.17
19	Storm Sewer, Trenched, RCP, 18 in	LF	202.00	201.80	201.80	0.00	\$ 100.10	\$20,200.18
20	Storm Sewer, Trenched, RCP, 24 in	LF	147.00	140.80	140.80	0.00	\$ 118.70	\$16,712.96
21	Storm Sewer, Trenched, PP, 24 in	LF	149.00	140.00	140.00	0.00	\$ 85.00	\$11,900.00
22	Storm Sewer, Trenched, RCP, 30 in	LF	177.00	154.00	154.00	0.00	\$ 129.35	\$19,919.90
23	Storm Sewer, Trenched, RCP, 36 in	LF	68.00	90.00	90.00	0.00	\$ 172.10	\$15,489.00
24	Storm Sewer, Trenched, RCP, 42 in	LF	31.00	31.00	31.00	0.00	\$ 193.75	\$6,006.25
25	Storm Sewer, Trenched, RCP, 72 in	LF	224.00	162.00	162.00	0.00	\$ 411.80	\$66,711.60
26	Storm Sewer, Trenchless, RCP, 72 in, Class IV	LF	495.00	523.00	523.00	0.00	\$ 1,627.10	\$850,973.30
27	Removal of Storm Sewer, RCP, <30 in	LF	595.00	395.00	395.00	0.00	\$ 20.00	\$7,900.00
28	Removal of Storm Sewer, RCP, >36 in	LF	276.00	443.00	443.00	0.00	\$ 25.00	\$11,075.00
29	Removal of Culvert, RCB, 4 ft Span	LF	747.00	1,052.00	1,052.00	0.00	\$ 100.00	\$105,200.00
30	Removal of RCB Headwall	EA	1.00	0.00	0.00	0.00	\$ 3,500.00	\$0.00
31	Pipe Culvert, Trenched, RCP, 54 in	LF	86.00	86.00	86.00	0.00	\$ 220.30	\$18,945.80
32	Pipe Culvert, Trenched, RCP, 84 in, Class IV	LF	157.00	157.00	157.00	0.00	\$ 707.90	\$111,140.30
33	Pipe Culvert, Trenchless, RCP, 84 in, Class IV	LF	300.00	304.00	304.00	0.00	\$ 2,368.75	\$720,100.00

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ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
34	Pipe Apron, 15 in	EA	1.00	1.00	1.00	0.00	\$ 1,315.50	\$1,315.50
35	Pipe Apron, 24 in	EA	1.00	1.00	1.00	0.00	\$ 1,815.50	\$1,815.50
36	Pipe Apron, 42 in	EA	1.00	1.00	1.00	0.00	\$ 3,054.00	\$3,054.00
37	Pipe Apron, 54 in	EA	2.00	2.00	2.00	0.00	\$ 5,460.00	\$10,920.00
38	Pipe Apron, 72 in	EA	2.00	2.00	2.00	0.00	\$ 8,014.00	\$16,028.00
39	Pipe Apron, 84 in	EA	4.00	5.00	5.00	0.00	\$ 7,809.00	\$39,045.00
40	Reinforced Concrete Box (RCB), Single Cell, 6 ft x 4 ft	LF	99.00	98.50	98.50	0.00	\$ 770.00	\$75,845.00
41	Reinforced Concrete Box (RCB), Single Cell, 6 ft x 6 ft	LF	20.00	0.00	0.00	0.00	\$ 990.00	\$0.00
42	Reinforced Concrete Box (RCB), Single Cell, 8 ft x 6 ft	LF	171.00	170.50	170.50	0.00	\$ 990.00	\$168,795.00
43	Sloped End Section, Reinforced Concrete Box (RCB), Single Cell, 8 ft x 6 ft	EA	1.00	1.00	1.00	0.00	\$ 9,900.00	\$9,900.00
44	Parallel Wing Headwall, PCC, Cast-In-Place, 4 ft x 6 ft	EA	4.00	0.00	0.00	0.00	\$ 12,000.00	\$0.00
45	Parallel Wing Headwall, Reinforced Concrete Box (RCB), Single Cell, 6 ft	EA	1.00	2.00	2.00	0.00	\$ 8,000.00	\$16,000.00
46	Concrete Collar Connection, 4 ft x 6 ft	EA	5.00	0.00	0.00	0.00	\$ 16,000.00	\$0.00
47	Concrete Collar Connection, 6 ft x 6 ft	EA	1.00	0.00	0.00	0.00	\$ 18,000.00	\$0.00
48	Culvert Rehabilitation, Lining	LF	170.00	130.00	130.00	0.00	\$ 684.00	\$88,920.00
49	Subdrain, Type 1, 6 in	LF	1,205.00	1,661.00	1,661.00	0.00	\$ 25.00	\$41,525.00
50	Footing Drain Collector, Type 2, Case D, 8 in	LF	337.00	342.00	342.00	0.00	\$ 28.00	\$9,576.00
51	Subdrain Cleanout, Type A-1, 6 in	EA	14.00	9.00	9.00	0.00	\$ 605.00	\$5,445.00
52	Footing Drain Cleanout, Type B, 24 in	EA	1.00	1.00	1.00	0.00	\$ 1,822.00	\$1,822.00
53	Subdrain Outlet and Connections, 6 in	EA	16.00	43.00	43.00	0.00	\$ 400.00	\$17,200.00
54	Footing Drain Outlet and Connection, 8 in	EA	1.00	1.00	1.00	0.00	\$ 500.00	\$500.00
55	Sump Drain Service Connection	EA	3.00	3.00	3.00	0.00	\$ 400.00	\$1,200.00
56	Water Main, Trenched, DIP, 8 in	LF	376.00	82.00	82.00	0.00	\$ 147.00	\$12,054.00
57	Fitting, Bend, 8 in	EA	11.00	4.00	4.00	0.00	\$ 651.00	\$2,604.00
58	Fitting, Solid Sleeve, 8 in	EA	6.00	1.00	1.00	0.00	\$ 1,062.00	\$1,062.00
59	Water Service, 1 in, Opposite Side	EA	4.00	6.00	6.00	0.00	\$ 2,517.00	\$15,102.00
60	Water Service, 1 in, Same Side	EA	1.00	4.00	4.00	0.00	\$ 2,017.00	\$8,068.00
61	Magnesium Anode, 32-lb	EA	9.00	2.00	2.00	0.00	\$ 972.00	\$1,944.00
62	Removal of Water Main	LF	363.00	417.00	417.00	0.00	\$ 40.00	\$16,680.00
63	Manhole, Type SW-301, 48 in	EA	5.00	7.00	7.00	0.00	\$ 7,502.00	\$52,514.00
64	Manhole, Type SW-303, 48 in	EA	2.00	0.00	0.00	0.00	\$ 8,479.00	\$0.00
65	Manhole, Type SW-401, 48 in	EA	1.00	2.00	2.00	0.00	\$ 5,353.00	\$10,706.00
66	Manhole, Type SW-401, 72 in	EA	2.00	1.00	1.00	0.00	\$ 7,727.00	\$7,727.00
67	Manhole, Type SW-402, Modified, 72 in x 48 in	EA	1.00	1.00	1.00	0.00	\$ 10,569.00	\$10,569.00
68	Manhole, Type SW-404, 9 ft x 5 ft, 48 in Riser	EA	1.00	1.00	1.00	0.00	\$ 55,000.00	\$55,000.00
69	Manhole, Type SW-404, 9 ft x 9 ft, 60 in Riser	EA	1.00	1.00	1.00	0.00	\$ 82,500.00	\$82,500.00
70	Manhole, Type SW-404, 12 ft x 5 ft	EA	1.00	1.00	1.00	0.00	\$ 93,500.00	\$93,500.00
71	Manhole, Type SW-404, Modified	EA	1.00	1.00	1.00	0.00	\$ 5,264.00	\$5,264.00
72	Manhole, Type SW-405, 72 in	EA	1.00	1.00	1.00	0.00	\$ 13,868.00	\$13,868.00
73	Manhole, Type SW-405, 84 in	EA	1.00	1.00	1.00	0.00	\$ 27,524.00	\$27,524.00
74	Intake, Type SW-505	EA	9.00	9.00	9.00	0.00	\$ 11,000.00	\$99,000.00

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ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
75	Intake, Type SW-506	EA	4.00	4.00	4.00	0.00	\$ 13,750.00	\$55,000.00
76	Intake, Type SW-509	EA	3.00	2.00	2.00	0.00	\$ 16,500.00	\$33,000.00
77	Intake, Type SW-512, 30 in	EA	1.00	1.00	1.00	0.00	\$ 5,500.00	\$5,500.00
78	Intake, Type SW-541	EA	2.00	2.00	2.00	0.00	\$ 11,000.00	\$22,000.00
79	Intake Extension, Type SW-542	EA	4.00	4.00	4.00	0.00	\$ 5,500.00	\$22,000.00
80	Intake, Type SW-545, 14 ft Curb Opening	EA	1.00	1.00	1.00	0.00	\$ 13,750.00	\$13,750.00
81	Intake, Type SW-545, 16 ft Curb Opening	EA	1.00	1.00	1.00	0.00	\$ 16,500.00	\$16,500.00
82	Intake, Type SW-545, 18 ft Curb Opening	EA	1.00	1.00	1.00	0.00	\$ 19,250.00	\$19,250.00
83	Area Intake on Existing RCB	EA	1.00	1.00	1.00	0.00	\$ 2,250.00	\$2,250.00
84	Outlet Structure Modifications	EA	1.00	1.00	1.00	0.00	\$ 53,749.00	\$53,749.00
85	External Drop Connection, SW-307, 6 in	EA	1.00	1.00	1.00	0.00	\$ 5,400.00	\$5,400.00
86	External Drop Connection, SW-307, 10 in	EA	1.00	1.00	1.00	0.00	\$ 7,200.00	\$7,200.00
87	External Drop Connection, SW-307, 15 in	EA	1.00	1.00	1.00	0.00	\$ 10,000.00	\$10,000.00
88	Manhole Adjustment, Minor	EA	5.00	4.00	4.00	0.00	\$ 2,250.00	\$9,000.00
89	Manhole Adjustment, Major	EA	3.00	2.00	2.00	0.00	\$ 3,500.00	\$7,000.00
90	Connection to Existing Intake	EA	1.00	1.00	1.00	0.00	\$ 3,150.00	\$3,150.00
91	Connection to Existing RCB	EA	2.00	2.00	2.00	0.00	\$ 3,150.00	\$6,300.00
92	Remove Intake	EA	10.00	11.00	11.00	0.00	\$ 1,350.00	\$14,850.00
93	Remove Manhole, Standard	EA	7.00	7.00	7.00	0.00	\$ 1,350.00	\$9,450.00
94	Remove Manhole, Large	EA	6.00	7.00	7.00	0.00	\$ 2,700.00	\$18,900.00
95	Pavement, PCC, 6 in	SY	513.00	506.00	506.00	0.00	\$ 62.00	\$31,372.00
96	Curb and Gutter, 2.5', 6 in	LF	1,086.00	1,249.00	1,249.00	0.00	\$ 29.40	\$36,720.60
97	Pavement, HMA ST Base, 1" Mix, PG 58-28 S	TON	336.00	407.72	407.72	0.00	\$ 90.30	\$36,817.12
98	Pavement, HMA ST Surface, 1/2" Mix, No Fric., PG 58-28 V	TON	256.00	372.32	372.32	0.00	\$ 90.00	\$33,508.80
99	HMA Pavement Samples and Testing	LS	1.00	1.00	1.00	0.00	\$ 1,000.00	\$1,000.00
100	Removal of Sidewalk	SY	282.00	561.93	561.93	0.00	\$ 15.00	\$8,428.95
101	Removal of Driveway	SY	395.00	337.62	337.62	0.00	\$ 15.00	\$5,064.30
102	Sidewalk, PCC, 4 in	SY	242.00	405.04	405.04	0.00	\$ 50.00	\$20,252.00
103	Sidewalk, PCC, 6 in	SY	40.00	86.72	86.72	0.00	\$ 80.00	\$6,937.60
104	Detectable Warnings	SF	8.00	16.00	16.00	0.00	\$ 62.00	\$992.00
105	Driveway, Paved, PCC, 6 in	SY	185.00	307.46	307.46	0.00	\$ 62.00	\$19,062.52
106	Driveway, Paved, PCC, 6 in, Reinforced	SY	62.00	62.38	62.38	0.00	\$ 72.00	\$4,491.36
107	Full Depth Patches, PCC	SY	32.00	0.00	0.00	0.00	\$ 125.00	\$0.00
108	Pavement Removal	SY	2,483.00	2,555.83	2,555.83	0.00	\$ 20.00	\$51,116.60
109	Curb and Gutter Removal	LF	70.00	325.00	325.00	0.00	\$ 10.00	\$3,250.00
110	Painted Pavement Markings, Durable	STA	3.61	2.21	2.21	0.00	\$ 550.00	\$1,215.50
111	Temporary Traffic Control	LS	1.00	1.00	1.00	0.00	\$ 67,500.00	\$67,500.00
112	Conventional Seeding, Lawn Seed	AC	0.10	0.00	0.00	0.00	\$ 10,000.00	\$0.00
113	Conventional Seeding, Native Seed, Detention Basin Mix	AC	1.00	1.36	1.36	0.00	\$ 6,000.00	\$8,160.00
114	Conventional Seeding, Native Seed, Tall Sedge Meadow Mix	AC	0.20	0.00	0.00	0.00	\$ 6,000.00	\$0.00
115	Conventional Seeding, Native Seed, Slope Mix	AC	1.75	2.04	2.04	0.00	\$ 6,000.00	\$12,240.00

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ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
116	Hydraulic Seeding, Type 1	AC	1.10	2.41	2.41	0.00	\$ 6,000.00	\$14,460.00
117	Hydraulic Seeding, Type 2	AC	1.50	2.01	2.01	0.00	\$ 6,000.00	\$12,060.00
118	Plants with Warranty, Overstory Trees	EA	34.00	34.00	34.00	0.00	\$ 562.50	\$19,125.00
119	Plants with Warranty, Ornamental Trees	EA	22.00	22.00	22.00	0.00	\$ 512.50	\$11,275.00
120	Plants with Warranty, Shrub	EA	235.00	201.00	201.00	0.00	\$ 240.00	\$48,240.00
121	Stormwater Pollution Prevention	LS	1.00	1.00	1.00	0.00	\$ 20,000.00	\$20,000.00
122	Temporary RECP, Type 2	SY	8,000.00	18,200.00	18,200.00	0.00	\$ 2.50	\$45,500.00
123	Check Dam, Rock	TON	50.00	31.19	31.19	0.00	\$ 80.00	\$2,495.20
124	Rip Rap, Class D	TON	2,484.00	2,280.96	2,280.96	0.00	\$ 65.00	\$148,262.40
125	Concrete Grout for Rip Rap	CY	508.00	0.00	0.00	0.00	\$ 250.00	\$0.00
126	Stabilized Construction Entrance	TON	150.00	333.53	333.53	0.00	\$ 45.00	\$15,008.85
127	Erosion Control Mulching, Hydromulching	AC	5.65	2.63	2.63	0.00	\$ 4,500.00	\$11,835.00
128	Inlet Protection Device	EA	23.00	16.00	16.00	0.00	\$ 150.00	\$2,400.00
129	Inlet Protection Device, Maintenance	EA	46.00	59.00	59.00	0.00	\$ 50.00	\$2,950.00
130	Linear Erosion Control	LF	6,900.00	10,000.00	10,000.00	0.00	\$ 3.00	\$30,000.00
131	Linear Erosion Control, Removal	LF	6,900.00	2,300.00	2,300.00	0.00	\$ 1.00	\$2,300.00
132	Gabions	CY	121.00	121.00	121.00	0.00	\$ 420.00	\$50,820.00
133	Gabions, Removal	CY	140.00	140.00	140.00	0.00	\$ 50.00	\$7,000.00
134	Fence, Chain Link, 4 ft	LF	542.00	836.00	836.00	0.00	\$ 30.00	\$25,080.00
135	Fence, Chain Link, 6 ft	LF	148.00	222.00	222.00	0.00	\$ 31.00	\$6,882.00
136	Fence, Wood Privacy, 4 ft	LF	42.00	0.00	0.00	0.00	\$ 50.00	\$0.00
137	Fence, Wood Privacy, 6 ft	LF	64.00	283.00	283.00	0.00	\$ 53.00	\$14,999.00
138	Gates, Chain Link, 4 ft High x 4 ft Span	EA	1.00	4.00	4.00	0.00	\$ 320.00	\$1,280.00
139	Gates, Chain Link, 4 ft High x 5 ft Span	EA	2.00	0.00	0.00	0.00	\$ 350.00	\$0.00
140	Removal of Fence	LF	1,400.00	1,523.00	1,523.00	0.00	\$ 5.00	\$7,615.00
141	Temporary Chain Link Fence, 4 ft	LF	130.00	849.00	849.00	0.00	\$ 20.00	\$16,980.00
142	Tree Protection Fence	LF	1,500.00	2,133.00	2,133.00	0.00	\$ 3.50	\$7,465.50
143	Mobilization	LS	1.00	1.00	1.00	0.00	\$ 430,000.00	\$430,000.00
144	Maintenance of Postal Service	LS	1.00	1.00	1.00	0.00	\$ 5,000.00	\$5,000.00
145	Maintenance of Solid Waste Collection	LS	1.00	1.00	1.00	0.00	\$ 8,000.00	\$8,000.00
146	Concrete Washout	LS	1.00	1.00	1.00	0.00	\$ 3,500.00	\$3,500.00
147	Vibration Monitoring	LS	1.00	1.00	1.00	0.00	\$ 65,000.00	\$65,000.00
148	Project Sign, Stormwater	EA	4.00	4.00	4.00	0.00	\$ 750.00	\$3,000.00

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
1001	Project Sign, Your Tax Dollars at Work	EA	0.00	1.00	1.00	0.00	\$ 2,500.00	\$2,500.00
1002	Temporary Seeding	AC	0.00	0.31	0.31	0.00	\$ 6,000.00	\$1,860.00
1003	Piles, Steel Sheet	LF	0.00	48.00	48.00	0.00	\$ 56.68	\$2,720.64
1004	Manhole, Type SW-303, 60"	EA	0.00	2.00	2.00	0.00	\$ 11,309.21	\$22,618.42
1005	Clearing and Grubbing, Potential Bat Trees	LS	0.00	1.00	1.00	0.00	\$ 19,441.40	\$19,441.40
2001	TRM, Type 2	SY	0.00	6,000.00	6,000.00	0.00	\$ 4.70	\$28,200.00
2002	Gates, Wood Privacy Fence	EA	0.00	3.00	3.00	0.00	\$ 1,045.00	\$3,135.00
2003	External Drop Connection, SW-307, 8"	EA	0.00	1.00	1.00	0.00	\$ 6,300.00	\$6,300.00
2004	Sanitary Sewer Gravity Main, Trenched, DI, 8"	LF	0.00	29.00	29.00	0.00	\$ 100.00	\$2,900.00
2005	Sanitary Sewer Gravity Main, Trenched, DI, 6"	LF	0.00	50.00	50.00	0.00	\$ 66.34	\$3,317.00
2006	6" DI Fitting	EA	0.00	1.00	1.00	0.00	\$ 626.00	\$626.00
2007	Additional Clearing and Grubbing, 4215 Northwest Drive	LS	0.00	1.00	1.00	0.00	\$ 1,500.00	\$1,500.00
3001	Storm Sewer, Trenched, RCP, 60 in	LF	0.00	72.00	72.00	0.00	\$ 300.00	\$21,600.00
3002	Storm Sewer Bend, Trenched, RCP, 60 in	EA	0.00	2.00	2.00	0.00	\$ 5,500.00	\$11,000.00
3003	Pipe Apron, RCP, 60 in	EA	0.00	2.00	2.00	0.00	\$ 7,500.00	\$15,000.00
3004	Storm Sewer Collar, 60 in	EA	0.00	2.00	2.00	0.00	\$ 3,500.00	\$7,000.00
3005	Sliplining Credit	LS	0.00	1.00	1.00	0.00	\$ (10,000.00)	(\$10,000.00)
3006	Additional Clearing and Grubbing, College Avenue	LS	0.00	1.00	1.00	0.00	\$ 4,800.00	\$4,800.00
3007	Bore Pit Modification, 34th Street	LS	0.00	1.00	1.00	0.00	\$ 10,000.00	\$10,000.00
3008	Chain Link Fence Gate, 32"x48"	EA	0.00	1.00	1.00	0.00	\$ 825.00	\$825.00
3009	Additional Traffic Control Signage, Witmer Parkway	LS	0.00	1.00	1.00	0.00	\$ 2,585.00	\$2,585.00
3010	Structure Modifications, ST-16	LS	0.00	1.00	1.00	0.00	\$ 8,000.00	\$8,000.00
3011	Hydrant Assembly, 6"	EA	0.00	1.00	1.00	0.00	\$ 10,762.00	\$10,762.00
3012	Water Main, Trenched, C900 DR18 PVC, RJ 8"	LF	0.00	491.00	491.00	0.00	\$ 141.00	\$69,231.00
3013	Valve, 8"	EA	0.00	1.00	1.00	0.00	\$ 2,985.00	\$2,985.00
3014	Fitting, Cap/Plug, 8"	EA	0.00	6.00	6.00	0.00	\$ 1,011.70	\$6,070.20
3015	Fitting, Tee, 8"x8"	EA	0.00	4.00	4.00	0.00	\$ 2,915.20	\$11,660.80
3016	Fitting, 45-Deg Bend, 8"	EA	0.00	8.00	8.00	0.00	\$ 829.00	\$6,632.00
3017	Fitting, 90-Deg Bend, 8"	EA	0.00	2.00	2.00	0.00	\$ 770.00	\$1,540.00
3018	8"x8" Tap, Excavation Only	LS	0.00	2.00	2.00	0.00	\$ 2,600.00	\$5,200.00
4001	Flexamat	SF	0.00	12,512.00	12,512.00	0.00	\$ 7.50	\$93,840.00
4002	Excavation for Flexamat	LS	0.00	1.00	1.00	0.00	\$ 1,000.00	\$1,000.00
4003	Basin Side Slope Reshaping	LS	0.00	1.00	1.00	0.00	\$ 5,359.64	\$5,359.64
4004	Precast Structure Credit, ST-1100	LS	0.00	1.00	1.00	0.00	\$ (25,000.00)	(\$25,000.00)
4005	Changeable Message Sign	DAY	0.00	7.00	7.00	0.00	\$ 627.00	\$4,389.00
4006	Additional Traffic Control Signage, Beaver Avenue	LS	0.00	1.00	1.00	0.00	\$ 2,035.00	\$2,035.00
5001	Intake, SW-507	EA	0.00	1.00	1.00	0.00	\$ 6,800.00	\$6,800.00
5002	Pipe Lining, CIPP, 18"	LF	0.00	31.50	31.50	0.00	\$ (82.44)	(\$2,596.86)

13D

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
	ORIGINAL CONTRACT AMOUNT		\$ 5,997,160.44				
	TOTAL CHANGE ORDERS		\$ 22,376.48				
	ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$ 6,019,536.92				
	PAYMENT #1		\$ 335,307.70				
	PAYMENT #2		\$ 327,601.66				
	PAYMENT #3		\$ 364,397.38				
	PAYMENT #4		\$ 132,068.05				
	PAYMENT #5		\$ 173,334.15				
	PAYMENT #6		\$ 410,460.14				
	PAYMENT #7		\$ 423,472.64				
	PAYMENT #8		\$ 357,541.61				
	PAYMENT #9		\$ 640,872.74				
	PAYMENT #10		\$ 542,930.73				
	PAYMENT #11		\$ 475,440.49				
	PAYMENT #12		\$ 360,040.44				
	PAYMENT #13		\$ 242,523.66				
	PAYMENT #14		\$ 274,196.13				
	PAYMENT #15		\$ 290,956.00				
	PAYMENT #16		\$ 222,869.27				
	PAYMENT #17		\$ 215,585.31				
	PAYMENT #18		\$ 49,352.71				
	THIS PARTIAL PAYMENT		\$ -				
	TOTAL PARTIAL PAYMENTS		\$ 5,838,950.81				
	BALANCE		\$ 180,586.11				
	APPROXIMATE PERCENT COMPLETE		100.0%				

PREPARED BY: Alisha Markuson
Project Inspector

CHECKED BY: [Signature]
Project Engineer

CONTRACTOR: [Signature]
RW Excavating

TOTAL	\$ 6,019,536.92
RETAINAGE	\$ 180,586.11
TOTAL LESS RETAINAGE	\$ 5,838,950.81
LESS PREVIOUS PAYMENT	\$ 5,838,950.81
AMOUNT DUE	\$ -

PARTIAL PAYMENT NO. 19 (FINAL PAYMENT)