



Roll Call Number

Agenda Item Number

13 G

DATE December 12, 2022

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR S.E. 9TH STREET STORM WATER PUMP STATION AND IMPROVEMENTS, WOODRUFF CONSTRUCTION, INC.

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 S.E. 9th Street Storm Water Pump Station and Improvements, 082017006, in accordance with the contract approved between Woodruff Construction, Inc., Donald A. Woodruff, President, 1890 Kountry Lane, Fort Dodge, IA 50501, under Roll Call No. 19-2071, of December 16, 2019, 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 \$8,289,800.30 is the total cost, of which \$8,289,800.30 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 \$0.00 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 BB

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLW
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Funding Source: 2022-23 CIP, Page 106, Flood Mitigation Improvements, SM087, Being: \$1,405,416.30 in Storm Water Bonds and the pump station costs of \$6,884,384 in State Sales Tax Increment funds

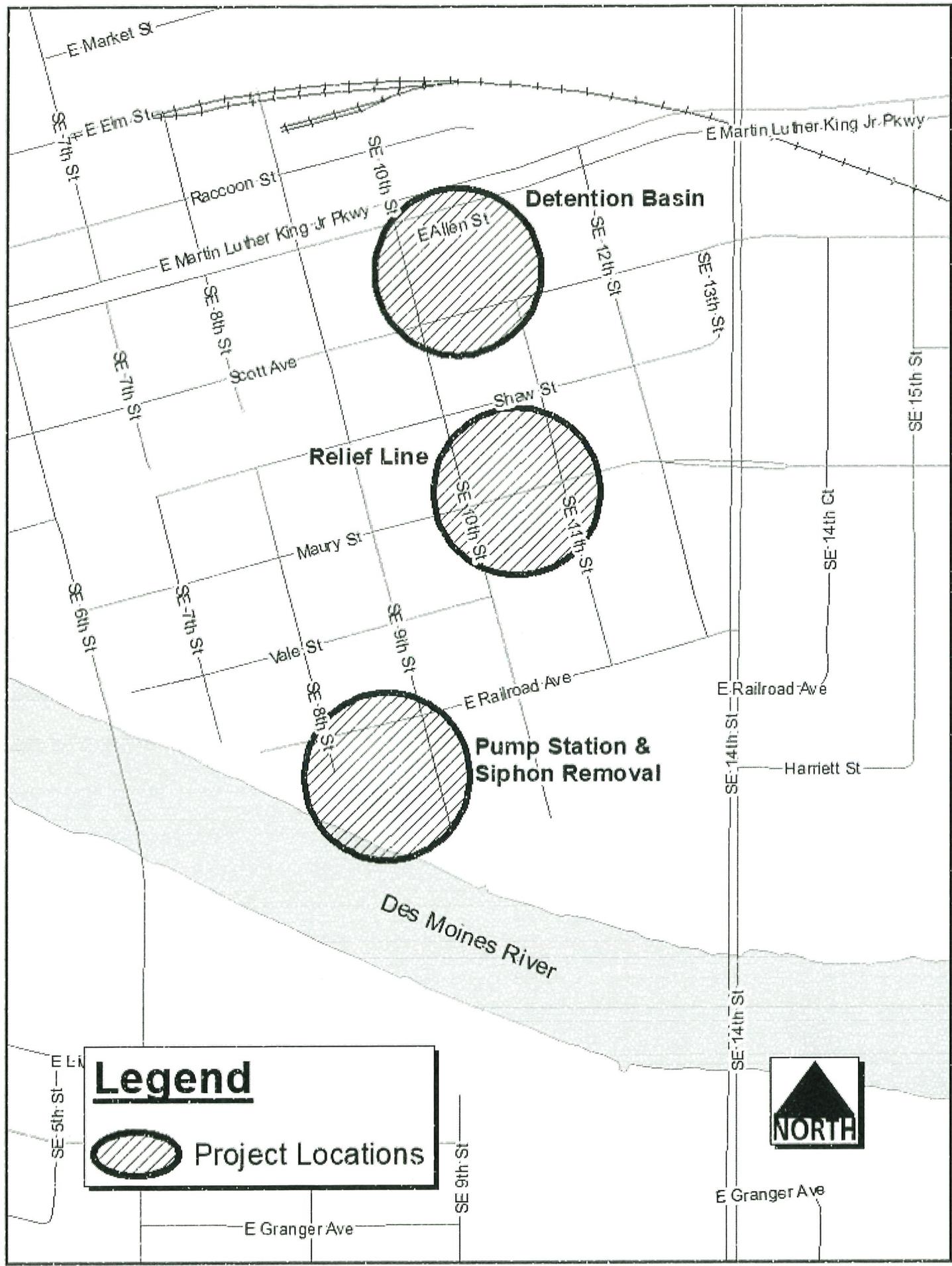
COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
MANDELBAUM				
SHEUMAKER				
VOSS				
WESTERGAARD				
TOTAL				
MOTION CARRIED	APPROVED			

I, Laura Baumgartner, City Clerk of said City Council, hereby certify that at a meeting of the City Council, 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.

Mayor

City Clerk



Legend

 Project Locations





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PROJECT SUMMARY

S.E. 9th Street Storm Water Pump Station and Improvements

Activity ID 082017006

On December 16, 2019, under Roll Call No. 19-2071, the Council awarded the contract for the above improvements to Woodruff Construction, Inc., in the amount of \$8,186,736.62. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Contractor	3/4/2021 Addition of credit for seepage relief trench, replacement of pump cords, repair existing pump station electrical, and additional water main protection at ST-1 and SE 9th Street and Railroad Avenue intersection.	\$21,188.55
2	Contractor	8/23/2021 Addition of access road installation and removal, additional removals of the existing pump station, and adjustment of quantities to the as-built quantities.	\$81,875.13
Original Contract Amount			\$8,186,736.62
Total Change Orders			\$103,063.68
Percent of Change Orders to Original Contract			1.26%
Total Contract Amount			\$8,289,800.30

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December 12, 2022

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the S.E. 9th Street Storm Water Pump Station and Improvements, Woodruff Construction, Inc..

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$8,289,800.30 As-Built Contract Cost

Funding Source: 2022-23 CIP, Page 106, Flood Mitigation Improvements, SM087, Being: \$1,405,416.30 in Storm Water Bonds and the pump station costs of \$6,884,384 in State Sales Tax Increment funds

CERTIFICATION OF COMPLETION:

On December 16, 2019, under Roll Call No. 19-2071, the City Council awarded a contract to Woodruff Construction, Inc., Donald A. Woodruff, President, 1890 Kountry Lane, Fort Dodge, IA 50501 for the construction of the following improvement:

S.E. 9th Street Storm Water Pump Station and Improvements, 082017006

The improvement includes construction of a two-pump storm water pump station including the installation of pumps, mechanical bar screens, electrical and controls building, standby power generator, modification of existing gatewell structure, 12-inch to 78-inch diameter Reinforced Concrete Pipe (RCP) storm sewer, Portland Cement Concrete (PCC) pavement, PCC sidewalk, earthwork, landscaping, Hot Mix Asphalt (HMA) trail, and miscellaneous associated work including cleanup, erosion control, and seeding of disturbed areas and other incidental items; all in accordance with the contract documents, including Plan File Nos. 612-102/195, with improvements located at 1030 S.E. 9th Street, 505 S.E. 10th Street and along the Maury Street from S.E. 10th Street to S.E. 11th Street in Des Moines, Iowa

I hereby certify that the construction of said S.E. 9th Street Storm Water Pump Station and Improvements, Activity ID 082017006, 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 January 22, 2020, and was completed on October 26, 2022.

I further certify that \$8,289,800.30 is the total cost of said improvement, of which \$8,289,800.30 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 \$0.00 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

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ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 9/20/2022 TO 10/26/2022
PARTIAL PAYMENT NO. 20

PROJECT: S.E. 9TH STREET STORM WATER PUMP STATION AND IMPROVEMENTS
CONTRACTOR: WOODRUFF CONSTRUCTION, LLC

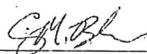
Activity ID: 08-2017-006
Date: 11/2/2022

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	SE 9TH ST. STORM WATER PUMP STATION-WETWELL	LS	1,000	1,000	1,000	\$2,835,474.00	\$2,835,474.00
2	SE 9TH ST. STORM WATER PUMP STATION-CONTROL BUILDING	LS	1,000	1,000	1,000	\$166,199.00	\$166,199.00
3	SE 9TH ST. STORM WATER PUMP STATION-ELECTRICAL, GENERATOR, AND CONTROLS	LS	1,000	1,000	1,000	\$905,985.00	\$905,985.00
4	GATEWELL 325B IMPROVEMENTS	LS	1,000	1,000	1,000	\$82,005.00	\$82,005.00
5	CONCRETE HEADWALL, DES MOINES RIVER	LS	1,000	1,000	1,000	\$172,391.00	\$172,391.00
6	STEEL SHEET PILING	SF	1,180,000	1,180,000	1,180,000	\$82.76	\$97,656.80
7	48" PCCP WATER MAIN PROTECTION SYSTEM	LS	1,000	1,000	1,000	\$395,350.00	\$395,350.00
8	CLEARING & GRUBBING (TREE TRIMMING)	UNIT	50,000	50,000	50,000	\$305.74	\$15,287.00
9	CLEARING & GRUBBING	LS	1,000	1,000	1,000	\$21,085.00	\$21,085.00
10	TOPSOIL, ON-SITE, STRIP, SALVAGE & SPREAD	CY	2,900,000	2,900,000	2,900,000	\$21.09	\$61,161.00
11	EXCAVATION & GRADING, CLASS 10 (IMPERVIOUS LEVEE FILL)	CY	1,885,000	1,885,000	1,885,000	\$26.36	\$49,688.60
12	EXCAVATION & GRADING, CLASS 10 (PERVIOUS LEVEE FILL)	CY	1,756,000	1,756,000	1,756,000	\$15.81	\$27,762.36
13	EXCAVATION & GRADING, CLASS 10 (FILL)	CY	2,510,000	2,510,000	2,510,000	\$15.81	\$39,683.10
14	EXCAVATION & GRADING, CLASS 10 (BORROW)	CY	9,163,000	9,163,000	9,163,000	\$23.15	\$212,123.45
15	MODIFIED SUBBASE, 4" DEPTH (MODIFIED BY CO NO. 2)	SY	609,000	745,100	745,100	\$21.09	\$15,714.16
16	MODIFIED SUBBASE, 6" DEPTH	SY	985,000	985,000	985,000	\$26.36	\$25,964.60
17	SANITARY SEWER, PVC SDR26, 8"	LF	42,000	42,000	42,000	\$158.14	\$6,641.88
18	SANITARY SEWER, DIP CL52, 8"	LF	40,000	40,000	40,000	\$358.45	\$14,338.00
19	SANITARY SEWER SERVICE RELOCATION	EACH	3,000	3,000	3,000	\$8,434.00	\$25,302.00
20	REMOVE SANITARY SEWER BOX, 5' X 6' CONCRETE	LF	16,000	16,000	16,000	\$622.00	\$9,952.00
21	REMOVE SANITARY SEWER, 8"	LF	74,000	74,000	74,000	\$56.41	\$4,174.34
22	STORM SEWER GRAVITY, TRENCHED, RCP, CL III, 12"	LF	24,000	24,000	24,000	\$162.38	\$3,897.12
23	STORM SEWER GRAVITY, TRENCHED, RCP, CL IV, 24"	LF	62,000	62,000	62,000	\$193.98	\$12,026.76
24	STORM SEWER GRAVITY, TRENCHED, RCP, CL III, 30"	LF	325,000	325,000	325,000	\$289.96	\$94,237.00
25	STORM SEWER GRAVITY, TRENCHED, RCP, CL III, 42"	LF	50,000	50,000	50,000	\$434.36	\$21,718.00
26	STORM SEWER GRAVITY, TRENCHED, RCP, CL III, 78"	LF	204,000	204,000	204,000	\$1,132.44	\$231,017.76
27	STORM SEWER FORCEMAIN, TRENCHED, DIP, CL 52, 36"	LF	576,000	576,000	576,000	\$643.10	\$370,425.60
28	REMOVE STORM SEWER, 78" RCP	LF	32,000	32,000	32,000	\$221.41	\$7,085.12
29	ABANDON STORM SEWER PIPE WITH FLOWABLE MORTAR CONCRETE	CY	45,000	45,000	45,000	\$247.76	\$11,149.20
30	STORM SEWER PIPE APRON, 12 IN RCP, WITH APRON FOOTING & GUARD	EACH	1,000	1,000	1,000	\$1,687.00	\$1,687.00
31	STORM SEWER PIPE APRON, 42 IN RCP, WITH APRON FOOTING & GUARD	EACH	1,000	1,000	1,000	\$3,954.00	\$3,954.00
32	SUBDRAIN, PVC, TYPE 2 PERFORATED, 4 IN. DIA.	LF	130,000	130,000	130,000	\$52.72	\$6,853.60
33	SUBDRAIN, PVC, TYPE 2 NON-PERFORATED, 4 IN. DIA.	LF	139,000	139,000	139,000	\$52.71	\$7,326.69
34	SUBDRAIN, PVC, TYPE 2 CLEANOUT, 4 IN. DIA.	EACH	9,000	9,000	9,000	\$948.89	\$8,540.01
35	MANHOLE, SANITARY SEWER, SW-301, 48" DIA	EACH	1,000	1,000	1,000	\$4,270.00	\$4,270.00
36	MANHOLE, SANITARY SEWER, SW-303, 48" DIA	EACH	2,000	2,000	2,000	\$7,975.50	\$15,951.00
37	MANHOLE ST-1, STORM SEWER, SW-404, 11' X 11' WITH 48" RISER	EACH	1,000	1,000	1,000	\$126,548.00	\$126,548.00
38	MANHOLE ST-2, STORM SEWER, SW-404, 11' X 11'	EACH	1,000	1,000	1,000	\$118,224.00	\$118,224.00
39	MANHOLE ST-3, STORM SEWER, CUSTOM, 156" X 72 "	EACH	1,000	1,000	1,000	\$35,126.00	\$35,126.00
40	MANHOLE ST-4, STORM SEWER, SW-403, 108" X 60"	EACH	1,000	1,000	1,000	\$32,037.00	\$32,037.00
41	MANHOLE ST-5, STORM SEWER, SW-401, 72"	EACH	1,000	1,000	1,000	\$13,705.00	\$13,705.00
42	INTAKE, SW-604, 36" DIA., SW-604 TYPE 4D CASTING	EACH	1,000	1,000	1,000	\$6,853.00	\$6,853.00
43	COLLAR, STORM CONNECTION TO EXISTING, CONC.	EACH	3,000	3,000	3,000	\$9,119.33	\$27,357.99
44	REMOVE MANHOLE	EACH	3,000	3,000	3,000	\$1,344.33	\$4,032.99
45	PAVEMENT, P.C. CONCRETE, 7" (MODIFIED BY CO NO. 1)	SY	350,000	524,900	524,900	\$85.25	\$44,747.73
46	SIDEWALK REMOVAL	SY	231,000	231,000	231,000	\$12.65	\$2,922.15
47	DRIVEWAY REMOVAL	SY	89,000	89,000	89,000	\$15.81	\$1,407.09
48	SHARED USE PATH REMOVAL, HMA	SY	422,000	422,000	422,000	\$15.82	\$6,676.04
49	SHARED USE PATH, 6" HMA, LOW TRAFFIC SURF. & BASE, 1/2", PG 58-28S	SY	440,000	440,000	440,000	\$64.31	\$28,296.40
50	SIDEWALK, P.C. CONCRETE, 4"	SY	87,000	87,000	87,000	\$99.26	\$8,635.62
51	SIDEWALK, P.C. CONCRETE, 5"	SY	784,000	784,000	784,000	\$73.90	\$57,937.60
52	DETECTABLE WARNING	SF	28,000	28,000	28,000	\$56.71	\$1,587.88
53	DRIVEWAY, P.C. CONCRETE, 6"	SY	22,000	22,000	22,000	\$158.64	\$3,490.08
54	DRIVEWAY, P.C. CONCRETE, 7" (MODIFIED BY CO NO. 2)	SY	631,000	767,100	767,100	\$60.74	\$46,593.65
55	BEAM CURB, P.C. CONCRETE, 6" HEIGHT	LF	15,000	15,000	15,000	\$78.13	\$1,171.95
56	DRIVEWAY, GRANULAR SURFACING, CLASS A	TON	20,000	20,000	20,000	\$36.90	\$738.00
57	HMA PAVEMENT	SY	40,000	40,000	40,000	\$212.95	\$8,518.00
58	PARTIAL DEPTH PATCH, P.C. CONCRETE	SY	70,000	70,000	70,000	\$113.90	\$7,973.00
59	PARTIAL DEPTH PATCH, HMA	SY	70,000	70,000	70,000	\$89.61	\$6,272.70
60	PAVEMENT REMOVAL, PCC (MODIFIED BY CO NO. 2)	SY	301,000	437,100	437,100	\$16.87	\$7,373.88
61	PAVEMENT REMOVAL, HMA	SY	90,000	90,000	90,000	\$21.09	\$1,898.10
62	CURB & GUTTER REMOVAL	LF	190,000	190,000	190,000	\$15.82	\$3,005.80
63	TRAFFIC CONTROL	LS	1,000	1,000	1,000	\$15,076.00	\$15,076.00
64	HYDRAULIC SEEDING, FERTILIZING, MULCHING, AND WATERING, TYPE 4	AC	4,800	4,800	4,800	\$4,006.67	\$19,232.02
65	HYDRAULIC SEEDING, FERTILIZING, MULCHING, AND WATERING, TYPE 1	AC	1,400	1,400	1,400	\$6,700.71	\$9,380.99
66	HYDRAULIC SEEDING, MULCHING AND WATERING, HYDRIC/WETLAND SEED MIX	AC	1,000	1,000	1,000	\$5,967.00	\$5,967.00
67	HYDRAULIC SEEDING, MULCHING AND WATERING, MESIC/XERIC SEED MIX	AC	2,400	2,400	2,400	\$5,967.08	\$14,320.99
68	SHRUB PLANTINGS, #5 CONTAINER	EACH	88,000	88,000	88,000	\$92.77	\$8,163.76
69	FILTER SOCK, INSTALLATION, MAINTENANCE, AND REMOVAL	LF	1,460,000	1,460,000	1,460,000	\$2.11	\$3,080.60
70	TEMPORARY ROLLED EROSION CONTROL PRODUCT (RECP), TYPE 1.B	SY	2,350,000	2,350,000	2,350,000	\$2.37	\$5,569.50
71	RIP RAP, CLASS B	TON	255,000	255,000	255,000	\$79.07	\$20,162.85

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
72	RIP RAP, CLASS E, 18" THICK	TON	800.000	800.000	800.000	\$79.07	\$63,256.00
73	REMOVE & REINSTALL RIP RAP, CLASS E, 18" THICK	SY	235.000	235.000	235.000	\$52.71	\$12,386.85
74	RIP RAP, CLASS D	TON	10.000	10.000	10.000	\$79.10	\$791.00
75	RIP RAP, 6" EROSION STONE	TON	180.000	180.000	180.000	\$89.61	\$16,129.80
76	SILT FENCE, INSTALLATION, MAINTENANCE, AND REMOVAL	LF	1,460.000	1,460.000	1,460.000	\$2.11	\$3,080.60
77	CHAIN LINK FENCE, BLACK VINYL COATED, 8' HEIGHT	LF	390.000	390.000	390.000	\$31.37	\$12,234.30
78	GATE, CHAIN LINK FENCE, BLACK VINYL COATED, 8' HEIGHT, 22' WIDE DOUBLE SWING	EACH	1.000	1.000	1.000	\$2,214.00	\$2,214.00
79	BARBED WIRE, TYPE I SLANTED SUPPORTING ARM	LF	414.000	414.000	414.000	\$2.11	\$873.54
80	REMOVE & REINSTALL CHAIN LINK FENCE, 5' HEIGHT	LF	107.000	107.000	107.000	\$18.98	\$2,030.86
81	ABANDON-EXISTING STORM WATER PUMP STATION, 1045 SE 9TH ST.	LS	1.000	1.000	1.000	\$42,647.00	\$42,647.00
82	MOBILIZATION	LS	1.000	1.000	1.000	\$813,408.00	\$813,408.00
83	TREE PLANTINGS, 2.5" B & B	EACH	31.000	31.000	31.000	\$710.58	\$22,027.98
84	TREE PROTECTION FENCE	LF	760.000	760.000	760.000	\$3.69	\$2,804.40
85	STORM WATER POLLUTION PREVENTION PLAN	LS	1.000	1.000	1.000	\$9,488.00	\$9,488.00
86	RELOCATE WATER SERVICE STOP BOX	EACH	1.000	1.000	1.000	\$2,636.00	\$2,636.00
87	RELOCATE WATER SERVICE	EACH	3.000	3.000	3.000	\$6,852.67	\$20,558.01
88	AIR RELEASE/VACUUM VALVE, 6"	EACH	3.000	3.000	3.000	\$21,981.33	\$65,943.99
89	BOLLARD, SCH 40, GALVANIZED, 4" DIA	EACH	4.000	4.000	4.000	\$1,145.25	\$4,581.00
90	LEEVE SEEPAGE RELIEF PIPE, TRENCHED, CPEP SLOTTED, 10"	LF	420.000	420.000	420.000	\$698.43	\$293,340.60
91	LEEVE SEEPAGE RELIEF PIPE, TRENCHED, CPEP, 12"	LF	201.000	201.000	201.000	\$514.48	\$103,410.48
92	LEEVE SEEPAGE RELIEF PIPE, TRENCHED, DIP, 12"	LF	3.000	3.000	3.000	\$838.00	\$2,514.00
93	SEEPAGE RELIEF CLEANOUT	EACH	1.000	1.000	1.000	\$3,057.00	\$3,057.00
94	FLOATING BALL CHECK VALVE	EACH	1.000	1.000	1.000	\$11,270.00	\$11,270.00
95	MANHOLE SR-1, LEEVE SEEPAGE RELIEF, PVC, 48" DIAMETER	EACH	1.000	1.000	1.000	\$7,274.00	\$7,274.00
96	MANHOLE SR-2, LEEVE SEEPAGE RELIEF, PVC, 24" DIAMETER	EACH	1.000	1.000	1.000	\$3,954.00	\$3,954.00
97	MANHOLE SR-3, LEEVE SEEPAGE RELIEF, PVC, 24" DIAMETER	EACH	1.000	1.000	1.000	\$3,954.00	\$3,954.00
98	PROJECT SIGN - STORM WATER	EACH	2.000	2.000	2.000	\$527.00	\$1,054.00
8001	SEEPAGE RELIEF CREDIT	LS	1.000	1.000	1.000	-\$200,316.74	(\$200,316.74)
8002	ADDITIONAL WATER MAIN PROTECTION AT ST-1	LS	1.000	1.000	1.000	\$73,704.40	\$73,704.40
8003	REPLACEMENT OF PUMP CORDS	LS	1.000	1.000	1.000	\$25,124.00	\$25,124.00
8004	REPAIR EXISTING PUMP STATION ELECTRICAL	LS	1.000	1.000	1.000	\$1,429.66	\$1,429.66
8005	ADDITIONAL WATER MAIN PROTECTIONS AT SE 9TH AND RAILROAD	LS	1.000	1.000	1.000	\$106,337.00	\$106,337.00
8006	ADDITIONAL ACCESS ROAD INSTALL AND REMOVE	LS	1.000	1.000	1.000	\$10,308.93	\$10,308.93
8007	ADDITIONAL REMOVALS OF EXISTING PUMP STATION	LS	1.000	1.000	1.000	\$57,250.93	\$57,250.93
8008	ADD BUILDING NUMBER AND KNOX BOX	LS	1.000	1.000	1.000	\$882.20	\$882.20
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$8,289,800.30				
PREVIOUS PAYMENTS			\$8,289,800.30				
THIS PARTIAL PAYMENT			\$0.00				
TOTAL PARTIAL PAYMENTS			\$8,289,800.30				
BALANCE			\$0.00				

TOTAL	\$8,289,800.30
RETAINAGE	\$0.00
TOTAL LESS RETAINAGE	\$8,289,800.30
LESS PREVIOUS PAYMENT	\$8,289,800.30
AMOUNT DUE	\$0.00

PREPARED BY: Scott Almeida

CHECKED BY: 

PARTIAL PAYMENT NO. 20