



Roll Call Number

Agenda Item Number

11A

DATE November 15, 2021

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 2020 GRAY'S LAKE SHORELINE REPAIR, 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 2020 Gray's Lake Shoreline Repair, 112021005, 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. 20-2164, of December 21, 2020, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

BE IT FURTHER RESOLVED: That \$237,495.65 is the total cost, of which \$230,370.78 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 \$7,124.87 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.

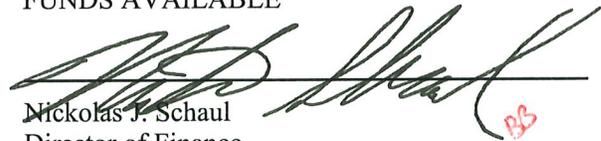
BE IT FURTHER RESOLVED: That the Director of Finance be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

sl Kathleen Vanderpool

Nickolas J. Schaul 

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLN
RW

Funding Source: 2021-2022 CIP, Page 68, Gray's Lake Park Improvements, PK140, G. O. Bonds, Being: \$49,826 in United States Department of Agriculture (USDA) for Emergency Watershed Protection (EWP) Program Funding (NR206114XXXXC037), and the remaining \$187,669.65 in GO. Bonds.



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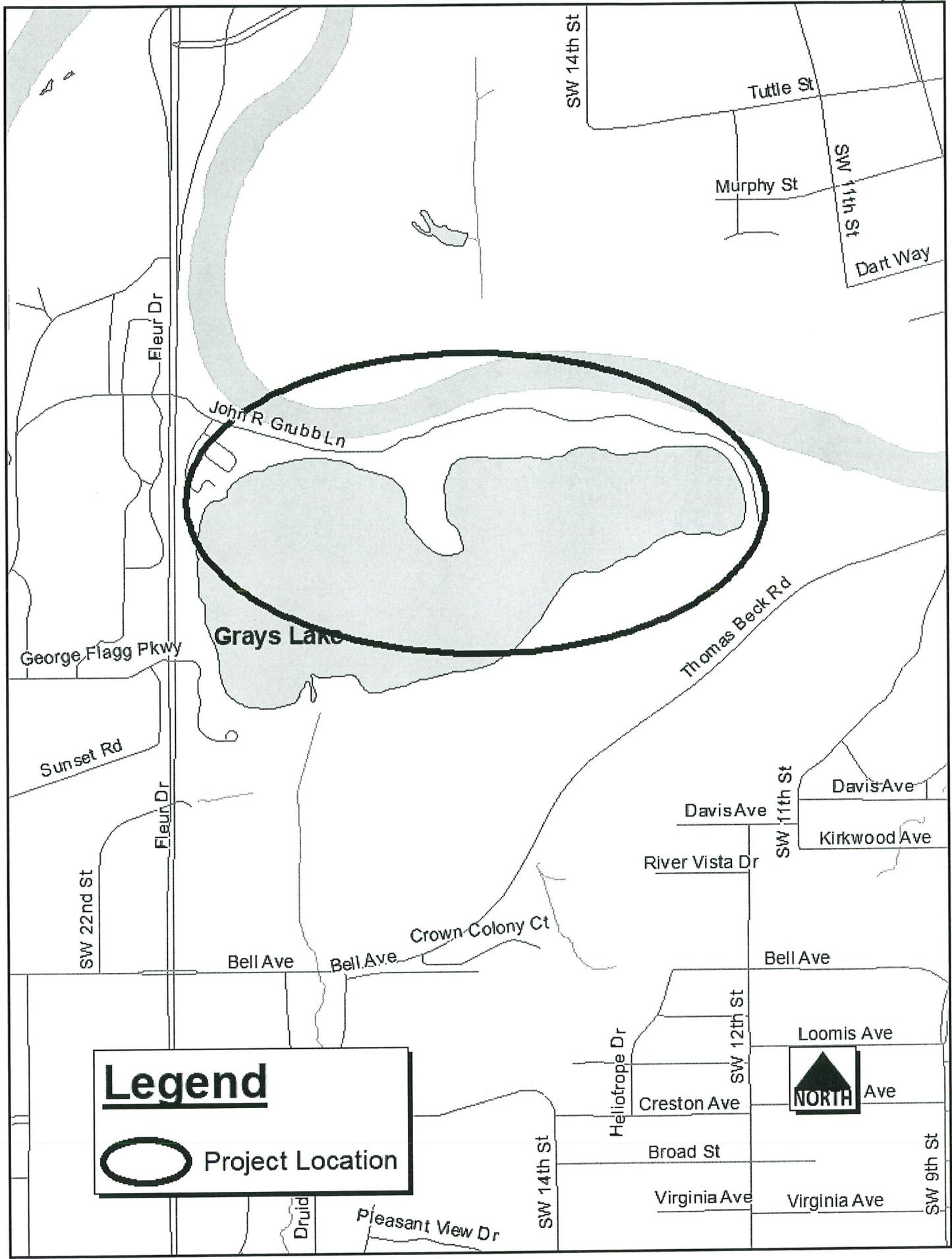
COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
WESTERGAARD				
GRAY				
BOESEN				
VOSS				
MANDELBAUM				
GATTO				
TOTAL				
MOTION CARRIED				APPROVED

I, P. Kay Cmelik, 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 Location





PROJECT SUMMARY

2020 Gray's Lake Shoreline Repair

Activity ID 112021005

On December 21, 2020, under Roll Call No. 20-2164, the Council awarded the contract for the above improvements to RW Excavating Solutions, LC, in the amount of \$225,587.50. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	9/14/2021 Added sheet pile reinforcement to storm sewer outlet, temporary hydromulch, exploratory test pits, and PCC pavement. Adjust contract quantities to match as-built quantities.	\$11,908.15
		Original Contract Amount	\$225,587.50
		Total Change Orders	\$11,908.15
		Percent of Change Orders to Original Contract	5.28%
		Total Contract Amount	\$237,495.65



November 15, 2021

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 2020 Gray's Lake Shoreline Repair, 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: \$237,495.65 As-Built Contract Cost

Funding Source: 2021-2022 CIP, Page 68, Gray's Lake Park Improvements, PK140, G. O. Bonds, Being: \$49,826 in United States Department of Agriculture (USDA) for Emergency Watershed Protection (EWP) Program Funding (NR206114XXXXC037), and the remaining \$187,669.65 in GO. Bonds.

CERTIFICATION OF COMPLETION:

On December 21, 2020, under Roll Call No. 20-2164, 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:

2020 Gray's Lake Shoreline Repair, 112021005

The improvement includes shoreline stabilization construction including bank grading and shaping, rip rap, sheet pile retaining wall, seeding, erosion control, restoration, and miscellaneous associated work including cleanup and other incidental items; all in accordance with the contract documents including Plan File Nos. 625-001/012, located along the shoreline of Gray's Lake, in Des Moines, Iowa

I hereby certify that the construction of said 2020 Gray's Lake Shoreline Repair, Activity ID 112021005, 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 December 28, 2020, and was completed on October 15, 2021.

I further certify that \$237,495.65 is the total cost of said improvement, of which \$230,370.78 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 \$7,124.87 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



ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 5/2/2021 to 9/30/2021
FINAL PAYMENT (PARTIAL PAYMENT NO. 5)

PROJECT: 2020 GRAY'S LAKE SHORELINE REPAIR
CONTRACTOR: RW Excavating

ACTIVITY ID: 11-2021-005
DATE: 10/15/2021

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
1	CLEARING AND GRUBBING	LS	1.00	1.00	1.00	0.00	\$ 4,000.00	\$4,000.00
2	TOPSOIL, OFFSITE	CY	550.00	580.00	580.00	0.00	\$ 20.00	\$11,600.00
3	EXCAVATION, CLASS 10	CY	550.00	550.00	550.00	0.00	\$ 15.00	\$8,250.00
4	TRENCH FOUNDATION	TON	60.00	70.51	70.51	0.00	\$ 40.00	\$2,820.40
5	STORM SEWER, REINFORCED CONCRETE PIPE (RCP), 18"	LF	8.00	12.00	12.00	0.00	\$ 200.00	\$2,400.00
6	REMOVAL OF STORM SEWER	LF	28.00	28.00	28.00	0.00	\$ 50.00	\$1,400.00
7	PIPE APRON, 18" RCP	EA	1.00	1.00	1.00	0.00	\$ 800.00	\$800.00
8	FOOTING FOR 18" RCP APRON	EA	1.00	1.00	1.00	0.00	\$ 1,200.00	\$1,200.00
9	MANHOLE, SW-401, 48"	EA	1.00	1.00	1.00	0.00	\$ 3,800.00	\$3,800.00
10	PAVEMENT REMOVAL	SY	16.00	107.72	107.72	0.00	\$ 25.00	\$2,693.00
11	TEMPORARY TRAFFIC CONTROL	LS	1.00	1.00	1.00	0.00	\$ 4,000.00	\$4,000.00
12	SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING, T	ACRE	0.20	0.20	0.20	0.00	\$ 6,000.00	\$1,200.00
13	SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING, N	ACRE	0.50	0.50	0.50	0.00	\$ 6,000.00	\$3,000.00
14	FILTER SOCKS, INSTALLATION	LF	1,500.00	1,500.00	1,500.00	0.00	\$ 3.00	\$4,500.00
15	FILTER SOCKS, REMOVAL	LF	1,500.00	1,500.00	1,500.00	0.00	\$ 0.50	\$750.00
16	TEMPORARY ROLLED EROSION CONTROL PRODUCTS (RECP), TYPE 3	SY	2,650.00	2,650.00	2,650.00	0.00	\$ 2.75	\$7,287.50
17	SOIL RIP RAP	TON	830.00	817.50	817.50	0.00	\$ 50.00	\$40,875.00
18	BOULDER STONE REVETMENT, 12"-30"	TON	200.00	272.65	272.65	0.00	\$ 100.00	\$27,265.00
19	STABILIZED CONSTRUCTION ENTRANCE	TON	200.00	36.54	36.54	0.00	\$ 40.00	\$1,461.60
20	MOBILIZATION	LS	1.00	1.00	1.00	0.00	\$ 23,000.00	\$23,000.00
21	IMPORTED BACKFILL	TON	200.00	214.37	214.37	0.00	\$ 35.00	\$7,502.95
22	PILES, STEEL SHEET	SF	2,130.00	2,174.90	2,174.90	0.00	\$ 30.00	\$65,247.00
23	TREE TRUNK PROTECTION	EA	12.00	6.00	6.00	0.00	\$ 300.00	\$1,800.00
24	TREE PROTECTION FENCING	LF	750.00	0.00	0.00	0.00	\$ 4.00	\$0.00
	Change Order Items							
101	Piles, Steel Sheet Reinforcement, both sides of 18" RCP Pipe and Apron	LS	0.00	1.00	1.00	0.00	\$ 3,000.00	\$3,000.00
102	Temporary Hydromulch	AC	0.00	0.41	0.41	0.00	\$ 4,000.00	\$1,640.00
103	Exploratory Test Pit Excavations	Hour	0.00	2.00	2.00	0.00	\$ 250.00	\$500.00
104	Pavement, PCC, 6"	SY	0.00	91.72	91.72	0.00	\$ 60.00	\$5,503.20

11A

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
	ORIGINAL CONTRACT AMOUNT		\$	225,587.50				
	TOTAL CHANGE ORDERS		\$	11,908.15				
	ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$	237,495.65				
	PARTIAL PAYMENT NO. 1		\$	136,864.28				
	PARTIAL PAYMENT NO. 2		\$	65,596.01				
	PARTIAL PAYMENT NO. 3		\$	14,634.88				
	PARTIAL PAYMENT NO. 4		\$	13,275.61				
	THIS PARTIAL PAYMENT		\$	-				
	TOTAL PARTIAL PAYMENTS		\$	230,370.78				
	BALANCE		\$	7,124.87				

PREPARED BY:

Tim Anderson

Project Inspector

CHECKED BY:

Joseph A. Eddy

Project Engineer

TOTAL	\$237,495.65
RETAINAGE	\$ 7,124.87
TOTAL LESS RETAINAGE	\$ 230,370.78
LESS PREVIOUS PAYMENT	\$ 230,370.78
AMOUNT DUE	\$ -

FINAL PAYMENT (PARTIAL PAYMENT NO. 5)