



Roll Call Number

Agenda Item Number

16 B

DATE June 27, 2022

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR MACRAE PARK SLOPE STABILIZATION RETAINING WALLS AT EMC OVERLOOK, PROGRESSIVE STRUCTURES, LLC

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 MacRae Park Slope Stabilization Retaining Walls at EMC Overlook, 112021009, in accordance with the contract approved between Progressive Structures, LLC, Travis Augustyn, Manager, 24412 Hwy. 13, Elkader, IA 52043, under Roll Call No. 21-1169, of July 19, 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 \$1,443,794.44 is the total cost, of which \$1,400,480.61 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 \$43,313.83 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 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

Kathleen Vanderpool

Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

Funding Source: 2022-23 CIP, Page 78, Park Infrastructure, PK175, Being: \$1,443,794.44 G.O. Bonds issued

Table with 5 columns: COUNCIL ACTION, YEAS, NAYS, PASS, ABSENT. Rows include COWNIE, BOESEN, GATTO, MANDELBAUM, SHEUMAKER, VOSS, WESTERGAARD, and TOTAL.

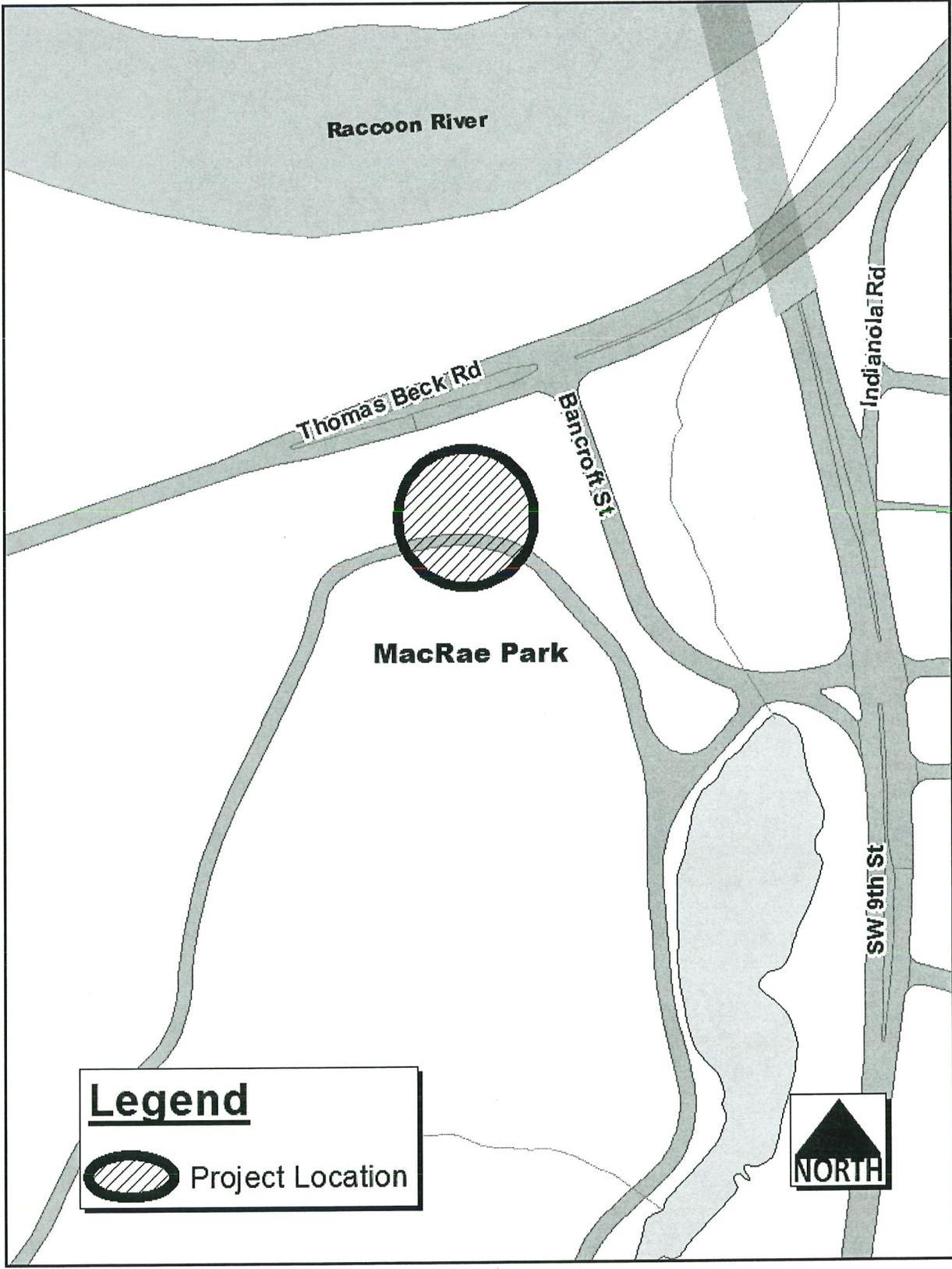
I, Laura Baumgartner, Acting City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

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

MOTION CARRIED APPROVED

Mayor

Acting City Clerk





16B

PROJECT SUMMARY

MacRae Park Slope Stabilization Retaining Walls at EMC Overlook

Activity ID 112021009

On July 19, 2021, under Roll Call No. 21-1169, the Council awarded the contract for the above improvements to Progressive Structures, LLC, in the amount of \$1,488,035.00. Tabulated below is a history of project change orders.

<u>Change Order No.</u>	<u>Initiated By</u>	<u>Description</u>	<u>Amount</u>
1	City	2/2/2022 Added manhole adjustment, erosion control matting, and traffic control signs. Adjust contract quantities to match as-built quantities.	\$(11,549.96)
2	City	5/18/2022 Adjusted contract quantities to match final as-built quantities.	\$(32,690.60)
Original Contract Amount			\$1,488,035.00
Total Change Orders			\$(44,240.56)
Percent of Change Orders to Original Contract			(2.97)%
Total Contract Amount			\$1,443,794.44



June 27, 2022

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the MacRae Park Slope Stabilization Retaining Walls at EMC Overlook, Progressive Structures, LLC.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$1,443,794.44 As-Built Contract Cost

Funding Source: 2022-23 CIP, Page 78, Park Infrastructure, PK175, Being: \$1,443,794.44 G.O. Bonds issued

CERTIFICATION OF COMPLETION:

On July 19, 2021, under Roll Call No. 21-1169, the City Council awarded a contract to Progressive Structures, LLC, Travis Augustyn, Manager, 24412 Hwy. 13, Elkader, IA 52043 for the construction of the following improvement:

MacRae Park Slope Stabilization Retaining Walls at EMC Overlook, 112021009

The improvement includes clearing and grubbing, excavation, Portland Cement Concrete (PCC) cast-in-place retaining walls with rock anchor tie-backs, rock backfill, storm sewer, storm intakes, subdrain, PCC curb and gutter, PCC pavement patches, Hot Mix Asphalt (HMA), pavement scarification, railing, fencing, surface restoration and other incidental items; all in accordance with the contract documents, including Plan File Nos. 630-001/028, located in MacRae Park, 1021 Davis Avenue, Des Moines, Iowa

I hereby certify that the construction of said MacRae Park Slope Stabilization Retaining Walls at EMC Overlook, Activity ID 112021009, 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 August 2, 2021, and was completed on May 6, 2022.

I further certify that \$1,443,794.44 is the total cost of said improvement, of which \$1,400,480.61 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 \$43,313.83 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 01/21/22 to 05/10/22
FINAL PAYMENT (PARTIAL PAYMENT NO. 6)**

PROJECT: MACRAE PARK SLOPE STABILIZATION RETAINING WALLS AT EMC OVERLOOK
CONTRACTOR: Progressive Structures, LLC

ACTIVITY ID: 11-2021-009
DATE: 5/10/2022

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
1	CLEARING AND GRUBBING	AC	0.10	0.10	0.10	0.00	\$ 4,000.00	\$400.00
2	TOPSOIL, OFF-SITE	CY	2,470.00	2,470.00	2,470.00	0.00	\$ 32.00	\$79,040.00
3	EXCAVATION, CLASS 20	CY	2,740.00	2,740.00	2,740.00	0.00	\$ 25.00	\$68,500.00
4	SUBBASE, MODIFIED SUBBASE	TON	2,300.00	336.88	336.88	0.00	\$ 40.00	\$13,475.20
5	ROCK EXCAVATION	CY	460.00	460.00	460.00	0.00	\$ 72.00	\$33,120.00
6	WALL BACKFILL, 3" CLEAN	CY	1,135.00	993.52	993.52	0.00	\$ 45.00	\$44,708.40
7	STORM SEWER, TRENCHED, HDPE, 15"	LF	94.00	94.00	94.00	0.00	\$ 135.00	\$12,690.00
8	STORM SEWER, TRENCHED, RCP, 15"	LF	28.00	28.00	28.00	0.00	\$ 255.00	\$7,140.00
9	SUBDRAIN, 8"	LF	1,000.00	1,273.00	1,273.00	0.00	\$ 36.00	\$45,828.00
10	INTAKE, SW-505	EACH	2.00	2.00	2.00	0.00	\$ 9,000.00	\$18,000.00
11	INTAKE, SW-509	EACH	1.00	1.00	1.00	0.00	\$ 10,200.00	\$10,200.00
12	INTAKE, SW-512, 24"	EACH	1.00	1.00	1.00	0.00	\$ 3,200.00	\$3,200.00
13	CONNECTION TO EXISTING INTAKE	EACH	5.00	5.00	5.00	0.00	\$ 2,400.00	\$12,000.00
14	CURB AND GUTTER, 2.0', PCC, 10"	LF	922.00	819.00	819.00	0.00	\$ 40.00	\$32,760.00
15	CONCRETE MEDIAN	SY	346.00	181.04	181.04	0.00	\$ 75.00	\$13,578.00
16	HMA OVERLAY	TON	170.00	227.41	227.41	0.00	\$ 95.00	\$21,603.95
17	FULL DEPTH PATCHES, PCC	SY	66.00	91.00	91.00	0.00	\$ 130.00	\$11,830.00
18	MILLING	SY	1,232.00	1,550.67	1,550.67	0.00	\$ 7.00	\$10,854.69
19	PAVEMENT REMOVAL, MEDIAN, PCC	SY	81.00	181.04	181.04	0.00	\$ 30.00	\$5,431.20
20	CURB AND GUTTER REMOVAL	LF	922.00	803.00	803.00	0.00	\$ 28.00	\$22,484.00
21	ENGINEERING FABRIC	SY	1,000.00	1,060.00	1,060.00	0.00	\$ 5.00	\$5,300.00
22	TEMPORARY TRAFFIC CONTROL	LS	1.00	1.00	1.00	0.00	\$ 9,500.00	\$9,500.00
23	SEEDING, FERTILIZING, AND MULCHING	AC	0.60	1.36	1.36	0.00	\$ 4,350.00	\$5,916.00
24	FILTER SOCK, 12"	LF	100.00	680.00	680.00	0.00	\$ 4.00	\$2,720.00
25	SILT FENCE	LF	200.00	0.00	0.00	0.00	\$ 4.00	\$0.00
26	RAILING (CUSTOM EMC OVERLOOK RAILING)	LF	336.00	336.00	336.00	0.00	\$ 380.00	\$127,680.00
27	TEMPORARY SAFETY FENCE, 72"	LF	124.00	124.00	124.00	0.00	\$ 12.50	\$1,550.00
28	REINFORCED CONCRETE RETAINING WALL	CY	255.00	255.00	255.00	0.00	\$ 1,400.00	\$357,000.00
29	ROCK ANCHOR	EACH	210.00	207.00	207.00	0.00	\$ 1,900.00	\$393,300.00
30	MOBILIZATION	LS	1.00	1.00	1.00	0.00	\$ 35,000.00	\$35,000.00
31	CONCRETE WASHOUT	LS	1.00	1.00	1.00	0.00	\$ 500.00	\$500.00
32	TREE PROTECTION FENCE	LF	300.00	300.00	300.00	0.00	\$ 4.00	\$1,200.00

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
	Change Order Items							
101	Additional Temporary Traffic Control Signage	LS	0.00	1.00	1.00	0.00	\$ 1,375.00	
102	Manhole Adjustment, Major	EACH	0.00	1.00	1.00	0.00	\$ 3,000.00	
103	Erosion Control Matting, Installation	SY	0.00	6,582.00	6,582.00	0.00	\$ 5.00	
	ORIGINAL CONTRACT AMOUNT		\$ 1,488,035.00					
	TOTAL CHANGE ORDERS		\$ (44,240.56)					
	ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$ 1,443,794.44					
	PARTIAL PAYMENT NO. 1		\$ 776,795.40					
	PARTIAL PAYMENT NO. 2		\$ 145,162.68					
	PARTIAL PAYMENT NO. 3		\$ 364,338.06					
	PARTIAL PAYMENT NO. 4		\$ 78,018.02					
	PARTIAL PAYMENT NO. 5		\$ 36,166.45					
	THIS PARTIAL PAYMENT		\$ -					
	TOTAL PARTIAL PAYMENTS		\$ 1,400,480.61					
	BALANCE		\$ 43,313.83					

PREPARED BY:

Alisha Markuson

Project Inspector

CHECKED BY:

Joseph A. Ely

Project Engineer

TOTAL	\$ 1,443,794.44
RETAINAGE	\$ 43,313.83
TOTAL LESS RETAINAGE	\$ 1,400,480.61
LESS PREVIOUS PAYMENT	\$ 1,400,480.61
AMOUNT DUE	\$ -

FINAL PAYMENT (PARTIAL PAYMENT NO. 6)