

Agenda Item Number



DATE September 12, 2022

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR BILL RILEY TRAIL REPAIR AT THE IOWA INTERSTATE RAILROAD BRIDGE, 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 Bill Riley Trail Repair at the Iowa Interstate Railroad Bridge, 112020004, 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. 20-1729, of October 19, 2020, 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 \$509,481.67 is the total cost, of which \$494,197.22 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 \$15,284.45 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.

adopt. Second by

FORM APPROVED:

s/Kathleen Vanderpool

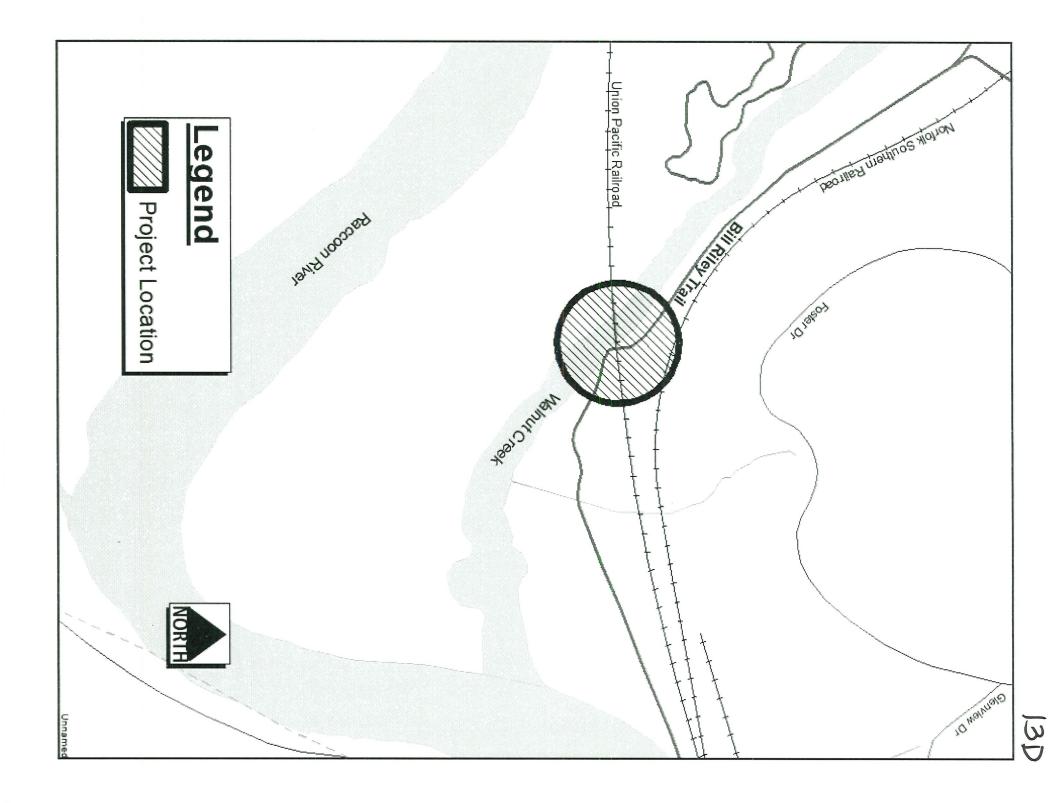
Kathleen Vanderpool Deputy City Attorney FUNDS AVAILABLE

Nickolas J. Schaul Director of Finance

Funding Source: 2022-23 CIP, Page 69, Multi-Use Trails, PK045, Being: Anticipated Original FEMA funding \$75,295.48, Anticipated Hidden Cost FEMA funding \$180,007.35, Anticipated Improved Cost FEMA funding \$168,818.25, and the remaining \$85,360.59 in G.O. Bonds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT	I, Laura Baumgartner, City Clerk of said City
COWNIE					Council, hereby certify that at a meeting of the
BOESEN					City Council, held on the above date, among
GATTO					other proceedings the above was adopted.
MANDELBAUM					IN WITNESS WHEREOF, I have hereunto set
SHEUMAKER	-				my hand and affixed my seal the day and year
VOSS					first above written.
WESTERGAARD					
TOTAL	_				
MOTION CARRIED				APPROVED	
				Maria	r City Clark







PROJECT SUMMARY

Bill Riley Trail Repair at the Iowa Interstate Railroad Bridge Activity ID 112020004

On October 19, 2020, under Roll Call No. 20-1729, the Council awarded the contract for the above improvements to RW Excavating Solutions, LC, in the amount of \$354,342.82. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	9/2/2021	\$48,673.15
		Added IAIS railroad engineering services and railroad traprotection flagging services.	ack
2	City	9/14/2021	\$49,726.27
		Added sheet pile material cost, temporary wood barrier v additional signage and chain link fence, and clean out of existing culverts.	
3	City	10/19/2021	\$40,469.94
		Added sheet pile drop hammer, rebar reinforcement to tra additional abutment survey monitoring, trail access modifications, overhead wire mesh protection and seedin revisions, chain link fence modifications, temporary eros control, and adjusted contract quantities to match as-buil quantities. Modified contract start and completion dates.	ng tion t
4	City	10/19/2021	\$16,269.49
		Added IAIS railroad engineering services.	
		Original Contract Amount	\$354,342.82
		Total Change Orders	\$155,138.85
		Percent of Change Orders to Original Contract	43.78%
		Total Contract Amount	\$509,481.67



September 12, 2022

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Bill Riley Trail Repair at the Iowa Interstate Railroad Bridge, 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: \$509,481.67 As-Built Contract Cost

<u>Funding Source</u>: 2022-23 CIP, Page 69, Multi-Use Trails, PK045, Being: Anticipated Original FEMA funding \$75,295.48, Anticipated Hidden Cost FEMA funding \$180,007.35, Anticipated Improved Cost FEMA funding \$168,818.25, and the remaining \$85,360.59 in G.O. Bonds

CERTIFICATION OF COMPLETION:

On October 19, 2020, under Roll Call No. 20-1729, 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:

Bill Riley Trail Repair at the Iowa Interstate Railroad Bridge, 112020004

The improvement includes repairing the Bill Riley Trail at the Iowa Interstate Railroad Bridge including clearing and grubbing, bank grading and shaping, rip rap, steel sheet pile, 6-inch Portland Cement Concrete (PCC) pavement, chain link fence, 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. 619-224/244, located in Des Moines Water Works Park along the bank of Walnut Creek, in Des Moines, Iowa

I hereby certify that the construction of said Bill Riley Trail Repair at the Iowa Interstate Railroad Bridge, Activity ID 112020004, 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 1, 2021, and was completed on October 21, 2021.

I further certify that \$509,481.67 is the total cost of said improvement, of which \$494,197.22 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 \$15,284.45 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.

Han 2 Maber put

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

ENGINEERING DEPARTMENT CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED FOR WORK DONE FROM 08/16/21 to 09/30/21 FINAL PAYMENT (PARTIAL PAYMENT NO. 4)

PROJECT: BILL RILEY TRAIL REPAIR AT THE IOWA INTERSTATE RAILROAD BRIDGE CONTRACTOR: RW Excavating

ACTIVITY ID: 11-2020-004 DATE: 10/21/2021

			QUANTITIES					
					CONSTRUCTED	CONSTRUCTED		
ITEM NO.	DESCRIPTION	UNIT	ESTIMATED	AUTHORIZED	TO DATE	THIS PERIOD	UNIT PRICE	TOTAL AMOUNT
11	CLEARING AND GRUBBING	ACRE	0.20	0.20	0.20	0.00		\$2,000.00
2	EXCAVATION, CLASS 10	CY	630.00	580.00	580.00	0.00		\$13,340.00
3	MODIFIED SUBBASE	SY	600.00	525.50	525.50	0.00		\$3,100.45
4	SUBDRAIN, PERFORATED PLASTIC PIPE, 4 IN. DIA.	LF	225.00	434.00	434.00	0.00		\$8,680.00
5	REMOVAL OF SHARED USE PATH	SY	390.00	390.00	390.00	0.00		\$7,800.00
6	SHARED USE PATH, PCC, 6"	SY	575.00	491.11	491.11	0.00	\$ 55.00	\$27,011.05
7	TEMPORARY TRAFFIC CONTROL	LS	1.00	1.00	1.00	0.00	\$ 9,500.00	\$9,500.00
8	SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING, T	ACRE	0.30	0.00	0.00	0.00	\$ 10,000.00	\$0.00
9	FILTER SOCK, 12 IN. DIA.	LF	350.00	200.00	200.00	0.00	\$ 4.00	\$800.00
10	REMOVAL OF FILTER SOCK	LF	350.00	200.00	200.00	0.00	\$ 1.00	\$200.00
11	RIP RAP, CLASS E	TON	230.00	416.72	416.72	0.00	\$ 55.00	\$22,919.60
12	EROSION CONTROL MULCHING, HYDROMULCHING	ACRE	0.30	0.00	0.00	0.00	\$ 4,500.00	\$0.00
13	CHAIN LINK FENCE, 72 IN. HEIGHT	LF	300.00	307.00	307.00	0.00	\$ 68.45	\$21,014.15
14	STEEL PIPE PEDESTRIAN HAND RAIL	LF	230.00	230.00	230.00	0.00	\$ 107.69	\$24,768.70
15	MOBILIZATION	LS	1.00	1.00	1.00	0.00	\$ 32,000.00	\$32,000.00
16	REMOVALS, AS PER PLAN	LS	1.00	1.00	1.00	0.00	\$ 10,000.00	\$10,000.00
17	GRANULAR BACKFILL	TON	290.00	414.25	414.25	0.00	\$ 25.00	\$10,356.25
18	PILES, STEEL SHEET	SF	4,388.00	4,388.00	4,388.00	0.00	\$ 30.99	\$135,984.12
19	OVERHEAD WIRE MESH PROTECTION	SF	60.00	0.00	0.00	0.00	\$ 110.00	\$0.00
20	RAILROAD PROVISIONS	LS	1.00	1.00	1.00	0.00	\$ 23,000.00	\$23,000.00
21	TREE PROTECTION FENCING	LF	500.00	0.00	0.00	0.00	\$ 4.00	\$0.00
	Change Order Items							
101	IAIS - Benesch Railroad Engineering from 2/22/21 to 5/2/21	LS	0.00	1.00	1.00	0.00	\$ 2,437.40	\$2,437.40
102	IAIS - NRSS Railroad Track Protection from 6/1/21 to 7/14/21	LS	0.00	1.00	1.00	0.00	\$ 46,235.75	\$46,235.75
201	Additional Sheet Pile Material Cost due to City Delay	LS	0.00	1.00	1.00	0.00	\$ 30,336.82	\$30,336.82
202	Temporary Wood Framed Barrier Wall	LS	0.00	1.00	1.00	0.00	\$ 13,642.45	\$13,642.45
203	Additional Signage for Trail Reduction Lane Usage	LS	0.00	1.00	1.00	0.00	\$ 852.50	\$852.50
204	Temporary Chain Link Fence, 72 in height	LF	0.00	150.00	150.00	0.00	\$ 16.88	\$2,532.00
205	Additional 5 Trail Closed Custom Signs	LS	0.00			0.00		\$2,062.50
206	Clean Out of Existing Trail Culverts	EACH	0.00	2.00	2.00			\$300.00
301	Sheet Pile Drop Hammer Requested by City	LS	0.00			0.00		\$500.00
302	Chain Link Fence, Additional Brace Modifications	LS	0.00			0.00		\$1,311.73

			QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD	UNIT PRICE	TOTAL AMOUNT
303	Added Longitudinal Rebar Reinforcement to Trail	LS	0.00		1.00	0.00		TOTAL AMOUNT
304	Additional Abutment Survey Monitoring by Snyder	LS	0.00		1.00	0.00	1	\$874.26
	Access Modifications for Concrete Trail Placement	EACH	0.00		2.00	0.00		\$5,004.05 \$4,000.00
306	Overhead Wire Mesh Protection Revision	SF	0.00		552.00		1 -/	\$10,598.40
307	Temporary RECP, Type 1	SY	0.00				1	\$10,398.40
308	Seeding, Fertilizing, and Mulching for Hydraulic Seeding, Type 1	ACRE	0.00	3.46	3.46			\$17,300.00
401	IAIS - Benesch Railroad Engineering from 5/3/21 to 8/1/21	LS	0.00	1.00				\$16,269.49
							+ =0,=00110	\$10,205.45
	ORIGINAL CONTRACT AMOUNT		\$ 354,342.82					
	TOTAL CHANGE ORDERS		\$ 155,138.85					
	ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$ 509,481.67					
PARTIAL PAYMENT NO. 1			\$ 318,304.02					
PARTIAL PAYMENT NO. 2			\$ 71,876.03					
PARTIAL PAYMENT NO. 3			\$ 104,017.17					
THIS PARTIAL PAYMENT			\$ -					
	TOTAL PARTIAL PAYMENTS		\$ 494,197.22					
	BALANCE		\$ 15,284.45					
						TOTAL		\$509.481.67

PREPARED BY:

CHECKED BY:

Paul Prentice Project Inspector

arel

Project Engineer

TOTAL	\$509,481.67
RETAINAGE	\$ 15,284.45
TOTAL LESS RETAINAGE	\$ 494,197.22
LESS PREVIOUS PAYMENT	\$ 494,197.22
AMOUNT DUE	\$ -

FINAL PAYMENT (PARTIAL PAYMENT NO. 4)