



Roll Call Number

Agenda Item Number

13 C

DATE February 21, 2022

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 2021 BRIDGE AND CULVERT REPAIR, MINTURN, 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 2021 Bridge and Culvert Repair, 122019002, in accordance with the contract approved between Minturn, Inc., Clinton M. Rhoads, President, 144 W. Front Street, Brooklyn, IA 52211, under Roll Call No. 21-0230, of February 8, 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 \$462,205.40 is the total cost, of which \$448,339.24 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 \$13,866.16 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.

FORM APPROVED:

s/Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE

Nickolas J. Schaul

Nickolas J. Schaul
Director of Finance

Funding Source: 2021-2022 CIP, Page 19, City-wide Bridges, BR003, Gaming Monies, Being: \$316,560.40 in Gaming Funds, and the remaining \$145,645 transferred from SM057 in Storm Water Utility Funds

SLN pw

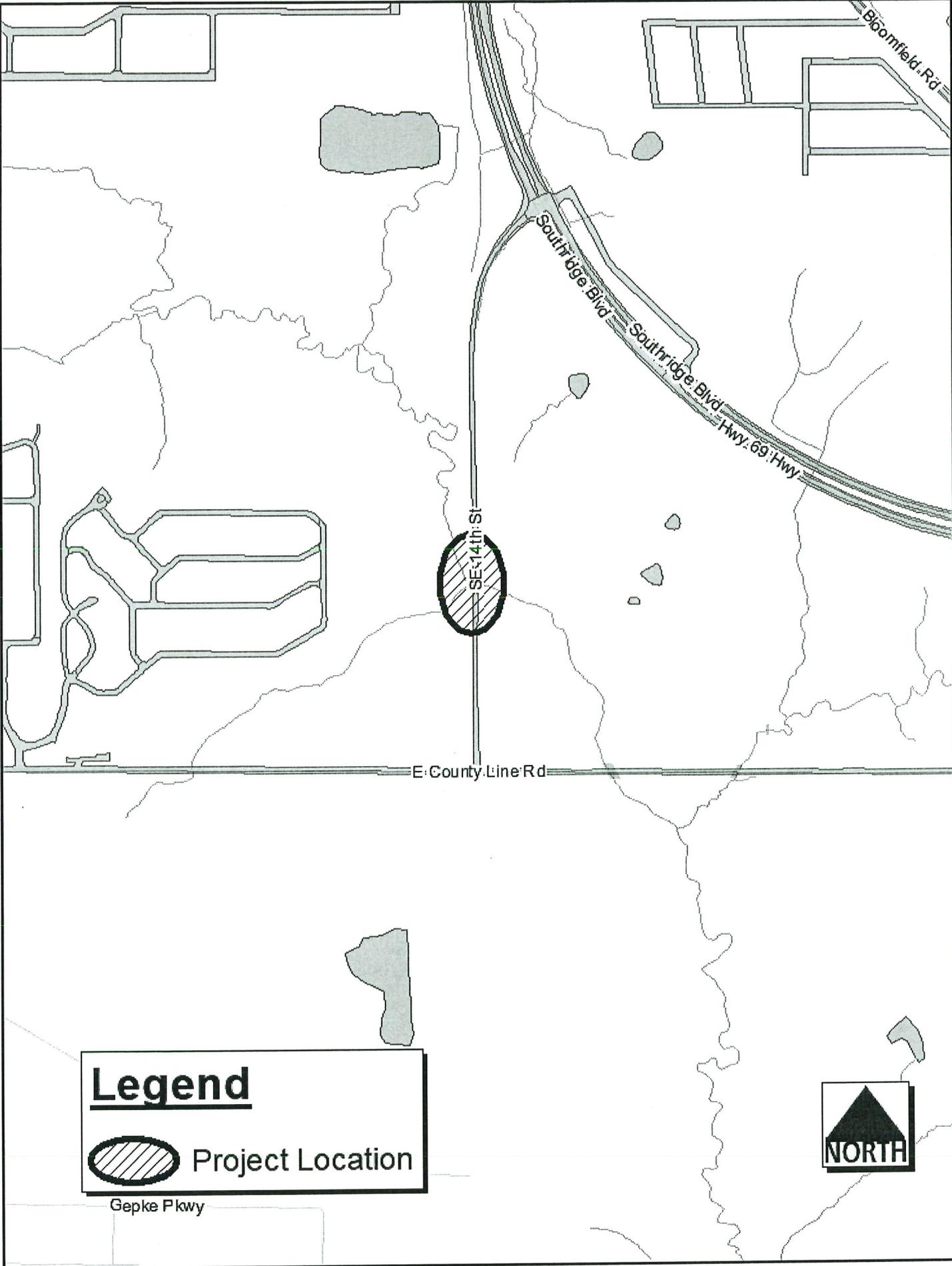
COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
MANDELBAUM				
SHEUMAKER				
VOSS				
WESTERGAARD				
TOTAL				

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.

MOTION CARRIED APPROVED

Mayor City Clerk



Legend

 Project Location

Gepke Pkwy



PROJECT SUMMARY

2021 Bridge and Culvert Repair

Activity ID 122019002

On February 8, 2021, under Roll Call No. 21-0230, the Council awarded the contract for the above improvements to Minturn, Inc., in the amount of \$244,475.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	4/30/2021 Add to repair fabric top tie-downs.	\$6,550.00
2	Engineering	8/23/2021 Change Order No. 2 includes adjustments to as-built quantities, as well as adjustments for additional bridge deck repairs and credit for material not used at the culvert location. At the Martin Luther King Jr. Bridge over Raccoon River, new abutment armoring, and slope protection is being constructed at the north abutment of the northbound and southbound bridges. Continued illicit activity under the bridge has degraded the abutment berms causing the existing macadam stone slope protection to be eroded with the concrete abutments close to being undermined. The grouted slope protection will protect the bridge abutment berm from additional degradation and discourage future activity at this location.	\$125,890.00
3	Engineering	11/15/2021 To perform emergency erosion and stabilization repairs at SE 14th Street Bridge pursuant to City Engineer's certification for emergency repair and City Manager's finding of necessity to institute emergency proceedings.	\$98,900.00
4	Engineering	2/2/2022 Final change order adjusting quantities to final as-built quantities.	\$(13,609.60)
Original Contract Amount			\$244,475.00
Total Change Orders			\$217,730.40
Percent of Change Orders to Original Contract			89.06%
Total Contract Amount			\$462,205.40

130



February 21, 2022

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 2021 Bridge and Culvert Repair, Minturn, Inc.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$462,205.40 As-Built Contract Cost

Funding Source: 2021-2022 CIP, Page 19, City-wide Bridges, BR003, Gaming Monies, Being: \$316,560.40 in Gaming Funds, and the remaining \$145,645 transferred from SM057 in Storm Water Utility Funds

CERTIFICATION OF COMPLETION:

On February 8, 2021, under Roll Call No. 21-0230, the City Council awarded a contract to Minturn, Inc., Clinton M. Rhoads, President, 144 W. Front Street, Brooklyn, IA 52211 for the construction of the following improvement:

2021 Bridge and Culvert Repair, 122019002

The improvement includes various repairs to four bridges and one concrete box culvert. The repairs include standard concrete repairs to spalled and delaminated concrete, beam and bearing repairs, bridge cleaning and concrete sealer, removal and replacement of a concrete culvert floor, and miscellaneous work including cleanup and other incidental items; all in accordance with the contract documents including Plan File Nos. 625-013/022, at the following locations: Martin Luther King Jr. Parkway over the Raccoon River, S.E. 6th Street over the Des Moines River, 2nd Avenue over the Des Moines River, University Avenue over the Des Moines River, and under the S.E. 6th & Hartford Avenue intersection in Des Moines, Iowa

I hereby certify that the construction of said 2021 Bridge and Culvert Repair, Activity ID 122019002, 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 February 22, 2021, and was completed on January 7, 2022.

I further certify that \$462,205.40 is the total cost of said improvement, of which \$448,339.24 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 \$13,866.16 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 12/11/21 to 1/7/22
PARTIAL PAYMENT NO. 9 - FINAL

PROJECT: 2021 BRIDGE AND CULVERT REPAIR
CONTRACTOR: Minturn, Inc.

ACTIVITY ID: 12-2019-002
DATE: 1/7/2022

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
1	Modified Subbase	CY	25.00	9.20	9.20	0.00	\$ 150.00	\$1,380.00
2	Structural Concrete (RCB Culvert)	CY	41.70	41.10	41.10	0.00	\$ 1,250.00	\$51,375.00
3	Reinforcing Steel	LB	2,350.00	4,523.00	4,523.00	0.00	\$ 5.00	\$22,615.00
4	Beam Repair, As Per Plan	SF	15.00	12.50	12.50	0.00	\$ 300.00	\$3,750.00
5	Partial Depth Bridge Deck Finish Patch	SF	18.00	18.00	18.00	0.00	\$ 500.00	\$9,000.00
6	Concrete Repair	SF	24.50	33.40	33.40	0.00	\$ 300.00	\$10,020.00
7	Traffic Control	LS	1.00	1.00	1.00	0.00	\$ 5,000.00	\$5,000.00
8	Mobilization	LS	1.00	1.00	1.00	0.00	\$ 24,000.00	\$24,000.00
9	Neoprene Bearing Repair	EACH	4.00	3.00	3.00	0.00	\$ 1,000.00	\$3,000.00
10	Culvert Floor Removal	LF	150.00	148.00	148.00	0.00	\$ 250.00	\$37,000.00
11	Epoxy Crack Injection	LF	20.00	0.00	0.00	0.00	\$ 100.00	\$0.00
12	Bridge Cleaning	LS	1.00	1.00	1.00	0.00	\$ 5,000.00	\$5,000.00
13	Concrete Sealer	LS	1.00	1.00	1.00	0.00	\$ 10,000.00	\$10,000.00
14	Culvert Dewatering and By-Pass Pumping	LS	1.00	1.00	1.00	0.00	\$ 28,500.00	\$28,500.00
15	Future Possible Repairs, Allowance	LS	1.00	0.00	0.00	0.00	\$ 40,000.00	\$0.00
Change Order Items								
CO#1								
1.00	ADD TO REPAIR WINCHES	LS	1.00	1.00	1.00	0.00	\$ 6,550.00	\$6,550.00
CO#2								
2001	MATERIAL DEDUCT - RCB STRUCTURAL CONCRETE	CY	7.60	7.60	7.60	0.00	\$ (150.00)	(\$1,140.00)
2002	ADDITIONAL REPAIRS	UNITS	40,000.00	26,030.00	26,030.00	0.00	\$ 1.00	\$26,030.00
2003	PARTIAL DEPTH BRIDGE DECK FINISH PATCH, ADDITIONAL	SF	48.20	48.20	48.20	0.00	\$ 325.00	\$15,665.00
2004	TRAFFIC CONTROL, ADDITIONAL	LS	1.00	1.00	1.00	0.00	\$ 2,000.00	\$2,000.00
2005	SEEDING, FERTILIZING, AND MULCHING	LS	1.00	1.00	1.00	0.00	\$ 3,000.00	\$3,000.00
2006	MACADAM STONE	TON	60.00	68.95	68.95	0.00	\$ 35.00	\$2,413.25
2007	GABION STONE	TON	110.00	107.88	107.88	0.00	\$ 40.00	\$4,315.20
2008	CONCRETE GROUT FOR GABION STONE	CY	20.00	14.00	14.00	0.00	\$ 165.00	\$2,310.00
2009	ABUTMENT SLOPE PREPARATION AND RESTORATION	LS	1.00	1.00	1.00	0.00	\$ 90,400.00	\$90,400.00
CO#3								
3001	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	6.00	6.00	6.00	0.00	\$ 100.00	\$600.00
3002	TRAFFIC CONTROL	LS	1.00	1.00	1.00	0.00	\$ 2,000.00	\$2,000.00
3003	SEEDING, FERTILIZING, AND MULCHING	LS	1.00	1.00	1.00	0.00	\$ 3,000.00	\$3,000.00
3004	GABION STONE	TON	40.00	36.23	36.23	0.00	\$ 40.00	\$1,449.20
3005	EXCAVATION, CLASS 10, CHANNEL	CY	200.00	168.00	168.00	0.00	\$ 15.00	\$2,520.00
3006	REVTMENT, CLASS E	TON	110.00	148.95	148.95	0.00	\$ 45.00	\$6,702.75
3007	EMBANKMENT REPAIR	LS	1.00	1.00	1.00	0.00	\$ 83,750.00	\$83,750.00

130

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
	ORIGINAL CONTRACT AMOUNT		\$	244,475.00				
	TOTAL CHANGE ORDERS		\$	217,730.40				
	ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$	462,205.40				
	THIS PARTIAL PAYMENT		\$	-				
	PARTIAL PAYMENT No. 1		\$	136,013.40				
	PARTIAL PAYMENT No. 2		\$	91,936.60				
	PARTIAL PAYMENT No. 3		\$	8,982.20				
	PARTIAL PAYMENT No. 4		\$	2,197.05				
	PARTIAL PAYMENT No. 5		\$	97,968.50				
	PARTIAL PAYMENT No. 6		\$	12,319.00				
	PARTIAL PAYMENT No. 7		\$	89,215.75				
	PARTIAL PAYMENT No. 8		\$	9,706.74				
	TOTAL PARTIAL PAYMENTS		\$	448,339.24				
	BALANCE		\$	13,866.16				
	APPROXIMATE PERCENT COMPLETE			100.0%				

PREPARED BY:

Andy Williamson

Project Inspector

CHECKED BY:

Frank R. Cole

Project Engineer

CONTRACTOR APPROVED:

[Signature]
Minturn, Inc.

TOTAL	\$	462,205.40
RETAINAGE	\$	13,866.16
TOTAL LESS RETAINAGE	\$	448,339.24
LESS PREVIOUS PAYMENT	\$	448,339.24
AMOUNT DUE	\$	-

PARTIAL PAYMENT NO. 9 - FINAL