



**Roll Call Number**

**Agenda Item Number**

12 B

DATE February 6, 2023

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR DES MOINES RIVER LEVEE ALTERATIONS PHASE A, CORELL CONTRACTOR, 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 Des Moines River Levee Alterations Phase A, 082019002, in accordance with the contract approved between Corell Contractor, Inc., Grant S. Corell, President, 1300 Lincoln Street, West Des Moines, IA 50265, under Roll Call No. 20-1295, of August 5, 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 \$2,650,508.50 is the total cost, of which \$2,650,508.50 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

Kathleen Vanderpool  
Deputy City Attorney

Nickolas J. Schaul BB

Nickolas J. Schaul  
Director of Finance

SLN  
PW

Funding Source: 2022-23 CIP, Page 106, Flood Mitigation Improvements, SM087, Being: Sales Tax Increment

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

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.

MOTION CARRIED APPROVED

Mayor

City Clerk





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## PROJECT SUMMARY

### Des Moines River Levee Alterations Phase A

#### Activity ID 082019002

On August 5, 2020, under Roll Call No. 20-1295, the Council awarded the contract for the above improvements to Corell Contractor, Inc., in the amount of \$2,606,976.90. Tabulated below is a history of project change orders.

<b>Change Order No.</b>	<b>Initiated By</b>	<b>Description</b>	<b>Amount</b>
1	Contractor	11/3/2021 Addition of railroad insurance, concrete banding adjacent to trial, WRA manhole structure, combined side walk & retaining wall, floodwall & gatewell raise modifications, miscellaneous items including quantity adjustments, and contract completion date change.	\$29,152.10
2	Engineering	9/13/2022 Addition of fence end post relocation and adjustment of quantities to the as-built quantities.	\$5,935.00
3	Engineering	11/10/2022 Addition of excavation and restoration work at the USACE railroad closure structure on the west side of the Des Moines River.	\$8,444.50
<b>Original Contract Amount</b>			\$2,606,976.90
<b>Total Change Orders</b>			\$43,531.60
<b>Percent of Change Orders to Original Contract</b>			1.67%
<b>Total Contract Amount</b>			\$2,650,508.50

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February 6, 2023

**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the Des Moines River Levee Alterations Phase A, Corell Contractor, Inc..

**SYNOPSIS:**

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

**FISCAL IMPACT:**

Amount: \$2,650,508.50 As-Built Contract Cost

Funding Source: 2022-23 CIP, Page 106, Flood Mitigation Improvements, SM087, Being: Sales Tax Increment

**CERTIFICATION OF COMPLETION:**

On August 5, 2020, under Roll Call No. 20-1295, the City Council awarded a contract to Corell Contractor, Inc., Grant S. Corell, President, 1300 Lincoln Street, West Des Moines, IA 50265 for the construction of the following improvement:

Des Moines River Levee Alterations Phase A, 082019002

The improvement includes earthen levee raise, earthwork, excavation, cast-in-place T-wall, cast-in-place floodwall raises, gatewell structural modifications, stoplog closures, revetment, Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) pavement, sanitary sewer abandonment, erosion control, seeding, other incidental items and miscellaneous associated work including cleanup; all in accordance with the contract documents, including Plan File Nos. 618-201/274, with improvements located along the Des Moines River from the confluence of the Raccoon River to Center Street, in Des Moines, Iowa

I hereby certify that the construction of said Des Moines River Levee Alterations Phase A, Activity ID 082019002, 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 September 14, 2020, and was completed on December 19, 2021.

I further certify that \$2,650,508.50 is the total cost of said improvement, of which \$2,650,508.50 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 11/15/2022 to 12/16/2022  
PARTIAL PAYMENT NO. 13 (FINAL)

PROJECT: DES MOINES RIVER LEVEE ALTERATIONS PHASE A  
CONTRACTOR: CORELL CONTRACTOR, INC.

ACTIVITY ID: 08-2019-002  
DATE: 12/19/2022

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
1	TOPSOIL, ONSITE	CY	1,400.00	1,400.00	1,400.00	0.00	\$ 20.00	\$28,000.00
2	TOPSOIL, OFFSITE	CY	1,000.00	1,176.00	1,176.00	0.00	\$ 25.00	\$29,400.00
3	EXCAVATION, CLASS 10	CY	11,650.00	11,878.00	11,878.00	0.00	\$ 25.00	\$296,950.00
4	SUBGRADE PREPARATION	SY	3,600.00	3,804.00	3,804.00	0.00	\$ 4.00	\$15,216.00
5	MODIFIED SUBBASE	SY	650.00	316.80	316.80	0.00	\$ 17.00	\$5,385.60
6	REMOVAL OF STRUCTURE, PANELWALL, STA. 151+45 - 153+73	LF	228.00	228.00	228.00	0.00	\$ 138.00	\$31,464.00
7	STA 150+60 SANITARY SEWER ABANDONMENT, FILL AND PLUG, 24"	LF	85.00	34.00	34.00	0.00	\$ 220.00	\$7,480.00
8	STA 127+95.25 REPAIR BY CHEMICAL GROUT, 54" DIA	EA	1.00	1.00	1.00	0.00	\$ 6,500.00	\$6,500.00
9	STA 131+00 STORM SEWER, TRENCHED, RCP, 12" DIA	LF	8.00	8.00	8.00	0.00	\$ 2,000.00	\$16,000.00
10	STA 308+47.38 SANITARY SEWER ABANDONMENT, FILL AND PLUG, 36" DIA	LF	64.00	30.00	30.00	0.00	\$ 320.00	\$9,600.00
11	STA 315+80 STORM SEWER ABANDONMENT, FILL AND PLUG, 36" DIA	LF	60.00	51.00	51.00	0.00	\$ 350.00	\$17,850.00
12	STA 316+93 SANITARY SEWER ABANDONMENT, FILL AND PLUG, 60"	LF	47.00	45.00	45.00	0.00	\$ 500.00	\$22,500.00
13	STA 319+75 SANITARY SEWER ABANDONMENT, FILL AND PLUG, 18"	LF	80.00	32.00	32.00	0.00	\$ 235.00	\$7,520.00
14	STA 322+20 SANITARY SEWER ABANDONMENT, FILL AND PLUG, 60"	LF	69.00	27.60	27.60	0.00	\$ 375.00	\$10,350.00
15	STA 346+83 SANITARY SEWER ABANDONMENT, FILL AND PLUG, 18"	LF	653.00	295.50	295.50	0.00	\$ 42.00	\$12,411.00
16	MANHOLE ADJUSTMENT, MINOR	EA	2.00	1.00	1.00	0.00	\$ 1,200.00	\$1,200.00
17	MANHOLE ABANDONMENT, REMOVAL OF TOP 3' AND FILL WITH CONC	EA	1.00	2.00	2.00	0.00	\$ 5,000.00	\$10,000.00
18	PCC PAVEMENT, 6" THICKNESS	SY	490.00	901.40	901.40	0.00	\$ 112.00	\$100,956.80
19	BEAM CURB	LF	312.00	377.10	377.10	0.00	\$ 61.50	\$23,191.65
20	PAVEMENT, HMA, 6" THICKNESS	SY	3,200.00	3,409.10	3,409.10	0.00	\$ 34.65	\$118,125.32
21	REMOVAL OF SIDEWALK	SY	643.00	3,266.90	3,266.90	0.00	\$ 10.00	\$32,669.00
22	PCC SIDEWALK, 5" THICK	SY	400.00	619.30	619.30	0.00	\$ 77.00	\$47,686.10
23	PAVEMENT, REMOVAL	SY	2,988.00	1,000.60	1,000.60	0.00	\$ 12.00	\$12,007.20
24	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	LS	1.00	1.00	1.00	0.00	\$ 495.00	\$495.00
25	TRAFFIC CONTROL	LS	1.00	1.00	1.00	0.00	\$ 26,950.00	\$26,950.00
26	PNEUMATIC SEEDING, SEEDING, FERTILIZING, MULCHING	AC	3.00	6.12	6.12	0.00	\$ 9,580.00	\$58,629.60
27	STORMWATER POLLUTION PREVENTION	LS	1.00	1.00	1.00	0.00	\$ 5,500.00	\$5,500.00
28	ROLLED EROSION CONTROL PRODUCT	SQ	1,303.00	119.10	119.10	0.00	\$ 14.30	\$1,703.13
29	SILT FENCE OR SILT FENCE DITCH CHECK	LF	6,890.00	8,031.00	8,031.00	0.00	\$ 1.65	\$13,251.15
30	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	LF	6,890.00	0.00	0.00	0.00	\$ 0.05	\$0.00
31	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	LF	6,890.00	8,031.00	8,031.00	0.00	\$ 0.10	\$803.10
32	STABILIZED CONSTRUCTION ENTRANCE	SY	200.00	150.10	150.10	0.00	\$ 15.00	\$2,251.50
33	RIP RAP, CLASS E	TON	7,100.00	5,183.96	5,183.96	0.00	\$ 74.00	\$383,613.04

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ITEM NO.	DESCRIPTION	UNIT	QUANTITIES			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
	ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$ 2,650,508.50				
	PARTIAL PAYMENT 1		\$ 341,014.98				
	PARTIAL PAYMENT 2		\$ 484,892.79				
	PARTIAL PAYMENT 3		\$ 463,215.69				
	PARTIAL PAYMENT 4		\$ 453,918.69				
	PARTIAL PAYMENT 5		\$ 238,988.65				
	PARTIAL PAYMENT 6		\$ 274,587.70				
	PARTIAL PAYMENT 7		\$ 133,069.11				
	PARTIAL PAYMENT 8		\$ 67,466.82				
	PARTIAL PAYMENT 9		\$ 90,462.20				
	PARTIAL PAYMENT 10		\$ 15,185.45				
	PARTIAL PAYMENT 11		\$ 79,261.92				
	PARTIAL PAYMENT 12		\$ 8,444.50				
	THIS PARTIAL PAYMENT 13		\$ -				
	TOTAL PARTIAL PAYMENTS		\$ 2,650,508.50				
	BALANCE		\$ -				
	APPROXMIATE PERCENT COMPLETE		100.0%				

PREPARED BY: Brian Lehman  
Project Inspector

CHECKED BY: C.M. Bl  
Project Engineer

TOTAL	\$2,650,508.50
RETAINAGE	\$ -
TOTAL LESS RETAINAGE	\$ 2,650,508.50
LESS PREVIOUS PAYMENT	\$ 2,650,508.50
<b>AMOUNT DUE</b>	<b>\$ -</b>

PARTIAL PAYMENT NO. 13 (FINAL)