



Roll Call Number

Agenda Item Number

12

DATE March 27, 2023

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 2021 HMA RESIDENTIAL PAVING PROGRAM CONTRACT 2, GRIMES ASPHALT AND PAVING CORPORATION

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 HMA Residential Paving Program Contract 2, 062021003, in accordance with the contract approved between Grimes Asphalt and Paving Corporation, Timothy Mallicoat, President, 5550 NE 22nd Street, Des Moines, IA 50313, under Roll Call No. 21-0899, of June 14, 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 \$616,505.06 is the total cost, of which \$598,009.91 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 \$18,495.15 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

sl Kathleen Vanderpool

Nickolas J. Schaul BB

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLN_{fw}

Funding Source: 2022-23 CIP, Page 111, Roadway Rehabilitation – Residential, ST013, G.O. Bonds

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

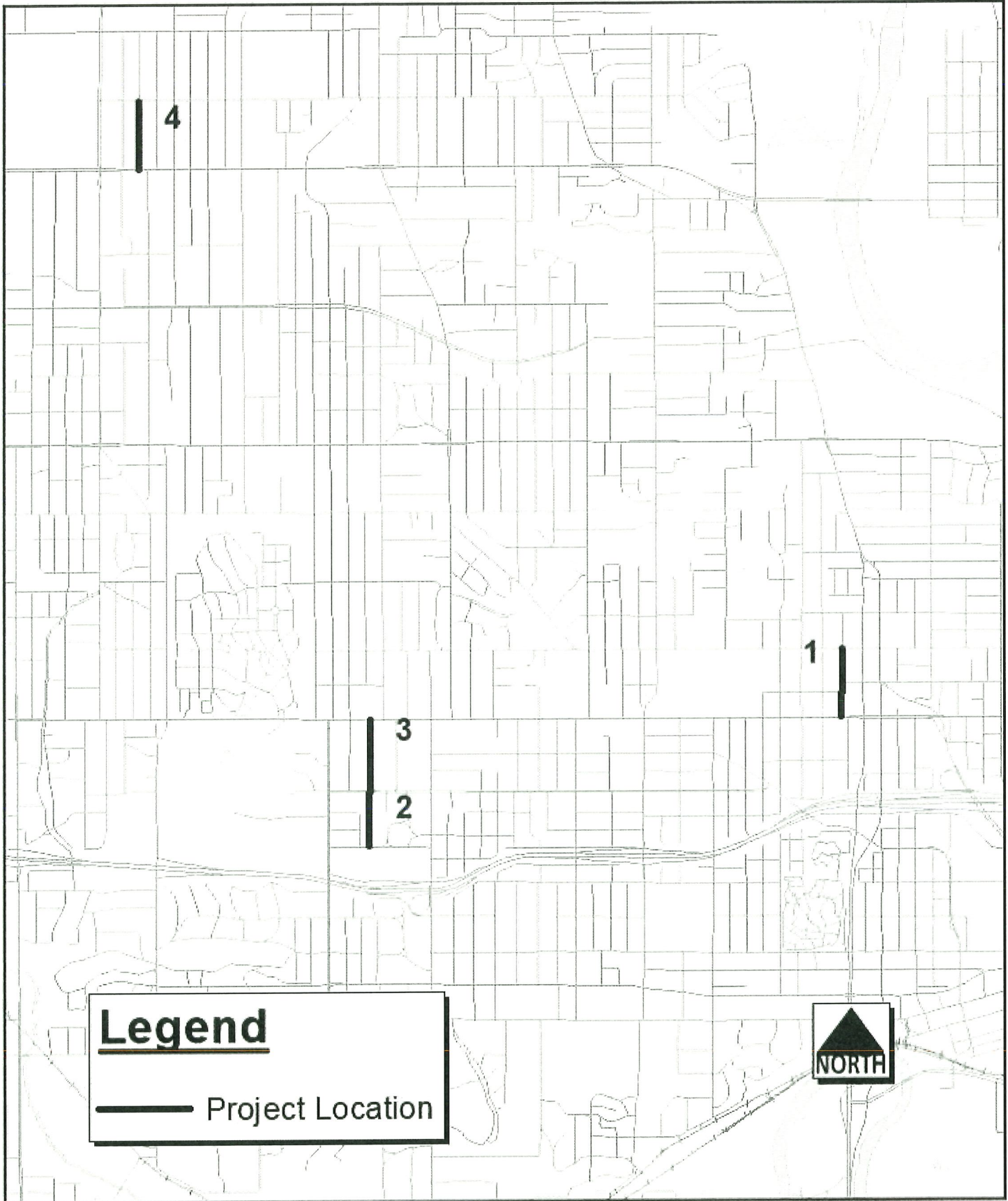
MOTION CARRIED APPROVED

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.

Mayor

City Clerk



Legend
— Project Location



- 1. 21st Street - University Ave to Forest Ave
- 2. 45th Street - Chamberlain Ave to Kingman Blvd
- 3. 45th Street - Kingman Blvd to University Ave
- 4. 56th Street - Douglas Ave to Madison Ave

PROJECT SUMMARY

2021 HMA Residential Paving Program Contract 2

Activity ID 062021003

On June 14, 2021, under Roll Call No. 21-0899, the Council awarded the contract for the above improvements to Grimes Asphalt and Paving Corporation, in the amount of \$543,484.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	10/12/2021 Added New Road additive to HMA mix, and mobilizations for Portland Cement Subgrade Stabilization on 45th Street.	\$34,417.60
2	City	1/4/2022 Adjusted unit price for items with overages and unused items.	\$42,473.40
3	City	2/2/2022 Added new unit price for Sod, Nursery in Place.	\$35,900.00
4	City	8/4/2022 Driveway repair on 48th Street.	\$19,027.14
5	Engineering	2/28/2023 Adjust plan quantities to final as-built quantities.	\$(58,797.08)
Original Contract Amount			\$543,484.00
Total Change Orders			\$73,021.06
Percent of Change Orders to Original Contract			13.44%
Total Contract Amount			\$616,505.06

March 27, 2023



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 2021 HMA Residential Paving Program Contract 2, Grimes Asphalt and Paving Corporation.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$616,505.06 As-Built Contract Cost

Funding Source: 2022-23 CIP, Page 111, Roadway Rehabilitation – Residential, ST013, G.O. Bonds

CERTIFICATION OF COMPLETION:

On June 14, 2021, under Roll Call No. 21-0899, the City Council awarded a contract to Grimes Asphalt and Paving Corporation, Timothy Mallicoat, President, 5550 NE 22nd Street, Des Moines, IA 50313 for the construction of the following improvement:

2021 HMA Residential Paving Program Contract 2, 062021003

The improvements include furnishing labor, equipment, and materials all in accordance with the contract documents, at the following locations all within the City of Des Moines, Iowa:

Removal of existing Hot Mix Asphalt (HMA) pavement with milling/scarifying an average depth of two inches, replacing sections of Portland Cement Concrete (PCC) curb and gutter, and placing two inches of HMA pavement on 56th Street from Douglas Avenue to Madison Avenue.

Removal of existing HMA pavement with milling/scarifying to an average depth of three inches, preparing subgrade/subbase, and reconstructing three inches of HMA pavement with two lifts, manhole boxouts with PCC, and replacing existing sidewalk ramps with ADA-compliant ramps as directed by the engineer on 21st Street from University Avenue to Forest Avenue.

Removal of existing HMA pavement with milling/scarifying to an average depth of 4-inches, preparing subgrade/subbase with cement stabilization, replacing sections of PCC curb and gutter, and reconstructing four inches of HMA pavement with two lifts, manhole boxouts with PCC, and replacing existing sidewalk ramps with ADA-compliant ramps as directed by the engineer on 45th Street from Chamberlain Avenue to Kingman Boulevard.

Removal of existing HMA pavement with milling/scarifying to an average depth of 4-inches, preparing subgrade/subbase with cement stabilization, constructing PCC beam curbs, and reconstructing six inches of HMA pavement with two lifts, manhole boxouts with PCC, and replacing existing sidewalk ramps with ADA-compliant ramps as directed by the engineer on 45th Street from Kingman Boulevard to University Avenue

I hereby certify that the construction of said 2021 HMA Residential Paving Program Contract 2, Activity ID 062021003, 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 February 28, 2023.

I further certify that \$616,505.06 is the total cost of said improvement, of which \$598,009.91 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 \$18,495.15 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 7/2/2022 to 2/21/2023
FINAL PAYMENT / FINAL QUANTITY AGREEMENT

PROJECT: 2021 HMA RESIDENTIAL PAVING PROGRAM CONTRACT 2
CONTRACTOR: Grimes Asphalt

ACTIVITY ID: 06-2021-003
DATE: 2/21/2023

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
1	SUBGRADE TREATMENT - CEMENT	TON	195.00	0.00	0.00	0.00	\$ 289.00	\$0.00
2	SUBBASE, MODIFIED	TON	1,100.00	454.30	454.30	439.00	\$ 26.00	\$11,811.80
3	NEW STOP BOX HOUSING	EA	4.00	0.00	0.00	0.00	\$ 1,000.00	\$0.00
4	NEW STOP BOX ROD	EA	4.00	1.00	1.00	0.00	\$ 516.00	\$516.00
5	MANHOLE ADJUSTMENT, MINOR, WITH BOXOUT	EA	16.00	12.00	12.00	0.00	\$ 1,600.00	\$19,200.00
6	CURB AND GUTTER 2' PCC	LF	1,044.00	1,044.00	1,044.00	0.00	\$ 31.00	\$32,364.00
7	BEAM CURB	LF	1,760.00	1,760.00	1,760.00	0.00	\$ 28.00	\$49,280.00
8	HMA BASE COURSE, ST, PG 58-28S, (3/4" MIX)	TON	897.00	1,118.69	1,118.69	0.00	\$ 67.00	\$74,952.23
9	HMA SURFACE COURSE, ST, PG 58-28S (1/2" MIX)	TON	2,166.00	1,565.15	1,565.15	0.00	\$ 67.00	\$104,865.05
10	DETECTABLE WARNING DEVICES, CAST IRON	SF	40.00	0.00	0.00	0.00	\$ 52.00	\$0.00
11	SUBBASE OVER-EXCAVATION	TON	40.00	94.16	94.16	0.00	\$ 69.00	\$6,497.04
12	MILLING, 4" AVERAGE DEPTH	SY	6,467.00	6,467.00	6,467.00	0.00	\$ 3.00	\$19,401.00
13	MILLING, 2" AVERAGE DEPTH	SY	3,301.00	0.00	0.00	0.00	\$ 2.00	\$0.00
14	MILLING, 3" AVERAGE DEPTH	SY	5,072.00	4,437.00	4,437.00	0.00	\$ 4.00	\$17,748.00
15	REMOVE CURB AND GUTTER 2' PCC	LF	2,804.00	4,658.00	4,658.00	4,658.00	\$ 7.00	\$32,606.00
16	TRAFFIC CONTROL	LS	1.00	1.00	1.00	0.20	\$ 12,000.00	\$12,000.00
17	MOBILIZATION	LS	1.00	1.00	1.00	0.00	\$ 27,400.00	\$27,400.00
18	SIDEWALK, 5" PCC CLASS 'A', REMOVE AND REPLACE	SY	8.00	17.70	17.70	0.00	\$ 434.00	\$7,681.80
19	SIDEWALK, ADA COMPLIANT RAMP, 6" PCC, REMOVE AND REPLACE	SY	42.00	0.00	0.00	0.00	\$ 144.00	\$0.00
20	SIDEWALK AT DRIVEWAY, 6" PCC, REMOVE AND REPLACE	SY	97.00	97.00	97.00	0.00	\$ 97.00	\$9,409.00
21	TREE PROTECTION FENCE, 4' HIGH	LF	100.00	0.00	0.00	0.00	\$ 11.00	\$0.00
22	TREE TRUNK PROTECTION	EA	8.00	0.00	0.00	0.00	\$ 412.00	\$0.00
23	TREE ROOT GRINDING	EA	4.00	0.00	0.00	0.00	\$ 206.00	\$0.00
24	SOD, NURSERY IN PLACE	SQ	10.00	0.00	0.00	0.00	\$ 260.00	\$0.00
25	HYDRAULIC SEEDING	SQ	10.00	0.00	0.00	0.00	\$ 206.00	\$0.00
26	TRAFFIC CONTROL SIGN, REMOVE AND REPLACE	EA	2.00	0.00	0.00	0.00	\$ 516.00	\$0.00
	Change Order Items							
8001.00	New Road Additive	LB	0.00	2,811.00	2,811.00	0.00	\$ 3.60	\$10,119.60
8002.00	Portland Cement Stabilization Mobilization	LS	0.00	1.00	1.00	0.00	\$ 7,875.00	\$7,875.00
8003.00	Portland Cement Stabilization Mobilization	LS	0.00	1.00	1.00	0.00	\$ 16,423.00	\$16,423.00
8004.00	Curb and Gutter, 2' PCC	LF	0.00	1,090.00	1,090.00	0.00	\$ 25.00	\$27,250.00
8005.00	Beam Curb	LF	0.00	764.00	764.00	0.00	\$ 25.00	\$19,100.00
8006.00	Sidewalk at Driveway, 6" Remove and Replace	SY	0.00	603.20	603.20	0.00	\$ 87.00	\$52,478.40
8007.00	Sod, Nursery In Place	SQ	0.00	220.00	220.00	0.00	\$ 175.00	\$38,500.00
8008.00	48th Street Driveway Repair	LS	0.00	1.00	1.00	1.00	\$ 19,027.14	\$19,027.14

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ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
	ORIGINAL CONTRACT AMOUNT		\$ 543,484.00					
	TOTAL CHANGE ORDERS		\$ 73,021.06					
	ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$ 616,505.06					
	THIS PARTIAL PAYMENT		\$ -					
	PARTIAL PAYMENT #1		\$ 90,344.58					
	PARTIAL PAYMENT #2		\$ 230,355.00					
	PARTIAL PAYMENT #3		\$ 54,804.41					
	PARTIAL PAYMENT #4		\$ 105,175.55					
	PARTIAL PAYMENT #5		\$ 37,345.00					
	PARTIAL PAYMENT #6		\$ 16,501.64					
	PARTIAL PAYMENT #7		\$ 63,483.73					
	TOTAL PARTIAL PAYMENTS		\$ 598,009.91					
	BALANCE		\$ 18,495.15					
	APPROXIMATE PERCENT COMPLETE		100.0%					

PREPARED BY: Tom Anderson
Project Inspector

CHECKED BY: [Signature]
Project Engineer

CONTRACTOR AGREEMENT: [Signature]
Grimes Asphalt

TOTAL	\$ 616,505.06
RETAINAGE	\$ 18,495.15
TOTAL LESS RETAINAGE	\$ 598,009.91
LESS PREVIOUS PAYMENT	\$ 598,009.91
AMOUNT DUE	\$ -

FINAL PAYMENT / FINAL QUANTITY AGREEMENT