

Date April 01, 2024

#### ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 2021 HMA RESIDENTIAL PAVING PROGRAM CONTRACT 1, 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 1, Activity ID 062020013, in accordance with the contract approved between Grimes Asphalt and Paving Corporation, 5550 NE 22nd Street, Des Moines, IA, 50313, under Roll Call No. 21-0653, of April 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 \$855,802.58 is the total cost, of which \$830,128.50 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 \$25,674.08 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:

s/Kathleen Vanderpool

Kathleen Vanderpool Deputy City Attorney Nickolas J. Schaul Director of Finance

Funding Source: 2023-24 CIP, Page 112, Roadway Rehabilitation – Residential, ST013, Being: \$679,302.58 in G.O. Bonds, \$158,000 in Storm Water Utility Funds, and the remaining \$18,500 from DMWW

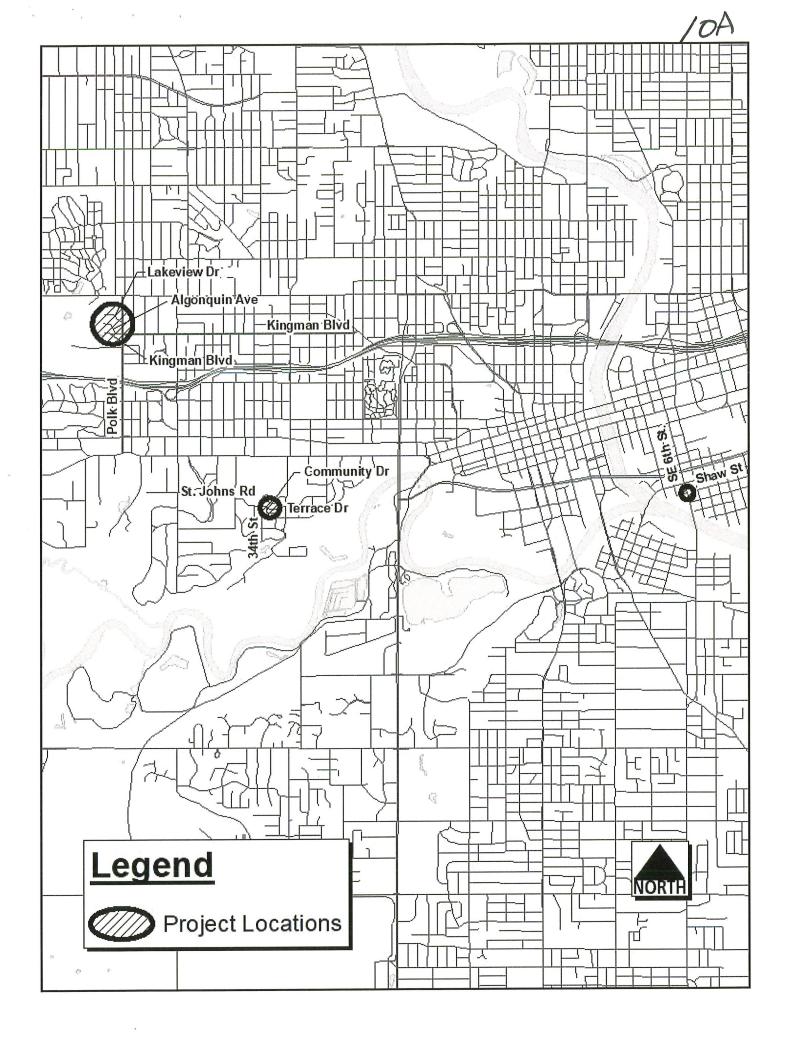
COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT			
BOESEN							
COLEMAN							
GATTO							
MANDELBAUM							
SIMONSON							
VOSS							
WESTERGAARD							
TOTAL							
MOTION CARRIED APPROVED							
Mayor							

#### CERTIFICATE

I, Laura Baumgartner, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, 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.

City Clerk



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## **PROJECT SUMMARY**

### 2021 HMA Residential Paving Program Contract 1 Activity ID 062020013

On April 19, 2021, under Roll Call No. 21-0653, the Council awarded the contract for the above improvements to Grimes Asphalt and Paving Corporation, in the amount of \$839,628.25. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	8/30/2021	\$31,614.00
		This change order includes additional work to be comp by the contractor including cement stabilization due to subgrade conditions.	
2	Engineering	2/15/2022	\$9,953.72
		This change order includes the addition of a small retain wall immediate north of the planned retaining wall, stur removal and drain pipe replacement which is all necess work to complete the proposed work.	mp
3	City	3/5/2024	\$(25,393.39)
		This change order includes adjustment to the retaining on Community Drive, Turf Reinforcement, a tree, liqu damages for work at 5th Street and Shaw Streets. This change order also adjusts quantities to constructed amo	idated
		Original Contract Amount	\$839,628.25
		Total Change Orders	\$16,174.33
		Percent of Change Orders to Original Contract	1.93%
		Total Contract Amount	\$855,802.58

Department of Engineering City of Des Moines, Iowa

April 1, 2024



#### **CERTIFICATION OF COMPLETION**

#### **AGENDA HEADING:**

Accepting completed construction and approving final payment for the 2021 HMA Residential Paving Program Contract 1, 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: \$855,802.58 As-Built Contract Cost

Funding Source: 2023-24 CIP, Page 112, Roadway Rehabilitation – Residential, ST013, Being: \$679,302.58 in G.O. Bonds, \$158,000.00 in Storm Water Utility Funds, and the remaining \$18,500.00 from DMWW

#### **CERTIFICATION OF COMPLETION:**

On April 19, 2021, under Roll Call No. 21-0653, the City Council awarded a contract to Grimes Asphalt and Paving Corporation, 5550 NE 22nd Street, Des Moines, IA 50313 for the construction of the following improvement:

2021 HMA Residential Paving Program Contract 1, 062020013

The improvement includes the construction of storm sewers, manholes, intakes, modified subbase, Hot Mix Asphalt (HMA) pavement, Portland Cement Concrete (PCC) curb and gutter, PCC sidewalk, modular block retaining wall, seeding, sodding, and other incidental items; in accordance with the contract documents, including Plan File Nos. 628-113/164 located at the following locations in Des Moines, Iowa

S.E. 5th Street from Scott Avenue to Shaw Street Shaw Street from S.E. 5th Street to S.E. 6th Street Lakeview Drive from Polk Boulevard to dead end to west Kingman Boulevard from Polk Boulevard to dead end to west Algonquin Road from Kingman Boulevard to dead end to west Community Drive from St. Johns Road to 100-ft south

I hereby certify that the construction of said 2021 HMA Residential Paving Program Contract 1, Activity ID 062020013, 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 May 25, 2021, and was completed on September 15, 2021.

I further certify that \$855,802.58 is the total cost of said improvement, of which \$830,128.50 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 \$25,674.08 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

CITY OF DES MOINES

#### ENGINEERING DEPARTMENT CITY OF DES MOINES, IOWA

#### ESTIMATE OF CONSTRUCTION COMPLETED FOR WORK DONE FROM 08/26/22 to 02/09/24 PARTIAL PAYMENT NO. 10 (FINAL)

PROJECT: 2021HMA Residential Paving Program Contract 1 CONTRACTOR: Grimes Asphalt IDOT #: N/A ACTIVITY ID: 06-2020-013 DATE: 2/12/2024

			QUANTITIES					
					CONSTRUCTED	CONSTRUCTED		
ITEM NO.	DESCRIPTION	UNIT	ESTIMATED	AUTHORIZED	TO DATE	THIS PERIOD	UNIT PRICE	TOTAL AMOUNT
1	TOPSOIL, OFF-SITE	CY	250.00	112.37	112.37	0.00		\$6,517.46
2	EXCAVATION, CLASS 10	CY	25.00	25.00	25.00	0.00		\$925.00
3	EXCAVATION, CLASS 10, CLAY CAP	CY	20.00	20.00	20.00	0.00		\$740.00
4	BELOW GRADE EXCAVATION (CORE OUT)	CY	400.00	74.26	74.26	0.00	\$ 32.00	\$2,376.32
5	SUBGRADE PREPARATION, 12 IN.	SY	2,400.00	2,400.00	2,400.00	0.00	\$ 3.25	\$7,800.00
6	SUBGRADE TREATMENT, GEOGRID, TYPE 2	SY	725.00	1,840.67	1,840.67	0.00	\$ 4.25	\$7,822.85
7	SUBBASE, MODIFIED	TON	640.00	803.68	803.68	0.00	\$ 36.50	\$29,334.32
8	STORM SEWER, TRENCHED, PVC, 8"	LF	15.00	15.00	15.00	0.00	\$ 52.50	\$787.50
9	STORM SEWER, TRENCHED, HDPE PERFORATED, 15 IN.	LF	442.00	444.50	444.50	0.00	\$ 71.50	\$31,781.75
10	STORM SEWER, TRENCHED, HDPE PERFORATED, 18 IN.	LF	164.00	180.00	180.00	0.00	\$ 82.00	\$14,760.00
11	STORM SEWER, TRENCHED, HDPE PERFORATED, 30 IN.	LF	54.00	24.00	24.00	0.00	\$ 184.00	\$4,416.00
12	REMOVAL OF STORM SEWER	LF	35.00	253.00	253.00	0.00	\$ 26.00	\$6,578.00
13	STORM SEWER ABANDONMENT, PLUG	EACH	1.00	0.00	0.00	0.00	\$ 1,100.00	\$0.00
14	SUBDRAIN CLEANOUT, TYPE A-2 W/ ATRIUM GRATE, 6"	EACH	5.00	5.00	5.00	0.00	\$ 605.00	\$3,025.00
15	WATER MAIN RELOCATION	LS	1.00	1.00	1.00	0.00	\$ 13,200.00	\$13,200.00
16	FIRE HYDRANT ADJUSTMENT	EACH	1.00	1.00	1.00	0.00	\$ 5,300.00	\$5,300.00
17	SANITARY SEWER SERVICE RECONNECTION	EACH	1.00	1.00	1.00	0.00	\$ 3,700.00	\$3,700.00
18	SPOT REPAIRS BY PIPE REPLACEMENT	EACH	1.00	1.00	1.00	0.00	\$ 7,900.00	\$7,900.00
19	SPOT REPAIRS BY PIPE REPLACEMENT	LF	6.00	6.00	6.00	0.00	\$ 780.00	\$4,680.00
20	MANHOLE, SW-401, 48 IN.	EACH	3.00	3.00	3.00	0.00	\$ 7,900.00	\$23,700.00
21	INTAKE, SW-505	EACH	5.00	5.00	5.00	0.00	\$ 7,100.00	\$35,500.00
22	INTAKE, SW-506	EACH	3.00	3.00	3.00	0.00	\$ 8,700.00	\$26,100.00
23	INTAKE, SW-512, 24 IN.	EACH	2.00	2.00	2.00	0.00	\$ 2,900.00	\$5,800.00
24	CONNECT TO EXISTING INTAKE	EACH	2.00	2.00	2.00	0.00	\$ 2,650.00	\$5,300.00
25	REMOVE MANHOLE	EACH	1.00	1.00	1.00	0.00	\$ 1,300.00	\$1,300.00
26	REMOVE INTAKE	EACH	3.00	3.00	3.00	0.00	\$ 800.00	\$2,400.00
27	MANHOLE ADJUSTMENT, MAJOR	EACH	5.00	7.00	7.00	0.00	\$ 4,500.00	\$31,500.00
28	CURB AND GUTTER, PCC, 2 FT WIDE, 6 IN THICK	LF	1,892.00	2,400.60	2,400.60	0.00	\$ 32.00	\$76,819.20
29	BEAM CURB	LF	20.00	53.40	53.40	0.00	\$ 53.00	\$2,830.20
30	HMA BASE COURSE, ST, PG 58-28S, (3/4''MIX)	TON	1,605.00	705.03	705.03	0.00	\$ 84.00	\$59,222.52
31	HMA SURFACE COURSE, ST, PG 58-28H ( 1/2" MIX)	TON	445.00	1,341.20	1,341.20	0.00	\$ 84.00	\$112,660.80
32	REMOVAL OF SIDEWALK	SY	174.00	174.00	174.00	0.00	\$ 13.00	\$2,262.00
33	REMOVAL OF DRIVEWAY	SY	417.00	428.80	428.80	0.00	\$ 13.00	\$5,574.40
34	SIDEWALK, GROUTED LIMESTONE	SY	4.00	0.00	0.00	0.00	\$ 370.00	\$0.00

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				QUAN	TITIES			
					CONSTRUCTED	CONSTRUCTED		
ITEM NO.	DESCRIPTION	UNIT	ESTIMATED	AUTHORIZED	TO DATE	THIS PERIOD	UNIT PRICE	TOTAL AMOUNT
35	SIDEWALK, PCC, 5 IN. THICK	SY	185.00	85.30	85.30	0.00	\$ 74.00	\$6,312.20
36	SIDEWALK, PCC, 6 IN. THICK	SY	66.00	49.80	49.80	0.00	\$ 89.50	\$4,457.10
37	DETECTABLE WARNING	SF	78.00	73.00	73.00	0.00	\$ 47.50	\$3,467.50
38	DRIVEWAY, PAVED, PCC, 6 IN.	SY	230.00	218.50	218.50	0.00	\$ 68.50	\$14,967.25
39	DRIVEWAY, PAVED, PCC, 8 IN.	SY	532.00	443.40	443.40	0.00	\$ 76.50	\$33,920.10
40	DRIVEWAY, GRANULAR	TON	75.00	5.00	5.00	0.00	\$ 42.00	\$210.00
41	FULL DEPTH PATCH, PCC	SY	15.00	17.11	17.11	0.00	\$ 211.00	\$3,610.21
42	SUBBASE OVER-EXCAVATION	CY	35.00	0.00	0.00	0.00	\$ 79.00	\$0.00
43	PAVEMENT MILLING	SY	5,378.00	5,568.83	5,568.83	0.00	\$ 3.00	\$16,706.49
44	PAVEMENT REMOVAL	SY	2,010.00	2,010.00	2,010.00	0.00	\$ 11.00	\$22,110.00
45	TEMPORARY TRAFFIC CONTROL	LS	1.00	1.00	1.00	0.00	\$ 4,900.00	\$4,900.00
46	FLAGGERS, CERTIFIED	DAY	4.00	0.00	0.00	0.00	\$ 527.00	\$0.00
47	CONVENTIONAL SEEDING, TYPE 1 (PERMANENT LAWN MIXTURE)	SY	150.00	500.75	500.75	0.00	\$ 6.00	\$3,004.50
48	SOD	SQ	110.00	60.00	60.00	0.00	\$ 106.00	\$6,360.00
49	FILTER SOCK, 9 INCH DIA.	LF	1,160.00	20.00	20.00	0.00	\$ 2.10	\$42.00
50	FILTER SOCK, REMOVAL	LF	1,160.00	20.00	20.00	0.00	\$ 0.60	\$12.00
51	TEMPORARY RECP, TYPE 1	SY	150.00	313.75	313.75	0.00	\$ 5.25	\$1,647.19
52	INLET PROTECTION DEVICE	EACH	8.00	0.00	0.00	0.00	\$ 179.00	\$0.00
53	CHAIN LINK FENCE, BLACK PVC-COATED, 42"	LF	85.00	103.00	103.00	0.00	\$ 63.00	\$6,489.00
54	MODULAR BLOCK RETAINING WALL	SF	912.00	912.00	912.00	0.00	\$ 45.00	\$41,040.00
55	CONSTRUCTION SURVEY	LS	1.00	1.00	1.00	0.00	\$ 7,400.00	\$7,400.00
56	MOBILIZATION	LS	1.00	1.00	1.00	0.00	\$ 82,400.00	\$82,400.00
57	MAINTENANCE OF POSTAL SERVICE	LS	1.00	1.00	1.00	0.00	\$ 1,600.00	\$1,600.00
58	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1.00	1.00	1.00	0.00	\$ 1,600.00	\$1,600.00
59	TREE PROTECTION FENCE	LF	460.00	360.00	360.00	0.00	\$ 4.00	\$1,440.00
60	TREE TRUNK PROTECTION	EACH	2.00	1.00	1.00	0.00	\$ 316.00	\$316.00
61	NEW STOP BOX HOUSING	EACH	2.00	0.00	0.00	0.00	\$ 1,600.00	\$0.00
62	NEW STOP BOX ROD	EACH	2.00	0.00	0.00	0.00	\$ 1,600.00	\$0.00
63	LAWN IRRIGATION ADJUSTMENT, ALLOWANCE	LS	1.00	0.071	0.071	0.000	\$ 15,000.00	\$1,065.00
	Change Order Items							
1001.00	Cement Stabilization	LS	0.00	1.00	1.00	0.00	\$ 31,614.00	\$31,614.00
2001.00	Community Drive Additional Retaining Wall	LS	0.00	1.00	1.00	0.00	\$ 9,953.72	\$9,953.72
3001.00	Retaining Wall Adjustment to Grade	LS	0.00	1.00	1.00	0.00	\$ 15,240.00	\$15,240.00
3002.00	Turf Reinforcement Mat	SY	0.00			0.00		\$2,505.00
3003.00	Tree, Crabapple	EA	0.00			0.00	\$ 300.00	\$300.00
3004.00	Liquidated Damages	DAY	0.00	23.00	23.00	0.00	\$ (500.00)	
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			QUANTITIES					
					CONSTRUCTED	CONSTRUCTED		
ITEM NO.	DESCRIPTION	UNIT	ESTIMATED	AUTHORIZED	TO DATE	THIS PERIOD	UNIT PRICE	TOTAL AMOUNT
	ORIGINAL CONTRACT AMOUNT		\$ 839,628.25					
	TOTAL CHANGE ORDERS		\$ 16,174.33					
	ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$ 855,802.58					
	PARTIAL PAYMENT NO. 1		\$ 58,482.23					
	PARTIAL PAYMENT NO. 2		\$ 131,114.83					
	PARTIAL PAYMENT NO. 3		\$ 113,292.39					
	PARTIAL PAYMENT NO. 4		\$ 48,021.21					
	PARTIAL PAYMENT NO. 5		\$ 163,031.34					
	PARTIAL PAYMENT NO. 6		\$ 230,530.38					
	PARTIAL PAYMENT NO. 7		\$ 34,588.96					
	PARTIAL PAYMENT NO. 8		\$ 44,922.51					
	PARTIAL PAYMENT NO. 9		\$ 6,144.65					
	THIS PARTIAL PAYMENT		\$ -					
	TOTAL PARTIAL PAYMENTS		\$ 830,128.50					
	BALANCE		\$ 25,674.08					
	APPROXMIATE PERCENT COMPLETE		100.0%					
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PREPARED BY:

Project Inspector V

CHECKED BY:

Project Engineer

TOTAL		\$855,802.58
RETAINAGE	\$ 25,674.08	
TOTAL LESS RETAIL	\$ 830,128.50	
LESS PREVIOUS PAY	\$ 830,128.50	
AMOUNT DUE	\$ -	

PARTIAL PAYMENT NO. 10 (FINAL)