



Roll Call Number

Agenda Item Number

14 A

DATE December 6, 2021

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR 2020 HMA RESURFACING 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 2020 HMA Resurfacing Program Contract 1, 062019015, 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. 20-0382, of February 24, 2020, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

BE IT FURTHER RESOLVED: That \$1,163,956.08 is the total cost, of which \$1,129,037.40 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 \$34,918.68 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:

FUNDS AVAILABLE

s/ Kathleen Vanderpool
Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Nickolas J. Schaul
Director of Finance

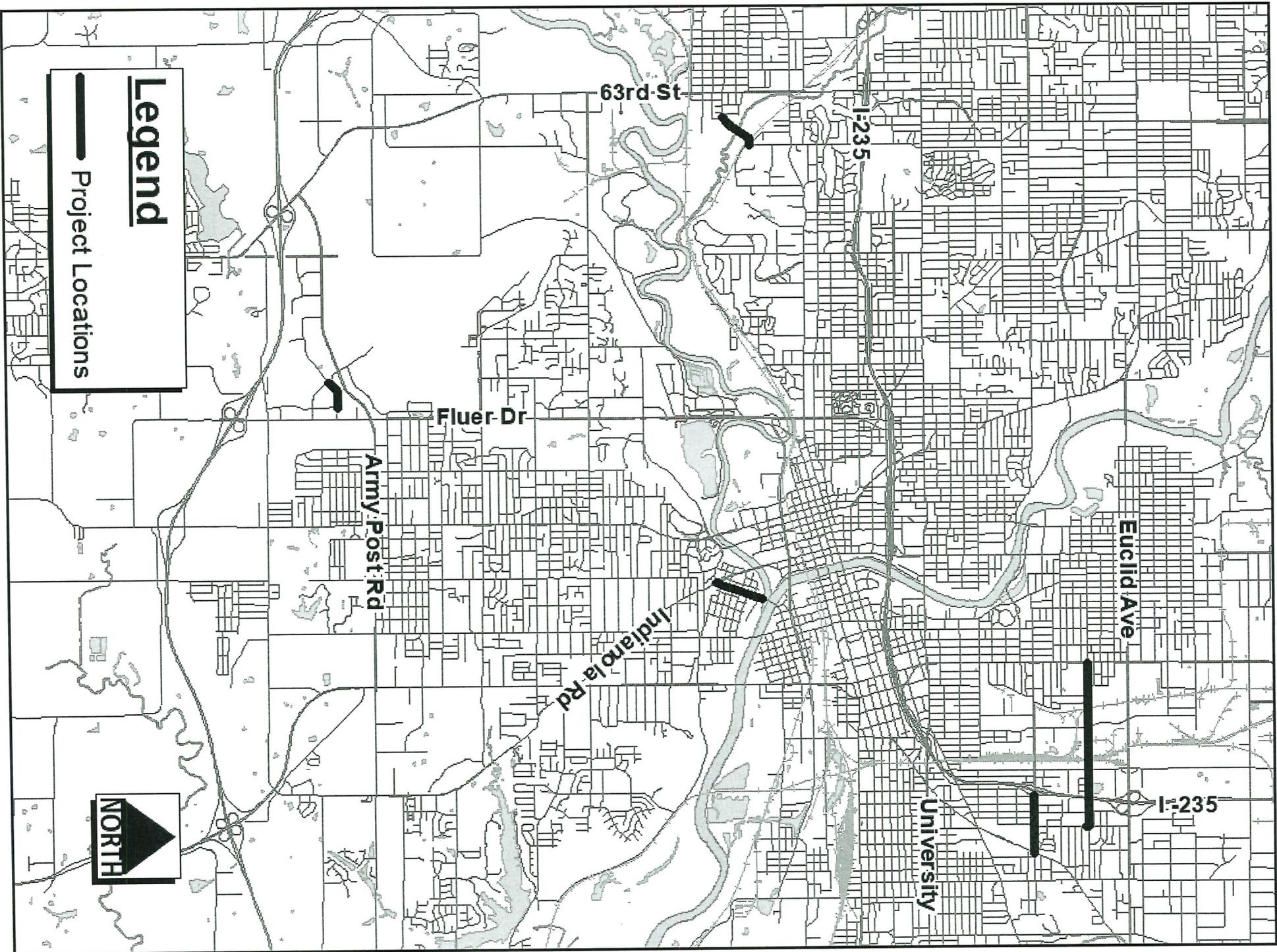
Funding Source: 2021-2022 CIP, Page 111, Roadway Rehabilitation – Collector, ST217, Being: \$96,660.75 from the City of Norwalk, and the remaining \$1,067,295.33 from ST217, Gaming Funds

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COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
WESTERGAARD				
GRAY				
BOESEN				
VOSS				
MANDELBAUM				
GATTO				
TOTAL				
MOTION CARRIED				APPROVED

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.



Legend

— Project Locations



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PROJECT SUMMARY

2020 HMA Resurfacing Program Contract 1

Activity ID 062019015

On February 24, 2020, under Roll Call No. 20-0382, the Council awarded the contract for the above improvements to Grimes Asphalt and Paving Corporation, in the amount of \$1,308,543.50. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1		10/21/2020 Add items for Asphalt Additive, Shoulder Aggregate, and Storm Sewer.	\$28,911.20
2	Engineering	2/16/2021 Add item for storm sewer extension and additional signage.	\$3,618.25
3	Engineering	7/19/2021 Add item for Sidewalk Replacement.	\$15,700.00
4	Engineering	10/19/2021 Adjust contract quantities to match as-built quantities.	\$(192,816.87)
Original Contract Amount			\$1,308,543.50
Total Change Orders			\$(144,587.42)
Percent of Change Orders to Original Contract			(11.05)%
Total Contract Amount			\$1,163,956.08

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December 6, 2021

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 2020 HMA Resurfacing 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: \$1,163,956.08 As-Built Contract Cost

Funding Source: 2021-2022 CIP, Page 111, Roadway Rehabilitation – Collector, ST217, Being: \$96,660.75 from the City of Norwalk, and the remaining \$1,067,295.33 from ST217, Gaming Funds

CERTIFICATION OF COMPLETION:

On February 24, 2020, under Roll Call No. 20-0382, 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:

2020 HMA Resurfacing Program Contract 1, 062019015

The improvements include furnishing labor, equipment, and materials all in accordance with the contract plans and documents, including Plan File Nos. 614-030/058, at the following locations all within the City of Des Moines, Iowa:

Full depth removal of existing pavement, installation of modified subbase and Hot Mix Asphalt (HMA), and other incidental items; in accordance with the contract documents, at the following locations:

Rittenhouse Street – S.W. 22nd Street to S.W. 28th Street
North Valley Drive – 56th Street to Muskogee Avenue

Scarification of existing asphalt streets, furnish and place Hot Mix Asphalt (HMA), furnish and place pavement markings, and other incidental items; in accordance with the contract documents, at the following locations:

Echo Valley Drive from S.W. 42nd Street to Norwalk City Limits
S.E. 1st Street – Indianola Avenue to Scott Avenue
Hull Avenue – E. 14th Street to Dixon Street
Guthrie Avenue – I-235 to Hubbell Avenue

I hereby certify that the construction of said 2020 HMA Resurfacing Program Contract 1, Activity ID 062019015, 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 22, 2020, and was completed on November 9, 2021.

I further certify that \$1,163,956.08 is the total cost of said improvement, of which \$1,129,037.40 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 \$34,918.68 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 10/05/21 to 11/04/21
FINAL PAYMENT (Partial Payment NO. 8)**

**PROJECT: 2020 HMA Resurfacing Program Contract 1
CONTRACTOR: Grimes Asphalt & Paving**

**Activity ID: 06-2019-015
Date: 11/04/21**

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	Subgrade Preparation	SY	3,454.000	0.000	0.000	\$6.50	\$0.00
2	Subgrade Treatment, Cement	TON	50.000	53.000	53.000	\$360.00	\$19,080.00
3	Subgrade Treatment, Geogrid, Type 3	SY	3,454.000	0.000	0.000	\$2.75	\$0.00
4	Subbase, Modified Subbase, 6"	SY	3,454.000	3,320.800	3,320.800	\$15.00	\$49,812.00
5	Storm Sewer, Trenched, DIP, 12"	LF	50.000	50.000	50.000	\$161.00	\$8,050.00
6	Storm Sewer, Trenched, RCP, 15"	LF	10.000	10.000	10.000	\$313.00	\$3,130.00
7	Subdrain, 6"	LF	2,220.000	2,220.000	2,220.000	\$29.00	\$64,380.00
8	Subdrain Outlets and Connections, CMP, 6"	EACH	8.000	8.000	8.000	\$921.00	\$7,368.00
9	New Stop Box Housing	EACH	1.000	0.000	0.000	\$1,900.00	\$0.00
10	New Stop Box Rod	EACH	1.000	0.000	0.000	\$1,700.00	\$0.00
11	Remove & Replace SW-501 Intake	EACH	2.000	0.000	0.000	\$10,900.00	\$0.00
12	Remove & Replace SW-507 Intake	EACH	2.000	0.000	0.000	\$12,350.00	\$0.00
13	Manhole Adjustment, PCC Diamond	EACH	17.000	6.000	6.000	\$1,600.00	\$9,600.00
14	Intake Adjustment	EACH	2.000	5.000	5.000	\$700.00	\$3,500.00
15	Cleaning and Preparation of Base	MILE	2.110	1.650	1.650	\$730.00	\$1,204.50
16	HMA LT Base, 3/4" Mix, PG 58-28S	TON	1,225.000	1,100.320	1,100.320	\$78.00	\$85,824.96
17	HMA LT Surface, 1/2" Mix, No Fric, PG 58-28S	TON	4,100.000	3,450.340	3,450.340	\$75.00	\$258,775.50
18	HMA ST Surface, 1/2" Mix, No Fric, PG 58-28H	TON	2,025.000	2,007.980	2,007.980	\$75.00	\$150,598.50
19	Removal of Sidewalk, Shared Use Path, or Driveway	SY	40.000	122.740	122.740	\$26.00	\$3,191.24
20	Sidewalk, 4" PCC, Class 'B'	SY	750.000	623.200	623.200	\$60.00	\$37,392.00
21	Sidewalk, Through Driveways, 6" PCC	SY	10.000	4.400	4.400	\$139.00	\$611.60
22	Sidewalk, ADA Compliant Ramp, 6" PCC	SY	75.000	50.020	50.020	\$165.00	\$8,253.30

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
23	Detectable Warnings - Cast Iron	SF	76.000	80.000	80.000	\$53.00	\$4,240.00
24	Remove & Replace Curb and Gutter	LF	20.000	313.500	313.500	\$75.00	\$23,512.50
25	Saw Curb - Horizontal	LF	20.000	0.000	0.000	\$30.00	\$0.00
26	Driveway, 6" PCC	SY	15.000	13.330	13.330	\$132.00	\$1,759.56
27	Patch, Full Depth PCC	SY	50.000	156.490	156.490	\$99.00	\$15,492.51
28	Patch, Full Depth HMA	SY	50.000	0.000	0.000	\$85.00	\$0.00
29	Subbase Over-excavation	TON	100.000	0.000	0.000	\$80.00	\$0.00
30	HMA Partial Depth Patches	SF	950.000	238.000	238.000	\$7.00	\$1,666.00
31	Pavement Scarification	SY	33,950.000	33,950.000	33,950.000	\$2.00	\$67,900.00
32	Pavement Removal	SY	5,224.000	5,203.890	5,203.890	\$14.00	\$72,854.46
33	Loop Detector, Replacement, 6' by 8'	EACH	2.000	2.000	2.000	\$1,600.00	\$3,200.00
34	Loop Detector, Replacement, 6' by 20'	EACH	8.000	0.000	0.000	\$2,000.00	\$0.00
35	Major Handhole Adjustment, Type I Precast Concrete Handhole	EACH	1.000	0.000	0.000	\$479.00	\$0.00
36	Major Handhole Adjustment, Type II, III, or IV Polymer Concrete Handhole	EACH	1.000	0.000	0.000	\$685.00	\$0.00
37	Painted Pavement Marking, Waterborne or Solvent based	STA	11.020	79.690	79.690	\$111.00	\$8,845.59
38	Durable Pavement Markings, Epoxy	STA	7.250	3.470	3.470	\$366.00	\$1,270.02
39	Inlay Tape Marking, Profile Marking Tape	STA	229.050	225.660	225.660	\$445.00	\$100,418.70
40	Permanent Tape Markings	STA	14.280	5.580	5.580	\$495.00	\$2,762.10
41	Painted Symbols and Legend, Waterborne or Solvent based	EACH	1.000	2.000	2.000	\$104.00	\$208.00
42	Precut Symbols and Legends	EACH	15.000	13.000	13.000	\$500.00	\$6,500.00
43	Pavement Markings Removed	STA	3.500	10.940	10.940	\$341.00	\$3,730.54
44	Symbols and Legends Removed	EACH	4.000	0.000	0.000	\$289.00	\$0.00
45	Grooves Cut for Pavement Markings	STA	21.530	9.050	9.050	\$171.00	\$1,547.55
46	Grooves Cut for Symbols and Legends	EACH	4.000	2.000	2.000	\$145.00	\$290.00
47	Traffic Control	LS	1.000	1.000	1.000	\$21,000.00	\$21,000.00
48	Flagger, Uniformed Police Officer	DAY	20.000	0.000	0.000	\$506.00	\$0.00
49	Flagger, Certified	DAY	20.000	5.000	5.000	\$474.00	\$2,370.00
50	Traffic Control, Portable Dynamic Message Signs	DAY	30.000	32.000	32.000	\$148.00	\$4,736.00
51	Remove and Reinstall Sign	EACH	1.000	0.000	0.000	\$1,100.00	\$0.00
52	Hydraulic Seeding	SQ	50.000	40.500	40.500	\$63.00	\$2,551.50
53	Tree Protection Fence	LF	50.000	0.000	0.000	\$21.00	\$0.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
54	Mobilization	LS	1.000	1.000	1.000	\$55,700.00	\$55,700.00
55	Maintenance of Solid Waste Collection	LS	1.000	1.000	1.000	\$2,400.00	\$2,400.00
1001	NewRoad Asphalt Additive	TON		862.970	862.970	\$9.00	\$7,766.73
1003	Shoulder Rock	TON		134.790	134.790	\$40.00	\$5,391.60
1002	Storm Sewer Modifications	LS		1.000	1.000	\$15,752.87	\$15,752.87
2001	Storm Sewer Extension	LS		1.000	1.000	\$3,418.25	\$3,418.25
2002	Additional Signage	LS		1.000	1.000	\$200.00	\$200.00
3001	Sidewalk Removal & Replacement. Corning Avenue	LS		1.000	1.000	\$15,700.00	\$15,700.00
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$1,163,956.08				
PARTIAL PAYMENT #1			\$421,953.63				
PARTIAL PAYMENT #2			\$461,715.03				
PARTIAL PAYMENT #3			\$44,069.79				
PARTIAL PAYMENT #4			\$137,949.16				
PARTIAL PAYMENT #5			\$16,416.01				
PARTIAL PAYMENT #6			\$25,121.30				
PARTIAL PAYMENT #7			\$21,812.48				
THIS PARTIAL PAYMENT			\$0.00				
TOTAL PARTIAL PAYMENTS			\$1,129,037.40				
BALANCE			\$34,918.68				

TOTAL	\$1,163,956.08
RETAINAGE	\$34,918.68
TOTAL LESS RETAINAGE	\$1,129,037.40
LESS PREVIOUS PAYMENT	\$1,129,037.40
AMOUNT DUE	\$0.00

PREPARED BY: Matthew D Beckler

CHECKED BY: D. King

FINAL PAYMENT (Partial Payment NO. 8)