



Roll Call Number

Agenda Item Number

8 A

Date August 21, 2023

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR E. 30TH STREET AND E. UNIVERSITY AVENUE INTERSECTION IMPROVEMENTS, 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 E. 30th Street and E. University Avenue Intersection Improvements, 042021019, 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. 21-1977, of December 20, 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 \$815,609.22 is the total cost, of which \$791,140.94 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 \$24,468.28 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

Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLN

Funding Source: 2023-24 CIP, Page 141, E 30th Street and University Avenue, ST290, \$357,000 (Max) in Iowa DOT Traffic Safety Improvement Funds under CS-TSF-1945(856)--85-77; \$200,000 (Max) in Iowa DOT Urban State Traffic Engineering Program (USTEP) Funds UST-163-1(92)--4A-77 (55% of eligible items with a max of \$200,000); and the remaining \$258,609.22 in G.O. Bonds



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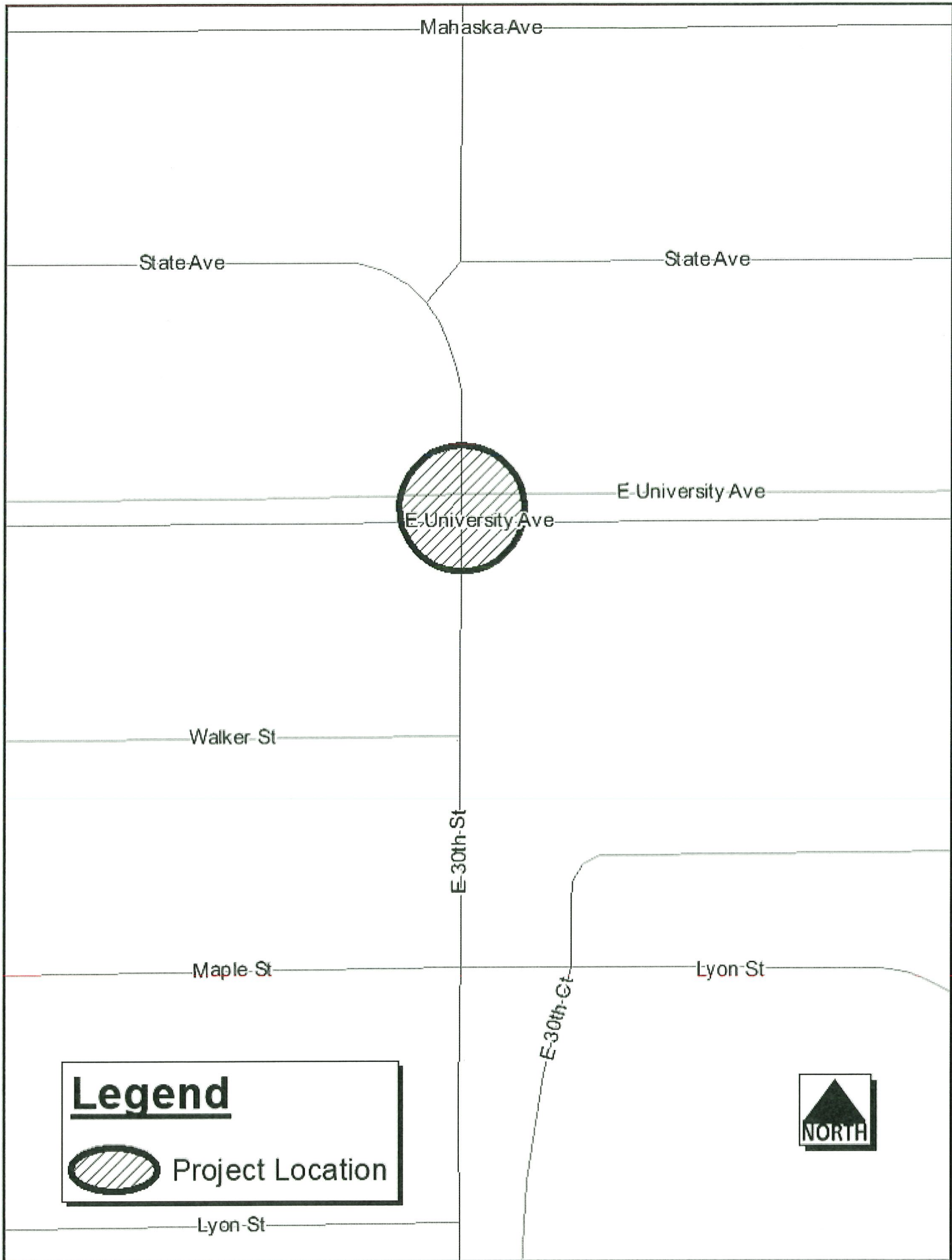
COUNCIL ACTION	Yeas	Nays	Pass	Absent
COWNIE				
BOESEN				
GATTO				
MANDELBAUM				
SHEUMAKER				
VOSS				
WESTERGAARD				
TOTAL				
MOTION CARRIED			APPROVED	
_____				Mayor

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



Legend



Project Location



NORTH



8 A

PROJECT SUMMARY

E. 30th Street and E. University Avenue Intersection Improvements

Activity ID 042021019

On December 20, 2021, under Roll Call No. 21-1977, the Council awarded the contract for the above improvements to Grimes Asphalt and Paving Corporation, in the amount of \$719,066.06. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	5/11/2022 Include temporary pedestrian pushbuttons and signal heads, construction survey and traffic control mobilization for additional stages. Extend project limits on west leg of the intersection.	\$48,013.70
2	City	6/22/2022 Reconstruct manhole, relocate City traffic signal fiber, additional pavement removal and larger traffic signal pole footing.	\$48,958.20
3	City	8/10/2022 Install temporary painted symbols and sod.	\$7,730.40
4	Engineering	7/31/2023 Adjust plan quantities to as-built quantities.	\$(8,159.14)
Original Contract Amount			\$719,066.06
Total Change Orders			\$96,543.16
Percent of Change Orders to Original Contract			13.43%
Total Contract Amount			\$815,609.22

Department of Engineering
City of Des Moines, Iowa
August 21, 2023



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the E. 30th Street and E. University Avenue Intersection Improvements, 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: \$815,609.22 As-Built Contract Cost

Funding Source: 2023-24 CIP, Page 141, E 30th Street and University Avenue, ST290, Being: \$357,000 (Max) in Iowa DOT Traffic Safety Improvement Funds under CS-TSF-1945(856)--85-77; \$200,000 (Max) in Iowa DOT Urban State Traffic Engineering Program (USTEP) Funds UST-163-1(92)--4A-77 (55% of eligible items with a max of \$200,000); and the remaining \$258,609.22 in G.O. Bonds

CERTIFICATION OF COMPLETION:

On December 20, 2021, under Roll Call No. 21-1977, 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:

E. 30th Street and E. University Avenue Intersection Improvements, 042021019

The improvement includes new traffic signals, Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) paving, PCC sidewalks, PCC curb and gutter, pavement removals, earthwork, storm sewer, intakes, pavement markings, traffic control, and surface restoration; all in accordance with the contract documents, located at the intersection of E. University Avenue and E. 30th Street in Des Moines, Iowa

I hereby certify that the construction of said E. 30th Street and E. University Avenue Intersection Improvements, Activity ID 042021019, 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 March 14, 2022, and was completed on August 1, 2023.

I further certify that \$815,609.22 is the total cost of said improvement, of which \$791,140.94 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 \$24,468.28 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

8A

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 4/28/2023 to 7/21/2023
PARTIAL PAYMENT NO. 8 (FINAL PAYMENT)

PROJECT: E. 30TH STREET AND E. UNIVERSITY AVENUE INTERSECTION IMPROVEMENTS
CONTRACTOR: Grimes Asphalt

ACTIVITY ID: 04-2021-019
DATE: 7/21/2023

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
1	TOPSOIL, OFF-SITE	CY	50.00	50.00	50.00	0.00	\$ 32.00	\$1,600.00
2	EXCAVATION, CLASS 10	CY	60.00	60.00	60.00	0.00	\$ 32.00	\$1,920.00
3	EXCAVATION, CLASS 10, WASTE	CY	100.00	138.00	138.00	0.00	\$ 35.00	\$4,830.00
4	SUBGRADE TREATMENT, GEOGRID, TYPE 2	SY	625.00	0.00	0.00	0.00	\$ 7.00	\$0.00
5	SUBBASE, MODIFIED SUBBASE	TON	500.00	465.40	465.40	0.00	\$ 37.00	\$17,219.80
6	STORM SEWER, TRENCHED, RCP, 18 IN.	LF	5.00	8.00	8.00	0.00	\$ 85.00	\$680.00
7	SUBDRAIN, 4 IN, LONGITUDINAL	LF	123.00	133.00	133.00	0.00	\$ 30.00	\$3,990.00
8	SUBDRAIN OUTLETS AND CONNECTIONS	EA	6.00	3.00	3.00	0.00	\$ 530.00	\$1,590.00
9	MANHOLE, SW-401	EA	1.00	1.00	1.00	0.00	\$ 5,700.00	\$5,700.00
10	INTAKE, SW-505	EA	1.00	1.00	1.00	0.00	\$ 5,800.00	\$5,800.00
11	MANHOLE ADJUSTMENT, MINOR	EA	8.00	0.00	0.00	0.00	\$ 1,500.00	\$0.00
12	REMOVE INTAKE	EA	1.00	1.00	1.00	0.00	\$ 2,200.00	\$2,200.00
13	PAVEMENT, PCC, 9.5 IN.	SY	190.00	262.80	262.80	0.00	\$ 88.00	\$23,126.40
14	PAVEMENT, PCC TRUCK APRON, COLORED, 9 IN.	SY	110.00	110.00	110.00	0.00	\$ 109.00	\$11,990.00
15	CURB AND GUTTER, 2.0', 12.5 IN.	LF	438.00	430.60	430.60	0.00	\$ 48.00	\$20,668.80
16	CONCRETE MEDIAN	SY	27.00	27.00	27.00	0.00	\$ 73.00	\$1,971.00
17	HMA HT SURFACE, 1/2" MIX, NO FRIC., PG 58-28H	TON	1,100.00	1,188.96	1,188.96	0.00	\$ 94.00	\$111,762.24
18	REMOVAL OF SIDEWALK	SY	220.00	216.00	216.00	0.00	\$ 16.00	\$3,456.00
19	SIDEWALK, PCC, 5 IN.	SY	99.00	104.60	104.60	0.00	\$ 58.00	\$6,066.80
20	SIDEWALK, PCC, 6 IN.	SY	71.00	66.70	66.70	0.00	\$ 63.00	\$4,202.10
21	DETECTABLE WARNINGS	SF	106.00	116.00	116.00	0.00	\$ 53.00	\$6,148.00
22	FULL DEPTH PATCHES, PCC	SY	360.00	674.35	674.35	0.00	\$ 127.00	\$85,642.45
23	MILLING	SY	6,600.00	5,943.22	5,943.22	0.00	\$ 3.00	\$17,829.66
24	PAVEMENT REMOVAL	SY	446.00	1,132.36	1,132.36	0.00	\$ 16.00	\$18,117.76
25	CURB AND GUTTER REMOVAL	LF	80.00	85.10	85.10	0.00	\$ 16.00	\$1,361.60
26	TRAFFIC SIGNAL	LS	1.00	1.00	1.00	0.00	\$ 293,600.00	\$293,600.00
27	TEMPORARY TRAFFIC SIGNAL	LS	1.00	0.90	0.90	0.00	\$ 20,850.00	\$18,765.00
28	PAINTED PAVEMENT MARKINGS, WATERBORNE/SOLVENT	STA	57.34	58.54	58.54	0.00	\$ 74.00	\$4,331.96
29	PAINTED PAVEMENT MARKINGS, DURABLE	STA	57.34	55.30	55.30	0.00	\$ 185.00	\$10,230.50
30	PAINTED SYMBOLS AND LEGENDS, DURABLE	EA	10.00	12.00	12.00	0.00	\$ 211.00	\$2,532.00
31	PAVEMENT MARKINGS REMOVED	STA	19.00	0.00	0.00	0.00	\$ 69.00	\$0.00
32	SYMBOLS AND LEGENDS REMOVED	EA	4.00	0.00	0.00	0.00	\$ 105.00	\$0.00
33	GROOVES CUT FOR PAVEMENT MARKINGS	STA	35.00	55.30	55.30	0.00	\$ 100.00	\$5,530.00
34	GROOVES CUT FOR SYMBOLS AND LEGENDS	EA	10.00	12.00	12.00	0.00	\$ 105.00	\$1,260.00

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
35	TEMPORARY TRAFFIC CONTROL	LS	1.00	0.50	0.50	0.00	\$ 11,900.00	\$5,950.00
36	HYDRAULIC SEEDING, FERTILIZING AND MULCHING	AC	0.20	0.10	0.10	0.00	\$ 8,000.00	\$800.00
37	INLET PROTECTION DEVICE	EA	6.00	4.00	4.00	0.00	\$ 215.00	\$860.00
38	MOBILIZATION	LS	1.00	1.00	1.00	0.00	\$ 44,300.00	\$44,300.00
39	FLAGGER, UNIFORMED POLICE OFFICER	DAY	10.00	2.00	2.00	0.00	\$ 550.00	\$1,100.00
40	FLAGGER, CERTIFIED	DAY	10.00	8.00	8.00	0.00	\$ 550.00	\$4,400.00
Change Order Items								
8001.00	Construction Survey	LS	0.00	0.00	0.00	0.00	\$ 10,000.00	\$0.00
8002.00	Temporary Pedestrian Pushbutton and Signal	LS	0.00	1.00	1.00	0.00	\$ 6,932.50	\$6,932.50
8003.00	Traffic Control Mobilization	LS	0.00	1.00	1.00	0.00	\$ 1,720.00	\$1,720.00
8004.00	Loop Detectors	EACH	0.00	2.00	2.00	0.00	\$ 1,300.00	\$2,600.00
8005.00	Loop Detector Wire	LF	0.00	0.00	0.00	0.00	\$ 1.73	\$0.00
8006.00	Manhole Adjustment, Major	LS	0.00	1.00	1.00	0.00	\$ 5,606.00	\$5,606.00
8007.00	City Fiber Relocation	LS	0.00	1.00	1.00	0.00	\$ 10,822.00	\$10,822.00
8008.00	Pole Footing	LS	0.00	1.00	1.00	0.00	\$ 21,166.20	\$21,166.20
8009.00	Temporary Painted Symbols and Legends	EACH	0.00	12.00	12.00	0.00	\$ 125.00	\$1,500.00
8010.00	Sod	SQ	0.00	71.73	71.73	0.00	\$ 165.00	\$11,835.45
8011.00	Jointing Change	LS	0.00	1.00	1.00	0.00	\$ 1,895.00	\$1,895.00
ORIGINAL CONTRACT AMOUNT			\$	719,066.06				
TOTAL CHANGE ORDERS			\$	96,543.16				
ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$	815,609.22				
PARTIAL PAYMENT #1			\$	10,650.60				
PARTIAL PAYMENT #2			\$	51,328.58				
PARTIAL PAYMENT #3			\$	111,621.10				
PARTIAL PAYMENT #4			\$	382,751.33				
PARTIAL PAYMENT #5			\$	139,384.05				
PARTIAL PAYMENT #6			\$	399.70				
PARTIAL PAYMENT #7			\$	95,005.58				
THIS PARTIAL PAYMENT			\$	-				
TOTAL PARTIAL PAYMENTS			\$	791,140.94				
BALANCE			\$	24,468.28				
APPROXIMATE PERCENT COMPLETE				100.0%				

TOTAL	\$815,609.22
RETAINAGE	\$ 24,468.28
TOTAL LESS RETAINAGE	\$ 791,140.94
LESS PREVIOUS PAYMENT	\$ 791,140.94
AMOUNT DUE	\$ -

PARTIAL PAYMENT NO. 8 (FINAL PAYMENT)

PREPARED BY:

Andy Williamson

Project Inspector

CHECKED BY:

[Signature]

Project Engineer

CONTRACTOR AGREEMENT:

[Signature]
Grimes Asphalt