



Roll Call Number

Agenda Item Number

15B

DATE March 8, 2021

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 2020 TRAFFIC SIGNAL REPLACEMENT CONTRACT 2, VAN MAANEN ELECTRIC, 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 2020 Traffic Signal Replacement Contract 2, 042020008, in accordance with the contract approved between Van Maanen Electric, Inc., Nathan S. Van Maanen, President, 500 Iowa Speedway, Newton, IA 50208, under Roll Call No. 20-0384, 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 \$554,744.56 is the total cost, of which \$538,102.22 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 \$16,642.34 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

SLN

sl Kathleen Vanderpool
Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Nickolas J. Schaul
Director of Finance

Funding Source: 2020-2021 CIP, Page Street – 52, Traffic Signals – Replacement, TR091, G. O. Bonds



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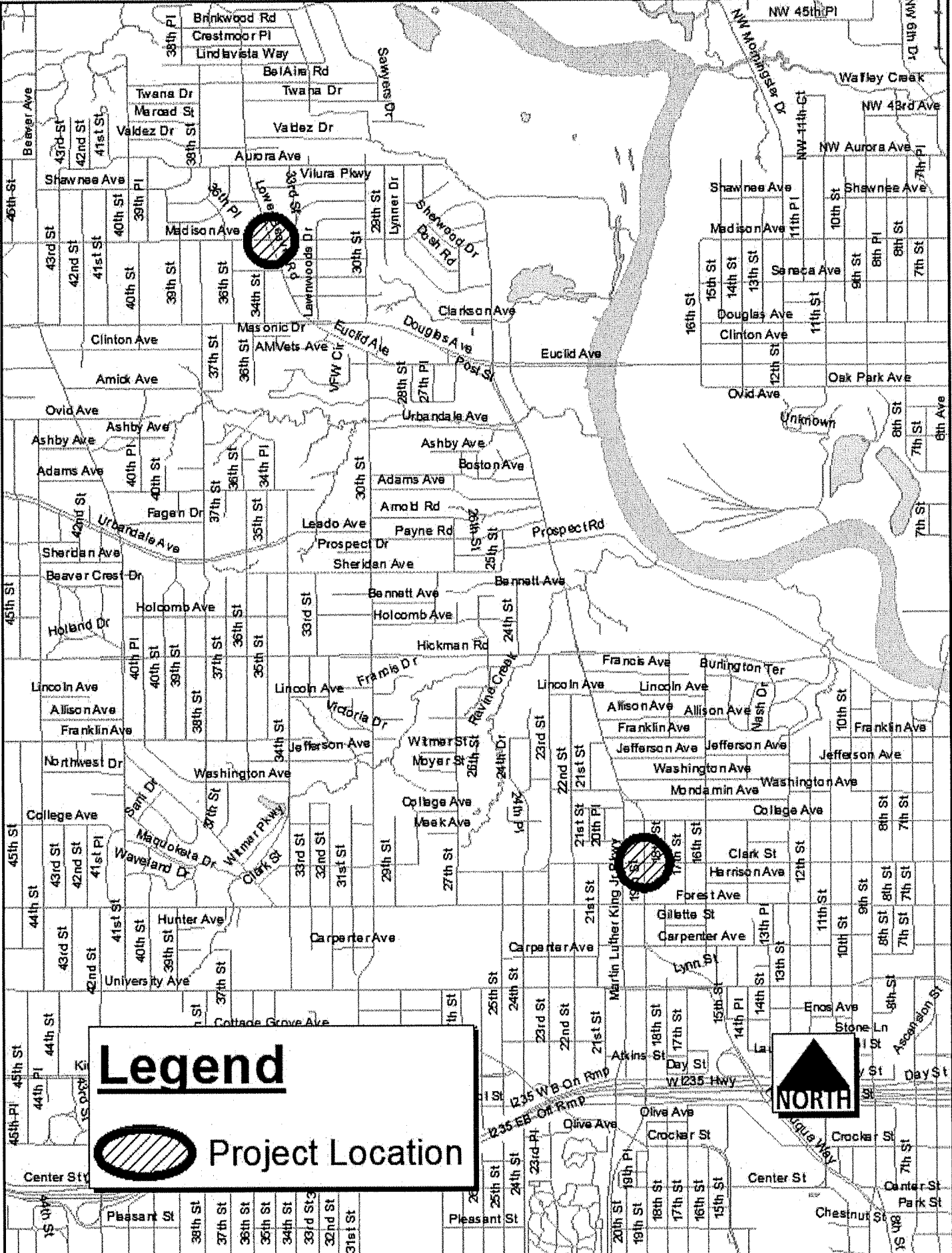
COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
WESTERGAARD				
GRAY				
BOESEN				
VOSS				
MANDELBAUM				
GATTO				
TOTAL				
MOTION CARRIED			APPROVED	

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.

Mayor

City Clerk



Legend

 Project Location





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PROJECT SUMMARY

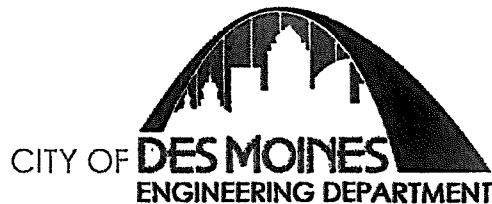
2020 Traffic Signal Replacement Contract 2

Activity ID 042020008

On February 24, 2020, under Roll Call No. 20-0384, the Council awarded the contract for the above improvements to Van Maanen Electric, Inc., in the amount of \$512,624.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	7/28/2020 At intersection of Lower Beaver Road and Madison Avenue, moved traffic signal footing after sanitary sewer pipe was encountered and repaired at SW corner, and cleaning and adjustments to curb stop and installing new stop box at NE corner. Includes minor storm intake adjustment at NW corner of 19th Street and Clark Street, and granular surfacing.	\$4,141.96
2	City	12/3/2020 Contractor installed additional traffic signal conduit, additional watering of sod, and adjusted contract quantities to match as-built quantities.	\$37,978.60
Original Contract Amount			\$512,624.00
Total Change Orders			\$42,120.56
Percent of Change Orders to Original Contract			8.22%
Total Contract Amount			\$554,744.56

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March 8, 2021

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 2020 Traffic Signal Replacement Contract 2, Van Maanen Electric, Inc.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$554,744.56 As-Built Contract Cost

Funding Source: 2020-2021 CIP, Page Street – 52, Traffic Signals – Replacement, TR091, G. O. Bonds

CERTIFICATION OF COMPLETION:

On February 24, 2020, under Roll Call No. 20-0384, the City Council awarded a contract to Van Maanen Electric, Inc., Nathan S. Van Maanen, President, 500 Iowa Speedway, Newton, IA 50208 for the construction of the following improvement:

2020 Traffic Signal Replacement Contract 2, 042020008

The improvement includes new traffic signals, vehicle loop detectors, Hot Mix Asphalt (HMA) pavement, Portland Cement Concrete (PCC) sidewalk, pavement markings, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 613-188/224, located at the intersection of Lower Beaver Road and Madison Avenue and the intersection of 19th Street and Clark Street, Des Moines, Iowa

I hereby certify that the construction of said 2020 Traffic Signal Replacement Contract 2, Activity ID 042020008, 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 18, 2020, and was completed on February 25, 2021.

I further certify that \$554,744.56 is the total cost of said improvement, of which \$538,102.22 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 \$16,642.34 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 11/4/20 to 11/5/20
FINAL PAYMENT (PARTIAL PAYMENT NO. 5)**

**PROJECT: 2020 Traffic Signal Replacement Contract 2
CONTRACTOR: Van Maanen Electric**

**ACTIVITY ID: 04-2020-008
DATE: 1/27/2021**

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
1	Clearing and Grubbing	LS	1.00	1.00	1.00	0.30	\$ 7,900.00	\$7,900.00
2	Topsoil, Offsite	CY	5.00	0.00	0.00	0.00	\$ 64.00	\$0.00
3	Excavation, Class 10	CY	5.00	5.00	5.00	0.00	\$ 145.00	\$725.00
4	Curb and Gutter, 2.0 Ft, 9 In	LF	176.50	236.50	236.50	0.00	\$ 75.00	\$17,737.50
5	Removal of Sidewalk	SY	157.30	178.80	178.80	4.40	\$ 29.00	\$5,185.20
6	Sidewalk, PCC, 4 In	SY	83.40	124.30	124.30	11.60	\$ 112.00	\$13,921.60
7	Sidewalk, PCC, 6 In	SY	79.00	99.90	99.90	0.00	\$ 115.00	\$11,488.50
8	Detectable Warning	SF	122.00	122.00	122.00	0.00	\$ 75.00	\$9,150.00
9	Partial Depth Patches, HMA Finish	SF	691.50	853.80	853.80	0.00	\$ 29.00	\$24,760.20
10	Pavement Removal	SY	39.80	49.60	49.60	0.00	\$ 95.00	\$4,712.00
11	Traffic Signalization	EA	1.00	1.00	1.00	0.05	\$ 360,800.00	\$360,800.00
12	Painted Pavement Markings, Durable Epoxy	STA	13.55	15.77	15.77	0.00	\$ 430.00	\$6,781.10
13	Pavement Markings Removed	STA	3.90	12.81	12.81	0.00	\$ 630.00	\$8,070.30
14	Traffic Control	LS	1.00	1.00	1.00	0.00	\$ 12,120.00	\$12,120.00
15	Hydraulic Seeding, Seeding, Fertilizing, and Type 4 (Urban Temp Eros	AC	0.20	0.00	0.00	0.00	\$ 8,025.00	\$0.00
16	Sod	SQ	28.00	61.50	61.50	61.50	\$ 105.00	\$6,457.50
17	Filter Sock, 6 In	LF	240.00	0.00	0.00	0.00	\$ 2.30	\$0.00
18	Filter Sock, Removal	LF	240.00	0.00	0.00	0.00	\$ 0.35	\$0.00
19	Construction Survey	LS	1.00	1.00	1.00	0.00	\$ 7,200.00	\$7,200.00
20	Mobilization	LS	1.00	1.00	1.00	0.00	\$ 32,985.00	\$32,985.00
21	Concrete Washout	LS	1.00	1.00	1.00	0.00	\$ 3,500.00	\$3,500.00
22	Uniformed Police Officer	DAY	8.00	0.00	0.00	0.00	\$ 550.00	\$0.00
Change Order Items								
1.01	Sanitary Sewer Pipe Repair and Redrilling Traffic Signal Footing	LS	0.00	1.00	1.00	1.00	\$ 1,660.41	\$1,660.41
1.02	Adjust Existing Curb Stop, Install New Stop Box	LS	0.00	1.00	1.00	1.00	\$ 318.13	\$318.13
1.03	Intake Adjustment, Minor	LS	0.00	1.00	1.00	0.00	\$ 1,575.00	\$1,575.00
1.04	Granular Surfacing - IDOT Roadstone	TON	0.00	14.01	14.01	0.00	\$ 42.00	\$588.42
2.01	Additional Watering of Sod	LS	0.00	1.00	1.00	0.00	\$ 300.00	\$300.00
2.02	Installation of Traffic Signal Conduit at 9th Street and Pleasant Street	LS	0.00	1.00	1.00	0.00	\$ 16,808.70	\$16,808.70

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ORIGINAL CONTRACT AMOUNT	\$	512,624.00			
TOTAL CHANGE ORDERS	\$	42,120.56			
ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS	\$	554,744.56			
PARTIAL PAYMENT NO. 1	\$	202,825.52			
PARTIAL PAYMENT NO. 2	\$	176,191.02			
PARTIAL PAYMENT NO. 3	\$	115,044.77			
PARTIAL PAYMENT NO. 4	\$	44,040.91			
THIS PARTIAL PAYMENT	\$	-			
TOTAL PARTIAL PAYMENTS	\$	538,102.22			
BALANCE	\$	16,642.34			

PREPARED BY:

Brian Lehman

Project Inspector

CHECKED BY:

Joseph A. Elly

Project Engineer

TOTAL	\$554,744.56
RETAINAGE	\$ 16,642.34
TOTAL LESS RETAINAGE	\$ 538,102.22
LESS PREVIOUS PAYMENT	\$ 538,102.22
AMOUNT DUE	\$ -

FINAL PAYMENT (PARTIAL PAYMENT NO. 5)