



Roll Call Number

Agenda Item Number

15B

DATE December 21, 2020

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 2018-2019 HMA PAVEMENT SCARIFICATION AND RESURFACING, 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 2018-2019 HMA Pavement Scarification and Resurfacing, 062018005, 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. 18-0823, of May 7, 2018, 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 \$920,689.00 is the total cost, of which \$893,068.33 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 \$27,620.67 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

sl Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul

Nickolas J. Schaul
Director of Finance

SLN

Funding Source: 2020-2021 CIP, Page Street - 30, Public Works - Asphalt Road Improvements, ST003,
Being: \$568,531 - G.O. Bonds issued and \$352,158 - TIF backed G.O. Bonds to be issued



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

MOTION CARRIED

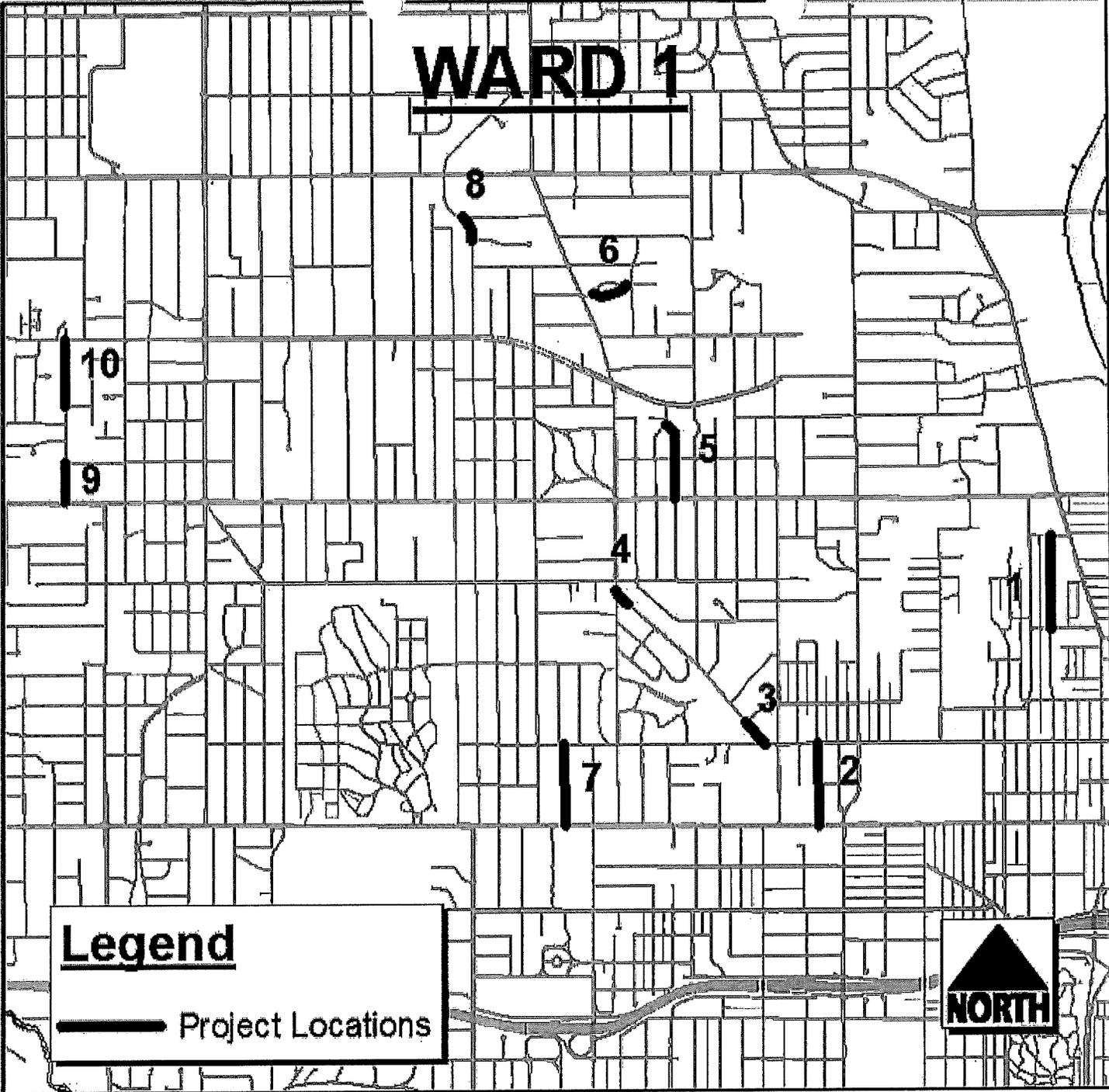
APPROVED

Mayor

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.

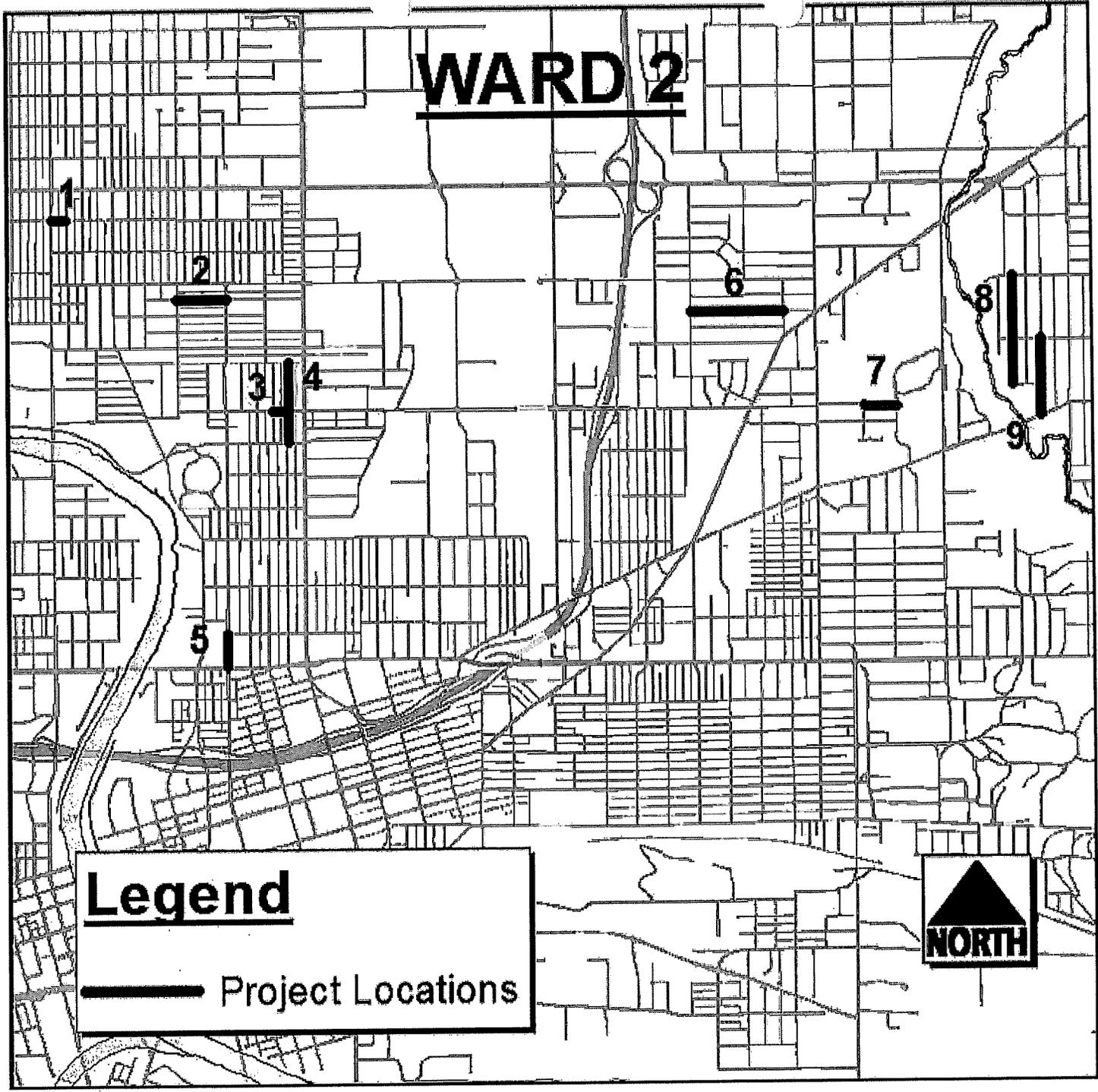
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk



- 1. 22nd St - Washington Ave to Lincoln Ave
- 2. 32nd St - University Ave to Forest Ave
- 3. Beaver Ave - Forest Ave to Clark St
- 4. Beaver Ave - 41st St to 300' South
- 5. 39th St - Hickman Rd to 40th St
- 6. Wallace Ln - Ashby Ave to Ashby Ave
- 7. 43rd St - University Ave to Forest Ave
- 8. 47th St - Amick Ave to Euclid Ave
- 6. Westover Blvd - Hickman Rd to Holcomb Ave
- 7. Westover Blvd - Robin Dr to Urbandale Ave

WARD 2

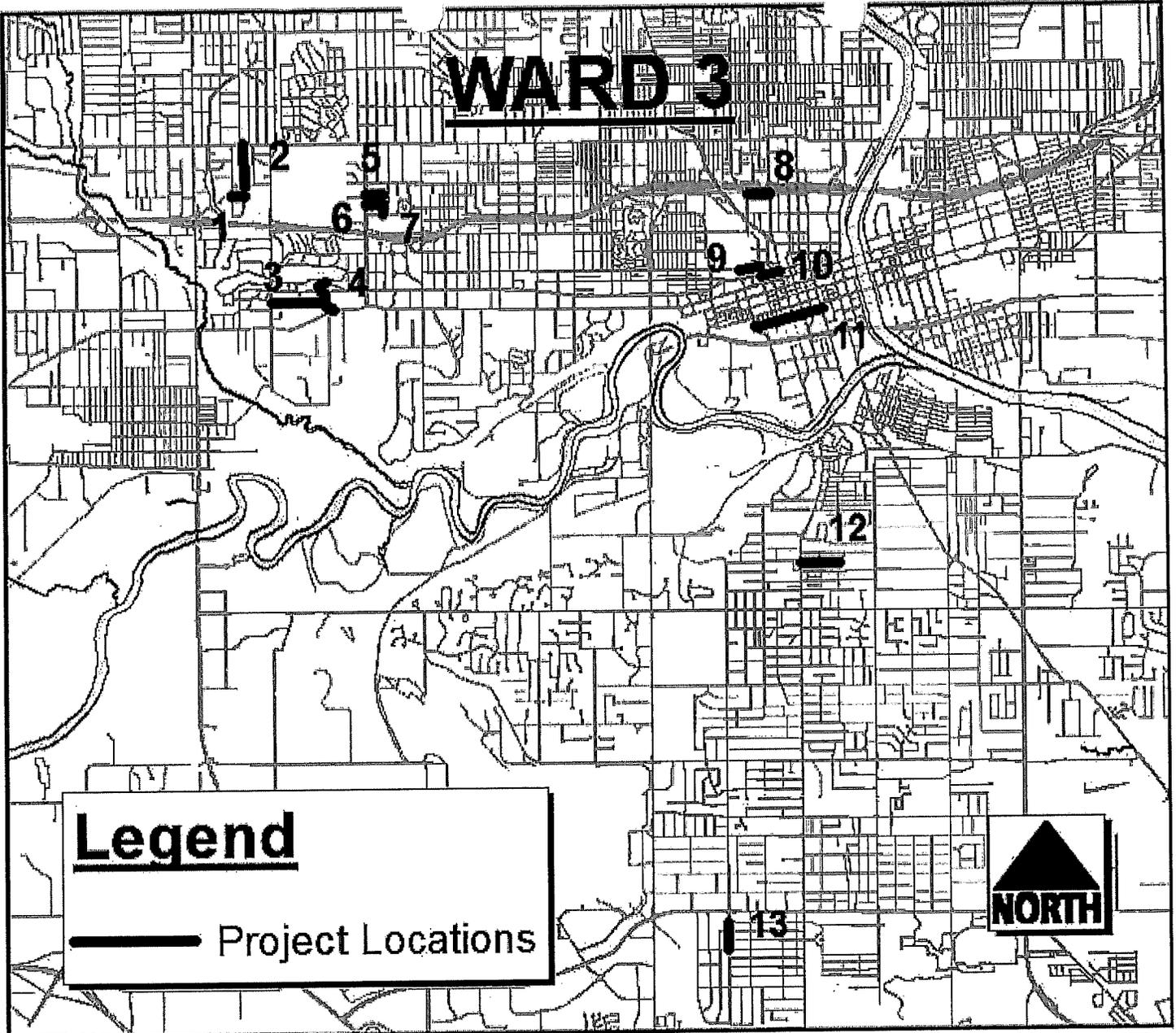


Legend
— Project Locations



1. Ovid Ave - 1st St to 2nd Ave
2. Boyd St - North Union St to E 9th St
3. Guthrie Ave - E 13th St to York St
4. York St. - Thompson Ave to Arthur Ave
5. E 9th St - E University Ave to Garfield Ave
6. Grandview Ave - E 25th St to E 27th St
7. Guthrie Ave - E 31th St to E 32nd St
8. E 36th Court - Arthur Ave to Hull Ave
9. E 37th St - Easton Blvd to E Sheridan Ave

WARD 3



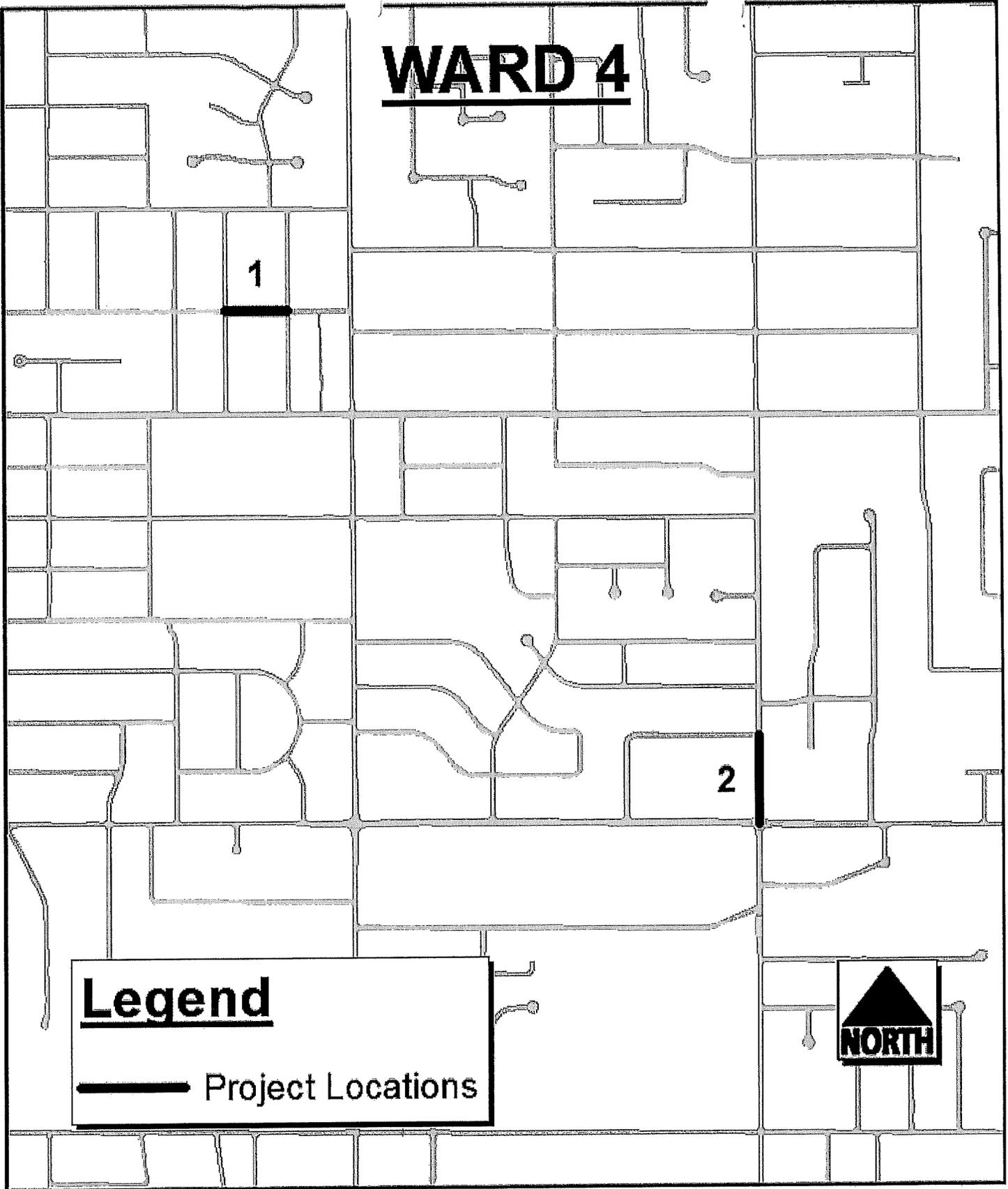
Legend

— Project Locations



1. Windsor Dr - 58th St to 59th St
2. 58th St - Kingman Blvd to Univ Ave
3. Shriver Ave - Country Club Blvd to 56th St
4. Country Club Blvd - Waterbury Rd to Grand Ave
5. Boulevard Pl - 45th Pl to Polk Blvd
6. Waveland Ct - 45th Pl to 59th St
7. 45th Pl - Chamberlin Ave to Waveland Ct
8. School St - 9th St to 12th St
9. Woodland Ave - 10th St to 12th St
10. High St - 8th St to 10th St
11. Cherry St - 5th St to 12th St
12. Creston Ave - SW 9th St to Dead End East
13. SW 14th St - West St to Burnham Ave

WARD 4



1. Rose Ave - SW 2nd St to SW 3rd St
2. SE 5th St - E Phillip St to E McKinley Ave

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PROJECT SUMMARY

2018-2019 HMA Pavement Scarification and Resurfacing

Activity ID 06-2018-005

On May 7, 2018, under Roll Call No. 18-0823, the Council awarded the contract for the above improvements to Grimes Asphalt and Paving Corporation, in the amount of \$885,168.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	8/2/2018 Add item for High Traffic HMA Asphalt mix, and reduce items for Light Traffic and Standard Traffic Asphalt mixes.	\$26,430.00
2	City	1/17/2020 Adjust several quantities to as-built amounts.	\$10,000.00
3	City	7/14/2020 Adjust final quantities to as-built amounts.	\$(909.00)
Original Contract Amount			\$885,168.00
Total Change Orders			\$35,521.00
Percent of Change Orders to Original Contract			4.01%
Total Contract Amount			\$920,689.00

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December 21, 2020

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 2018-2019 HMA Pavement Scarification and Resurfacing, 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: \$920,689.00 As-Built Contract Cost

Funding Source: 2020-2021 CIP, Page Street - 30, Public Works - Asphalt Road Improvements, ST003, Being: \$568,531 - G.O. Bonds issued and \$352,158 - TIF backed G.O. Bonds to be issued

CERTIFICATION OF COMPLETION:

On May 7, 2018, under Roll Call No. 18-0823, 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:

2018-2019 HMA Pavement Scarification and Resurfacing, 062018005

The improvement includes scarification only of 2-inch average depth of asphalt street surfaces with specified milling machine and equipment in a cooperative effort with the City of Des Moines Public Works Department, all in accordance with the contract documents at the following locations within the City of Des Moines:

- S.E. 5th Street from E. Philip Street to E. McKinley Avenue
- E. 9th Street from E. University Avenue to Garfield Avenue
- S.W. 14th Street from West Street to Burnham Avenue
- 16th Street from Locust Street to 15th Street
- 22nd Street from Washington Avenue to Lincoln Avenue

- 32nd Street from University Avenue to Forest Avenue
- E. 36th Court from Arthur Avenue to Hull Avenue
- E. 37th Street from Easton Boulevard to E. Sheridan Avenue
- 39th Street from Hickman Road to 40th Street
- 43rd Street from University Avenue to Forest Avenue
- 45th Place from Chamberlin Avenue to Waveland Court
- 47th Street from Amick Avenue to Euclid Avenue
- 58th Street from Kingman Boulevard to University Avenue
- 59th Street from Grand Avenue south to dead end
- 59th Street from Grand Avenue to Waterbury Road
- Beaver Avenue from 41st Street to 300 feet south
- Beaver Avenue from Forest Avenue to Clark Street

Boulevard Place from 45th Place to Polk Boulevard
 Boyd Street from North Union Street to E. 9th Street
 Cherry Street from 5th Street to 12th Street
 Country Club Boulevard from Waterbury Road to Ingersoll Avenue
 Country Club Boulevard from Ingersoll Avenue to Grand Avenue
 Creston Avenue from S.W. 9th Street east to dead end
 Grandview Avenue from E. 25th Street to E. 27th Street
 Guthrie Avenue from E. 13th Street to York Street
 Guthrie Avenue from E. 31st Street to E. 32nd Street
 High Street from 8th Street to 10th Street
 Ovid Avenue from 1st Street to 2nd Avenue
 Rose Avenue from S.W. 2nd Street to S.W. 3rd Street
 School Street from 9th Street to 12th Street
 Shriver Avenue from Country Club Boulevard to 56th Street
 Wallace Lane from Ashby Avenue to Ashby Avenue
 Waveland Court from 45th Place to Polk Boulevard
 Westover Boulevard from Hickman Road to Holcomb Avenue
 Westover Boulevard from Robin Drive to Urbandale Avenue
 Windsor Drive from 58th Street to 59th Street
 Woodland Avenue from 10th Street to 12th Street
 York Street from Guthrie Avenue to Arthur Avenue
 York Street from Thompson Avenue to Guthrie Avenue.

- The improvement includes scarification only of 3-inch average depth of asphalt street surfaces with specified milling machine and equipment in a cooperative effort with the City of Des Moines Public Work Department; all in accordance with the contract documents at the following locations within the City of Des Moines:

S.E. 7th Street from E. Lacona Avenue to E. Bell Avenue
 E. Broad Street from S.E. 5th Street to S.E. 7th Street
 Hillside Avenue from S.W. 9th Street to Bancroft Street
 King Avenue from S.E. 14th Street to S.E. 8th Court
 Kirkwood Avenue from South Union Street to Indianola Avenue
 Palmer Place from Courtland Avenue east to dead end

- The improvement includes furnishing all labor, materials and equipment necessary to construct a Hot Mix Asphalt (HMA) surfacing overlay of a single 2-inch lift on existing street surface, together with other incidental and related work; all in accordance with the contract documents at the following locations within the City of Des Moines:

16th Street from Locust Street to 15th Street
 59th Street from Grand Avenue south to dead end
 59th Street from Grand Avenue to Waterbury Road
 Cherry Street from 5th Street to 12th Street
 High Street from 8th Street to 10th Street
 Woodland Avenue from 10th Street to 12th Street.

- The improvement includes construction of sidewalk ramps with Portland Cement Concrete (PCC) sidewalk four (4) inches, six (6) inches or eight (8) inches thick, together with all necessary appurtenances; in accordance with the contract documents, at the following intersections located within the City of Des Moines:

1st Street & Ovid Avenue
S.E. 8th Court & King Avenue
16th Street & Walnut Street
39th Street & 40th Street
43rd Street & Forest Avenue
45th Place & Chamberlin Avenue
45th Place & Waveland Court
45th Place & Boulevard Place
47th Street & Amick Avenue
47th Street & Euclid Avenue
Hillside Avenue & Motley Street
Indianola Avenue & E. Kirkwood Avenue
Westover Boulevard & Robin Drive.

I hereby certify that the construction of said 2018-2019 HMA Pavement Scarification and Resurfacing, Activity ID 062018005, 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 July 2, 2018, and was completed on December 3, 2020.

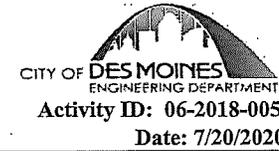
I further certify that \$920,689.00 is the total cost of said improvement, of which \$893,068.33 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$27,620.67 is to be paid at the end of thirty days, with 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

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Estimate of Construction Completed
 For work done from 6/22/2020 to 7/19/2020
 Partial Payment No. 13 (FINAL)



Project: 2018-2019 HMA Pavement Scarification and Resurfacing
Contractor: Grimes Asphalt and Paving Corporation

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	Calendar year 2018: Pavement milling; two (2) inch average thickness (this item includes milling, loading, and hauling)	SY	62,000.00	67,070.00	67,070.00	\$3.20	\$214,624.00
2	Calendar year 2019: Pavement milling; two (2) inch average thickness (this item includes milling, loading, and hauling)	SY	42,000.00	16,935.00	16,935.00	\$3.20	\$54,192.00
3	Calendar year 2018: Pavement milling; three (3) inch average thickness (this item includes milling, loading, and hauling)	SY	7,800.00	1,636.00	1,636.00	\$3.25	\$5,317.00
4	Calendar year 2019: Pavement milling; three (3) inch average thickness (this item includes milling, loading, and hauling)	SY	5,200.00	3,408.00	3,408.00	\$3.25	\$11,076.00
5	Calendar year 2018: Two (2) inch (in place) hot mix asphalt overlay (includes placement and compaction of HMA, and furnishing and placement of tack)	SY	13,000.00	12,182.00	12,182.00	\$2.50	\$30,455.00
6	Calendar year 2019: Two (2) inch (in place) hot mix asphalt overlay (includes placement and compaction of HMA, and furnishing and placement of tack)	SY	8,700.00	0.00	0.00	\$2.50	\$0.00
7	Calendar year 2018: HMA LT Surface, 1/2" Mix, No Fric, PG 58-28S	TON	750.00	0.00	0.00	\$73.00	\$0.00
8	Calendar year 2019: HMA LT Surface, 1/2" Mix, No Fric, PG 58-28S	TON	475.00	0.00	0.00	\$73.00	\$0.00
9	Calendar year 2018: HMA ST Surface, 1/2" Mix, No Fric, PG 58-28H	TON	1,100.00	0.00	0.00	\$76.00	\$0.00
10	Calendar year 2019: HMA ST Surface, 1/2" Mix, No Fric, PG 58-28H	TON	700.00	0.00	0.00	\$76.00	\$0.00
11	Milling Transverse PCC Joints (3" Max Depth)	LF	1,000.00	0.00	0.00	\$10.00	\$0.00
12	Milling Longitudinal PCC Joints (3" Max Depth)	LF	700.00	0.00	0.00	\$8.00	\$0.00
13	Temporary Painted Pavement Marking, Waterborne or Solvent Based	STA	180.00	28.72	28.72	\$75.00	\$2,154.00
14	Painted Pavement Marking, Waterborne Based	STA	60.00	85.00	85.00	\$206.00	\$17,510.00
15	Painted Symbols and Legend, Waterborne or Solvent Based	EACH	4.00	8.00	8.00	\$94.00	\$752.00
16	Durable Pavement Markings, Epoxy	STA	220.00	19.00	19.00	\$136.00	\$2,584.00
17	Durable Pavement Symbols & Legend, Epoxy	EACH	5.00	0.00	0.00	\$212.00	\$0.00
18	Inlay Pavement Markings, Profiled Marking Tape	STA	16.00	0.00	0.00	\$806.00	\$0.00
19	Inlay Pavement Markings, Symbols & Legends, Tape	EACH	2.00	0.00	0.00	\$412.00	\$0.00
20	Grooves Cut for Pavement Markings	STA	226.00	19.00	19.00	\$83.00	\$1,577.00
21	Grooves Cut for Symbols and Legends	EACH	2.00	0.00	0.00	\$142.00	\$0.00
22	Sidewalk, 5" PCC Class 'A', Remove and Replace	SY	10.00	7.00	7.00	\$366.00	\$2,562.00
23	Sidewalk, 4" PCC Class 'B', Remove and Replace	SY	90.00	112.00	112.00	\$75.00	\$8,400.00
24	Sidewalk, Through Alley, 7" PCC, Remove and Replace	SY	15.00	0.00	0.00	\$151.00	\$0.00
25	Sidewalk, Through Driveway, 6" PCC, Remove and Replace	SY	15.00	0.00	0.00	\$146.00	\$0.00
26	Sidewalk, ADA Compliant Ramp, 6" PCC, Remove and Replace	SY	205.00	85.00	85.00	\$92.00	\$7,820.00
27	Detectable Warning Panels - Cast Iron	SF	220.00	130.00	130.00	\$47.00	\$6,110.00
28	Driveway, Removal	SY	25.00	0.00	0.00	\$110.00	\$0.00
29	Driveway, 6" PCC	SY	10.00	0.00	0.00	\$179.00	\$0.00
30	Alley Approach, 7" PCC, Remove and Replace	SY	20.00	0.00	0.00	\$152.00	\$0.00
31	Remove and Replace Curb & Gutter	LF	50.00	211.80	211.80	\$120.00	\$25,416.00

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Project: 2018-2019 HMA Pavement Scarification and Resurfacing
 Contractor: Grimes Asphalt and Paving Corporation

Activity ID: 06-2018-005
 Date: 7/20/2020

32	Saw Concrete - Horizontal	LF	20.00	0.00	0.00	\$24.00	\$0.00
33	Tree Protection Fence	LF	100.00	0.00	0.00	\$12.00	\$0.00
34	Tree Root Grinding	EA	20.00	0.00	0.00	\$177.00	\$0.00
35	Sod, Nursery in Place	SQ	10.00	0.00	0.00	\$900.00	\$0.00
36	Hydraulic Seeding	SQ	10.00	0.00	0.00	\$600.00	\$0.00
37	Modular Wall	SF	50.00	0.00	0.00	\$120.00	\$0.00
38	New Stop Box Housing	EA	2.00	0.00	0.00	\$900.00	\$0.00
39	New Stop Box Rod	EA	2.00	0.00	0.00	\$900.00	\$0.00
40	Loop Detector, Replacement, 6'x8'	EA	5.00	0.00	0.00	\$1,200.00	\$0.00
41	Loop Detector, Replacement, 6'x20'	EA	15.00	3.00	3.00	\$1,700.00	\$5,100.00
42	Major Handhole Adjustment, Type I Precast Concrete Handhole	EA	2.00	0.00	0.00	\$1,100.00	\$0.00
43	Major Handhole Adjustment, Type II or III Polymer Concrete Handhole	EA	2.00	0.00	0.00	\$1,450.00	\$0.00
1.01	HMA High Traffic (HT) Surface, 1/2" Mix, No Fric, PG 58-28H	TON	0.00	1,563.00	1,563.00	\$91.00	\$142,233.00
2.01	Waverly Drive Grading / Storm Sewer	LS	0.00	1.00	1.00	\$154,000.00	\$154,000.00
2.02	11th Street Grading	LS	0.00	1.00	1.00	\$44,000.00	\$44,000.00
2.03	Amick Avenue Curb Replacement	LF	0.00	107.00	2,640.10	\$70.00	\$184,807.00

CO 3 Adjust Contract Item Amounts to As-Built Quantities

Total Contract Amount Plus Change Orders	\$920,689.00		
Partial Payment No. 1	\$39,914.34		
Partial Payment No. 2	\$276,129.94		
Partial Payment No. 3	\$35,527.03		
Partial Payment No. 4	\$24,583.68		
Partial Payment No. 5	\$13,578.30		
Partial Payment No. 6	\$10,820.55		
Partial Payment No. 7	\$27,177.02		
Partial Payment No. 8	\$60,510.06		
Partial Payment No. 9	\$25,574.66		
Partial Payment No. 10	\$5,998.83		
Partial Payment No. 11	\$200,974.30		
Partial Payment No. 12	\$172,279.62		
This Partial Payment	\$0.00		
Total Partial Payments	\$893,068.33		
Balance	\$27,620.67		
	100.0%		

Subtotal	\$920,689.00
Retainage (3% of subtotal)	\$27,620.67
Subtotal Less Retainage	\$893,068.33
Less Previous Payment	\$893,068.33
Amount Due	\$0.00

Prepared by: Matt Fenstermann

Checked by: Brian Hildreth