



Date December 18, 2023

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR WATROUS AVENUE FROM SW 56TH STREET TO SW 61ST STREET, VANDERPOOL CONSTRUCTION, 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 Watrous Avenue from SW 56th Street to SW 61st Street, 062022015, in accordance with the contract approved between Vanderpool Construction, Inc., Tobin Vanderpool, President, 1100 N. 14th Street, Indianola, IA, 50125, 1506, under Roll Call No. 22-0953, of June 13, 2022, 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 \$1,549,880.40 is the total cost, of which \$1,503,383.99 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 \$46,496.41 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 City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.

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

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unding Source: 2023-24 CIP, Page 156, Watrous Avenue Extension, ST308, \$716,430.40 in G.O Bonds, \$830,000 in G.O. bonds to be transferred from ST065 - PCC Pavement Replacement Program, and the remaining \$3,450 from Des Moines Water Works

Table with columns: COUNCIL ACTION, YEAS, NAYS, PASS, ABSENT. Rows include COUNCIL MEMBERS (COWNIE, BOESEN, COLEMAN, GATTO, MANDELBAUM, VOSS, WESTERGAARD, TOTAL) and MOTION CARRIED.

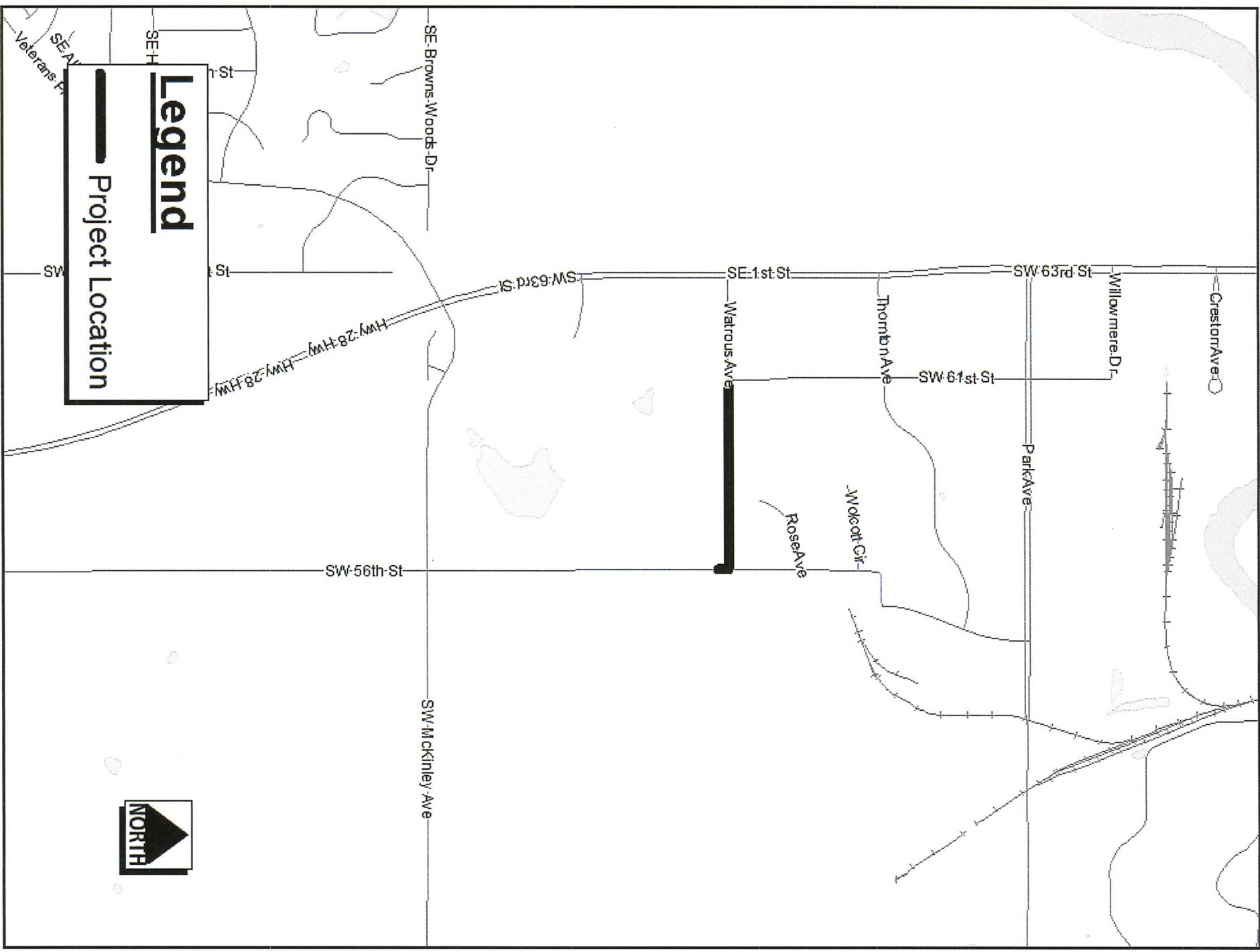
CERTIFICATE

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

\_\_\_\_\_  
Mayor



**Legend**  
— Project Location





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## PROJECT SUMMARY

Watrous Avenue from SW 56th Street to SW 61st Street

Activity ID 062022015

On June 13, 2022, under Roll Call No. 22-0953, the Council awarded the contract for the above improvements to Vanderpool Construction, Inc., in the amount of \$1,533,497.95. Tabulated below is a history of project change orders.

<u>Change Order No.</u>	<u>Initiated By</u>	<u>Description</u>	<u>Amount</u>
1	City	9/13/2022 Change to include additional scour erosion protection and standard manhole change.	\$2,640.00
2	City	6/5/2023 Manhole Adjustment, Major	\$4,900.00
3	City	10/30/2023 As-constructed change order	\$8,842.45
<b>Original Contract Amount</b>			\$1,533,497.95
<b>Total Change Orders</b>			\$16,382.45
<b>Percent of Change Orders to Original Contract</b>			1.07%
<b>Total Contract Amount</b>			\$1,549,880.40

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Department of Engineering  
City of Des Moines, Iowa



December 18, 2023

**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the Watrous Avenue from SW 56th Street to SW 61st Street, Vanderpool Construction, Inc.

**SYNOPSIS:**

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

**FISCAL IMPACT:**

Amount: \$1,549,880.40 As-Built Contract Cost

Funding Source: 2023-24 CIP, Page 156, Watrous Avenue Extension, ST308, Being:  
\$716,430.40 in G.O Bonds, \$830,000 in G.O. bonds to be transferred from ST065 - PCC Pavement Replacement Program, and the remaining \$3,450 from Des Moines Water Works

**CERTIFICATION OF COMPLETION:**

On June 13, 2022, under Roll Call No. 22-0953, the City Council awarded a contract to Vanderpool Construction, Inc., Tobin Vanderpool, President, 1100 N. 14th Street, Indianola, IA 50125-1506 for the construction of the following improvement:

Watrous Avenue from SW 56th Street to SW 61st Street, 062022015

The improvement includes street construction with a 27-foot wide back-to-back Portland Cement Concrete (PCC) roadway 7-inches thick, modified subbase, subdrain, subgrade treatment, grading, pavement removal, PCC driveways, PCC sidewalk, storm sewer, intakes, storm manholes, traffic control, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File No. 642-176/289, located at Watrous Avenue from S.W. 56th Street to S.W. 61st Street, Des Moines, Iowa

I hereby certify that the construction of said Watrous Avenue from SW 56th Street to SW 61st Street, Activity ID 062022015, 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 30, 2022, and was completed on November 17, 2023.

I further certify that \$1,549,880.40 is the total cost of said improvement, of which \$1,503,383.99 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 \$46,496.41 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**



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**ESTIMATE OF CONSTRUCTION COMPLETED  
FOR WORK DONE FROM 10/01/23 to 10/02/23  
FINAL PAYMENT**

**PROJECT: Watrous Avenue from SW 56th Street to SW 61st Street  
CONTRACTOR: Vanderpool**

**IDOT #: 0  
ACTIVITY ID: 06-2022-015  
DATE: 11/16/2023**

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
1	Clearing and Grubbing	AC	3.90	3.90	3.90	0.00	\$ 10,780.00	\$42,042.00
2	Topsoil, On-Site	CY	4,534.00	4,534.00	4,534.00	0.00	\$ 12.80	\$58,035.20
3	Excavation, Class 10	CY	12,787.00	12,851.33	12,851.33	0.00	\$ 7.20	\$92,529.58
4	Excavation, Class 10, Borrow	CY	5,926.00	5,926.00	5,926.00	0.00	\$ 16.10	\$95,408.60
5	Below Grade Excavation, Core Out	CY	443.00	443.00	443.00	0.00	\$ 14.60	\$6,467.80
6	Subgrade Preparation	SY	4,658.00	5,560.50	5,560.50	0.00	\$ 4.40	\$24,466.20
7	Subbase, Modified, 6" Depth	SY	5,941.00	5,700.34	5,700.34	0.00	\$ 12.40	\$70,684.22
8	Removal of Known Pipe Culvert, CMP, 24"	LF	36.00	36.00	36.00	0.00	\$ 32.00	\$1,152.00
9	Replacement of Unsuitable Backfill Material	CY	443.00	0.00	0.00	0.00	\$ 6.00	\$0.00
10	Storm Sewer, Trenched, Class III, 15"	LF	269.00	269.00	269.00	0.00	\$ 81.00	\$21,789.00
11	Storm Sewer, Trenched, Class III, 18"	LF	784.00	784.00	784.00	0.00	\$ 84.00	\$65,856.00
12	Storm Sewer, Trenched, Class III, 24"	LF	157.00	157.00	157.00	0.00	\$ 114.00	\$17,898.00
13	Storm Sewer, Trenched, RCP, Class III, 72"	LF	118.00	118.00	118.00	0.00	\$ 567.00	\$66,906.00
14	Pipe Culvert, Trenched, RCP, Class III, 36" RE	LF	40.00	40.00	40.00	0.00	\$ 233.00	\$9,320.00
15	Pipe Apron, 24"	EA	1.00	1.00	1.00	0.00	\$ 2,400.00	\$2,400.00
16	Pipe Apron, RCP, 36" RE	EA	2.00	2.00	2.00	0.00	\$ 3,200.00	\$6,400.00
17	Pipe Apron, RCP, 72"	EA	2.00	2.00	2.00	0.00	\$ 8,700.00	\$17,400.00
18	Footing for Concrete Pipe Apron, 36" RE	EA	2.00	2.00	2.00	0.00	\$ 1,400.00	\$2,800.00
19	Footing for Concrete Pipe Apron, 72"	EA	2.00	2.00	2.00	0.00	\$ 2,200.00	\$4,400.00
20	Pipe Apron Guard	EA	5.00	5.00	5.00	0.00	\$ 3,500.00	\$17,500.00
21	Subdrain, PVC, 6"	LF	2,785.00	2,844.00	2,844.00	0.00	\$ 21.00	\$59,724.00
22	Subdrain Cleanout, Type A-1, 6"	EA	4.00	4.00	4.00	0.00	\$ 575.00	\$2,300.00
23	Subdrain Outlets and Connections, PVC, 6"	EA	21.00	20.00	20.00	0.00	\$ 500.00	\$10,000.00
24	Fire Hydrant Adjustment	EA	2.00	2.00	2.00	0.00	\$ 1,725.00	\$3,450.00
25	Manhole, SW-401 Modified, 120"	EA	1.00	0.00	0.00	0.00	\$ 60,500.00	\$0.00
26	Intake, SW-501	EA	13.00	13.00	13.00	0.00	\$ 4,700.00	\$61,100.00
27	Intake, SW-503	EA	1.00	1.00	1.00	0.00	\$ 9,100.00	\$9,100.00
28	Intake, SW-505	EA	3.00	3.00	3.00	0.00	\$ 6,900.00	\$20,700.00
29	Intake, SW-506	EA	1.00	1.00	1.00	0.00	\$ 12,100.00	\$12,100.00
30	Intake, SW-511	EA	1.00	1.00	1.00	0.00	\$ 3,900.00	\$3,900.00
31	Intake Adjustment, Minor	EA	2.00	4.00	4.00	0.00	\$ 1,400.00	\$5,600.00
32	Manhole Adjustment, Minor	EA	2.00	0.00	0.00	0.00	\$ 1,300.00	\$0.00
33	Pavement, PCC, 7"	SY	4,814.00	4,889.00	4,889.00	0.00	\$ 71.00	\$347,119.00
34	Removal of Sidewalk	SY	16.00	16.00	16.00	0.00	\$ 54.00	\$864.00



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ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
	PAYMENT #2		\$	208,826.65				
	PAYMENT #3		\$	146,293.75				
	PAYMENT #4		\$	354,778.66				
	PAYMENT #5		\$	43,087.59				
	PAYMENT #6		\$	16,975.00				
	PAYMENT #7		\$	91,489.24				
	PAYMENT #8		\$	343,042.44				
	PAYMENT #9		\$	128,336.55				
	PAYMENT #10		\$	56,837.03				
	PAYMENT #11		\$	48,704.19				
	THIS PARTIAL PAYMENT		\$	-				
	TOTAL PARTIAL PAYMENTS		\$	1,503,383.99				
	BALANCE		\$	46,496.41				
	APPROXIMATE PERCENT COMPLETE			100.0%				

PREPARED BY: *Ryan Cloonan*  
Project Inspector

CHECKED BY: *Bruce Brackman*  
Project Engineer

TOTAL	\$1,549,880.40
RETAINAGE	\$ 46,496.41
TOTAL LESS RETAINAGE	\$ 1,503,383.99
LESS PREVIOUS PAYMENT	\$ 1,503,383.99
AMOUNT DUE	\$ -

FINAL PAYMENT