



Roll Call Number

Agenda Item Number

6 A

DATE May 9, 2022

ORDERING CONSTRUCTION OF
WATROUS AVENUE FROM SW 56TH STREET TO SW 61ST STREET
AND FIXING A DATE FOR RECEIVING OF BIDS ON MAY 24, 2022
AND PUBLIC HEARING ON JUNE 13, 2022
ENGINEER'S ESTIMATE IS \$1,800,000.00

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached communication recommending construction of the following improvement and the method of financing; and also including the recommendation of the Des Moines City Engineer, as the Engineer, submitting plans, specifications, form of contract documents, and Engineer's estimate of cost 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

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,800,000.00. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

BE IT FURTHER RESOLVED: That this Council hereby determines that it is necessary and advisable to construct said improvement in the manner set forth in the plans, specifications, and form of contract documents submitted by the Engineer; and that payment for the cost of said improvement shall be paid from the funding source identified below.

BE IT FURTHER RESOLVED: That a public hearing on said plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be held in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 5:00 p.m. on June 13, 2022, at which time this Council will consider any objections offered thereto or to the making of said improvement.

BE IT FURTHER RESOLVED: That proposals will be received by the City of Des Moines, at the office of the Des Moines City Clerk until 11:00 a.m. on May 24, 2022, for the construction of said improvement, and the taking of bids in the manner required by law. Proposals received will be opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 11:00 a.m. on May 24, 2022, after which the bids together with a bid tabulation and recommendation of the Engineer will be presented to the City Council at its next meeting for action thereon.



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BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 22-213 attached.)

Moved by _____ to adopt. Second by _____

FORM APPROVED:

FUNDS AVAILABLE

s/Kathleen Vanderpool

s/Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

Funding Source: 2022-23 CIP, Page 159, Watrous Avenue Extension, ST308, Being: \$293,000 in G.O Bonds; \$400,000 in G.O Bonds to be issued, \$1,100,000 in G.O. bonds to be transferred from ST065 - PCC Pavement Replacement Program, and the remaining \$7,000 from Des Moines Water Works

SLN
PW

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

6A

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 06-2022-015

DATE: 4/20/2022

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

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT	
			UNIT	TOTAL	UNIT PRICE	TOTAL	
0001	*	2010-B	Clearing and Grubbing	AC	3.9	\$12,500.00	\$48,750.00
0002	*	2010-D-1	Topsoil, On-Site	CY	4534	\$12.00	\$54,408.00
0003	*	2010-E	Excavation, Class 10	CY	12787	\$10.00	\$127,870.00
0004	*	2010-E	Excavation, Class 10, Borrow	CY	5926	\$18.00	\$106,668.00
0005	*	2010-F	Below Grade Excavation, Core Out	CY	443	\$15.00	\$6,645.00
0006		2010-G	Subgrade Preparation	SY	4658	\$5.00	\$23,290.00
0007		2010-J	Subbase, Modified, 6" Depth	SY	5941	\$15.00	\$89,115.00
0008	*	2010-K-2-c	Removal of Known Pipe Culvert, CMP, 24"	LF	36	\$20.00	\$720.00
0009		3010-D	Replacement of Unsuitable Backfill Material	CY	443	\$15.00	\$6,645.00
0010		4020-A-1	Storm Sewer, Trenched, Class III, 15"	LF	269	\$100.00	\$26,900.00
0011		4020-A-1	Storm Sewer, Trenched, Class III, 18"	LF	784	\$110.00	\$86,240.00
0012		4020-A-1	Storm Sewer, Trenched, Class III, 24"	LF	157	\$125.00	\$19,625.00
0013		4020-A-1	Storm Sewer, Trenched, RCP, Class III, 72"	LF	118	\$425.00	\$50,150.00
0014		4030-A-1	Pipe Culvert, Trenched, RCP, Class III, 36" RE	LF	40	\$215.00	\$8,600.00
0015		4030-B	Pipe Apron, 24"	EA	1	\$2,500.00	\$2,500.00
0016		4030-B	Pipe Apron, RCP, 36" RE	EA	2	\$4,000.00	\$8,000.00
0017		4030-B	Pipe Apron, RCP, 72"	EA	2	\$75,000.00	\$150,000.00
0018		4030-C	Footing for Concrete Pipe Apron, 36" RE	EA	2	\$1,500.00	\$3,000.00
0019		4030-C	Footing for Concrete Pipe Apron, 72"	EA	2	\$2,500.00	\$5,000.00
0020		4030-D	Pipe Apron Guard	EA	5	\$3,000.00	\$15,000.00
0021		4040-A	Subdrain, PVC, 6"	LF	2785	\$35.00	\$97,475.00
0022		4040-C	Subdrain Cleanout, Type A-1, 6"	EA	4	\$800.00	\$3,200.00
0023		4040-D	Subdrain Outlets and Connections, PVC, 8"	EA	21	\$400.00	\$8,400.00
0024		5020-I	Fire Hydrant Adjustment	EA	2	\$3,500.00	\$7,000.00
0025		6010-A	Manhole, SW-401 Modified, 120"	EA	1	\$35,000.00	\$35,000.00
0026		6010-B	Intake, SW-501	EA	13	\$6,000.00	\$78,000.00
0027		6010-B	Intake, SW-503	EA	1	\$7,000.00	\$7,000.00
0028		6010-B	Intake, SW-505	EA	3	\$8,000.00	\$24,000.00
0029		6010-B	Intake, SW-506	EA	1	\$9,500.00	\$9,500.00
0030		6010-B	Intake, SW-511	EA	1	\$6,000.00	\$6,000.00
0031		6010-E	Intake Adjustment, Minor	EA	2	\$2,500.00	\$5,000.00
0032		6010-E	Manhole Adjustment, Minor	EA	2	\$1,500.00	\$3,000.00
0033		7010-A	Pavement, PCC, 7"	SY	4814	\$75.00	\$361,050.00
0034	*	7030-A	Removal of Sidewalk	SY	16	\$20.00	\$320.00
0035		7030-E	Sidewalk, PCC, 4"	SY	839	\$70.00	\$58,730.00
0036		7030-E	Sidewalk, PCC, 6"	SY	81	\$85.00	\$6,885.00
0037		7030-G	Detectable Warning Panels	SF	68	\$50.00	\$3,400.00
0038		7030-H-1	Driveway, Paved, PCC, 7"	SY	97	\$75.00	\$7,275.00
0039		7040-A	Full-Depth Patches	SY	33	\$150.00	\$4,950.00
0040	*	7040-H	Pavement Removal	SY	752	\$15.00	\$11,280.00
0041		7999-A	Temporary Granular Surfacing	TON	130	\$35.00	\$4,550.00
0042	*	8030-A	Temporary Traffic Control	LS	1	\$10,000.00	\$10,000.00
0043	*	8030-999-A	Portable Dynamic Message Sign	DAY	14	\$200.00	\$2,800.00

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0044	8999-A	Type A Signs, Sheet Aluminum	SF	63	\$100.00	\$6,300.00
0045	8999-A	Sign Post, Perforated Square, Steel Tube Post	LF	115	\$60.00	\$6,900.00
0046	9010-B	Hydraulic Seeding, Seeding, Fertilizing, and Mulching, Type 1	AC	4.8	\$5,000.00	\$24,000.00
0047	9040-108-A	Storm Water Pollution Prevention	LS	1	\$5,000.00	\$5,000.00
0048 *	9040-D-1	Filter Sock, 9"	LF	3587	\$2.00	\$7,174.00
0049 *	9040-D-1	Filter Sock, 12"	LF	40	\$3.00	\$120.00
0050 *	9040-D-2	Filter Sock, Removal	LF	3627	\$0.25	\$906.75
0051 *	9040-E	Temporary RECP, Type 2.C	SY	2438	\$2.00	\$4,876.00
0052	9040-G	Rock Check Dam	TON	15	\$50.00	\$750.00
0053	9040-J	Rip Rap, Class A	TON	150	\$80.00	\$12,000.00
0054	9040-N-1	Silt Fence	LF	2156	\$1.50	\$3,234.00
0055 *	9040-N-2	Silt Fence, Removal of Sediment	LF	173	\$0.50	\$86.50
0056 *	9040-N-3	Silt Fence, Removal of Device	LF	1725	\$0.50	\$862.50
0057 *	9040-O-2	Stabilized Construction Entrance	TON	125	\$60.00	\$7,500.00
0058	9040-Q-2	Erosion Control Mulching, Hydromulching	AC	4.8	\$1,750.00	\$8,400.00
0059	9040-R	Turf Reinforcement Mats, Type 1	SQ	14	\$50.00	\$700.00
0060 *	9040-T-1	Inlet Protection Device, Surface Applied	EA	24	\$175.00	\$4,200.00
0061 *	9040-T-2	Inlet Protection Device, Maintenance	EA	24	\$35.00	\$840.00
0062 *	9060-E	Removal of Fence	LF	1567	\$10.00	\$15,670.00
0063 *	9999-A	Removal of Steel Beam Guardrail	LF	29	\$10.00	\$290.00
0064 *	11010-A	Construction Survey	LS	1	\$15,000.00	\$15,000.00
0065	11010-B	Monument Preservation and Replacement	LS	1	\$7,500.00	\$7,500.00
0066 *	11020-A	Mobilization	LS	1	\$69,749.25	\$69,749.25
0067 *	11050-A	Concrete Washout	LS	1	\$4,000.00	\$4,000.00

Prepared By:

Checked By: _____

TOTAL CONSTRUCTION COST

\$1,800,000.00

* Item does not have to be included in 4-year maintenance bond, but shall be covered by a 1-year maintenance bond.

* Estimate Total= \$538,986.75