



**Date** January 27, 2025

**ORDERING CONSTRUCTION OF SE 8TH STREET FORCE MAIN  
AND FIXING A DATE FOR RECEIVING OF BIDS ON FEBRUARY 11, 2025  
AND PUBLIC HEARING ON MARCH 10, 2025  
ENGINEER'S ESTIMATE IS \$4,500,000**

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:

SE 8th Street Force Main, Activity ID 082022004

The improvement includes construction of 48-inch storm sewer force main, Reinforced Concrete Pipe (RCP) storm sewer, trenchless storm sewer, manholes, cast-in-place concrete headwall, Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) pavement, rip rap, landscaping, erosion control, restoration, and associated work including cleanup and other incidental items, all in accordance with the contract documents including Plans File No. 672-207/267, located on SE 8th Street from Elm Street to the Des Moines River, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$4,500,000. 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 March 10, 2025, 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 February 11, 2025, 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 February 11, 2025, 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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Date January 27, 2025

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.

(Council Communication No. 25-042)

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: 2024-25 CIP, Page 118, Market District Infrastructure Improvements, ST282, Being: \$4,476,300 in Tax Increment Funding Bonds and the remaining \$23,700 from Des Moines Water Works

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
BOESEN				
COLEMAN				
GATTO				
MANDELBAUM				
SIMONSON				
VOSS				
WESTERGAARD				
TOTAL				

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.

MOTION CARRIED APPROVED  
\_\_\_\_\_  
Mayor

\_\_\_\_\_  
City Clerk

# CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 08-2022-004

Date: 1/6/2025

## PROJECT: SE 8TH STREET FORCE MAIN

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1 *	LEVEE BACKFILL	CY	260	\$ 70.00	\$18,200.00
2 *	STABILIZING MATERIAL	TONS	200	\$ 75.00	\$15,000.00
3 *	BOULDERS	EA	12	\$ 3,000.00	\$36,000.00
4 *	CLEARING AND GRUBBING	LS	1	\$ 5,000.00	\$5,000.00
5 *	TOPSOIL, OFF-SITE, 4" THICK	CY	1017	\$ 45.00	\$45,765.00
6 *	EXCAVATION, CLASS 10	CY	1459	\$ 35.00	\$51,065.00
7 *	SUBGRADE PREPARATION, 8"	SY	640	\$ 5.00	\$3,200.00
8 *	SUBGRADE PREPARATION, 12"	SY	5583	\$ 6.00	\$33,498.00
9 *	SUBBASE, MODIFIED, 6"	SY	6664	\$ 20.00	\$133,280.00
10 *	COMPACTED SAND BACKFILL	TONS	1000	\$ 50.00	\$50,000.00
11	STORM SEWER TRENCHED, 12" RCP	LF	48	\$ 200.00	\$9,600.00
12	STORM SEWER TRENCHED, 15" RCP	LF	32	\$ 225.00	\$7,200.00
13	STORM SEWER TRENCHED, 18" RCP	LF	16	\$ 250.00	\$4,000.00
14	STORM SEWER TRENCHED, 24" RCP	LF	32	\$ 275.00	\$8,800.00
15	STORM SEWER TRENCHED, 36" RCP	LF	16	\$ 300.00	\$4,800.00
16	SANITARY SEWER, 8" DI PIPE	LF	65	\$ 400.00	\$26,000.00
17	SANITARY SEWER, 12" DI PIPE	LF	20	\$ 450.00	\$9,000.00
18	SANITARY SEWER, 15" DI PIPE	LF	16	\$ 500.00	\$8,000.00
19 *	REMOVAL OF SEWER PIPE, 36" DIAMETER & LESS	LF	225	\$ 50.00	\$11,250.00
20	FRPM PIPE, TRENCHED, 48", STORM FORCE MAIN	LF	2197	\$ 600.00	\$1,318,200.00
21	DI PIPE, TRENCHED, 48" STORM FORCE MAIN	LF	256	\$ 850.00	\$217,600.00
22	TUNNEL #1 - FRPM PIPE, TRENCHLESS, 48"	LF	90	\$ 2,500.00	\$225,000.00
23	TUNNEL #2 - FRPM PIPE, TRENCHLESS, 48"	LF	200	\$ 2,200.00	\$440,000.00
24	TUNNEL #3 - FRPM PIPE, TRENCHLESS, WITH CASING PIPE, 48"	LF	90	\$ 3,500.00	\$315,000.00
25	SANITARY SEWER SERVICE RELOCATION	EA	8	\$ 5,000.00	\$40,000.00
26	AIR RELEASE MANHOLE	EA	1	\$ 40,000.00	\$40,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
27	BOLLARDS	EA	2	\$ 2,000.00	\$4,000.00
28	LEVEE AIR RELEASE VALVE	EA	1	\$ 10,000.00	\$10,000.00
29	6" WATER MAIN ALTERATION	EA	2	\$ 10,000.00	\$20,000.00
30	VALVE BOX ADJUSTMENT (MINOR)	EA	1	\$ 900.00	\$900.00
31	FIRE HYDRANT ADJUSTMENT	EA	1	\$ 2,800.00	\$2,800.00
32	MANHOLE, SW-301, 48", SANITARY	EA	2	\$ 10,000.00	\$20,000.00
33 *	REMOVE EXISTING MANHOLE	EA	2	\$ 2,000.00	\$4,000.00
34	HEADWALL	EA	1	\$ 175,000.00	\$175,000.00
35	MANHOLE ADJUSTMENT, MINOR	EA	8	\$ 2,500.00	\$20,000.00
36	INTAKE ADJUSTMENT, MINOR	EA	1	\$ 1,500.00	\$1,500.00
37 *	TEMPORARY PAVEMENT	SY	200	\$ 50.00	\$10,000.00
38	PAVEMENT, PCC, 7"	SY	2577	\$ 90.00	\$231,930.00
39	CURB AND GUTTER, 2'-0"	LF	560	\$ 55.00	\$30,800.00
40	PAVEMENT, HMA, 4" HT BASE, 3/4", PG 58-28S	TON	640	\$ 130.00	\$83,200.00
41	PAVEMENT, HMA, 2" HT SURFACE, 1/2", PG 58-28H	TON	330	\$ 130.00	\$42,900.00
42 *	REMOVAL OF SIDEWALK	SY	276	\$ 15.00	\$4,140.00
43 *	REMOVAL OF DRIVEWAY	SY	195	\$ 15.00	\$2,925.00
44	SIDEWALK, PCC, 4"	SY	301	\$ 60.00	\$18,060.00
45	SIDEWALK, PCC, 6"	SY	122	\$ 90.00	\$10,980.00
46	TRAIL, PCC, 6"	SY	78	\$ 90.00	\$7,020.00
47	DETECTABLE WARNING	SF	160	\$ 50.00	\$8,000.00
48	DRIVEWAY, PCC, 6"	SY	444	\$ 90.00	\$39,960.00
49 *	GRANULAR SURFACING	TON	500	\$ 40.00	\$20,000.00
50 *	REMOVAL OF PAVEMENT	SY	3819	\$ 15.00	\$57,285.00
51 *	REMOVAL OF STREET PAVEMENT - MILLING, 2"	SY	503	\$ 10.00	\$5,030.00
52 *	REMOVAL OF STREET PAVEMENT - MILLING, SEAL COAT, FULL DEPTH	SY	792	\$ 10.00	\$7,920.00
53 *	REMOVE AND REPLACE SIGN, AS PER PLAN	EA	19	\$ 325.00	\$6,175.00
54 *	PERFORATED SQUARE STEEL POST	LF	70	\$ 20.00	\$1,400.00
55 *	PERFORATED SQUARE STEEL POST ANCHORS	EA	6	\$ 450.00	\$2,700.00
56 *	TEMPORARY TRAFFIC CONTROL	LS	1	\$ 30,000.00	\$30,000.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
57 *	SOD	SQ	376	\$ 150.00	\$56,400.00
58 *	HYDRAULIC SEEDING FERTILIZING, AND MULCHING: TYPE 1	AC	0.65	\$ 5,000.00	\$3,250.00
59 *	HYDRAULIC SEEDING FERTILIZING, AND MULCHING: TYPE 4	AC	0.84	\$ 3,000.00	\$2,520.00
60 *	HYDRAULIC SEEDING FERTILIZING, AND MULCHING: TYPE 2 LEVEE	AC	0.18	\$ 5,000.00	\$900.00
61 *	RIP-RAP, CLASS B	TONS	350	\$ 75.00	\$26,250.00
62 *	RIP-RAP, CLASS E	TONS	105	\$ 75.00	\$7,875.00
63 *	STORMWATER POLLUTION PREVENTION	LS	1	\$ 10,000.00	\$10,000.00
64 *	FILTER SOCK, 9" INSTALLATION AND REMOVAL	LF	5000	\$ 3.00	\$15,000.00
65 *	INLET PROTECTION DEVICE	EA	28	\$ 175.00	\$4,900.00
66 *	STABILIZED CONSTRUCTION ENTRANCE	LS	1	\$ 10,000.00	\$10,000.00
67 *	EROSION CONTROL MULCHING	AC	0.84	\$ 2,000.00	\$1,680.00
68 *	TEMPORARY ROLLED EROSION CONTROL PRODUCT, TYPE 2C	SY	895	\$ 5.00	\$4,475.00
69 *	TREE PROTECTION FENCING	LF	400	\$ 6.00	\$2,400.00
70 *	TREE TRUNK PROTECTION	EA	50	\$ 400.00	\$20,000.00
71 *	CONSTRUCTION SURVEY	LS	1	\$ 60,000.00	\$60,000.00
72 *	MOBILIZATION	LS	1	\$ 311,267.00	\$311,267.00
73 *	MAINTENANCE OF POSTAL SERVICE	LS	1	\$ 4,500.00	\$4,500.00
74 *	COORDINATION OF SOLID WASTE COLLECTION	LS	1	\$ 1,500.00	\$1,500.00
75 *	CONCRETE WASHOUT	LS	1	\$3,000.00	\$3,000.00

Prepared By: RADERMACHER

Checked By: \_\_\_\_\_

**TOTAL CONSTRUCTION COST** \$4,500,000.00

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

\* Estimate Total= \$1,099,750.00