



Date January 13, 2025

**ORDERING CONSTRUCTION OF 2025 SEWER LINING PROGRAM
AND FIXING A DATE FOR RECEIVING OF BIDS ON JANUARY 28, 2025
AND PUBLIC HEARING ON FEBRUARY 24, 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:

2025 Sewer Lining Program, Activity ID 072025001

The improvement includes the rehabilitation of approximately 22,000 lineal feet of 8-inch through 36-inch diameter sanitary sewers with cured-in-place pipe (CIPP) lining, bypass pumping, sewer cleaning and televising, sewer spot repairs, sewer spot lining, manhole rehabilitation, and other related items, all in accordance with the contract documents including Plan File No. 672-163/193 at the following locations: 30th Street, 32nd Street, 34th Street, 38th Place, 38th Street, 3rd Street, 40th Street, 41st Street, 42nd Street, Allison Ave, Bel Aire Road, Bennett Avenue, Crestmoor Place, Douglas Avenue, E. 36th Street, E. 39th Street, E. Kenyon Avenue, Hickman Avenue, Hughes Avenue, Jefferson Ave, Lincoln Ave, Lindlavista Way, Marianna Trail, Rose Avenue, Shawnee Avenue, SW 12th Street, SW 13th Street, SW 8th Street, SW 9th Street, Thornton Avenue, Twana Drive, University Avenue, Valdez Drive, Waterbury Circle, Watrous Avenue, Woodland Cemetery, and other locations in the City as directed by the Engineer in 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 February 24, 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 January 28, 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 January 28, 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.



Roll Call Number

Agenda Item Number

7D

Date January 13, 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. 25-018)

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 85, Sanitary Sewer Lining and Repairs, SS049, Being: \$2,369,200 General Fund transfer made possible with American Rescue Plan Act (ARPA) Funds (Sanitary Sewer) and the remaining \$2,130,800 from Sanitary Sewer Fund

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

7D

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 07-2025-001

Date: 12/16/24

PROJECT: 2025 Sewer Lining Program

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1 *	Replacement of Unsuitable Backfill Material	TON	50	\$40.00	\$2,000.00
2	Pipe Lining, CIPP, 8"	LF	2400	\$45.00	\$108,000.00
3	Pipe Lining, CIPP, 10"	LF	17000	\$50.00	\$850,000.00
4	Pipe Lining, CIPP, 12"	LF	1500	\$55.00	\$82,500.00
5	Pipe Lining, CIPP, 15"	LF	1200	\$100.00	\$120,000.00
6	Pipe Lining, CIPP, 18"	LF	900	\$125.00	\$112,500.00
7	Pipe Lining, CIPP, 30"	LF	1500	\$175.00	\$262,500.00
8	Pipe Lining, CIPP, 36"	LF	250	\$380.00	\$95,000.00
9	Sewer Service Reconnection	EACH	400	\$100.00	\$40,000.00
10 *	Bypass Pumping	LS	1	\$75,000.00	\$75,000.00
11	Spot Repairs by Pipe Replacement, Less Than 24" Diameter, Less Than 12' Depth	EACH	6	\$27,500.00	\$165,000.00
12	Spot Repairs by Pipe Replacement, 24" to 48" Diameter, Less Than 12' Depth	EACH	4	\$45,000.00	\$180,000.00
13	Spot Repairs by Pipe Replacement, Less Than 24" Diameter, 12' to 20' Depth	EACH	6	\$45,000.00	\$270,000.00
14	Spot Repairs by Pipe Replacement, 24" to 48" Diameter, 12' to 20' Depth	EACH	4	\$65,000.00	\$260,000.00
15	Spot Repairs by Pipe Replacement, Less Than 24" Diameter, Greater Than 20' Depth	EACH	6	\$60,000.00	\$360,000.00
16	Spot Repairs by Pipe Replacement, 24" to 48" Diameter, Greater Than 20' Depth	EACH	2	\$75,000.00	\$150,000.00
17 *	Dewatering for Spot Repair	EACH	4	\$20,000.00	\$80,000.00
18	Sewer Service Connection Repair made During Spot Repair	EACH	50	\$5,000.00	\$250,000.00
19 *	Sewer Cleaning and Video Inspection, Less Than 30" Diameter	LF	23000	\$6.00	\$138,000.00
20 *	Sewer Cleaning and Video Inspection, 30" Diameter or Greater	LF	1750	\$10.00	\$17,500.00
21	Manhole Enlargement	EACH	2	\$50,000.00	\$100,000.00
22	Manhole, 48" Diameter Structure	EACH	2	\$30,000.00	\$60,000.00
23	Manhole, Type SW-302	EACH	2	\$30,000.00	\$60,000.00
24	Minor Manhole Adjustment	EACH	5	\$2,500.00	\$12,500.00
25	Major Manhole Adjustment	EACH	5	\$7,500.00	\$37,500.00
26 *	Imported Granular Backfill	TON	100	\$75.00	\$7,500.00

7D

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
27 *	Traffic Control for Spot Repair, Residential Street	EACH	5	\$750.00	\$3,750.00
28 *	Traffic Control for Spot Repair, Non-Residential Street	EACH	5	\$2,500.00	\$12,500.00
29	Composite Pavement	SY	250	\$250.00	\$62,500.00
30	PCC Pavement, 6"	SY	200	\$175.00	\$35,000.00
31	PCC Pavement, 8"	SY	200	\$200.00	\$40,000.00
32	Temporary Cap for Composite Pavement Patch	SY	100	\$75.00	\$7,500.00
33	PCC Curb & Gutter	LF	200	\$100.00	\$20,000.00
34	PCC Sidewalk	SY	100	\$80.00	\$8,000.00
35 *	Pavement Removal	SY	500	\$30.00	\$15,000.00
36 *	Traffic Control	LS	1	\$25,000.00	\$25,000.00
37 *	Flagger, Uniformed Police Officer	DAY	10	\$550.00	\$5,500.00
38 *	Hydraulic Seeding, Seeding, Fertilizing, and Mulching	ACRE	0.5	\$25,000.00	\$12,500.00
39 *	Sodding	SQ	100	\$250.00	\$25,000.00
40 *	Filter Sock	LF	200	\$8.00	\$1,600.00
41 *	Remove Filter Sock	LF	200	\$3.00	\$600.00
42 *	Tree Protection Fence	LF	100	\$15.00	\$1,500.00
43 *	Mobilization	LS	1	\$303,550.00	\$303,550.00
44 *	Mobilization for Emergency Spot Repair	EACH	10	\$2,500.00	\$25,000.00
Prepared By: Matt Becker					
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= \$751,500.00