

DATE September 28, 2015

ORDERING CONSTRUCTION OF
2015 SEWER LINING PROGRAM
AND FIXING A DATE FOR RECEIVING OF BIDS ON OCTOBER 13, 2015
AND PUBLIC HEARING ON OCTOBER 26, 2015
ENGINEER'S ESTIMATE IS \$3,150,000.00

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:

2015 Sewer Lining Program, 07-2016-001

The improvement includes the renovation of 6,150 lineal feet of 10-inch through 60-inch diameter sanitary and storm sewers with cured-in-place pipe (CIPP) lining, 50 lineal feet of 54-inch storm sewer with sliplining, and 250 lineal feet of 90-inch storm sewer with centrifugally cast cementitious lining. Also included is by-pass pumping, sewer cleaning and televising, sewer spot repairs, manhole rehabilitation, and other related items; all in accordance with the contract documents, including Plan File Numbers 570-094/112 at the following locations: Carpenter Avenue, 15th Place, E. 1st Street, E. 6th Street, E. 5th Street, E. 13th Street, 30th Street, S.W. 28th Street, 2nd Avenue, S.W. 7th Street, E. Titus Avenue, 34th Street, and S.W. 7th Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$3,150,000.00. 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 October 26, 2015, 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 October 13, 2015, 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 October 13, 2015, 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

6B

DATE September 28, 2015

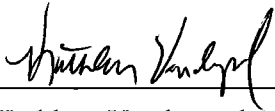
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders and Notice of Public Hearing for said improvement be published in the Des Moines Register as provided and directed by Chapter 26 and/or 314, Code of Iowa.

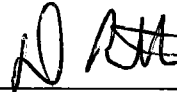
(City Council Communication Number 15-500 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE





Kathleen Vanderpool
Deputy City Attorney

Daniel E. Ritter
Des Moines Finance Director

AE Funding Source: 2015-2016 CIP, Page Sanitary – 8, Lining Sanitary Trunk and Lateral Sewers, SS049, Being: \$2,486,187.50 in Lining Sanitary Trunk and Lateral Sewer, and the remaining \$663,812.50 in Storm Water Utility Funds from SM057, City-wide Storm Water Utility Projects

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MAHAFFEY				
MOORE				
TOTAL				

MOTION CARRIED

APPROVED

Mayor

I, Diane Rauh, 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

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CONSTRUCTION ESTIMATE

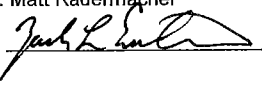
DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 07-2016-001
IDOT Project No: None
Date: 9/9/2015

2015 SEWER LINING PROGRAM

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* Traffic Control	LS	1	\$50,000.00	\$50,000.00
2	* Mobilization	LS	1	\$100,000.00	\$100,000.00
3	Sewer Liner, 10" CIPP	LF	250	\$35.00	\$8,750.00
4	Sewer Liner, 12" CIPP	LF	725	\$45.00	\$32,625.00
5	Sewer Liner, 21" CIPP	LF	400	\$125.00	\$50,000.00
6	Sewer Liner, 24" CIPP	LF	125	\$150.00	\$18,750.00
7	Sewer Liner, 30" CIPP	LF	800	\$160.00	\$128,000.00
8	Sewer Liner, 36" CIPP	LF	350	\$175.00	\$61,250.00
9	Sewer Liner, 48" CIPP	LF	3250	\$275.00	\$893,750.00
10	Sewer Liner, 54" CIPP	LF	170	\$400.00	\$68,000.00
11	Sewer Liner, 60" CIPP	LF	80	\$425.00	\$34,000.00
12	Sewer Liner, 48" Slip Liner	LF	50	\$600.00	\$30,000.00
13	Sewer Liner, 90" Centrifugally Cast Cementitious Pipe Liner	LF	250	\$1,000.00	\$250,000.00
14	Sewer Service Reconnection	EACH	250	\$175.00	\$43,750.00
15	Sewer Service Connection CIPP Liner	EACH	25	\$2,000.00	\$50,000.00
16	* Sewer Cleaning and Televising, 8"-30" Diam.	LF	2300	\$5.00	\$11,500.00
17	* Sewer Cleaning and Televising, 36"-90" Diam.	LF	10650	\$20.00	\$213,000.00
18	* Bypass Pumping	LS	1	\$175,000.00	\$175,000.00
19	Manhole, 48" Diameter Structure	EACH	7	\$10,000.00	\$70,000.00
20	Manhole, Type SW-304	EACH	7	\$25,000.00	\$175,000.00
21	Manhole, Type SW-403	EACH	2	\$20,000.00	\$40,000.00
22	Intake, Type SW-507	EACH	1	\$7,500.00	\$7,500.00
23	Minor Manhole Adjustment	EACH	2	\$1,250.00	\$2,500.00
24	Major Manhole Adjustment	EACH	2	\$2,500.00	\$5,000.00
25	Manhole Lining with Centrifugally Cast Mortar Liner	EACH	25	\$1,500.00	\$37,500.00
26	SE 5th Street Sinkhole Repair	LS	1	\$4,000.00	\$4,000.00
27	E. 13th Spot Repair (Repair #1)	LS	1	\$10,000.00	\$10,000.00
28	E. 13th Spot Repair (Repair #2)	LS	1	\$15,000.00	\$15,000.00
29	E. 13th Street Cavity Repair (Repair #3)	LS	1	\$4,000.00	\$4,000.00
30	30th Street Spot Repair (Repair #1)	LS	1	\$15,000.00	\$15,000.00
31	30th Street Spot Repair (Repair #2)	LS	1	\$10,000.00	\$10,000.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
32	Spot Repair, 14' Deep or Less, 21" Diam. Or Less	EACH	7	\$10,000.00	\$70,000.00
33	Spot Repair, 14' Deep or Less, Greater than 21" Diam.	EACH	5	\$12,000.00	\$60,000.00
34	Spot Repair, Greater than 14' Deep, 21" Diam. Or Less	EACH	7	\$13,000.00	\$91,000.00
35	Spot Repair, Greater than 14' Deep, Greater than 21" Diam.	EACH	5	\$15,000.00	\$75,000.00
36	Sewer Service Connection Repair made during Spot Repair	EACH	7	\$2,000.00	\$14,000.00
37 *	Traffic Control for Spot Repair, Residential Street	EACH	10	\$1,500.00	\$15,000.00
38 *	Traffic Control for Spot Repair, Non-Residential Street	EACH	10	\$2,500.00	\$25,000.00
39	Composite Pavement	SY	500	\$175.00	\$87,500.00
40	PCC Pavement, 6"	SY	300	\$60.00	\$18,000.00
41	PCC Pavement, 8"	SY	200	\$75.00	\$15,000.00
42 *	Temporary Cap for Composite Pavement Patch	SY	100	\$20.00	\$2,000.00
43	PCC Curb and Gutter	LF	20	\$40.00	\$800.00
44	PCC Sidewalk	SY	20	\$50.00	\$1,000.00
45 *	Pavement Removal	SY	750	\$15.00	\$11,250.00
46 *	Uniformed Police Officer	EACH	15	\$500.00	\$7,500.00
47 *	Sodding	SQ	15	\$150.00	\$2,250.00
48 *	Rip Rap, Class D	TON	80	\$75.00	\$6,000.00
49 *	Filter Sock	LF	100	\$4.00	\$400.00
50 *	Remove Filter Sock	LF	100	\$1.00	\$100.00
51	RCP Apron w/ Footing and Apron Guard, 48"	EACH	1	\$5,000.00	\$5,000.00
52	RCP Apron w/ Footing and Apron Guard, 54"	EACH	1	\$6,000.00	\$6,000.00
53 *	Tree Protection Fencing	LF	665	\$5.00	\$3,325.00
54 *	Mobilization for Emergency Spot Repair	EACH	10	\$2,000.00	\$20,000.00
Prepared By: Matt Radermacher					
Checked By: 					
TOTAL CONSTRUCTION COST					\$3,150,000.00

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

* Estimate Total= \$642,325.00