

DATE May 8, 2017

ORDERING CONSTRUCTION OF  
LOWER OAK AND HIGHLAND PARK SEWER SEPARATION PHASE 1  
AND FIXING A DATE FOR RECEIVING OF BIDS ON MAY 23, 2017  
AND PUBLIC HEARING ON JUNE 12, 2017  
ENGINEER'S ESTIMATE IS \$1,930,000.00

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:

Lower Oak and Highland Park Sewer Separation Phase 1, 07-2016-003

The improvement includes Reinforced Concrete Pipe (RCP) storm sewer 12-inches to 36-inches, trenchless 30-inch RCP, water main adjustments, water services, manholes, intakes, Hot Mix Asphalt (HMA) pavement, sidewalks, driveways, associated grading, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 580-117/171, located on Oak Park Avenue from 14th Street to 15th Street, 12th Street from Oak Park Avenue to Douglas Avenue, Clinton Avenue from 11th Street to 12th Street, 11th Street from Clinton Avenue to Garden Avenue, Garden Avenue from 11th Street to 200 feet west, 9th Street from Douglas Avenue to Seneca Avenue, Seneca Avenue from 9th Street to 200 feet west, 7th Street and Douglas Avenue intersection, and Boston Avenue from 7th Street to 100 feet west, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,930,000.00. 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, Municipal Service Center, 1551 E. Martin Luther King Jr. Parkway, Des Moines, Iowa, at 5:00 p.m. on June 12, 2017, 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 23, 2017, 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 Shijiazhuang Room, 2nd Floor, City Administration Building, 400 E. Court Avenue, Des Moines, Iowa, at 11:00 a.m. on May 23, 2017, 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**

6A

DATE May 8, 2017

BE IT FURTHER RESOLVED: That the City Clerk is further directed to publish a Public Notice of Storm Water Discharge in the Des Moines Register and The Business Record as required by the Iowa Department of Natural Resources.

BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the "Notice of Intent for NPDES Coverage under General Permit No. 2 for Storm Water Discharges associated with Industrial Activity for Construction Activities" on behalf of the City of Des Moines and submit said document to the Iowa Department of Natural Resources with appropriate application and permit fees.

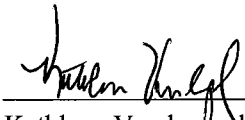
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 17-412 attached.)

Moved by \_\_\_\_\_ to adopt.

FORM APPROVED:

FUNDS AVAILABLE



Kathleen Vanderpool  
Deputy City Attorney



Daniel E. Ritter  
Des Moines Finance Director

*AE* Funding Source: 2017-2018 CIP, Page Sanitary - 9, Lower Oak Park and Highland Park Sewer Separation, SS133, Being: \$1,863,000 in SRF funding to be issued; and the remaining \$67,000 from Des Moines Water Works

COUNCIL ACTION	YEAS	NAYS	Pass	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MOORE				
WESTERGAARD				
TOTAL				
MOTION CARRIED			APPROVED	

**CERTIFICATE**

I, DIANE RAUH, 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.

\_\_\_\_\_  
Mayor

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

CA

# CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 07-2016-003  
IDOT Project No: None  
Date: 04/19/17

## PROJECT: Lower Oak and Highland Park Sewer Separation Phase 1

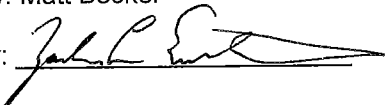
NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* Mobilization	LS	1	\$94,366.00	\$94,366.00
2	* Traffic Control	LS	1	\$20,000.00	\$20,000.00
3	* Clearing & Grubbing	LS	1	\$15,000.00	\$15,000.00
4	* Removal of Pavement	SY	5021	\$15.00	\$75,315.00
5	* Remove and Replace Brick Pavement	SY	105	\$225.00	\$23,625.00
6	* Remove and Replace Curb	LF	100	\$80.00	\$8,000.00
7	* Removal of Driveway	SY	208	\$12.00	\$2,496.00
8	* Removal of Sidewalk	SY	379	\$10.00	\$3,790.00
9	* Milling	SY	7659	\$6.00	\$45,954.00
10	Remove and Replace Storm Sewer, 24" RCP w/Tied Joints	LF	10	\$275.00	\$2,750.00
11	Remove and Replace Storm Sewer, 36" RCP w/Tied Joints	LF	35	\$300.00	\$10,500.00
12	* Intake Removal	EA	15	\$500.00	\$7,500.00
13	* Manhole Removal	EA	3	\$750.00	\$2,250.00
14	* Storm Sewer Removal, 24" Diameter or Less	LF	273	\$30.00	\$8,190.00
15	Pipe Plug, 8"	EA	4	\$150.00	\$600.00
16	Pipe Plug, 10"	EA	22	\$160.00	\$3,520.00
17	Pipe Plug, 12"	EA	4	\$175.00	\$700.00
18	Pipe Plug, 15"	EA	2	\$200.00	\$400.00
19	Pipe Plug, 18"	EA	2	\$250.00	\$500.00
20	Flowable Fill	CY	30	\$150.00	\$4,500.00
21	Storm Sewer, 12" DIP	LF	25	\$125.00	\$3,125.00
22	Storm Sewer, 15" RCP, Class III	LF	1537	\$70.00	\$107,590.00
23	Storm Sewer, 18" RCP, Class III	LF	570	\$80.00	\$45,600.00
24	Storm Sewer, 24" RCP, Class III	LF	1425	\$90.00	\$128,250.00
25	Storm Sewer, 30" RCP, Class III	LF	536	\$125.00	\$67,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
26	Storm Sewer, 30" RCP, Class IV, Jacked in Place	LF	158	\$800.00	\$126,400.00
27	6" Longitudinal Subdrain	LF	90	\$15.00	\$1,350.00
28	6" Longitudinal Subdrain Outlet	EA	1	\$150.00	\$150.00
29	Connect to Existing Intake	EA	2	\$500.00	\$1,000.00
30	Sewer Pipe Support	EA	3	\$750.00	\$2,250.00
31	Pipe Apron, 30" RCP, with Footing	EA	1	\$3,000.00	\$3,000.00
32	Manhole, Storm Sewer, SW-401, 48" Dia.	EA	5	\$4,000.00	\$20,000.00
33	Manhole, Storm Sewer, SW-401, 60" Dia.	EA	3	\$5,500.00	\$16,500.00
34	Manhole, Storm Sewer, SW-401, 72" Dia.	EA	2	\$7,000.00	\$14,000.00
35	Intake, SW-502, 48"	EA	10	\$3,500.00	\$35,000.00
36	Intake, SW-502, 60"	EA	1	\$5,000.00	\$5,000.00
37	Intake, SW-503	EA	2	\$4,500.00	\$9,000.00
38	Intake, SW-506	EA	1	\$5,500.00	\$5,500.00
39	Intake, SW-503 Modified	EA	18	\$6,000.00	\$108,000.00
40	PCC Pavement, 7"	SY	1157	\$60.00	\$69,420.00
41	PCC Pavement, 6"	SY	3756	\$55.00	\$206,580.00
42	Alley, 7" PCC	SY	52	\$52.00	\$2,704.00
43	Driveway, 6" PCC	SY	287	\$60.00	\$17,220.00
44	Sidewalk, 6" PCC	SY	166	\$55.00	\$9,130.00
45	Sidewalk, 4" PCC	SY	231	\$50.00	\$11,550.00
46 *	6" Granular Subbase	TON	600	\$35.00	\$21,000.00
47 *	Temporary Surfacing	TON	250	\$28.00	\$7,000.00
48	HMA ST Surface, 1/2" Mix, No Friction, PG 58-28H	TON	1354	\$135.00	\$182,790.00
49	Detectable Warnings for Curb Ramps	SF	269	\$50.00	\$13,450.00
50	Relocation of Water Service	EA	50	\$600.00	\$30,000.00
51	Relocate Stop Box	EA	30	\$375.00	\$11,250.00
52	New Water Service	EA	50	\$750.00	\$37,500.00
53	New Stop Box Housing	EA	50	\$450.00	\$22,500.00
54	New Stop Box Rod	EA	50	\$250.00	\$12,500.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
55 *	Check Depth of Water Service	EA	30	\$200.00	\$6,000.00
56	Lower Water Service	EA	50	\$450.00	\$22,500.00
57	Lower Water Service with New Copper	EA	50	\$1,000.00	\$50,000.00
58	Water Service Tap	EA	50	\$800.00	\$40,000.00
59 *	Stormwater Pollution Prevention	LS	1	\$5,000.00	\$5,000.00
60 *	Silt Fence, Install and Remove	LF	190	\$5.00	\$950.00
61 *	Filter Sock, 12", Install and Remove	LF	1890	\$4.00	\$7,560.00
62 *	Rolled Erosion Control, Type 1	SY	1200	\$2.50	\$3,000.00
63 *	Tree Trunk Protection	EA	17	\$125.00	\$2,125.00
64 *	Tree Protection Fence (4')	LF	200	\$8.00	\$1,600.00
65 *	Seeding, Type 2	SQ	100	\$35.00	\$3,500.00
66 *	Sod	SQ	250	\$65.00	\$16,250.00
67 *	Rip Rap, Class D	TON	50	\$75.00	\$3,750.00
68 *	Maintenance of Solid Waste Collection	LS	1	\$2,500.00	\$2,500.00
69	Repair Sanitary Sewer Service	EA	10	\$1,500.00	\$15,000.00
70	Water Main Alteration No. 1	EA	3	\$10,000.00	\$30,000.00
71	Water Main Alteration No. 2	EA	1	\$10,000.00	\$10,000.00
72	Water Main Alteration No. 3	EA	1	\$15,000.00	\$15,000.00
73	Water Main Alteration No. 4	EA	1	\$12,000.00	\$12,000.00

Prepared By: Matt Becker

Checked By: 

**TOTAL CONSTRUCTION COST** \$1,930,000.00

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

\* Estimate Total= \$386,721.00