

DATE April 17, 2017

ORDERING CONSTRUCTION OF
NEAR WEST SIDE SEWER SEPARATION PHASE 1
AND FIXING A DATE FOR RECEIVING OF BIDS ON MAY 9, 2017
AND PUBLIC HEARING ON MAY 22, 2017
ENGINEER'S ESTIMATE IS \$3,305,000.00

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:

Near West Side Sewer Separation Phase 1, 07-2017-001

The improvement includes Reinforced Concrete Pipe (RCP) storm sewer 12-inches to 48-inches, Reinforced Concrete Box Culverts, trenchless RCP 42-inches and 48-inches, water main adjustments, water services, manholes, intakes, Hot Mix Asphalt (HMA) pavements, sidewalks, driveways, associated grading, pavement markings, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 580-035/086, located on Linden Street from 29th Street to High Street, on Ingersoll Avenue from east of 28th Street to 24th Street, and along 24th Street from Ingersoll Avenue to High Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$3,305,000.00. 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 May 22, 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 9, 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 9, 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

5A

DATE April 17, 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.

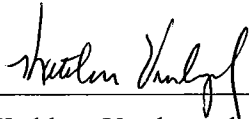
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 17.371 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE





Kathleen Vanderpool
Deputy City Attorney

Daniel E. Ritter
Des Moines Finance Director

AC Funding Source: 2017-2018 CIP, Page Sanitary – 10, Near West Side Sewer Separation, SS132, Being: \$3,018,645.75 in SRF funding to be issued; \$248,354.25 in Gaming Monies transferred from ST217; and the remaining \$38,000 from Des Moines Water Works

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

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

5A

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 07-2017-001
IDOT Project No: None
Date: 4/3/2017

PROJECT: NEAR WEST SIDE SEWER SEPARATION PHASE 1

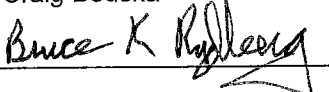
NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* Clearing and Grubbing	LS	1	\$11,000.00	\$11,000.00
2	* Topsoil, On-Site	CY	650	\$15.00	\$9,750.00
3	* Excavation, Class 10	CY	480	\$20.00	\$9,600.00
4	* Below Grade Excavation (Core Out)	CY	806	\$20.00	\$16,120.00
5	* Excavation, Disposal of Contaminated Soils	TON	500	\$50.00	\$25,000.00
6	* Subgrade Preparation	SY	10107	\$3.50	\$35,374.50
7	* Subgrade Treatment, Geogrid, Type 1	SY	2418	\$3.50	\$8,463.00
8	* Subbase, Modified	SY	8194	\$10.00	\$81,940.00
9	* Subbase, Special Backfill	SY	1531	\$8.00	\$12,248.00
10	* Class A Roadstone	TON	1670	\$24.00	\$40,080.00
11	* Trench Foundation	TON	650	\$25.00	\$16,250.00
12	* Special Pipe Embedment or Encasement	LF	135	\$300.00	\$40,500.00
13	* Sanitary Sewer Service Replacement	EA	8	\$7,000.00	\$56,000.00
14	Storm Sewer, Trenched, PVC, 6"	LF	25	\$50.00	\$1,250.00
15	Storm Sewer, Trenched, RCP, 12"	LF	152	\$75.00	\$11,400.00
16	Storm Sewer, Trenched, RCP, 15"	LF	311	\$75.00	\$23,325.00
17	Storm Sewer, Trenched, RCP, 18"	LF	184	\$80.00	\$14,720.00
18	Storm Sewer, Trenched, RCP, 24"	LF	232	\$90.00	\$20,880.00
19	Storm Sewer, Trenched, RCP, 30"	LF	312	\$125.00	\$39,000.00
20	Storm Sewer, Trenched, RCP, 36"	LF	766	\$150.00	\$114,900.00
21	Storm Sewer, Trenched, RCAP, 27"x44" (36" Equivalent)	LF	303	\$230.00	\$69,690.00
22	Storm Sewer, Trenched, RCP, 42"	LF	709	\$170.00	\$120,530.00
23	Storm Sewer, Trenched, RCP, 48"	LF	56	\$500.00	\$28,000.00
24	Storm Sewer, Trenched, RCBC, 4'x3'	LF	154	\$450.00	\$69,300.00
25	Storm Sewer, Trenched, RCBC, 5'x3'	LF	213	\$500.00	\$106,500.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
26	Storm Sewer, Trenchless, RCP, 42"	LF	550	\$1,250.00	\$687,500.00
27	Storm Sewer, Trenchless, RCP, 48"	LF	230	\$1,200.00	\$276,000.00
28	* Removal of Storm Sewer, RCP, Less Than or Equal To 30"	LF	1164	\$20.00	\$23,280.00
29	Plug Existing Sewer	EA	15	\$2,500.00	\$37,500.00
30	Pipe Apron, RCP, 15"	EA	2	\$2,000.00	\$4,000.00
31	* Subdrain, Type 1, PVC, 6"	LF	1975	\$20.00	\$39,500.00
32	* Subdrain, Type 2, PVC, 8"	LF	375	\$25.00	\$9,375.00
33	* Subdrain Cleanout, Type A-1	EA	4	\$500.00	\$2,000.00
34	* Subdrain Connections, PVC, 6"	EA	14	\$800.00	\$11,200.00
35	* Subdrain Connections, PVC, 8"	EA	2	\$800.00	\$1,600.00
36	* Roof Drain Connection, PVC, 6"	EA	2	\$750.00	\$1,500.00
37	Water Main Adjustment, Lower	EA	3	\$10,000.00	\$30,000.00
38	Water Main Adjustment, Raise	EA	1	\$8,000.00	\$8,000.00
39	* New Water Service	EA	6	\$3,000.00	\$18,000.00
40	* Water Service Tap	EA	6	\$500.00	\$3,000.00
41	Manhole Type SW-401, 60"	EA	1	\$7,000.00	\$7,000.00
42	Manhole Type SW-401, 72"	EA	2	\$9,000.00	\$18,000.00
43	Manhole Type SW-403, 84"x48"	EA	1	\$8,000.00	\$8,000.00
44	Manhole Type SW-403, 102"x60"	EA	1	\$12,000.00	\$12,000.00
45	Manhole Type SW-404, 75"x48"	EA	1	\$10,000.00	\$10,000.00
46	Manhole Type SW-404, 75"x69"	EA	1	\$12,000.00	\$12,000.00
47	Manhole Type SW-404, 84"x48"	EA	1	\$11,000.00	\$11,000.00
48	Manhole Type SW-404, 84"x75"	EA	1	\$14,000.00	\$14,000.00
49	Intake Type SW-406, 54"x48"	EA	1	\$5,500.00	\$5,500.00
50	Intake Type SW-406, 60"x48"	EA	1	\$6,500.00	\$6,500.00
51	Intake Type SW-406, 66"x48"	EA	1	\$7,500.00	\$7,500.00
52	Intake Type SW-501	EA	2	\$3,000.00	\$6,000.00
53	Intake Type SW-502, 60"	EA	1	\$5,000.00	\$5,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
54	Intake Type SW-505	EA	1	\$4,500.00	\$4,500.00
55	Intake Type SW-509	EA	6	\$5,500.00	\$33,000.00
56	Intake Type SW-513, 102"x60"	EA	1	\$12,000.00	\$12,000.00
57	Intake Type SW-541 with SW-542 Extension	EA	6	\$8,000.00	\$48,000.00
58	Intake, PVC Catch Basin, 8"	EA	1	\$2,000.00	\$2,000.00
59 *	Manhole Adjustment, Minor	EA	1	\$800.00	\$800.00
60	Connect to Existing Structure	EA	5	\$1,500.00	\$7,500.00
61	High Street Box Culvert Connection	LS	1	\$9,000.00	\$9,000.00
62 *	Remove Manhole	EA	5	\$1,500.00	\$7,500.00
63 *	Remove Intake	EA	15	\$1,200.00	\$18,000.00
64	Curb and Gutter, 2.5', 6"	LF	1103	\$42.00	\$46,326.00
65	Curb and Gutter, 2.5', 9"	LF	1056	\$48.00	\$50,688.00
66	Beam Curb	LF	16	\$60.00	\$960.00
67	Concrete Median	SY	23	\$55.00	\$1,265.00
68	Pavement, HMA HT Base, 3/4" Mix, PG 58-28 S	TON	1563	\$100.00	\$156,300.00
69	Pavement, HMA ST Base, 3/4" Mix, PG 58-28 S	TON	390	\$100.00	\$39,000.00
70	Pavement, HMA HT Surface, 1/2" Mix, No Fric., PG 58-28 V	TON	792	\$110.00	\$87,120.00
71	Pavement, HMA ST Surface, 1/2" Mix, No Fric., PG 58-28 H	TON	395	\$110.00	\$43,450.00
72	Pavement, HMA ST Surface, 1/2" Mix, No Fric., PG 58-28 S	TON	511	\$110.00	\$56,210.00
73 *	HMA Pavement Samples and Testing	LS	1	\$7,500.00	\$7,500.00
74 *	Removal of Sidewalk	SY	356	\$12.00	\$4,272.00
75 *	Removal of Driveway	SY	423	\$12.00	\$5,076.00
76	Sidewalk, PCC, 4"	SY	293	\$50.00	\$14,650.00
77	Sidewalk, PCC, 6"	SY	68	\$65.00	\$4,420.00
78	Detectable Warning	SF	40	\$40.00	\$1,600.00
79	Driveway, Paved, PCC, 7"	SY	437	\$65.00	\$28,405.00
80	9" PCC Full Depth Patches	SY	57	\$100.00	\$5,700.00
81 *	Milling	SY	347	\$30.00	\$10,410.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
82	* Pavement Removal	SY	9379	\$12.00	\$112,548.00
83	* Traffic Control	LS	1	\$27,000.00	\$27,000.00
84	* Temporary Traffic Signal	LS	1	\$10,000.00	\$10,000.00
85	* Painted Pavement Markings, Durable	STA	8.94	\$100.00	\$894.00
86	* Permanent Tape Markings, Inlay	STA	56.37	\$225.00	\$12,683.25
87	* Precut Symbols and Legends	EA	24	\$300.00	\$7,200.00
88	* Sod	SQ	440	\$80.00	\$35,200.00
89	* Stormwater Pollution Prevention	LS	1	\$9,000.00	\$9,000.00
90	* Erosion Control Mulching, Hydromulching	AC	1	\$5,000.00	\$5,000.00
91	* Linear Erosion Control	LF	1400	\$3.50	\$4,900.00
92	* Linear Erosion Control, Removal	LF	1400	\$0.50	\$700.00
93	* Wood Privacy Fence, 72"	LF	305	\$35.00	\$10,675.00
94	* Tree Protection Fence	LF	1500	\$3.50	\$5,250.00
95	* Removal of Fence	LF	305	\$5.00	\$1,525.00
96	* Combined Concrete Slab and Retaining Wall	CY	3	\$1,000.00	\$3,000.00
97	* Tree Trimming	EA	4	\$500.00	\$2,000.00
98	* Plug Monitoring Well	EA	2	\$2,000.00	\$4,000.00
99	* Mobilization	LS	1	\$78,997.25	\$78,997.25
100	* Maintenance of Postal Service	LS	1	\$3,000.00	\$3,000.00
101	* Maintenance of Solid Waste Collection	LS	1	\$3,000.00	\$3,000.00
102	* Concrete Washout	LS	1	\$1,000.00	\$1,000.00
103	* Relocate Power Pole	EA	1	\$5,000.00	\$5,000.00

Prepared By: Craig Bouska

Checked By: 

TOTAL CONSTRUCTION COST \$3,305,000.00

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

* Estimate Total= \$867,911.00