



DATE June 14, 2021

ORDERING CONSTRUCTION OF  
2021 SEWER REPAIR CONTRACT 1  
AND FIXING A DATE FOR RECEIVING OF BIDS ON JUNE 29, 2021  
AND PUBLIC HEARING ON JULY 19, 2021  
ENGINEER'S ESTIMATE IS \$1,750,000.00

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:

2021 Sewer Repair Contract 1, 082021001

The improvement includes the construction of storm sewer, sanitary sewer, manholes, intakes, Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) pavement, earthwork and grading, rip rap, erosion control, fencing, seeding, sodding, and other incidental items; in accordance with the contract documents, including Plan File Nos. 630-029/078 at the following locations: 3010 SW 40th Street, 2918 Druid Hill Drive, 912 King Avenue, 1800 block of Hartford Avenue, 7700 SE 14th Street, E Philip Street from South Union Street to SE 3rd Street, 1144 Polk Boulevard, Cummins Parkway and University Avenue, 3323 Sheridar Avenue, 48th Street and Holcomb Avenue, and 4204 30th Street, all in Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,750,000.00. 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 July 19, 2021, 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 June 29, 2021, 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 June 29, 2021, 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**

**7B**

DATE June 14, 2021

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 21-240 attached.)

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

FORM APPROVED:

FUNDS AVAILABLE

s/ Kathleen Vanderpool

s/ Nickolas J. Schaul

Kathleen Vanderpool  
Deputy City Attorney

Nickolas J. Schaul  
Director of Finance

Funding Source: 2021-2022 CIP, Page 96, City-wide Storm Water Utility Projects, SM057, Being: \$1,277,980.66 Storm Water Utility Funds, \$396,024.34 in Sanitary Sewer Funds from SS049, and the remaining \$75,995 transferred from ST013

SLW  
PW

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
WESTERGAARD				
GRAY				
BOESEN				
VOSS				
MANDELBAUM				
GATTO				
TOTAL				
MOTION CARRIED				APPROVED

I, P. Kay Cmelik, 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.

Mayor

City Clerk

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

ACT. ID 08-2021-001

DATE: 5/24/2021

PROJECT: 2021 SEWER REPAIR CONTRACT 1

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
1	* 2010-B	CLEARING AND GRUBBING	AC	2.46	\$15,000.00	\$36,900.00
2	* 2010-D-3	TOPSOIL, OFF-SITE	CY	1323	\$35.00	\$46,305.00
3	* 2010-E	EXCAVATION, CLASS 10	CY	8219	\$25.00	\$205,475.00
4	* 2010-G	SUBGRADE PREPARATION, 12 IN.	SY	251	\$5.00	\$1,255.00
5	* 2010-H	SUBGRADE TREATMENT, GEOGRID, TYPE 2	SY	193	\$5.00	\$965.00
6	* 2010-I	SUBBASE, MODIFIED	TON	299	\$40.00	\$11,960.00
7	4010-A	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 8"	LF	200	\$100.00	\$20,000.00
8	4010-A	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 10"	LF	20	\$175.00	\$3,500.00
9	4010-A	SANITARY SEWER GRAVITY MAIN, TRENCHED, SOLID WALL PVC, 12"	LF	19	\$250.00	\$4,750.00
10	* 4010-H	REMOVAL OF SANITARY SEWER	LF	78	\$30.00	\$2,340.00
11	4020-A	STORM SEWER, TRENCHED, PVC, 16"	LF	88	\$150.00	\$13,200.00
12	4020-A	STORM SEWER, TRENCHED, HDPE, 12"	LF	118	\$125.00	\$14,750.00
13	4020-A	STORM SEWER, TRENCHED, HDPE, 15"	LF	420	\$150.00	\$63,000.00
14	4020-A	STORM SEWER, TRENCHED, HDPE, 18"	LF	251	\$175.00	\$43,925.00
15	4020-A	STORM SEWER, TRENCHED, RCP, 15"	LF	33	\$175.00	\$5,775.00
16	4020-A	STORM SEWER, TRENCHED, RCP, 18"	LF	244	\$200.00	\$48,800.00
17	4020-A	STORM SEWER, TRENCHED, RCP, 24"	LF	15	\$225.00	\$3,375.00
18	4020-A	STORM SEWER, TRENCHED, RCP, 36"	LF	207	\$250.00	\$51,750.00
19	4020-A	STORM SEWER, TRENCHED, RCP, 48"	LF	32	\$275.00	\$8,800.00
20	* 4020-D	REMOVAL OF STORM SEWER <30" DIAMETER	LF	377	\$20.00	\$7,540.00
21	4030-B	PIPE APRON, RCP, 15"	EACH	1	\$2,500.00	\$2,500.00
22	4030-B	PIPE APRON, RCP, 18"	EACH	2	\$2,750.00	\$5,500.00
23	4030-B	PIPR APRON, RCP, 24"	EACH	1	\$3,000.00	\$3,000.00
24	4030-B	PIPR APRON, RCP, 36"	EACH	2	\$3,250.00	\$6,500.00
25	4030-B	PIPE APRON, RCP, 48"	EACH	1	\$3,500.00	\$3,500.00
26	* 4030-B	REMOVAL OF PIPE APRON	EACH	2	\$1,000.00	\$2,000.00
27	4030-C	FOOTING FOR CONCRETE PIPE APRON, 15"	EACH	1	\$1,500.00	\$1,500.00
28	4030-C	FOOTING FOR CONCRETE PIPE APRON, 18"	EACH	2	\$1,750.00	\$3,500.00
29	4030-C	FOOTING FOR CONCRETE PIPE APRON, 24"	EACH	1	\$2,000.00	\$2,000.00
30	4030-C	FOOTING FOR CONCRETE PIPE APRON, 36"	EACH	2	\$2,250.00	\$4,500.00
31	4030-C	FOOTING FOR CONCRETE PIPE APRON, 48"	EACH	1	\$2,500.00	\$2,500.00
32	4040-A	SUBDRAIN, 4"	LF	200	\$125.00	\$25,000.00
33	4040-A	SUBDRAIN, 6"	LF	200	\$150.00	\$30,000.00
34	4040-A	SUBDRAIN, 8"	LF	378	\$175.00	\$66,150.00
35	4040-C	SUBDRAIN CLEANOUT, TYPE A-1, 8"	EACH	3	\$750.00	\$2,250.00
36	4040-D	SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 8"	EACH	9	\$750.00	\$6,750.00
37	6010-A	MANHOLE, SW-301, 48"	EACH	3	\$5,500.00	\$16,500.00
38	6010-A	MANHOLE, SW-401, 48"	EACH	9	\$5,000.00	\$45,000.00
39	6010-A	MANHOLE, SW-401, 60"	EACH	4	\$6,000.00	\$24,000.00
40	6010-A	MANHOLE, SW-402	EACH	1	\$10,000.00	\$10,000.00
41	6010-A	NYOPLAST BASIN	EACH	1	\$3,500.00	\$3,500.00
42	6010-B	INTAKE, SW-501	EACH	4	\$5,000.00	\$20,000.00
43	6010-B	INTAKE, SW-505	EACH	1	\$7,500.00	\$7,500.00
44	6010-B	INTAKE, SW-509	EACH	3	\$12,500.00	\$37,500.00
45	6010-B	INTAKE, SW-541	EACH	2	\$12,500.00	\$25,000.00
46	6010-E	MANHOLE ADJUSTMENT, MINOR	EACH	1	\$1,500.00	\$1,500.00
47	6010-F	INTAKE ADJUSTMENT, MAJOR	EACH	2	\$3,000.00	\$6,000.00
48	* 6010-H	REMOVE MANHOLE OR INTAKE	EACH	6	\$1,000.00	\$6,000.00

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
49	7010-A	PCC PAVEMENT, 6"	SY	420	\$70.00	\$29,400.00
50	7010-E	CURB AND GUTTER, 2 FT, 7"	LF	263	\$40.00	\$10,520.00
51	7020-A	HMA SURFACE COURSE, ST, PG 58-28H ( 1/2" MIX)	TON	570	\$130.00	\$74,100.00
52 *	7030-A-0	REMOVAL OF SIDEWALK	SY	53	\$15.00	\$795.00
53 *	7030-A-0	REMOVAL OF DRIVEWAY	SY	241	\$15.00	\$3,615.00
54 *	7030-B	REMOVAL OF CURB	LF	263	\$15.00	\$3,945.00
55	7030-E-0	SIDEWALK, PCC, 5 IN. THICK	SY	204	\$65.00	\$13,260.00
56	7030-E-0	SIDEWALK, PCC, 6 IN. THICK	SY	20	\$70.00	\$1,400.00
57	7030-G-0	DETECTABLE WARNING	SF	28	\$50.00	\$1,400.00
58	7030-H-1	DRIVEWAY, PAVED, PCC, 6 IN.	SY	241	\$70.00	\$16,870.00
59 *	7030-H-2	DRIVEWAY, GRANULAR	TON	705	\$40.00	\$28,200.00
60	7040-A	FULL DEPTH PATCH, PCC	SY	247	\$125.00	\$30,875.00
61 *	7040-G	PAVEMENT MILLING	SY	4871	\$5.00	\$24,355.00
62 *	7040-H	PAVEMENT REMOVAL	SY	667	\$15.00	\$10,005.00
63 *	8030-A	TEMPORARY TRAFFIC CONTROL	LS	1	\$40,000.00	\$40,000.00
64 *	9010-A	CONVENTIONAL SEEDING, TYPE 1	AC	1.1	\$5,000.00	\$5,500.00
65 *	9010-A	CONVENTIONAL SEEDING, TYPE 2	AC	2.19	\$4,000.00	\$8,760.00
66 *	9020-A	SOD	SQ	321	\$80.00	\$25,680.00
67 *	9040-D-1	FILTER SOCK, 9 INCH DIA.	LF	800	\$4.00	\$3,200.00
68 *	9040-D-2	FILTER SOCK, REMOVAL	LF	800	\$1.00	\$800.00
69 *	9040-E-0	TEMPORARY RECP, TYPE 1	SY	4586	\$3.00	\$13,758.00
70 *	9040-J	RIP RAP, TYPE D	TONS	2543	\$75.00	\$190,725.00
71 *	9040-Q	EROSION CONTROL MULCHING, HYDROMULCHING	ACRE	1.1	\$3,500.00	\$3,850.00
72 *	9040-T-1	INLET PROTECTION DEVICE	EACH	7	\$250.00	\$1,750.00
73 *	9040-O	STABILIZED CONSTRUCTION ENTRANCE	TON	675	\$45.00	\$30,375.00
74 *	9060-A	CHAIN LINK FENCE, BLACK PVC-COATED, 42"	LF	100	\$40.00	\$4,000.00
75 *	9060-A	CHAIN LINK FENCE, 60"	LF	60	\$45.00	\$2,700.00
76 *	Estimate Ref.	WOOD PRIVACY FENCE, 6-FT	LF	175	\$60.00	\$10,500.00
77 *	Estimate Ref.	GATE, WOOD PRIVACY FENCE, 6-FT	EACH	3	\$500.00	\$1,500.00
78 *	9060-D	REMOVAL AND REINSTALLATION OF EXISTING FENCE, CHAIN-LINK, 48"	LF	166	\$30.00	\$4,980.00
79 *	9060-D	REMOVAL AND REINSTALLATION OF EXISTING FENCE, WOOD, 6'	LF	31	\$50.00	\$1,550.00
80 *	9060-E	REMOVAL OF FENCE	LF	335	\$15.00	\$5,025.00
81 *	9070-C	LANDSCAPE TIMBERS	SF	60	\$40.00	\$2,400.00
82 *	11020-A	MOBILIZATION	LS	1	\$119,442.00	\$119,442.00
83 *	11030-A	MAINTENANCE OF POSTAL SERVICE	LS	1	\$2,500.00	\$2,500.00
84 *	11030-B	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1	\$2,500.00	\$2,500.00
85 *	---	TREE PROTECTION FENCE	LF	750	\$5.00	\$3,750.00
86 *	---	LAWN IRRIGATION ADJUSTMENT, ALLOWANCE	LS	1	\$10,000.00	\$10,000.00
87 *	---	SALVAGE AND REINSTALL RIVER ROCK BED	SY	58	\$25.00	\$1,450.00
88	Estimate Ref.	CONNECT SUMP LINE TO SUBDRAIN	EACH	12	\$750.00	\$9,000.00
89 *	---	GROUT FOR RIP RAP	CY	30	\$300.00	\$9,000.00
90 *	Estimate Ref.	IMPORTED GRANULAR BACKFILL	TON	450	\$40.00	\$18,000.00
91	IADOT-2505/05.A	STEEL BEAM GUARDRAIL	LF	26	\$125.00	\$3,250.00
92 *	IADOT-2505/05.D	REMOVAL OF GUARDRAIL	LF	26	\$50.00	\$1,300.00
						\$1,750,000.00

Prepared By: M. RADERMACHER

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

**TOTAL CONSTRUCTION COST**

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

\* Estimate Total= \$916,650.00