



DATE March 21, 2022

ORDERING CONSTRUCTION OF  
WESTERN INGERSOLL RUN SEWER SEPARATION PHASE 3  
AND FIXING A DATE FOR RECEIVING OF BIDS ON APRIL 5, 2022  
AND PUBLIC HEARING ON MAY 9, 2022  
ENGINEER'S ESTIMATE IS \$5,400,000.00

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:

Western Ingersoll Run Sewer Separation Phase 3, 072021002

The improvements include 15-inch to 36-inch storm sewer pipe, 24-inch to 30-inch trenchless storm sewer pipe, storm sewer manholes, storm sewer intakes, sanitary sewer spot repairs, sanitary service adjustments, water main alterations, water services, Hot-Mix-Asphalt (HMA) pavement, Portland Cement Concrete (PCC) curb and gutter, PCC sidewalks, PCC driveways, earthwork, pavement markings, erosion control, and other incidental items; all in accordance with the contract documents, including Plan File No. 642-001/140, located on 35th Street from Ingersoll Avenue to Rollins Avenue, Woodland Avenue from 36th Street to 35th Street, Center Street from 37th Street to 35th Street, 36th Street from Grand Avenue to Ingersoll Avenue, and Grand Avenue from 36th Street to 40th Street, Des Moines, IA

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$5,400,000.00. 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 May 9, 2022, 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 April 5, 2022, 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 April 5, 2022, 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**

5C

DATE March 21, 2022

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 22-137 attached.)

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

**SLN** Funding Source: 2021-2022 CIP, Page 94, Western Ingersoll Run Sewer Separation, SS139 , Being:   
*PW* \$5,143,619 SRF Funding and the remaining \$256,381 from Des Moines Water Works

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
MANDELBAUM				
SHEUMAKER				
VOSS				
WESTERGAARD				
<b>TOTAL</b>				
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

Activity ID 07-2021-002

Date: 02/28/22

**PROJECT: WESTERN INGERSOLL RUN SEWER SEPARATION PHASE 3**

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* CLEARING AND GRUBBING	UNIT	100	120	\$12,000.00
2	* TOPSOIL, OFFSITE	CY	692	35	\$24,220.00
3	* EXCAVATION, CLASS 10	CY	6228	25	\$155,700.00
4	* BELOW GRADE EXCAVATION (CORE OUT)	CY	750	45	\$33,750.00
5	* SUBGRADE PREPARATION	SY	14472	6	\$86,832.00
6	* GRANULAR STABILIZATION	TON	2000	40	\$80,000.00
7	* SUBGRADE TREATMENT, GEOGRID, TYPE 2	SY	4710	5	\$23,550.00
8	* SUBBASE, MODIFIED, 6"	SY	3688	11	\$40,568.00
9	* SUBBASE, MODIFIED, 10"	SY	5129	18	\$92,322.00
10	* TRENCH FOUNDATION	TON	485	30	\$14,550.00
11	* REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	TON	7500	25	\$187,500.00
12	SANITARY SEWER SERVICE RELOCATION	EA	20	2500	\$50,000.00
13	STORM SEWER, TRENCHED, RCP, 15" DIA.	LF	481	120	\$57,720.00
14	STORM SEWER, TRENCHED, RCP, 15" DIA., GASKETED	LF	330	125	\$41,250.00
15	STORM SEWER, TRENCHED, RCP, 18" DIA.	LF	486	130	\$63,180.00
16	STORM SEWER, TRENCHED, RCP, 18" DIA., TIED	LF	297	135	\$40,095.00
17	STORM SEWER, TRENCHED, RCP, 24" DIA.	LF	835	140	\$116,900.00
18	STORM SEWER, TRENCHED, RCP, 24" DIA., GASKETED	LF	571	145	\$82,795.00
19	STORM SEWER, TRENCHED, RCP, 30" DIA.	LF	1891	155	\$293,105.00
20	STORM SEWER, TRENCHED, RCP, 30" DIA., GASKETED	LF	41	160	\$6,560.00
21	STORM SEWER, TRENCHED, RCP, 30" DIA., TIED	LF	137	160	\$21,920.00
22	STORM SEWER, TRENCHED, RCP, 36" DIA.	LF	191	175	\$33,425.00
23	STORM SEWER, TRENCHLESS, RCP, 24" DIA.	LF	251	800	\$200,800.00
24	STORM SEWER, TRENCHLESS, RCP, 30" DIA.	LF	438	900	\$394,200.00
25	* REMOVAL OF STORM SEWER, LESS THAN 36" DIA.	LF	90	30	\$2,700.00
26	* STORM SEWER ABANDONMENT, PLUG	EA	12	250	\$3,000.00
27	SUBDRAIN, TYPE 1, 6 IN. DIA.	LF	4910	25	\$122,750.00
28	SUBDRAIN CLEANOUT, TYPE A-1, 6"	EA	4	1250	\$5,000.00
29	SUBDRAIN OUTLETS AND CONNECTIONS, TY 1, 6" DIA.	EA	32	300	\$9,600.00
30	WATER SERVICE REPLACEMENT, LESS THAN OR EQUAL TO 2" DIA.	EA	21	5000	\$105,000.00
31	WATER SERVICE REPLACEMENT, LESS THAN OR EQUAL TO 4" DIA.	EA	1	10000	\$10,000.00
32	WATER SERVICE TAP	EA	21	1000	\$21,000.00
33	MANHOLE, SW-401, 48 IN. DIA.	EA	5	5000	\$25,000.00
34	MANHOLE, SW-401, 60 IN. DIA.	EA	18	6500	\$117,000.00
35	MANHOLE, SW-401, 72 IN. DIA.	EA	2	8000	\$16,000.00
36	INTAKE, SW-501	EA	24	5000	\$120,000.00
37	INTAKE, SW-501 (MODIFIED)	EA	1	7000	\$7,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
38	INTAKE, SW-502, 48" DIA.	EA	8	5500	\$44,000.00
39	INTAKE, SW-502, 60" DIA.	EA	4	7000	\$28,000.00
40	INTAKE, SW-505	EA	13	8500	\$110,500.00
41	INTAKE, SW-505 (MODIFIED)	EA	3	10000	\$30,000.00
42	INTAKE, SW-506	EA	2	11000	\$22,000.00
43	INTAKE, SW-507	EA	2	12000	\$24,000.00
44	INTAKE, SW-541	EA	1	15000	\$15,000.00
45	INTAKE, SW-542	EA	1	5000	\$5,000.00
46	* MANHOLE ADJUSTMENT, MINOR	EA	12	1500	\$18,000.00
47	* INTAKE ADJUSTMENT, MAJOR	EA	1	4000	\$4,000.00
48	* CONNECTION TO EXISTING	EA	7	1500	\$10,500.00
49	* REMOVE INTAKE	EA	13	1000	\$13,000.00
50	* REMOVE MANHOLE	EA	1	1500	\$1,500.00
51	PAVEMENT, PCC, 7", INTEGRAL CURB	SY	1029	80	\$82,320.00
52	PAVEMENT, PCC, 9"	SY	584	105	\$61,320.00
53	CURB AND GUTTER, 2.5 FT., 7 IN.	LF	2964	35	\$103,740.00
54	CURB AND GUTTER, 2.5 FT., 9 IN.	LF	165	42	\$6,930.00
55	CURB AND GUTTER, 2.5 FT., 11 IN.	LF	1437	50	\$71,850.00
56	PAVEMENT, HMA, HT, 1/2" MIX, PG 58-28H	TON	239	105	\$25,095.00
57	PAVEMENT, HMA, HT, 3/4" MIX, PG 58-28H	TON	1064	105	\$111,720.00
58	PAVEMENT, HMA, ST, 1/2" MIX, PG 58-28H	TON	171	100	\$17,100.00
59	PAVEMENT, HMA, ST, 3/4" MIX, PG 58-28H	TON	203	100	\$20,300.00
60	PAVEMENT, HMA, ST, 1" MIX, PG 58-28H	TON	360	100	\$36,000.00
61	PAVEMENT, HMA, ST, 1/2" MIX, PG 58-28S	TON	1228	95	\$116,660.00
62	PAVEMENT, HMA, ST, 1" MIX, PG 58-28S	TON	1453	95	\$138,035.00
63	* REMOVAL OF SIDEWALK	SY	1132	10	\$11,320.00
64	* REMOVAL OF DRIVEWAY	SY	883.7	10	\$8,837.00
65	SIDEWALK, PCC, 4"	SY	284	60	\$17,040.00
66	SIDEWALK, PCC, 5", CLASS A	SY	385	80	\$30,800.00
67	SIDEWALK, PCC, 6"	SY	220	80	\$17,600.00
68	DETECTABLE WARNING	SF	446	60	\$26,760.00
69	DRIVEWAY, PAVED, PCC, 6"	SY	513	60	\$30,780.00
70	DRIVEWAY, PAVED, PCC, 7"	SY	326.6	80	\$26,128.00
71	FULL DEPTH PATCH, COMPOSITE	SY	20	200	\$4,000.00
72	* MILLING	SY	1434.5	6	\$8,607.00
73	* PAVEMENT REMOVAL	SY	14187	15	\$212,805.00
74	* INDUCTIVE LOOP VEHICLE DETECTOR	EA	6	2000	\$12,000.00
75	* HANDHOLE REMOVAL AND RELOCATION	EA	1	4000	\$4,000.00
76	* PAINTED PAVEMENT MARKINGS, WATERBORNE (TEMPORARY)	STA	41	60	\$2,460.00
77	PAINTED PAVEMENT MARKINGS, DURABLE, EPOXY	STA	90	90	\$8,100.00
78	* WET, RETROREFLECTIVE REMOVABLE TAPE MARKINGS	STA	20	140	\$2,800.00

