



6B

DATE April 19, 2021

ORDERING CONSTRUCTION OF
WESTERN INGERSOLL RUN SEWER SEPARATION PHASE 2
AND FIXING A DATE FOR RECEIVING OF BIDS ON MAY 11, 2021
AND PUBLIC HEARING ON JUNE 14, 2021
ENGINEER'S ESTIMATE IS \$6,750,000.00

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:

Western Ingersoll Run Sewer Separation Phase 2, 072019007

The improvements include storm sewer pipe 15-inch to 36-inch, 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, cement stabilization, erosion control, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 623-001/163, located on 43rd Street from California Drive to Kingman Boulevard, 44th Street from Kingman Boulevard to University Avenue, 41st Street from 42nd Street to Crocker Street, Kingman Boulevard from 44th Street to 43rd Street and 35th Street to 33rd Street, Crocker Street from 41st Street to 40th Street, Rollins Avenue from 41st Street to 40th Place, 33rd Street from Crocker Street to Cottage Grove Avenue, and School Street from 35th Street to 33rd Street all in Des Moines, Iowa.

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$6,750,000.00. 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 June 14, 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 May 11, 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 May 11, 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

6B

DATE April 19, 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 21-183 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

s/Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLW

Funding Source: 2021-2022 CIP, Page 94, Western Ingersoll Run Sewer Separation, SS139, Being: \$6,536,504 in SRF funding issued and the remaining \$213,496 from Des Moines Water Works

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

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.

MOTION CARRIED APPROVED

Mayor

City Clerk

LB

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 07-2019-007

Date: 03/26/2021

PROJECT: WESTERN INGERSOLL RUN SEWER SEPARATION PHASE 2

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* CLEARING AND GRUBBING	UNIT	100.0	\$120.00	\$12,000.00
2	* TOPSOIL, OFF SITE	CY	390	\$35.00	\$13,650.00
3	* EXCAVATION, CLASS 10	CY	2,620	\$30.00	\$78,600.00
4	* SUBGRADE PREPARATION, 6 IN. DEPTH	SY	2,760	\$6.00	\$16,560.00
5	* SUBGRADE STABILIZATION, CEMENT	SY	770	\$150.00	\$115,500.00
6	* SUBGRADE TREATMENT, GEOGRID, TYPE 2 OR 3	SY	1,000	\$5.00	\$5,000.00
7	* SUBBASE, MODIFIED	SY	13,793	\$20.00	\$275,860.00
8	* REPLACEMENT OF UNSUITABLE MATERIAL	TON	12,000	\$30.00	\$360,000.00
9	SANITARY SEWER, GRAVITY MAIN, TRENCHED, PVC, 10"	LF	20	\$150.00	\$3,000.00
10	SANITARY SEWER, GRAVITY MAIN, TRENCHED, PVC, 18"	LF	374	\$175.00	\$65,450.00
11	REPAIR SANITARY SEWER	EA	5	\$4,000.00	\$20,000.00
12	SANITARY SEWER SERVICE RELOCATION	EA	20	\$2,500.00	\$50,000.00
13	REMOVAL OF SANITARY SEWER, 10"-18"	LF	394	\$45.00	\$17,730.00
14	STORM SEWER, TRENCHED, DI, 14"	LF	152	\$225.00	\$34,200.00
15	STORM SEWER, TRENCHED, 15"	LF	258	\$120.00	\$30,960.00
16	STORM SEWER, TRENCHED, GASKETED, 15"	LF	830	\$125.00	\$103,750.00
17	STORM SEWER, TRENCHED, RCP, 15"	LF	84	\$130.00	\$10,920.00
18	STORM SEWER, TRENCHED, 18"	LF	1,691	\$130.00	\$219,830.00
19	STORM SEWER, TRENCHED, GASKETED, 18"	LF	144	\$135.00	\$19,440.00
20	STORM SEWER, TRENCHED, 24"	LF	344	\$160.00	\$55,040.00
21	STORM SEWER, TRENCHED, GASKETED, 24"	LF	67	\$165.00	\$11,055.00
22	STORM SEWER, TRENCHED, RCP, 24"	LF	64	\$160.00	\$10,240.00
23	STORM SEWER, TRENCHED, 30"	LF	224	\$170.00	\$38,080.00
24	STORM SEWER, TRENCHED, GASKETED, 30"	LF	683	\$175.00	\$119,525.00
25	STORM SEWER, TRENCHED, GASKETED RCP, 30"	LF	54	\$185.00	\$9,990.00
26	STORM SEWER, TRENCHED, RCP, 30"	LF	287	\$175.00	\$50,225.00
27	STORM SEWER, TRENCHED, GASKETED RCAP, 30"	LF	98	\$185.00	\$18,130.00
28	STORM SEWER, TRENCHED, 36"	LF	1,090	\$180.00	\$196,200.00
29	STORM SEWER, TRENCHED, GASKETED, 36"	LF	42	\$185.00	\$7,770.00
30	STORM SEWER, TRENCHED, RCP, CL5, 36"	LF	39	\$190.00	\$7,410.00
31	STORM SEWER, TRENCHED, GASKETED RCAP, 36"	LF	98	\$195.00	\$19,110.00
32	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 15"	LF	50	\$700.00	\$35,000.00
33	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 18"	LF	397	\$800.00	\$317,600.00
34	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 24"	LF	436	\$850.00	\$370,600.00
35	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 30"	LF	427	\$950.00	\$405,650.00
36	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 36"	LF	200	\$1,100.00	\$220,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
37	REMOVAL OF STORM SEWER, VCP OR RCP, 6" TO 15"	LF	525	\$30.00	\$15,750.00
38	STORM SEWER ABANDONMENT, FILLED PLUG	EA	22	\$55.00	\$1,210.00
39	WATER SERVICE REPLACEMENT, LESS THAN OR EQUAL TO 2"	EA	25	\$5,000.00	\$125,000.00
40	WATER SERVICE TAP	EA	26	\$1,500.00	\$39,000.00
41	MANHOLE, SW 401, 48"	EA	7	\$4,600.00	\$32,200.00
42	MANHOLE, SW 401, 60"	EA	17	\$5,500.00	\$93,500.00
43 *	MANHOLE, SW 401, 84"	EA	1	\$9,500.00	\$9,500.00
44	MANHOLE, SW 406, 48"x 48"	EA	1	\$8,000.00	\$8,000.00
45	MANHOLE, SW 402, 66"x66"	EA	1	\$13,000.00	\$13,000.00
46	MANHOLE, SW 402, 66" x 48"	EA	1	\$10,000.00	\$10,000.00
47	MANHOLE, SW 402, 60" x 48"	EA	1	\$9,000.00	\$9,000.00
48	MANHOLE, SW 402, 48" x 48"	EA	2	\$8,000.00	\$16,000.00
49	MANHOLE, SW 402, 60" x 60"	EA	1	\$10,000.00	\$10,000.00
50	INTAKE, SW 501	EA	43	\$6,000.00	\$258,000.00
51	INTAKE, SW 502, 48"	EA	4	\$7,000.00	\$28,000.00
52	INTAKE, SW 502, 72"	EA	2	\$8,000.00	\$16,000.00
53	INTAKE, SW 505	EA	7	\$8,000.00	\$56,000.00
54	MANHOLE ADJUSTMENT, MINOR	EA	19	\$2,000.00	\$38,000.00
55	PCC MANHOLE BOXOUT	EA	60	\$4,000.00	\$240,000.00
56	CONNECTION TO EXISTING INTAKE/MANHOLE	EA	5	\$3,000.00	\$15,000.00
57	REMOVE MANHOLE	EA	2	\$1,000.00	\$2,000.00
58	REMOVE INTAKE	EA	20	\$1,000.00	\$20,000.00
59	PAVEMENT, PCC, 6"	SY	105	\$130.00	\$13,650.00
60	CURB AND GUTTER, PCC, 6", 2'-6" WIDE	LF	7,130	\$40.00	\$285,200.00
61	PAVEMENT, HMA ST, BASE COURSE	TON	2,630	\$100.00	\$263,000.00
62	PAVEMENT, HMA ST, SURFACE COURSE	TON	1,970	\$110.00	\$216,700.00
63 *	REMOVAL OF SIDEWALK	SY	1,673	\$13.00	\$21,749.00
64 *	REMOVAL OF DRIVEWAY	SY	610	\$15.00	\$9,150.00
65	SIDEWALK, PCC, 4" THICK	SY	1,133	\$55.00	\$62,315.00
66	SIDEWALK, PCC, 5" THICK	SY	125	\$65.00	\$8,125.00
67	SIDEWALK, PCC, 6" THICK	SY	407	\$75.00	\$30,525.00
68	DETECTABLE WARNING	SF	596	\$45.00	\$26,820.00
69	DRIVEWAY, PCC, 6" THICK	SY	610	\$55.00	\$33,550.00
70	DRIVEWAY, GRANULAR	TON	20	\$50.00	\$1,000.00
71 *	PAVEMENT SCARIFICATION	SY	5,682	\$15.00	\$85,230.00
72 *	PAVEMENT REMOVAL	SY	13,374	\$15.00	\$200,610.00
73 *	REMOVE AND REINSTALL NEW SIGN	EA	29	\$700.00	\$20,300.00
74 *	TRAFFIC CONTROL	LS	1	\$50,000.00	\$50,000.00
75	TRAFFIC SIGNAL PROTECTION	LS	1	\$25,000.00	\$25,000.00
76 *	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING	AC	1	\$5,000.00	\$5,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
77	* STORMWATER POLLUTION PREVENTION	LS	1	\$10,000.00	\$10,000.00
78	* FILTER SOCK, 9" DIA	LF	2,147	\$3.00	\$6,441.00
79	* FILTER SOCK REMOVAL	LF	2,147	\$2.00	\$4,294.00
80	* INLET PROTECTION DEVICE	EA	64	\$150.00	\$9,600.00
81	* CHAIN LINK FENCE, 48", SALVAGE, REPLACE	LF	40	\$30.00	\$1,200.00
82	LIMESTONE RETAINING WALL, SALVAGE, RESTACK	SF	100	\$45.00	\$4,500.00
83	* CONSTRUCTION STAKING	LS	1	\$50,000.00	\$50,000.00
84	* MOBILIZATION	LS	1	\$627,180.00	\$627,180.00
85	* TREE PROTECTION FENCE, 4' HIGH	LF	476	\$5.00	\$2,380.00
86	* TREE TRUNK PROTECTION	EA	31	\$250.00	\$7,750.00
87	* TREE TRIMMING	EA	20	\$2,000.00	\$40,000.00
88	* MAINTENANCE OF SOLID WASTE COLLECTION	LS	1	\$10,000.00	\$10,000.00
89	MAINTENANCE OF POSTAL SERVICE	LS	1	\$6,000.00	\$6,000.00
DIVISION 1 TOTAL CONSTRUCTION COST					\$6,536,504.00
200	WATER MAIN, TRENCHED, DUCTILE IRON (DI), RESTRAINED JOINT, 6 IN.	LF	120	\$75.00	\$9,000.00
201	WATER MAIN, TRENCHED, DUCTILE IRON (DI), RESTRAINED JOINT, 8 IN.	LF	560	\$140.00	\$78,400.00
202	WATER MAIN, TRENCHED, DUCTILE IRON (DI), RESTRAINED JOINT, 12 IN.	LF	120	\$195.00	\$23,400.00
203	FITTINGS BY WEIGHT, DUCTILE IRON	LB	4,733	\$12.00	\$56,796.00
204	VALVE, GATE, DIP, 6 IN.	EA	1	\$2,000.00	\$2,000.00
205	VALVE, GATE, DIP, 8 IN.	EA	1	\$3,000.00	\$3,000.00
206	FIRE HYDRANT ASSEMBLY	EA	1	\$8,000.00	\$8,000.00
207	1" WATER SERVICE TRANSFER (OPPOSITE SIDE)	EA	1	\$4,200.00	\$4,200.00
208	1" WATER SERVICE TRANSFER (SAME SIDE)	EA	1	\$3,000.00	\$3,000.00
209	* 32 LB MAGNESIUM ANODE	EA	14	\$700.00	\$9,800.00
210	* FOUNDATION ROCK	TON	300	\$45.00	\$13,500.00
211	* SPECIAL PIPE SUPPORT	CY	15	\$160.00	\$2,400.00
DIVISION 2 TOTAL CONSTRUCTION COST					\$213,496.00

Prepared By: Justin Miller

Checked By: _____

DIVISION 1 & 2 TOTAL CONSTRUCTION COST **\$6,750,000.00**

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

* Estimate Total= \$ 2,073,254.00