



DATE March 8, 2021

ORDERING CONSTRUCTION OF  
MACRAE PARK IMPROVEMENTS PHASE 3  
AND FIXING A DATE FOR RECEIVING OF BIDS ON APRIL 6, 2021  
AND PUBLIC HEARING ON APRIL 19, 2021  
ENGINEER'S ESTIMATE IS \$2,700,000.00

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:

MacRae Park Improvements Phase 3, 112019002

The improvement includes clearing & grubbing, pavement removal, grading, earthwork, storm sewer, storm intakes, Hot Mix Asphalt (HMA) pavement, Portland Cement Concrete (PCC) sidewalk, PCC pavement for parking areas, PCC curb & gutter, PCC median, segmental retaining wall, playground equipment, pre-engineered steel truss trail bridge and abutments, precast concrete boardwalk installation, prefabricated shelter installation, miscellaneous amenities, pavement markings, seeding and restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 626-188/284, at MacRae Park, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$2,700,000.00. 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 MSC Board Room, 2nd Floor, Municipal Service Center, 1551 E. Martin Luther King Jr. Parkway, Des Moines, Iowa, at 5:00 p.m. on April 19, 2021, which may be held by electronic means to encourage and maintain social distancing to curb the spread of Covid 19 in the community without public access to the meeting location, 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 6, 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 April 6, 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**

7E

DATE March 8, 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 21-112 attached.)

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

FORM APPROVED:

FUNDS AVAILABLE

sl Kathleen Vanderpool

Kathleen Vanderpool  
Deputy City Attorney

Nickolas J. Schaul  
Director of Finance

SLN

Funding Source: Recommended 2021-2022 CIP, Page Park – 75, MacRae Park Improvements, PK179, Being: \$550,000 Private, \$96,643 Iowa DNR REAP funds, \$620,731 G.O. Bonds Issued, \$350,000 G.O. Bonds to be Issued; transfer of \$100,000 G.O. Bonds Issued and \$982,626 GO Bonds to be Issued from Page Parks – 73, Park Infrastructure, PK175.

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

MOTION CARRIED

APPROVED

\_\_\_\_\_  
Mayor

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.

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

7E

## CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 11-2019-002  
Date: 2/10/2021

**PROJECT: MACRAE PARK IMPROVEMENTS PHASE 3**

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* CLEARING AND GRUBBING	EA	10	\$1,000.00	\$10,000.00
2	* TOPSOIL, ON-SITE	CY	1180	\$20.00	\$23,600.00
3	* TOPSOIL, OFF-SITE	CY	100	\$55.00	\$5,500.00
4	* EXCAVATION, CLASS 13	CY	3300	\$18.00	\$59,400.00
5	* SUBGRADE PREPARATION	SY	6732	\$4.00	\$26,928.00
6	* SUBGRADE TREATMENT, CEMENT	TON	100	\$100.00	\$10,000.00
7	* SUBBASE, MODIFIED SUBBASE, 4-INCH	SY	1230	\$10.00	\$12,300.00
8	* SUBBASE, MODIFIED SUBBASE, 6-INCH	SY	5489	\$12.00	\$65,868.00
9	* GRANULAR SURFACING, 3 INCH	SY	1090	\$6.00	\$6,540.00
10	* REMOVAL OF STRUCTURE, APRON	EA	3	\$750.00	\$2,250.00
11	STORM SEWER, TRENCHED, 12-INCH	LF	73	\$85.00	\$6,205.00
12	STORM SEWER, TRENCHED, 15-INCH	LF	969	\$90.00	\$87,210.00
13	STORM SEWER, TRENCHED, 18-INCH	LF	19	\$100.00	\$1,900.00
14	STORM SEWER, TRENCHED, 24-INCH	LF	122	\$115.00	\$14,030.00
15	STORM SEWER, TRENCHED, HDPE, 6-INCH	LF	132	\$40.00	\$5,280.00
16	STORM SEWER, TRENCHED, HDPE, 8-INCH	LF	150	\$45.00	\$6,750.00
17	* REMOVAL OF STORM SEWER, LESS THAN 36-INCH	LF	200	\$25.00	\$5,000.00
18	PIPE APRON, RCP, 15-INCH	EA	2	\$5,000.00	\$10,000.00
19	PIPE APRON, RCP, 18-INCH	EA	1	\$6,000.00	\$6,000.00
20	PIPE APRON, RCP, 24-INCH	EA	1	\$7,500.00	\$7,500.00
21	SUBDRAIN, PERFORATED PVC, 4-INCH	LF	1538	\$25.00	\$38,450.00
22	FRENCH DRAIN, PERFORATED PVC, 4-INCH	LF	205	\$30.00	\$6,150.00
23	SUBDRAIN CLEANOUT, 6", TYPE A	EA	15	\$750.00	\$11,250.00
24	SUBDRAIN OUTLETS AND CONNECTIONS, 4-INCH	EA	5	\$750.00	\$3,750.00
25	STORM MANHOLE, SW-401, 48-INCH	EA	4	\$2,500.00	\$10,000.00
26	INTAKE, SW-505	EA	11	\$5,500.00	\$60,500.00
27	INTAKE, SW-512, 24-INCH	EA	3	\$2,500.00	\$7,500.00
28	NYLOPLAST DRAIN BASIN, 12-INCH	EA	1	\$2,000.00	\$2,000.00
29	NYLOPLAST DRAIN BASIN, 18-INCH	EA	1	\$2,500.00	\$2,500.00
30	MANHOLE ADJUSTMENT, MAJOR	EA	1	\$2,000.00	\$2,000.00
31	INTAKE ADJUSTMENT, MAJOR	EA	1	\$2,000.00	\$2,000.00
32	* REMOVE MANHOLE	EA	1	\$1,000.00	\$1,000.00
33	* REMOVE INTAKE	EA	6	\$1,000.00	\$6,000.00
34	PAVEMENT, PCC, 6-INCH	SY	649	\$70.00	\$45,430.00
35	CURB AND GUTTER, 1.5', 6-INCH	LF	2783	\$40.00	\$111,320.00
36	CONCRETE MEDIAN	LF	887	\$70.00	\$62,090.00
37	HMA ST SURFACE, 1/2" MIX, NO FRIC, PG 58-28S	TON	352	\$95.00	\$33,440.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
38	HMA ST BASE, 3/4" MIX, NO FRIC, PG 58-28S	TON	704	\$95.00	\$66,880.00
39 *	REMOVAL OF SIDEWALK	SY	569	\$15.00	\$8,535.00
40	SIDEWALK, PCC, 5-INCH, CLASS A	SY	1176	\$70.00	\$82,320.00
41	SIDEWALK, PCC, 6-INCH, CLASS A	SY	273	\$72.00	\$19,656.00
42	DETECTABLE WARNING	SF	151	\$50.00	\$7,550.00
43 *	PAVEMENT REMOVAL, ROADWAY	SY	5438	\$15.00	\$81,570.00
44 *	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	12.59	\$150.00	\$1,888.50
45 *	PAINTED SYMBOLS AND LEGENDS	EA	30	\$250.00	\$7,500.00
46	TYPE A SIGN, SHEET ALUMINUM	SF	98.5	\$25.00	\$2,462.50
47	BREAKAWAY SIGN POSTS	EA	23	\$150.00	\$3,450.00
48 *	CONVENTIONAL SEED MIX, SEEDING AND FERTILIZING (TYPE 1)	AC	1.6	\$4,000.00	\$6,400.00
49 *	NATIVE SEED MIX, SEEDING AND FERTILIZING	AC	0.7	\$6,500.00	\$4,550.00
50 *	MESIC SEED MIX, SEEDING AND FERTILIZING	AC	0.3	\$6,500.00	\$1,950.00
51 *	SOD	SQ	15	\$80.00	\$1,200.00
52 *	STORMWATER POLLUTION PREVENTION	LS	1	\$4,000.00	\$4,000.00
53 *	FILTER SOCK, INSTALL, MAINTAIN, AND REMOVE	LF	2391	\$3.50	\$8,368.50
54 *	TEMPORARY RECP, TYPE 2C	SQ	30	\$150.00	\$4,500.00
55 *	CHECK DAM, ROCK	TON	30	\$100.00	\$3,000.00
56 *	RIP RAP, CLASS A	TON	205	\$75.00	\$15,375.00
57 *	RIP RAP, CLASS E	TON	16	\$75.00	\$1,200.00
58 *	SILT FENCE OR SILT FENCE DITCH CHECK	LF	3740	\$3.00	\$11,220.00
59 *	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	LF	3740	\$1.50	\$5,610.00
60 *	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	LF	3740	\$1.00	\$3,740.00
61 *	EROSION CONTROL MULCHING, HYDROMULCHING	AC	2.6	\$2,500.00	\$6,500.00
62 *	INLET PROTECTION DEVICE, INSTALL AND REMOVE	EA	15	\$100.00	\$1,500.00
63	SEGMENTAL RETAINING WALL	SF	2156	\$40.00	\$86,240.00
64	CONCRETE STEPS, TYPE A	SF	256	\$65.00	\$16,640.00
65	HANDRAIL, GALVANIZED	LF	46	\$140.00	\$6,440.00
66 *	CONSTRUCTION SURVEY	LS	1	\$30,000.00	\$30,000.00
67 *	MOBILIZATION	LS	1	\$152,843.50	\$152,843.50
68 *	TRAFFIC CONTROL	LS	1	\$7,500.00	\$7,500.00
69	HYDRODYNAMIC SEPERATOR	EA	2	\$10,000.00	\$20,000.00
70 *	REINFORCED TURF PAVING	SY	130	\$300.00	\$39,000.00
71 *	CONCRETE WASHOUT	LS	1	\$3,000.00	\$3,000.00
72	LIMESTONE BLOCK FOR SPRAY FEATURE	EA	4	\$1,000.00	\$4,000.00
73	LIMESTONE BENCH, 4' LENGTH	EA	4	\$1,300.00	\$5,200.00
74	POURED-IN-PLACE PCC WALL	SF	150	\$150.00	\$22,500.00
75	OUTCROPPING BOULDER WALL	SF	2009	\$55.00	\$110,495.00
76	WATER PLAY WALL	SF	100	\$65.00	\$6,500.00
77	CONCRETE WATERFALL BOX	LS	1	\$4,500.00	\$4,500.00
78	PCC PAVEMENT, 6 IN, REINFORCED (WATER PLAY AREA)	SY	138	\$100.00	\$13,800.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
79	PCC PAVEMENT, 6 IN, REINFORCED (SHELTER SLAB)	SY	181	\$70.00	\$12,670.00
80	OUTCROPPING BOULDER	TON	4	\$300.00	\$1,200.00
81	LIMESTONE OUTFALL	TON	6	\$300.00	\$1,800.00
82	PRECAST CONCRETE CAVE	LS	1	\$4,000.00	\$4,000.00
83	PLAY SAND	CY	17	\$65.00	\$1,105.00
84	SHELTER	LS	1	\$85,000.00	\$85,000.00
85	OODLE SWING	LS	1	\$9,000.00	\$9,000.00
86	BBQ GRILL	EA	1	\$800.00	\$800.00
87	WATER SPRAY FEATURES, FURNISH AND INSTALL	LS	1	\$25,000.00	\$25,000.00
88	WATER PLAY EQUIPMENT, FURNISH AND INSTALL	LS	1	\$15,000.00	\$15,000.00
89	SAND PLAY EQUIPMENT, FURNISH AND INSTALL	LS	1	\$10,000.00	\$10,000.00
90	GRAB BAR, FURNISH AND INSTALL	EA	2	\$100.00	\$200.00
91	DRINKING FOUNTAIN W/ FOOTWASH STATION	LS	1	\$8,500.00	\$8,500.00
92	ENGINEERED WOOD FIBER MULCH	CY	164	\$75.00	\$12,300.00
93	CONCRETE RUNNEL	SY	25	\$200.00	\$5,000.00
94	FLEXIBLE BOLLARD	EA	2	\$250.00	\$500.00
95	BENCH	EA	3	\$2,000.00	\$6,000.00
96	BACKLESS BENCH	EA	2	\$2,000.00	\$4,000.00
97	TRASH RECEPTACLE	EA	3	\$1,750.00	\$5,250.00
98	BIKE RACK	EA	6	\$750.00	\$4,500.00
99	PICNIC TABLE	EA	4	\$1,500.00	\$6,000.00
100 *	TREE PROTECTION FENCE	LF	1150	\$3.00	\$3,450.00
101 *	TREE TRUNK PROTECTION	EA	37	\$200.00	\$7,400.00
102 *	TREE ROOT TREATMENT	LS	1	\$6,000.00	\$6,000.00
103	LIMESTONE EDGING	LF	260	\$30.00	\$7,800.00
104	RESTROOM, CONCRETE STOOP	LS	1	\$3,000.00	\$3,000.00
105 *	REMOVE & SALVAGE SIGN	LS	1	\$5,000.00	\$5,000.00
106	TRENCH DRAIN, WATER PLAY AREA	LF	33	\$100.00	\$3,300.00
107	MISC MECHANICAL & PLUMBING	LS	1	\$10,000.00	\$10,000.00
108	ELECTRICAL CONNECTIONS AND CIRCUITRY	LS	1	\$17,000.00	\$17,000.00
109	PRE-CAST CONCRETE BOARDWALK	LS	1	\$460,000.00	\$460,000.00
110	BOARDWALK RAILING (CUSTOM EMC OVERLOOK STYLE)	LF	580	\$150.00	\$87,000.00
111	PEDESTRIAN BRIDGE, WEATHERING STEEL	LS	1	\$190,000.00	\$190,000.00
112	PCC PIER FOUNDATIONS, SHELTER	EA	6	\$2,500.00	\$15,000.00

Prepared By: Bolton & Menk

Checked By: Zach Erickson

\$2,700,000.00

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

\$667,186.50