



**Date** January 09, 2023

**ORDERING CONSTRUCTION OF  
FLEUR DRIVE RECONSTRUCTION, PHASE 3 FROM WATROUS AVENUE TO MCKINLEY  
AVENUE AND FIXING A DATE FOR RECEIVING OF BIDS ON JANUARY 24, 2023  
AND PUBLIC HEARING ON FEBRUARY 06, 2023  
ENGINEER'S ESTIMATE IS \$7,125,000.00**

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:

Fleur Drive Reconstruction, Phase 3 from Watrous Avenue to McKinley Avenue, 062020011

The improvement includes reconstruction of the northbound and southbound lanes of Fleur Drive with Portland Cement Concrete (PCC) curb and gutter, 10-inch Hot Mix Asphalt (HMA) paving, 12-inch modified subbase, PCC sidewalk and driveways, retaining wall, pavement removal, storm sewer, subdrain, earthwork and grading, new irrigation system, traffic signalization, pavement markings, erosion control, and restoration; all in accordance with contract documents, including Plan File No. 651-001/236, located along Fleur Drive from Watrous Avenue to McKinley Avenue, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$7,125,000.00. 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 February 06, 2023, 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 January 24, 2023, 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 January 24, 2023, after which the bids together



**Roll Call Number**

**Agenda Item Number**

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**Date** January 09, 2023

with a bid tabulation and recommendation of the Engineer will be presented to the City Council at its next meeting for action thereon.

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 23-024 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

Funding Source: 2022-23 CIP, 125, Roadway Reconstruction - Fleur Drive, ST267, \$4,474,750 in G.O. Bonds; \$2,000,000 in G.O. Bonds to be issued; \$600,000 in G.O. Bonds to be Issued and to be transferred from PK195, Fleur Drive Medians; and the remaining \$50,250 from Des Moines Water Works

SLN<sub>pw</sub>

COUNCIL ACTION	Yeas	Nays	Pass	Absent
COWNIE				
BOESEN				
GATTO				
MANDELBAUM				
SHEUMAKER				
VOSS				
WESTERGAARD				
TOTAL				

**CERTIFICATE**

I, Laura Baumgartner, 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.

MOTION CARRIED APPROVED

\_\_\_\_\_  
Mayor

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

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### CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 06-2020-011  
Date: 12/12/2022

**PROJECT: FLEUR DRIVE RECONSTRUCTION, PHASE 3 FROM WATROUS AVENUE TO MCKINLEY AVENUE**

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
<b>DIVISION 1: FLEUR DR. RECONSTRUCTION (CITY OF DES MOINES)</b>					
1	* CLEARING & GRUBBING	UNIT	215.6	\$100.00	\$21,560.00
2	* CLEARING & GRUBBING BY ACRE	ACRE	0.9	\$5,000.00	\$4,500.00
3	* TREE TRIMMING	LS	1	\$7,500.00	\$7,500.00
4	TOPSOIL, ON-SITE	CY	925	\$45.00	\$41,625.00
5	TOPSOIL, OFF-SITE	CY	259	\$45.00	\$11,655.00
6	EXCAVATION, CLASS 10, ROADWAY & BORROW	CY	1102	\$20.00	\$22,040.00
7	EXCAVATION, CLASS 10, WASTE	CY	7303	\$25.00	\$182,575.00
8	EXCAVATION, CLASS 13	CY	860	\$35.00	\$30,100.00
9	BELOW GRADE EXCAVATION (CORE OUT)	CY	700	\$65.00	\$45,500.00
10	SUBGRADE PREPARATION, 6 IN.	SY	26049	\$5.00	\$130,245.00
11	SUBGRADE TREATMENT, POLYMER GRID	SY	26049	\$5.00	\$130,245.00
12	ENGINEERING FABRIC, DRAINABLE	SY	3157	\$3.50	\$11,049.50
13	SUBBASE, MODIFIED	CY	9006	\$70.00	\$630,420.00
14	* REMOVALS, EXISTING GAS CONDUIT, 6 IN.	LF	2500	\$5.00	\$12,500.00
15	* REMOVALS, AS PER PLAN	LS	1	\$10,000.00	\$10,000.00
16	* REMOVAL OF SIGN FOOTING	EA	9	\$750.00	\$6,750.00
17	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	TON	200	\$45.00	\$9,000.00
18	STORM SEWER, TRENCHED, PPE OR RCP CL V, 15 IN.	LF	76	\$200.00	\$15,200.00
19	STORM SEWER, TRENCHED, PVC, C900, DR18, 15 IN.	LF	14	\$180.00	\$2,520.00
20	STORM SEWER SPOT REPAIR, RCP, CLASS V, 15 IN.	LF	6	\$300.00	\$1,800.00
21	STORM SEWER SPOT REPAIR, RCP, CLASS III, 30 IN.	LF	6	\$500.00	\$3,000.00
22	* REMOVAL OF STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	95	\$35.00	\$3,325.00
23	SUBDRAIN, PVC, CASE B, 6 IN.	LF	6175	\$35.00	\$216,125.00
24	SUBDRAIN, PVC, PLANTER MEDIAN, 4 IN.	LF	1454	\$30.00	\$43,620.00
25	SUBDRAIN, HDPE OR SCH 80 PVC, 4 IN. (SOLID WALL, NON-PERFORATED)	LF	172	\$30.00	\$5,160.00
26	SUBDRAIN, OUTLET, CONNECTION TO INTAKE OR PIPE	EA	30	\$525.00	\$15,750.00
27	* CORE DRILLING, PLANTER MEDIAN WALL FOOTING	EA	11	\$5,000.00	\$55,000.00
28	* VIDEO INSPECTION OF STORM SEWER	LS	1	\$10,000.00	\$10,000.00
29	* WATER SERVICE, DEPTH CHECK	EA	4	\$500.00	\$2,000.00
30	WATER SERVICE, LOWERING	EA	1	\$3,200.00	\$3,200.00
31	INTAKE, SW-505, DOUBLE GRATE	EA	12	\$8,000.00	\$96,000.00
32	MANHOLE ADJUSTMENT, MINOR	EA	8	\$3,000.00	\$24,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
33	INTAKE ADJUSTMENT, MINOR	EA	1	\$2,500.00	\$2,500.00
34	MANHOLE ADJUSTMENT, MAJOR	EA	19	\$5,000.00	\$95,000.00
35	CONNECTION TO EXISTING MANHOLE OR INTAKE	EA	4	\$5,000.00	\$20,000.00
36 *	REMOVE MANHOLE OR INTAKE	EA	13	\$1,500.00	\$19,500.00
37	PAVEMENT, PCC, CLASS C, CLASS 3 DUR., 8 IN	SY	1614	\$90.00	\$145,260.00
38	CURB & GUTTER, PCC, 2.0 FT WIDTH, 7 IN. THICKNESS	LF	215	\$35.00	\$7,525.00
39	CURB & GUTTER, PCC, 2.5 FT WIDTH, 10 IN. THICKNESS	LF	5857	\$40.00	\$234,280.00
40	BEAM CURB, PCC, 12 IN. WIDTH, 17.5 IN. HEIGHT	LF	420	\$50.00	\$21,000.00
41	CONCRETE MEDIAN, FULL DEPTH, 16 IN.	SY	1052	\$170.00	\$178,840.00
42	PCC MEDIAN BAND, COLORED CONCRETE, YELLOW, 5 IN	SY	61	\$150.00	\$9,150.00
43	PCC MEDIAN CAP, COLORED CONCRETE, RED, 5 IN.	SY	18	\$150.00	\$2,700.00
44	PAVEMENT, HMA, HT, BASE COURSE, 3/4 IN. MIX, PG58-28S	TON	4592	\$115.00	\$528,080.00
45	PAVEMENT, HMA, HT, INTERMEDIATE COURSE, 1/2 IN. MIX, PG58-28H	TON	4655	\$115.00	\$535,325.00
46	PAVEMENT, HMA, HT, SURFACE COURSE, 1/2 IN. MIX, PG58-28H	TON	2328	\$115.00	\$267,720.00
47 *	HMA SMOOTHNESS DEFICIENCY	EA	0	-\$1.00	\$0.00
48 *	HMA PAVEMENT SAMPLES AND TESTING	LS	1	\$5,000.00	\$5,000.00
49 *	REMOVAL OF SIDEWALK, SHARED USE PATH OR DRIVEWAY	SY	4079	\$15.00	\$61,185.00
50	SIDEWALK, PCC, 5 IN.	SY	1719	\$55.00	\$94,545.00
51	SIDEWALK, PCC, 6 IN., RAMPS AND TURNING SPACE	SY	265	\$95.00	\$25,175.00
52	SIDEWALK, PCC, 10 IN., RAMPS	SY	78	\$120.00	\$9,360.00
53	SIDEWALK, PCC, 6 IN., CLASS A	SY	412	\$75.00	\$30,900.00
54	DETECTABLE WARNING	SF	285	\$60.00	\$17,100.00
55	DRIVEWAY, PCC, 6 IN.	SY	189	\$70.00	\$13,230.00
56	DRIVEWAY, PCC, 7 IN.	SY	1374	\$75.00	\$103,050.00
57	CONCRETE STAMPING, BRICK PATTERN	SY	46	\$30.00	\$1,380.00
58 *	COLD WEATHER PROTECTION FOR CONCRETE	SY	1450	\$1.00	\$1,450.00
59	FULL DEPTH PATCHES, COMPOSITE	SY	249	\$300.00	\$74,700.00
60 *	PAVEMENT REMOVAL	SY	24399	\$20.00	\$487,980.00
61 *	REMOVAL OF CONCRETE MEDIAN	SY	1063	\$50.00	\$53,150.00
62 *	TEMPORARY PAVEMENT, HMA OR PCC, 6 IN.	SY	3600	\$50.00	\$180,000.00
63 *	TEMPORARY GRANULAR SURFACING	TON	240	\$45.00	\$10,800.00
64	TRAFFIC SIGNALIZATION	LS	1	\$300,000.00	\$300,000.00
65 *	TEMPORARY SIGNALIZATION	EA	2	\$15,000.00	\$30,000.00
66 *	MAINTENANCE OF TRAFFIC SIGNALS AND SIGNS	LS	1	\$5,000.00	\$5,000.00
67 *	TRAFFIC SIGNAL REMOVAL	LS	1	\$15,000.00	\$15,000.00
68	FIBER OPTIC HANDHOLE RELOCATION	EA	2	\$500.00	\$1,000.00
69	FIBER OPTIC NETWORK MODIFICATIONS	LF	125	\$250.00	\$31,250.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
70 *	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	190.6	\$60.00	\$11,436.00
71 *	PAINTED PAVEMENT MARKINGS, DURABLE	STA	33.1	\$450.00	\$14,895.00
72 *	PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL, GROOVED	STA	22	\$700.00	\$15,400.00
73 *	PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL, INLAY	STA	37.9	\$600.00	\$22,740.00
74 *	WET, RETROFLECTIVE REMOVABLE TAPE MARKINGS	STA	57.6	\$150.00	\$8,640.00
75 *	PAINTED SYMBOLS AND LEGENDS, SOLVENT/WATERBORNE	EA	16	\$115.00	\$1,840.00
76 *	PAINTED SYMBOLS AND LEGENDS, DURABLE	EA	37	\$325.00	\$12,025.00
77 *	PAINTED SYMBOLS AND LEGENDS, TEMPORARY TAPE	EA	10	\$350.00	\$3,500.00
78 *	TEMPORARY LANE SEPARATOR SYSTEM	LF	582	\$20.00	\$11,640.00
79 *	REMOVE TEMPORARY DELINEATOR POST AND BASE	EA	28	\$50.00	\$1,400.00
80 *	PAVEMENT MARKINGS REMOVED	STA	152.5	\$45.00	\$6,862.50
81 *	SYMBOLS AND LEGENDS REMOVED	EA	13	\$110.00	\$1,430.00
82 *	GROOVES CUT FOR PAVEMENT MARKINGS	STA	55.1	\$80.00	\$4,408.00
83 *	GROOVES CUT FOR SYMBOLS AND LEGENDS	EA	37	\$225.00	\$8,325.00
84 *	TRAFFIC CONTROL	LS	1	\$100,000.00	\$100,000.00
85 *	TEMPORARY ACCESS INFORMATION SIGN	SF	544	\$25.00	\$13,600.00
86 *	TEMPORARY BARRIER RAIL	LF	1285	\$20.00	\$25,700.00
87 *	REMOVE/REINSTALL EXISTING TEMPORARY BARRIER RAIL	LF	30	\$15.00	\$450.00
88 *	PORTABLE DYNAMIC MESSAGE SIGNS	CDAY	126	\$120.00	\$15,120.00
89 *	FLAGGERS	CDAY	34	\$555.00	\$18,870.00
90 *	FLAGGER, UNIFORMED POLICE OFFICER	CDAY	2	\$550.00	\$1,100.00
91 *	REMOVE SIGN ASSEMBLY	EA	76	\$100.00	\$7,600.00
92 *	REMOVE, SALVAGE, AND REINSTALL SIGN ASSEMBLY	EA	8	\$350.00	\$2,800.00
93 *	SIGN ASSEMBLY, FURNISH AND INSTALL	EA	84	\$300.00	\$25,200.00
94 *	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING, TYPE 1 (PERM. LAWN MIX)	ACRE	0.8	\$4,000.00	\$3,200.00
95 *	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING, TYPE 4 (TEMPORARY)	ACRE	3	\$2,000.00	\$6,000.00
96 *	SOD	SQ	1294.2	\$75.00	\$97,065.00
97 *	SUPPLEMENTAL WATERING, SOD	GAL	129420	\$0.50	\$64,710.00
98 *	MOWING	ACRE	1.9	\$1,000.00	\$1,900.00
99 *	MEDIAN WEED CONTROL	EA	9	\$500.00	\$4,500.00
100 *	SWPPP PREPARATION AND MANAGEMENT	LS	1	\$7,500.00	\$7,500.00
101 *	FILTER SOCKS, 9 IN.	LF	7322	\$3.00	\$21,966.00
102 *	FILTER SOCKS, REMOVAL	LF	7322	\$0.25	\$1,830.50
103 *	SILT FENCE, INSTALLATION	LF	500	\$2.00	\$1,000.00
104 *	SILT FENCE, REMOVAL OF SEDIMENT	LF	500	\$0.10	\$50.00
105 *	SILT FENCE, REMOVAL OF DEVICE	LF	500	\$0.10	\$50.00
106 *	EROSION CONTROL MULCHING, HYDROMULCHING	AC	6	\$3,000.00	\$18,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
107 *	INLET PROTECTION DEVICE, DROP-IN TYPE	EA	27	\$200.00	\$5,400.00
108 *	INLET PROTECTION DEVICE, MAINTENANCE	EA	27	\$25.00	\$675.00
109	MODULAR BLOCK RETAINING WALL	SF	70	\$40.00	\$2,800.00
110 *	TREE PROTECTION AND TEMPORARY CONSTRUCTION FENCE	LF	563	\$4.00	\$2,252.00
111 *	TREE TRUNK PROTECTION	EA	17	\$220.00	\$3,740.00
112	EXCAVATION, CLASS 10 WASTE, MEDIAN SOIL AND PLANTS	CY	1052	\$40.00	\$42,080.00
113	AMENDED TOPSOIL, MEDIANS	CY	1052	\$80.00	\$84,160.00
114	IRRIGATION	LS	1	\$300,000.00	\$300,000.00
115 *	SUBSURFACE UTILITY INVESTIGATION FOR IRRIGATION	EA	40	\$850.00	\$34,000.00
116 *	CONSTRUCTION SURVEY	LS	1	\$85,000.00	\$85,000.00
117 *	MONUMENT PRESERVATION AND REPLACEMENT	LS	1	\$5,000.00	\$5,000.00
118 *	MOBILIZATION	LS	1	\$250,790.50	\$250,790.50
119 *	MAINTENANCE OF POSTAL SERVICE	LS	1	\$10,000.00	\$10,000.00
120 *	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1	\$10,000.00	\$10,000.00
121 *	CONCRETE WASHOUT	LS	1	\$4,000.00	\$4,000.00
122 *	COMPLETION INCENTIVE, LUMP SUM, NO EXCUSE	LS	1	\$130,000.00	\$130,000.00
123 *	COMPLETION INCENTIVE, CALENDAR DAY, NO EXCUSE	CDAY	30	\$4,000.00	\$120,000.00
<b>DIVISION 1, SUBTOTAL</b>					<b>\$7,074,750.00</b>

**DIVISION 2: DES MOINES WATER WORKS**

124 *	POTHOLING FOR ANODE INSTALLATION, TYPE A2 OR B2 POTHOLE	EA	67	\$750.00	\$50,250.00
<b>DIVISION 2, SUBTOTAL</b>					<b>\$50,250.00</b>

Prepared By: Brett Lewis

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

<b>TOTAL CONSTRUCTION COST (DIVISION 1 + DIVISION 2)</b>	<b>\$7,125,000.00</b>
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\* Item does not have to be included in 4-year maintenance bond, but shall be covered by a 1-year maintenance bond.

\* Estimate Total= \$2,276,060.50