



6C

DATE January 11, 2021

ORDERING CONSTRUCTION OF
FLEUR DRIVE RECONSTRUCTION, SOUTHBOUND LANES, FROM GEORGE FLAGG PARKWAY TO
WATROUS AVENUE
AND FIXING A DATE FOR RECEIVING OF BIDS ON JANUARY 26, 2021
AND PUBLIC HEARING ON FEBRUARY 22, 2021
ENGINEER'S ESTIMATE IS \$8,500,000.00

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, Southbound Lanes, from George Flagg Parkway to Watrous Avenue, 062019013

The improvement includes reconstruction of the southbound lanes of Fleur Drive with Portland Cement Concrete (PCC) curb and gutter, 10-inch Hot Mix Asphalt (HMA) paving, 12-inch modified subbase, 3-inch milling with HMA paving, PCC sidewalk and driveways, retaining walls, storm sewer, subdrain, earthwork and grading, fencing, water main construction, new irrigation system, erosion control, and restoration; all in accordance with contract documents, including Plan File Nos. 627-001/483, located along Fleur Drive from Watrous Avenue to George Flagg Parkway, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$8,500,000.00. 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 February 22, 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 January 26, 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 January 26, 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

60

DATE January 11, 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 21-018 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

s/ Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLN

Funding Source: 2020-2021 CIP, Page Street – 34, Roadway Reconstruction - Fleur Drive, ST267, Being: \$2,823,500 in G.O. Bonds; \$5,000,000 in G.O. Bonds to be issued; \$600,000 in G.O. Bonds to be Issued to be transferred from ST291, Fleur Drive Medians; and the remaining \$76,500 from Des Moines Water Works

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

60

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 06-2019-013
IDOT Project No: N/A
Date: 12/21/2020

**PROJECT: FLEUR DRIVE RECONSTRUCTION, SOUTHBOUND LANES, FROM GEORGE FLAGG
PARKWAY TO WATROUS AVENUE**

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
DIVISION 1: FLEUR DR. RECONSTRUCTION (CITY OF DES MOINES)					
1	* CLEARING & GRUBBING	UNIT	349.4	\$60.00	\$20,964.00
2	ON-SITE TOPSOIL	CY	681	\$50.00	\$34,050.00
3	OFF-SITE TOPSOIL	CY	1465	\$55.00	\$80,575.00
4	EXCAVATION, CLASS 10	CY	8771	\$30.00	\$263,130.00
5	* EXCAVATION, CLASS 13, WASTE	CY	784	\$38.00	\$29,792.00
6	BELOW GRADE EXCAVATION (CORE OUT)	CY	750	\$75.00	\$56,250.00
7	SUBGRADE PREPARATION	SY	24611	\$5.00	\$123,055.00
8	SUBGRADE TREATMENT, POLYMER GRID	SY	24611	\$7.00	\$172,277.00
9	SUBGRADE TREATMENT, 10% FLY ASH, 12-INCH DEPTH	SY	2940	\$40.00	\$117,600.00
10	ENGINEERING FABRIC	SY	10181	\$3.00	\$30,543.00
11	MODIFIED SUBBASE, 6-INCH DEPTH	SY	544	\$16.00	\$8,704.00
12	MODIFIED SUBBASE, 12-INCH DEPTH	SY	24611	\$23.00	\$566,053.00
13	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	TON	850	\$42.00	\$35,700.00
14	STORM SEWER, TRENCHED, RCP, 2000D (CLASS III), 12 IN.	LF	37	\$175.00	\$6,475.00
15	STORM SEWER, TRENCHED, RCP, 2000D (CLASS III), 15 IN.	LF	129	\$185.00	\$23,865.00
16	STORM SEWER, TRENCHED, POLYPROPYLENE (PP), 15 IN.	LF	31	\$185.00	\$5,735.00
17	STORM SEWER, TRENCHED, RCP 2000D (CLASS III) OR PP, 15 IN.	LF	906	\$185.00	\$167,610.00
18	STORM SEWER, TRENCHED, RCP 3000D (CLASS IV), 12 IN.	LF	21	\$185.00	\$3,885.00
19	STORM SEWER, TRENCHED, RCP, 3000D (CLASS IV), 15 IN.	LF	444	\$200.00	\$88,800.00
20	* REMOVAL OF STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	257	\$22.00	\$5,654.00
21	STORM SEWER ABANDONMENT, FILL AND PLUG, 15 IN.	LF	50	\$75.00	\$3,750.00
22	SUBDRAIN, HDPE, LONGITUDINAL, PERFORATED, 6 IN.	LF	6815	\$25.00	\$170,375.00
23	SUBDRAIN, HDPE, MEDIAN, PERFORATED, 4 IN.	LF	2311	\$22.00	\$50,842.00
24	FOOTING DRAIN COLLECTOR, HDPE, PERFORATED, 6 IN.	LF	100	\$22.00	\$2,200.00
25	SUBDRAIN OUTLETS AND CONNECTIONS, 8-INCH CMP	EACH	22	\$525.00	\$11,550.00
26	SUBDRAIN OUTLETS AND CONNECTIONS, INSERTA TEE	EACH	9	\$550.00	\$4,950.00
27	SANITARY SEWER SPOT REPAIR BY PIPE REPLACEMENT	EACH	2	\$7,000.00	\$14,000.00
28	MANHOLE, SW-401, 48 IN.	EACH	2	\$5,000.00	\$10,000.00
29	INTAKE, SW-501	EACH	3	\$5,200.00	\$15,600.00
30	INTAKE, SW-505	EACH	18	\$7,500.00	\$135,000.00
31	INTAKE, SW-507	EACH	4	\$1,000.00	\$4,000.00
32	MANHOLE ADJUSTMENT, MINOR	EACH	2	\$2,000.00	\$4,000.00
33	INTAKE ADJUSTMENT, MINOR	EACH	1	\$3,500.00	\$3,500.00
34	MANHOLE ADJUSTMENT, MAJOR	EACH	8	\$5,200.00	\$41,600.00
35	* REMOVE MANHOLE	EACH	2	\$1,000.00	\$2,000.00
36	* REMOVE INTAKE	EACH	15	\$1,000.00	\$15,000.00
37	PAVEMENT, PCC, CLASS C, CLASS 3 DURABILITY, 8-INCH	SY	648	\$70.00	\$45,360.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
38	CURB AND GUTTER, 1.5 FT WIDTH, 10-INCH THICKNESS	LF	6564	\$36.00	\$236,304.00
39	CURB AND GUTTER, 2.0 FT WIDTH, 7-INCH THICKNESS	LF	637	\$34.00	\$21,658.00
40	RAISED MEDIAN CURB, TYPE 'A'	LF	1066	\$46.00	\$49,036.00
41	CONCRETE MEDIAN, TYPE A	SY	42	\$160.00	\$6,720.00
42	CONCRETE MEDIAN, TYPE B	SY	581	\$160.00	\$92,960.00
43	COLORED MEDIAN BAND, 5-INCH PCC, REMOVE AND REPLACE	SY	177	\$105.00	\$18,585.00
44	PAVEMENT, HMA, HIGH TRF (HT), BASE COURSE, 3/4 IN. MIX, PG 58-28S, 4-INCH THICKNESS	SY	20648	\$25.00	\$516,200.00
45	PAVEMENT, HMA, HIGH TRF (HT), INTERMEDIATE COURSE, 1/2 IN. MIX, PG 58-28H, 4-INCH THICKNESS	SY	20648	\$26.00	\$536,848.00
46	PAVEMENT, HMA, HIGH TRF (HT), SURFACE COURSE, 1/2 IN. MIX, PG 58-28H, 2-INCH THICKNESS	SY	20694	\$13.00	\$269,022.00
47	PAVEMENT, HMA, STD TRF (ST), BASE COURSE, 3/4 IN. MIX, PG 58-28S	TON	141	\$110.00	\$15,510.00
48	PAVEMENT, HMA, STD TRF (ST), SURFACE COURSE, 1/2 IN. MIX, PG 58-28S	TON	106	\$110.00	\$11,660.00
49	HMA OVERLAY, HIGH TRF (HT), SURFACE COURSE, 1/2 IN. MIX, PG 58-28H, 3-INCH THICKNESS	SY	4011	\$20.00	\$80,220.00
50	* HMA PAVEMENT DENSITY DEFICIENCY	EACH	0	(\$1.00)	\$0.00
51	* HMA PAVEMENT THICKNESS DEFICIENCY	EACH	0	(\$1.00)	\$0.00
52	* HMA PAVEMENT SMOOTHNESS DEFICIENCY	EACH	0	(\$1.00)	\$0.00
53	* HMA PAVEMENT SAMPLES AND TESTING	LS	1	\$20,000.00	\$20,000.00
54	* REMOVAL OF SIDEWALKS	SY	277	\$14.00	\$3,878.00
55	* REMOVAL OF DRIVEWAYS	SY	2669	\$12.00	\$32,028.00
56	SIDEWALK, PCC, 5 IN.	SY	3390	\$50.00	\$169,500.00
57	SIDEWALK, PCC, 6 IN.	SY	278	\$90.00	\$25,020.00
58	SIDEWALK, PCC, 6 IN. CLASS A	SY	40	\$90.00	\$3,600.00
59	BRICK PAVERS, MEDIAN	SF	125	\$35.00	\$4,375.00
60	DETECTABLE WARNING	SF	260	\$55.00	\$14,300.00
61	DRIVEWAY, PAVED, PCC, 6 IN.	SY	1249	\$60.00	\$74,940.00
62	DRIVEWAY, PAVED, PCC, 7 IN.	SY	504	\$65.00	\$32,760.00
63	FULL-DEPTH PATCHES	SY	446	\$330.00	\$147,180.00
64	SUBBASE OVER-EXCAVATION FOR PATCHING	TON	125	\$120.00	\$15,000.00
65	* MILLING	SY	4011	\$11.00	\$44,121.00
66	* PAVEMENT REMOVAL	SY	23071	\$20.00	\$461,420.00
67	* MEDIAN REMOVAL	SY	290	\$32.00	\$9,280.00
68	* REMOVAL OF RAISED MEDIAN CURB	LF	1066	\$12.00	\$12,792.00
69	* PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	193	\$16.00	\$3,088.00
70	* PAINTED PAVEMENT MARKINGS, DURABLE	STA	45	\$120.00	\$5,400.00
71	* PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL, INLAY	STA	37	\$475.00	\$17,575.00
72	* PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL, GROOVED	STA	32	\$475.00	\$15,200.00
73	* WET, RETROREFLECTIVE REMOVABLE TAPE MARKINGS	STA	90	\$185.00	\$16,650.00
74	* REMOVABLE SYMBOLS & LEGENDS, TEMPORARY TAPE	EACH	19	\$425.00	\$8,075.00
75	* PAINTED SYMBOLS & LEGENDS, WATERBORNE	EACH	21	\$150.00	\$3,150.00
76	* PAINTED SYMBOLS & LEGENDS, DURABLE	EACH	18	\$260.00	\$4,680.00
77	* PAVEMENT MARKINGS REMOVED	STA	150	\$100.00	\$15,000.00
78	* SYMBOLS & LEGENDS REMOVED	EACH	25	\$200.00	\$5,000.00
79	* GROOVES CUT FOR PAVEMENT MARKINGS	STA	77	\$100.00	\$7,700.00
80	* GROOVES CUT FOR SYMBOLS AND LEGENDS	EACH	18	\$200.00	\$3,600.00
81	* TEMPORARY TRAFFIC CONTROL	LS	1	\$85,000.00	\$85,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
82	* SAFETY CLOSURE	EACH	34	\$200.00	\$6,800.00
83	* CONVENTIONAL SEEDING, TYPE 1	ACRE	0.75	\$2,500.00	\$1,875.00
84	* HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	ACRE	1.7	\$4,500.00	\$7,650.00
85	* SODDING	SQ	725	\$110.00	\$79,750.00
86	* FILTER SOCK, 9 IN. DIA.	LF	7300	\$3.00	\$21,900.00
87	* FILTER SOCK, REMOVAL	LF	7300	\$1.00	\$7,300.00
88	* TEMPORARY RECP, WOOD EXCELSIOR	SY	2400	\$4.00	\$9,600.00
89	* SILT FENCE OR SILT FENCE DITCH CHECK	LF	2300	\$4.00	\$9,200.00
90	* SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	LF	4600	\$2.00	\$9,200.00
91	* SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	LF	2300	\$1.00	\$2,300.00
92	* EROSION CONTROL MULCHING, HYDROMULCHING	ACRE	3	\$3,000.00	\$9,000.00
93	* INLET PROTECTION DEVICE, SEDIMENT FILTER BAG	EACH	30	\$250.00	\$7,500.00
94	* INLET PROTECTION DEVICE, MAINTENANCE	EACH	60	\$30.00	\$1,800.00
95	MODULAR BLOCK RETAINING WALL	SF	4238	\$36.00	\$152,568.00
96	LIMESTONE RETAINING WALL	SF	50	\$82.00	\$4,100.00
97	SEGMENTAL BLOCK RETAINING WALL	SF	5111	\$55.00	\$281,105.00
98	GRANULAR BACKFILL FOR SEGMENTAL BLOCK RETAINING WALL	TON	1134	\$65.00	\$73,710.00
99	CONCRETE STEPS, TYPE B	SF	141	\$65.00	\$9,165.00
100	HANDRAIL, GALVANIZED STEEL PIPE, BLACK POWDER COATED	LF	48	\$150.00	\$7,200.00
101	* MOBILIZATION	LS	1	\$735,023.00	\$735,023.00
102	* MAINTENANCE OF POSTAL SERVICE	LS	1	\$8,500.00	\$8,500.00
103	* MAINTENANCE OF SOILD WASTE COLLECTION	LS	1	\$14,000.00	\$14,000.00
104	* CONCRETE WASHOUT	LS	1	\$15,000.00	\$15,000.00
105	* COLD WEATHER PROTECTION FOR CONCRETE	SY	2500	\$1.00	\$2,500.00
106	* TEMPORARY PAVEMENT	SY	550	\$70.00	\$38,500.00
107	* TEMPORARY GRANULAR MATERIAL	TON	1200	\$35.00	\$42,000.00
108	* SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	25	\$50.00	\$1,250.00
109	PCC FILL MATERIAL	LF	500	\$4.00	\$2,000.00
110	* SEAL PCC DRIVEWAY JOINTS	LF	820	\$4.00	\$3,280.00
111	* VIDEO INSPECTION FOR SEWER PIPES	LS	1	\$25,000.00	\$25,000.00
112	* REMOVALS	LS	1	\$15,000.00	\$15,000.00
113	* REMOVE RETAINING WALL	SF	2435	\$12.00	\$29,220.00
114	* REMOVE ABANDONED WATER MAIN	LF	50	\$100.00	\$5,000.00
115	* MEDIAN EXCAVATION, REMOVE AMENDED SOIL AND PLANTS	CY	931	\$12.00	\$11,172.00
116	* CORE MEDIAN WALL OR FOOTING	EACH	14	\$550.00	\$7,700.00
117	COLORED CONCRETE MEDIAN WALL	LF	18	\$500.00	\$9,000.00
118	COLORED CONCRETE MEDIAN CURB	LF	10	\$125.00	\$1,250.00
119	* TREE TRIMMING	LS	1	\$5,000.00	\$5,000.00
120	* MOWING	ACRE	14	\$500.00	\$7,000.00
121	* MEDIAN WEED CONTROL	EACH	55	\$200.00	\$11,000.00
122	* SUPPLEMENTAL WATERING FOR SOD	GAL	72500	\$0.25	\$18,125.00
123	* FURNISH AND INSTALL OBJECT MARKER, TYPE OM1-3	EACH	7	\$300.00	\$2,100.00
124	* FURNISH AND INSTALL SIGN	EACH	54	\$450.00	\$24,300.00
125	* REMOVE, STORE, AND REINSTALL SIGN	EACH	2	\$250.00	\$500.00
126	* REMOVE SIGN AND SIGN POST	EACH	42	\$75.00	\$3,150.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
127 *	TEMPORARY TRAFFIC CONTROL SIGN	SF	40	\$75.00	\$3,000.00
128 *	VERTICAL DELINEATOR POST AND BASE, 3 FT, YELLOW	EACH	60	\$100.00	\$6,000.00
129 *	REMOVE VERTICAL DELINEATOR POST AND BASE	EACH	100	\$20.00	\$2,000.00
130 *	PERFORATED SQUARE STEEL TUBE POSTS	LF	150	\$16.00	\$2,400.00
131 *	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	190	\$100.00	\$19,000.00
132 *	TEMPORARY BARRIER RAIL (CONCRETE)	LF	1660	\$34.00	\$56,440.00
133 *	FLAGGER	EACH	30	\$605.00	\$18,150.00
134 *	TEMPORARY TRAFFIC SIGNALIZATION	EACH	4	\$10,000.00	\$40,000.00
135	MINOR ADJUSTMENT, UTILITY MANHOLE OR HANDHOLE	EACH	10	\$2,500.00	\$25,000.00
136 *	COMPLETION INCENTIVE, LUMP SUM, NO EXCUSE	LS	1	\$130,000.00	\$130,000.00
137 *	COMPLETION INCENTIVE, CALENDAR DAY, NO EXCUSE	CDAY	30	\$4,000.00	\$120,000.00
138 *	CHECK DEPTH OF WATER SERVICE	EACH	10	\$500.00	\$5,000.00
139	LOWER WATER SERVICE	EACH	1	\$1,000.00	\$1,000.00
140	LOWER WATER SERVICE WITH NEW 3/4" COPPER	EACH	1	\$2,500.00	\$2,500.00
141	TRAFFIC SIGNALIZATION	LS	1	\$132,000.00	\$132,000.00
142	TRAFFIC SIGNAL INTERCONNECT	LS	1	\$300,000.00	\$300,000.00
143	TOPSOIL, AMENDED MEDIAN SOIL	CY	2796	\$53.00	\$148,188.00
144 *	TREE PROTECTION AND TEMPORARY FENCING	LF	2970	\$5.00	\$14,850.00
145 *	TREE TRUNK PROTECTION	EACH	5	\$350.00	\$1,750.00
146 *	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	LS	1	\$11,000.00	\$11,000.00
147	LANDSCAPED MEDIAN IRRIGATION	LS	1	\$100,000.00	\$100,000.00
148 *	FLAGGER, UNIFORMED POLICE OFFICER	EACH	30	\$135.00	\$4,050.00
149	ORNAMENTAL FENCE, 48-INCH HEIGHT	LF	480	\$80.00	\$38,400.00
150 *	VIBRATION MONITORING	LS	1	\$15,000.00	\$15,000.00

DIVISION 1, TOTAL \$8,423,500.00

DIVISION 2: DES MOINES WATER WORKS

200	WATER MAIN, TRENCHED, DUCTILE IRON (DI), RESTRAINED JOINT, 8 IN.	LF	95	\$235.00	\$22,325.00
201	PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE, 8 IN.	EA	1	\$6,000.00	\$6,000.00
202	FITTINGS BY WEIGHT, DUCTILE IRON	LB	138	\$8.50	\$1,173.00
203	FIRE HYDRANT ASSEMBLY	EA	2	\$7,000.00	\$14,000.00
204 *	FIRE HYDRANT REMOVAL	EA	6	\$3,200.00	\$19,200.00
205	32LB MAGNESIUM ANODES	EA	4	\$980.00	\$3,920.00
206	WATER MAIN CONNECTION, NIGHT WORK	EA	1	\$7,182.00	\$7,182.00
207	FOUNDATION ROCK	TON	60	\$45.00	\$2,700.00

DIVISION 2, TOTAL \$76,500.00

Prepared By: Brett Lewis

Checked By: _____

TOTAL CONSTRUCTION COST (DIVISION 1 + DIVISION 2)	\$8,500,000.00
--	-----------------------

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

* Estimate Total= \$2,513,082.00