



DATE May 10, 2021

ORDERING CONSTRUCTION OF
E. 2ND STREET RECONSTRUCTION FROM E. COURT AVENUE TO IOWA INTERSTATE RAILROAD
AND FIXING A DATE FOR RECEIVING OF BIDS ONMAY 25, 2021
AND PUBLIC HEARING ON JUNE 14, 2021
ENGINEER'S ESTIMATE IS \$1,177,500.00

BE IT RESOLVED BY THECITY 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:

E. 2nd Street Reconstruction from E. Court Avenue to Iowa Interstate Railroad, 062021007

The improvement includes construction of Portland Cement Concrete (PCC) pavement, Hot-Mix Asphalt (HMA) paving, PCC driveways, PCC sidewalks, modified subbase, subdrain, storm sewer, intakes, biocells, pavement markings, electrical conduit, water main relocations, site furnishings, plantings, ornamental fencing and gates, and miscellaneous associated work and incidental items; all in accordance with the contract documents, including Plan File Nos. 629-004/056, located on East 2nd Street from East Court Avenue to the Iowa Interstate Railroad at East Vine Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,177,500.00. 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 theCity of Des Moines, at the office of the Des Moines City Clerk until 11:00 a.m. on May 25, 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 25, 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

6C

DATE May 10, 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 21-215 attached.)

Moved by _____ to adopt.

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 133, Market District Infrastructure Improvements, ST282, Being: \$1,118,345 in TIF Bonds to be issued and the remaining \$59,155 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

66

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

ACT. ID 06-2021-007

DATE: 4/19/2021

PROJECT: E. 2ND STREET RECONSTRUCTION FROM E. COURT AVENUE TO IOWA INTERSTATE RAILROAD

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
BASE ITEMS						
1	* 2010-108-A-0	Clearing and Grubbing	UNIT	6.40	\$1,000.00	\$6,400.00
2	* 2010-108-E-0	Excavation, Class 13	CY	384.00	\$30.00	\$11,520.00
3	* 2010-108-G-0	Subgrade Preparation	SY	3431.00	\$5.00	\$17,155.00
4	* 2010-108-I-1	Subbase, Modified, 6"	SY	2596.00	\$20.00	\$51,920.00
5	* 3010-108-C-0	Trench Foundation	TON	250.00	\$35.00	\$8,750.00
6	---	Imported Backfill	TON	250.00	\$65.00	\$16,250.00
7	---	Special Pipe Support	EA	4.00	\$4,000.00	\$16,000.00
8	4020-108-A-1	Storm Sewer, Trenched, RCP, Class III, 15"	LF	579.00	\$130.00	\$75,270.00
9	* 4020-108-C-0	Removal of Sewer, Less Than or Equal To 36"	LF	621.00	\$35.00	\$21,735.00
10	4040-108-A-0	Subdrain, Type 1, Perforated PVC SDR 35, 6"	LF	898.00	\$25.00	\$22,450.00
11	4040-108-C-1	Subdrain Cleanout, Type A-1, 6"	EA	7.00	\$1,000.00	\$7,000.00
12	4040-108-D-0	Subdrain Outlet and Connections, 6"	EA	24.00	\$750.00	\$18,000.00
13	6010-108-A-0	Manhole, Type SW-401, 48"	EA	3.00	\$6,000.00	\$18,000.00
14	6010-108-A-1	Manhole, Type SW-401, 60"	EA	1.00	\$10,000.00	\$10,000.00
15	6010-108-B-0	Intake, Type SW-501	EA	5.00	\$5,000.00	\$25,000.00
16	---	Intake, Inline Drain, PVC, 10"	EA	2.00	\$3,500.00	\$7,000.00
17	6010-108-G-0	Connection to Existing Sewer	EA	1.00	\$2,500.00	\$2,500.00
18	* 6010-108-H-0	Remove Sewer Structure	EA	9.00	\$1,500.00	\$13,500.00
19	7010-108-A-0	PCC Pavment, 7" with Intergral Curb and Gutter	SY	1752.00	\$75.00	\$131,400.00
20	7020-108-B-0	Pavement, HMA HT Surface, 1/2" Mix, PG 58-28 S	TON	36.00	\$150.00	\$5,400.00
21	---	Sawcut and Remove Beam Curb (At Salvation Army Lot)	LS	1.00	\$1,500.00	\$1,500.00
22	* 7030-108-A-0	Removal of Sidewalk	SY	470.00	\$15.00	\$7,050.00
23	* 7030-108-A-0	Removal of Driveway	SY	490.00	\$15.00	\$7,350.00
24	7030-108-E-0	Sidewalk, PCC, 5"	SY	813.00	\$70.00	\$56,910.00
25	7030-108-G-0	Detectable Warning	SF	48.00	\$50.00	\$2,400.00
26	7030-108-H-1	Driveway, Paved, PCC, 7"	SY	676.00	\$80.00	\$54,080.00
27	---	Granular Surfacing, Class A Crushed Stone	TON	250.00	\$45.00	\$11,250.00
28	---	Beam Curb (At Bioretention Cell), PCC, Reinforced	LF	182.00	\$100.00	\$18,200.00
29	---	Curb Cut Cover Plate	EA	2.00	\$750.00	\$1,500.00
30	* 7040-108-H-0	Pavement Removal	SY	2639.00	\$15.00	\$39,585.00
31	* 7040-108-H-0	Removal of Gravel Surfacing	SY	101.00	\$20.00	\$2,020.00
32	---	Steel Rail Track Removal	LF	265.00	\$70.00	\$18,550.00
33	* 8020-108-B-0	Painted Pavement Markings, Durable, Epoxy	STA	1.73	\$500.00	\$865.00
34	* 8020-108-M-0	Grooves Cut for Pavement Markings	STA	1.73	\$250.00	\$432.50
35	* 8030-108-A-0	Temporary Traffic Control	LS	1.00	\$20,000.00	\$20,000.00
36	---	Removal of Signs and Bollards	EA	13.00	\$200.00	\$2,600.00
37	---	Light Pole Foundation Removal	EA	1.00	\$5,000.00	\$5,000.00
38	---	Type A Sign, Sheet Aluminum	SF	24.25	\$40.00	\$970.00
39	---	Sign Post, Round, Steel Post	LF	32.00	\$30.00	\$960.00
40	---	Double-Shredded Hardwood Mulch	CY	19.50	\$90.00	\$1,755.00
41	* 9030-108-B-0	Plants with Warranty, Deciduous Tree, B&B	EA	17.00	\$600.00	\$10,200.00
42	* 9030-108-B-0	Plants with Warranty, Shrub, Cont	EA	59.00	\$85.00	\$5,015.00
43	* 9030-108-B-0	Plants with Warranty, Perennial Plant, Cont	EA	1029.00	\$20.00	\$20,580.00
44	* 9030-108-B-0	Plants with Warranty, Bulb (Plant)	EA	104.00	\$12.00	\$1,248.00
45	---	Modified Soils, At Biocell	CY	44.00	\$100.00	\$4,400.00
46	---	Planting Soils, At Grade Planting Area	CY	207.00	\$90.00	\$18,630.00
47	---	Choker Aggregate, At Biocell	TON	2.50	\$100.00	\$250.00
48	---	Aggregate Subbase, At Biocell	TON	12.00	\$75.00	\$900.00
49	---	Engineering Fabric, At Biocell	SY	95.00	\$4.50	\$427.50

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
50	* 9040-108-D-1	Filter Sock	LF	265.00	\$5.00	\$1,325.00
51	* 9040-108-O-1	Stabilized Construction Entrance	TON	500.00	\$40.00	\$20,000.00
52	* 9040-108-T-1	Inlet Protection Device	EA	7.00	\$275.00	\$1,925.00
53	---	Sediment Box	EA	2.00	\$1,500.00	\$3,000.00
54	* ---	1" Clean Crushed Stone	TON	10.00	\$100.00	\$1,000.00
55	* ---	Erosion Control Rock, 3'-6" Trap Rock	TON	10.00	\$150.00	\$1,500.00
56	---	Ornamental Fence and Pedestrian Gate	LF	120.00	\$200.00	\$24,000.00
57	---	Ornamental Cantilever Gate	EA	1.00	\$6,500.00	\$6,500.00
58	---	Cantilever Gate Motor and Access Control System	AL	1.00	\$25,000.00	\$25,000.00
59	* 9060-108-E-0	Removal of Fence	LF	126.00	\$20.00	\$2,520.00
60	---	Steel Edging	LF	100.00	\$12.50	\$1,250.00
61	---	Bioretention Edge Rail, At Blocell	LF	175.00	\$175.00	\$30,625.00
62	* ---	Railroad Provisions	LS	1.00	\$25,000.00	\$25,000.00
63	* 11,010-108-A	Construction Survey	LS	1.00	\$13,000.00	\$13,000.00
64	* 11,020-108-A	Mobilization	LS	1.00	\$50,001.00	\$50,001.00
65	* 11,060-108-A	Concrete Washout	LS	1.00	\$4,500.00	\$4,500.00
66	* ---	Reinforced Concrete Box (RBC), Single Cell, 12'x4'	LF	24.00	\$1,250.00	\$30,000.00
67	---	Litter Receptacle	EA	1.00	\$3,000.00	\$3,000.00
68	---	Electrical Conduit, Schedule 40, 1.5"	LF	914.00	\$16.50	\$15,081.00
69	---	Electrical Conduit, Schedule 40, 2"	LF	317.00	\$20.00	\$6,340.00
70	---	Electrical Handhole, 12"x12"	EA	6.00	\$1,500.00	\$9,000.00
71	---	Electrical Handhole, 18" Diameter	EA	3.00	\$1,800.00	\$5,400.00
72	---	Electrical Meter-Controls Pedestal	EA	1.00	\$4,500.00	\$4,500.00
73	---	Electrical Service Transfer	EA	1.00	\$8,500.00	\$8,500.00
74	---	Street Light Pole Foundation and Base	EA	3.00	\$8,500.00	\$25,500.00
75	---	Watermain, Trenched, Ductile Iron, Restrained Joint, 8", For Watermain Alteration	LF	120.00	\$200.00	\$24,000.00
76	* ---	Exploratory Excavation to Locate Existing Watermain Below Proposed Storm Sewer Depth	EA	3.00	\$3,000.00	\$9,000.00
77	---	Fittings by Weight, Ductile Iron	LB	920.00	\$11.50	\$10,580.00
78	---	Fire Hydrant Assembly	EA	1.00	\$8,000.00	\$8,000.00
79	* ---	32 lb Magnesium Anode	EA	4.00	\$800.00	\$3,200.00
80	* ---	Foundation Rock, DMWW	TON	25.00	\$45.00	\$1,125.00
81	* ---	Manufactured Sand For Watermain Alterations	TON	50.00	\$65.00	\$3,250.00
TOTAL BASE CONSTRUCTION COST						\$1,177,500.00
ADD ALTERNATE ITEMS						
A.01	---	Water Line from Main to Meter, 1"	LF	46.00	\$130.00	\$5,980.00
A.02	---	1" Tap to Watermain for Irrigation	EA	1.00	\$2,000.00	\$2,000.00
A.03	---	Irrigation System: Lines, Valves, Sleeves, Sprays, Controller and Pedestal, Complete	LS	1.00	\$47,500.00	\$47,500.00
A.04	---	Insulated RPZ Cabinet/Enclosure and PCC Pad	EA	1.00	\$10,000.00	\$10,000.00
A.05	---	Meter Pit and 3/4" Meter for Irrigation	EA	1.00	\$7,020.00	\$7,020.00
SUBTOTAL OF ADD ALTERNATE ITEMS						\$72,500.00

TOTAL BASE CONSTRUCTION COST PLUS ADD ALTERNATES	\$1,250,000.00
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Prepared By: M. RADERMACHER

Checked By: _____

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

\$510,184.00