



Date November 18, 2024

**ORDERING CONSTRUCTION OF
E. 4TH STREET IMPROVEMENTS FROM
NORTH OF E. MARKET STREET TO E. COURT AVENUE
AND FIXING A DATE FOR RECEIVING OF BIDS ON DECEMBER 10, 2024
AND PUBLIC HEARING ON JANUARY 13, 2025
ENGINEER'S ESTIMATE IS \$2,000,000**

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:

E. 4th Street Improvements from North of E. Market Street to E. Court Avenue, Activity ID 062024015

The improvement includes construction of Portland Cement Concrete (PCC) pavement, Hot-Mix Asphalt (HMA) paving, permeable pavers, PCC sidewalks, modified subbase, subdrain, storm sewer, intakes, biocells, pavement markings, electrical conduit, water main relocations, site furnishings, plantings, and other associated work, all in accordance with the contract documents including Plan File No. 667-001/087, located on E. 4th Street from north of E. Market Street to E. Court Avenue, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$2,000,000. 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 January 13, 2025, 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 December 10, 2024, 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 December 10, 2024, 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

7 B

Date November 18, 2024

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.

(Council Communication No. 24-460)

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: 2024-25 CIP, Page 118, Market District Infrastructure Improvements, ST282, Tax Increment Funding Bonds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
BOESEN				
COLEMAN				
GATTO				
MANDELBAUM				
SIMONSON				
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

CONSTRUCTION ESTIMATE

7B

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 06-2024-015

Date: 10/30/2024

PROJECT: E. 4TH STREET IMPROVEMENTS FROM NORTH OF E. MARKET STREET TO E. COURT AVENUE

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* CLEARING AND GRUBBING	LS	1	\$4,000.00	\$4,000.00
2	* TOPSOIL, OFF-SITE	CY	90	\$100.00	\$9,000.00
3	* EXCAVATION, CLASS 10, CONTRACTOR FURNISHED	CY	1120	\$37.50	\$42,000.00
4	* SUBGRADE PREPARATION	SY	4000	\$8.00	\$32,000.00
5	* SUBGRADE TREATMENT, GEOGRID, TYPE 2	SY	600	\$9.00	\$5,400.00
6	* SUBBASE, MODIFIED, 4 INCH	SY	338	\$17.00	\$5,746.00
7	* SUBBASE, MODIFIED, 6 INCH	SY	1123	\$25.00	\$28,075.00
8	* REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	CY	490	\$80.00	\$39,200.00
9	STORM SEWER, TRENCHED, 15"	LF	236	\$140.00	\$33,040.00
10	STORM SEWER, TRENCHED, 18"	LF	212	\$180.00	\$38,160.00
11	STORM SEWER, TRENCHED, CLASS 52 DIP, 12"	LF	46	\$220.00	\$10,120.00
12	NYLOPLAST INLINE AREA DRAIN, 6"	EA	2	\$1,100.00	\$2,200.00
13	* REMOVAL OF STORM SEWER, RCP	LF	83	\$45.00	\$3,735.00
14	* STORM SEWER ABANDONMENT, FILL AND PLUG	LF	300	\$40.00	\$12,000.00
15	SUBDRAIN, TYPE 1, PVC, 6"	LF	410	\$30.00	\$12,300.00
16	SUBDRAIN, TYPE 1, PVC, 8"	LF	310	\$50.00	\$15,500.00
17	SUBDRAIN CLEANOUT, A-2, 8"	EA	2	\$1,000.00	\$2,000.00
18	SUBDRAIN OUTLETS AND CONNECTIONS, 6"	EA	2	\$750.00	\$1,500.00
19	SUBDRAIN OUTLETS AND CONNECTIONS, 8"	EA	6	\$800.00	\$4,800.00
20	SUBDRAIN, NYOPLAST DRAIN BASIN, 8"	EA	2	\$2,850.00	\$5,700.00
21	GREEN INFRASTRUCTURE TROUGH	EA	1	\$19,500.00	\$19,500.00
22	INTAKE, SW-501	EA	5	\$7,000.00	\$35,000.00
23	INTAKE, SW-502	EA	2	\$7,000.00	\$14,000.00
24	MANHOLE ADJUSTMENT, MINOR	EA	7	\$2,500.00	\$17,500.00
25	MANHOLE ADJUSTMENT, MAJOR	EA	1	\$5,000.00	\$5,000.00
26	CONNECTION TO EXISTING MANHOLE	EA	2	\$5,775.00	\$11,550.00
27	* REMOVE MANHOLE	EA	2	\$1,000.00	\$2,000.00
28	* REMOVE INTAKE	EA	5	\$1,400.00	\$7,000.00
29	BIOCELL CROSS BEAM	LF	10	\$245.00	\$2,450.00
30	BIOCELL WALL	LF	575	\$182.00	\$104,650.00
31	* CURB CUT	EA	2	\$2,500.00	\$5,000.00
32	PAVEMENT, PCC, 8"	SY	1069	\$105.00	\$112,245.00
33	CURB AND GUTTER, 8"	LF	650	\$85.00	\$55,250.00
34	ASPHALT OVERLAY, SURFACE COURSE, 1/2 IN. MIX, PG 58-28H, HIGH TRAFFIC	TON	157	\$120.00	\$18,840.00
35	* REMOVAL OF SIDEWALK	SY	715	\$25.00	\$17,875.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
36	* REMOVAL OF DRIVEWAY	SY	280	\$25.00	\$7,000.00
37	SIDEWALK, PCC, CLASS A, 6 INCH	SY	89	\$150.00	\$13,350.00
38	SIDEWALK, PCC, 5 INCH	SY	1151	\$90.00	\$103,590.00
39	SIDEWALK, PCC, TOP-CAST CONCRETE	SY	84	\$265.00	\$22,260.00
40	SIDEWALK, PCC, 6"	SY	418	\$110.00	\$45,980.00
41	SIDEWALK, PCC, COLORED BIKE LANE	SY	768	\$141.00	\$108,288.00
42	DETECTABLE WARNING	SF	127	\$70.00	\$8,890.00
43	DRIVEWAY, 8"	SY	447	\$100.00	\$44,700.00
44	* GRANULAR SURFACING	TON	57	\$37.00	\$2,109.00
45	* CRACK AND JOINT CLEANING AND FILLING, HOT POUR	LF	952	\$1.50	\$1,428.00
46	* MILLING	SY	1342.5	\$5.20	\$6,981.00
47	* PAVEMENT REMOVAL	SF	3187	\$12.00	\$38,244.00
48	* ENGINEERING FABRIC	SY	497	\$8.00	\$3,976.00
49	* STORAGE AGGREGATE	TON	193	\$93.50	\$18,045.50
50	* FILTER AGGREGATE	TON	38	\$80.00	\$3,040.00
51	* PERMEABLE INTERLOCKING PAVERS	SY	212	\$131.00	\$27,772.00
52	* PAINTED PAVEMENT MARKINGS, DURABLE, EPOXY	STA	0.7	\$1,000.00	\$700.00
53	* PAINTED SYMBOLS AND LEGENDS, DURABLE	EA	8	\$385.00	\$3,080.00
54	* GROOVES CUT FOR PAVEMENT MARKINGS	STA	0.7	\$350.00	\$245.00
55	* GROOVES CUT FOR SYMBOLS AND LEGENDS	EA	4	\$180.00	\$720.00
56	TYPE A SIGN, SHEET ALUMINUM	SF	19.5	\$63.00	\$1,228.50
57	* TEMPORARY TRAFFIC CONTROL	LS	1	\$44,000.00	\$44,000.00
58	PERFORATED SQUARE STEEL POSTS	LF	38	\$58.00	\$2,204.00
59	ROUND STEEL POSTS	LF	54	\$63.00	\$3,402.00
60	* REMOVE AND REINSTALL TRAFFIC SIGNS	EA	7	\$300.00	\$2,100.00
61	* REMOVE AND SALVAGE TRAFFIC SIGN ASSEMBLY	EA	1	\$300.00	\$300.00
62	LIGHT POLE FOUNDATION AND BASE	EA	13	\$3,500.00	\$45,500.00
63	ELECTRICAL CONDUIT, SCHEDULE 40, 1.5"	LF	318	\$19.00	\$6,042.00
64	ELECTRICAL CONDUIT, SCHEDULE 40, 2"	LF	306	\$22.00	\$6,732.00
65	ELECTRICAL HANDHOLE, 12" X 12"	EA	2	\$1,400.00	\$2,800.00
66	* HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	AC	0.1	\$12,000.00	\$1,200.00
67	* PLANTS WITH WARRANTY, DECIDUOUS TREE, B&B	EA	31	\$750.00	\$23,250.00
68	* PLANTS WITH WARRANTY, SHRUB, CONT	EA	88	\$100.00	\$8,800.00
69	* PLANTS WITH WARRANTY, PERENNIAL PLANT, CONT	EA	1838	\$25.00	\$45,950.00
70	* DOUBLE-SHREDED HARDWOOD MULCH	CY	39	\$100.00	\$3,900.00
71	* STORM WATER POLLUTION PREVENTION	LS	1	\$11,000.00	\$11,000.00
72	* FILTER SOCK, 9"	LF	600	\$3.25	\$1,950.00
73	* FILTER SOCKS, REMOVAL	LF	600	\$0.70	\$420.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
74	* STABILIZED CONSTRUCTION EXIT	TON	45	\$65.00	\$2,925.00
75	* INLET PROTECTION DEVICE	EA	7	\$205.00	\$1,435.00
76	* INLET PROTECTION DEVICE, MAINTENANCE	EA	7	\$40.00	\$280.00
77	REMOVE AND REPLACE CHAIN LINK FENCE	LF	203	\$50.00	\$10,150.00
78	* TREE PROTECTION	LF	200	\$5.00	\$1,000.00
79	IRRIGATION SYSTEM	LS	1	\$32,750.00	\$32,750.00
80	* SOIL TYPE 1 (BIOCELL)	CY	136	\$110.00	\$14,960.00
81	* SOIL TYPE 2 (STRUCTURAL)	CY	230	\$500.00	\$115,000.00
82	* SOIL TYPE 3 (AT-GRADE)	CY	140	\$105.00	\$14,700.00
83	* CHOKER AGGREGATE, AT BIOCELL	TON	7	\$110.00	\$770.00
84	* AGGREGATE SUBBASE, AT BIOCELL	TON	14	\$110.00	\$1,540.00
85	CURB CUT COVER PLATE	LF	19	\$435.00	\$8,265.00
86	* EROSION CONTROL ROCK, 3"-6" TRAP ROCK	TON	7	\$300.00	\$2,100.00
87	METAL BIORETENTION EDGE	LF	437	\$110.00	\$48,070.00
88	METAL BIORETENTION EDGE-DECORATIVE	LF	114	\$125.00	\$14,250.00
89	WEIR TYPE 1 (METAL)	EA	2	\$1,775.00	\$3,550.00
90	BIOCELL BRIDGE (METAL)	EA	2	\$21,500.00	\$43,000.00
91	STORMWATER TROUGH SCUPPER (METAL)	EA	1	\$1,000.00	\$1,000.00
92	BIKE RACK (WOOD TOP)	EA	10	\$1,000.00	\$10,000.00
93	BENCH TYPE 1 (BACKED)	EA	2	\$5,000.00	\$10,000.00
94	BENCH TYPE 2 (BACKLESS)	EA	1	\$3,500.00	\$3,500.00
95	LITTER RECEPTACLE TYPE 1 (TRASH)	EA	4	\$2,650.00	\$10,600.00
96	LITTER RECEPTACLE TYPE 2 (RECYCLING)	EA	4	\$3,000.00	\$12,000.00
97	PET WASTE STATION	EA	4	\$500.00	\$2,000.00
98	* RAILROAD PROVISIONS	LS	1	\$25,000.00	\$25,000.00
99	* CONSTRUCTION SURVEY	AL	1	\$40,000.00	\$40,000.00
100	* MOBILIZATION	LS	1	\$155,642.00	\$155,642.00
101	* CONCRETE WASHOUT	LS	1	\$10,000.00	\$10,000.00

Prepared By: Matt Radermacher

Checked By: _____

TOTAL CONSTRUCTION COST

\$2,000,000.00

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

* Estimate Total= \$854,593.50