



**Date** December 4, 2023

**ORDERING CONSTRUCTION OF  
UNIVERSITY AVENUE - 39TH STREET TO 48TH STREET IMPROVEMENTS  
AND FIXING A DATE FOR RECEIVING OF BIDS ON JANUARY 9, 2024  
AND PUBLIC HEARING ON FEBRUARY 5, 2024  
ENGINEER'S ESTIMATE IS \$4,175,000**

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:

University Avenue - 39th Street to 48th Street Improvements, Activity ID 062023002

The improvement includes Hot Mix Asphalt (HMA) pavement, Portland Cement Concrete (PCC) sidewalk and driveways, pavement removal, water main adjustments, water service replacement, storm sewer installation, manholes, intakes, pavement markings, traffic control, erosion control, surface restoration, and other incidental items, all in accordance with the contract documents, including Plan File No. 660-058/196, located on University Avenue from 39th Street to approximately 600 feet west of 48th Street and on 42nd Street from Crocker Street to University Avenue in Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$4,175,000. 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 February 5, 2024, 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 9, 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 January 9, 2024, after which the bids together



Date December 4, 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.

(Council Communication No. 23-530)

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

SLN pw

Funding Source: 2023-24 CIP, Page 128, University Ave - 48th Street to 31st Street, ST275, \$1,000,000 General Fund transfer made possible with American Rescue Plan Act (ARPA) Funds (Stormwater), \$2,384,655 in G.O. Bonds, \$194,835 in Storm water Funds transferred from SM057, \$444,000 in Road Use Tax Funds transferred from ST260, and the remaining \$151,510 from Des Moines Water Works

Table with 5 columns: COUNCIL ACTION, YEAS, NAYS, PASS, ABSENT. Rows include COUNCIL MEMBER NAMES and MOTION CARRIED.

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.

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

**CONSTRUCTION ESTIMATE**

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 06-2023-002

DATE: 11/6/2023

**PROJECT: University Avenue - 39th Street to 48th Street Improvements**

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0001	* 2010-108-C-0	CLEARING AND GRUBBING	LS	1	\$20,000.00	\$20,000.00
0002	2010-108-D-1	TOPSOIL, OFF-SITE	CY	250	\$20.00	\$5,000.00
0003	2010-108-E-0	EXCAVATION, CLASS 13, ROADWAY AND BORROW	CY	1000	\$40.00	\$40,000.00
0004	2010-108-H-0	SUBGRADE TREATMENT, GEO-GRID, TYPE 2	SY	2503	\$7.00	\$17,521.00
0005	2010-108-I-0	SUBBASE, MODIFIED, 6 INCH	SY	3377	\$15.00	\$50,655.00
0006	* 2010-108-X-X	EXPLORATORY EXCAVATION	EA	10	\$500.00	\$5,000.00
0007	3010-108-D-0	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	TON	500	\$40.00	\$20,000.00
0008	4010-108-F-0	SANITARY SEWER SERVICE RELOCATION	EA	5	\$3,000.00	\$15,000.00
0009	4020-108-A-1	STORM SEWER, TRENCHED, 15 INCH	LF	80	\$100.00	\$8,000.00
0010	4020-108-A-1	STORM SEWER, TRENCHED, 18 INCH	LF	38	\$120.00	\$4,560.00
0011	4020-108-A-1	STORM SEWER, TRENCHED, 24 INCH	LF	14	\$150.00	\$2,100.00
0012	4020-108-A-1	STORM SEWER, TRENCHED, 48 INCH	LF	123	\$300.00	\$36,900.00
0013	4020-108-A-1	STORM SEWER, TRENCHED, 72 INCH	LF	326	\$500.00	\$163,000.00
0014	* 4020-108-D-0	REMOVAL OF STORM SEWER PIPE	LF	535	\$35.00	\$18,725.00
0015	4030-108-B-0	PIPE APRON, CONCRETE, 72 INCH	EA	1	\$15,000.00	\$15,000.00
0016	4050-108-A-2	SANITARY SEWER CLEANING AND TELEVISION	HR	10	\$500.00	\$5,000.00
0017	4050-108-H-1	SPOT REPAIRS BY PIPE REPLACEMENT, SANITARY SEWER	LF	175	\$150.00	\$26,250.00
0018	5010-108-A-1	WATERMAIN, TRENCHED, CL52, 8 INCH, WITH NITRILE GASKETS, RESTRAINED JOINTS	LF	180	\$150.00	\$27,000.00
0019	5010-108-A-1	WATERMAIN, TRENCHED, CL52, 12 INCH, WITH NITRILE GASKETS, RESTRAINED JOINTS	LF	192	\$150.00	\$28,800.00
0020	* 5010-108-X-X	REMOVAL OF WATERMAIN	LF	314	\$15.00	\$4,710.00
0021	5010-108-C-2	FITTINGS BY WEIGHT, DUCTILE IRON	LB	1700	\$12.00	\$20,400.00
0022	5010-108-E-3	NEW STOP BOX HOUSING	EA	5	\$1,000.00	\$5,000.00
0023	5010-108-E-3	NEW STOP BOX ROD	EA	5	\$1,000.00	\$5,000.00
0024	5010-108-E-3	RELOCATION OF WATER SERVICE	EA	5	\$2,500.00	\$12,500.00
0025	5010-108-E-3	NEW WATER SERVICE	EA	5	\$1,500.00	\$7,500.00
0026	5010-108-E-3	LOWER WATER SERVICE	EA	5	\$1,800.00	\$9,000.00
0027	5010-108-E-3	RELOCATE STOP BOX	EA	5	\$1,000.00	\$5,000.00
0028	5020-108-A-0	VALVE, GATE, DIP, 8 IN.	EA	1	\$4,500.00	\$4,500.00
0029	5020-108-A-0	VALVE, GATE, DIP, 12 IN.	EA	2	\$7,000.00	\$14,000.00
0030	5020-108-C-0	FIRE HYDRANT ASSEMBLY	EA	3	\$7,000.00	\$21,000.00
0031	* 5020-108-D-0	FLUSHING DEVICE (TEMPORARY BLOWOFF HYDRANT)	EA	1	\$2,500.00	\$2,500.00
0032	5020-108-G-0	VALVE BOX REPLACEMENT	EA	3	\$1,000.00	\$3,000.00
0033	5020-108-I-0	FIRE HYDRANT ASSEMBLY REMOVAL	EA	3	\$1,500.00	\$4,500.00
0034	6010-108-A-0	STORM MANHOLE, SW-301, 48 INCH	EA	1	\$8,000.00	\$8,000.00
0035	6010-108-A-0	STORM MANHOLE, SW-401, 48 INCH	EA	2	\$10,000.00	\$20,000.00
0036	6010-108-A-0	STORM MANHOLE, SW-401, 72 INCH	EA	2	\$18,000.00	\$36,000.00
0037	6010-108-A-0	STORM MANHOLE, SW-404	EA	2	\$35,000.00	\$70,000.00
0038	6010-108-B-0	INTAKE, SW-501	EA	4	\$4,000.00	\$16,000.00
0039	6010-108-B-0	INTAKE, SW-505	EA	2	\$6,000.00	\$12,000.00
0040	6010-108-B-0	INTAKE, SW-505, MODIFIED, TRIPLE INTAKE	EA	1	\$15,000.00	\$15,000.00

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NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0041	6010-108-B-0	INTAKE, SW-516, MODIFIED	EA	3	\$60,000.00	\$180,000.00
0042	6010-108-C-2	EXTERNAL DROP CONNECTION	LS	1	\$15,000.00	\$15,000.00
0043	6010-108-E-0	MANHOLE ADJUSTMENT, MINOR	EA	12	\$1,500.00	\$18,000.00
0044	6010-108-E-0	INTAKE ADJUSTMENT, MINOR	EA	1	\$1,500.00	\$1,500.00
0045	6010-108-F-0	MANHOLE ADJUSTMENT, MAJOR	EA	1	\$3,000.00	\$3,000.00
0046 *	6010-108-H-0	REMOVE MANHOLE	EA	3	\$5,000.00	\$15,000.00
0047 *	6010-108-H-0	REMOVE INTAKE	EA	9	\$5,000.00	\$45,000.00
0048	7010-108-A-0	PAVEMENT, PCC, 8 INCH, PARKING	SY	707	\$100.00	\$70,700.00
0049	7010-108-A-0	PAVEMENT, PCC, 10 INCH, BASE	SY	876	\$100.00	\$87,600.00
0050	7010-108-E-0	CURB AND GUTTER, 2 FOOT, 8 INCH	LF	3197	\$40.00	\$127,880.00
0051	7010-108-G-0	COLORED PCC PAVEMENT, 8 INCH, STAMPED	SY	112	\$150.00	\$16,800.00
0052	7010-108-G-0	PCC MEDIAN, 4 INCH, SLOPED	SY	165	\$100.00	\$16,500.00
0053	7021-108-A-0	HMA HT SURFACE, 1/2" MIX, NO FRIC, PG 58-28H	TON	2713	\$110.00	\$298,430.00
0054	7021-108-A-0	HMA HT SURFACE, 1/2" MIX, NO FRIC, PG 58-28H WITH NEWROAD HYBRID POLYMER ADDITIVE	TON	1375	\$115.00	\$158,125.00
0055	7021-108-A-0	HMA ST BASE, 3/4" MIX, NO FRIC, PG 58-28S	TON	65	\$100.00	\$6,500.00
0056	7021-108-A-0	HMA ST INTERMEDIATE, 1/2" MIX, NO FRIC, PG 58-28S	TON	65	\$100.00	\$6,500.00
0057	7021-108-A-0	HMA ST SURFACE, 1/2" MIX, NO FRIC, PG 58-28S	TON	45	\$110.00	\$4,950.00
0058 *	7030-108-A-0	REMOVAL OF SIDEWALK	SY	1984	\$17.00	\$33,728.00
0059 *	7030-108-A-0	REMOVAL OF DRIVEWAY	SY	1446	\$17.00	\$24,582.00
0060	7030-108-E-0	SIDEWALK, PCC, 5 INCH	SY	2129	\$65.00	\$138,385.00
0061	7030-108-E-0	SIDEWALK, PCC, 6 INCH	SY	438	\$75.00	\$32,850.00
0062	7030-108-E-0	SIDEWALK, PCC, 6 INCH, REINFORCED	SY	19	\$80.00	\$1,520.00
0063	7030-108-E-0	SIDEWALK, COLORED PCC, 6 INCH	SY	925	\$150.00	\$138,750.00
0064	7030-108-G-0	DETECTABLE WARNING	SF	715	\$75.00	\$53,625.00
0065	7030-108-H-1	DRIVEWAY, PCC, 6 INCH	SY	806.5	\$75.00	\$60,487.50
0066	7030-108-H-1	DRIVEWAY, PCC, 8 INCH	SY	305	\$85.00	\$25,925.00
0067	7030-108-H-2	DRIVEWAY, GRANULAR, TEMPORARY CLASS A	TON	200	\$50.00	\$10,000.00
0068	7040-108-A-0	FULL DEPTH PATCHES, HMA	SY	1100	\$125.00	\$137,500.00
0069	7040-108-A-0	FULL DEPTH PATCHES, COMPOSITE	SY	1100	\$160.00	\$176,000.00
0070 *	7040-108-G-0	MILLING, 2 INCH	SY	21582	\$5.00	\$107,910.00
0071 *	7040-108-G-0	MILLING, 3 INCH	SY	7559	\$6.00	\$45,354.00
0072 *	7040-108-H-0	PAVEMENT REMOVAL	SY	4219	\$15.00	\$63,285.00
0073 *	7040-108-I-0	CURB AND GUTTER REMOVAL	LF	370	\$12.00	\$4,440.00
0074	8010-108-A-0	TRAFFIC SIGNALIZATION	LS	1	\$353,331.00	\$353,331.00
0075 *	8020-108-C-0	PAINTED PAVEMENT MARKINGS, DURABLE, EPOXY	STA	305	\$110.00	\$33,550.00
0076 *	8020-108-C-0	PAINTED PAVEMENT MARKINGS, METHYL METHACRYLATE (MMA)	SF	336	\$22.00	\$7,392.00
0077 *	8020-108-G-0	PAINTED SYMBOLS AND LEGENDS, DURABLE, EPOXY	EA	63	\$300.00	\$18,900.00
0078 *	8020-108-K-0	PAVEMENT MARKINGS REMOVED	STA	5	\$40.00	\$200.00
0079 *	8020-108-L-0	SYMBOLS AND LEGENDS REMOVED	EA	5	\$150.00	\$750.00
0080 *	8020-108-M-0	GROOVES CUT FOR PAVEMENT MARKINGS	STA	305	\$55.00	\$16,775.00
0081 *	8020-108-N-0	GROOVES CUT FOR SYMBOLS AND LEGENDS	EA	63	\$150.00	\$9,450.00
0082 *	8020-108-X-1	REMOVE AND REINSTALL SIGN, AS PER PLAN	EA	12	\$450.00	\$5,400.00
0083 *	8020-108-X-2	REMOVE SIGN AND SIGN POST	EA	73	\$100.00	\$7,300.00
0084 *	8020-108-X-3	TYPE A SIGN, SHEET ALUMINUM	SF	611	\$100.00	\$61,100.00

7C

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0085 *	8030-108-A-0	TEMPORARY TRAFFIC CONTROL	LS	1	\$100,000.00	\$100,000.00
0086 *	9010-108-A-0	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING	AC	0.5	\$10,000.00	\$5,000.00
0087 *	9040-108-D-1	FILTER SOCK, 9 INCH, INSTALL, MAINTAIN AND REMOVE	LF	6000	\$3.00	\$18,000.00
0088 *	9040-108-E-0	TEMPORARY RECP, WOOD EXCELSIOR MAT	SY	574	\$5.00	\$2,870.00
0089	9040-108-J-0	RIP RAP, CLASS 'E'	TON	250	\$90.00	\$22,500.00
0090 *	9040-108-O-1	STABILIZED CONSTRUCTION ENTRANCE	SY	244	\$25.00	\$6,100.00
0091 *	9040-108-T-1	INLET PROTECTION DEVICE, INSTALL, MAINTAIN AND REMOVE	EA	20	\$500.00	\$10,000.00
0092	9060-108-A-0	PRIVACY FENCE, WOOD PLANK	LF	85	\$100.00	\$8,500.00
0093 *	9060-108-E-0	REMOVAL OF FENCE	LF	121	\$15.00	\$1,815.00
0094	9070-108-A-0	REMOVE AND REINSTALL EXISTING MODULAR BLOCK RETAINING WALL	SF	150	\$100.00	\$15,000.00
0095 *	11010-108-A-1	CONSTRUCTION SURVEY & MONUMENT PRESERVATION	AL	1	\$45,000.00	\$45,000.00
0096 *	11020-108-A-1	MOBILIZATION	LS	1	\$251,469.50	\$251,469.50
0097 *	11030-108-A-0	MAINTENANCE OF POSTAL SERVICE	LS	1	\$5,000.00	\$5,000.00
0098 *	11030-108-B-0	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1	\$5,000.00	\$5,000.00
0099 *	11040-108-C-0	TEMPORARY BARRIER RAIL	LF	600	\$65.00	\$39,000.00
0100 *	11050-108-A-0	CONCRETE WASHOUT	LS	1	\$1,500.00	\$1,500.00
0101	12020-108-X-X	32 LB MAGNESIUM ANODE	EA	6	\$1,000.00	\$6,000.00
0102 *	12040-108-X-2	EMERGENCY CLOSURE FOR FOUND SINK HOLES	EA	5	\$10,000.00	\$50,000.00
0103 *	12050-108-X-3	OBJECT MARKER	EA	8	\$550.00	\$4,400.00
0104 *	12060-108-X-4	TROLLEY TRACK REMOVAL	LF	1000	\$75.00	\$75,000.00
0105	12060-108-X-5	FROST FOOTING	EA	5	\$5,000.00	\$25,000.00
0106 *	12060-108-X-6	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	75	\$250.00	\$18,750.00
0107	12060-108-X-8	PCC MANHOLE BOXOUT	EA	15	\$1,000.00	\$15,000.00

Prepared By: C. Kuhl

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

**TOTAL CONSTRUCTION COST** \$4,175,000.00

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

\* Estimate Total= \$1,189,955.50