



Date October 07, 2024

**ORDERING CONSTRUCTION OF
E. 8TH STREET AND E. MARKET STREET PUMP STATION
AND FIXING A DATE FOR RECEIVING OF BIDS ON NOVEMBER 5, 2024
AND PUBLIC HEARING ON DECEMBER 09, 2024
ENGINEER'S ESTIMATE IS \$13,000,000**

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. 8th Street and E. Market Street Pump Station, Activity ID 082024002

The improvement includes construction of a three (3)-pump storm water pump station including the installation of pumps, mechanical bar screens, electrical and controls building, cast-in-place concrete pump station structure, lighting, standby power generator, removal and demolition of existing pump station, Reinforced Concrete Pipe (RCP) storm sewer, Trenchless storm sewer, Reinforced Concrete Box (RCB) culvert, cast-in-place manholes, Portland Cement Concrete (PCC) pavement, excavation and expansion of an existing detention basin, landscaping, erosion control, restoration and miscellaneous associated work including cleanup and other incidental items, all in accordance with the contract documents including Plans File No. 665-019/084, located near E. 8th Street and E. Market Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$13,000,000. 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 December 09, 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 November 5, 2024, for the construction of said improvement, and the taking of bids in the manner required by law. Proposals received will be opened at



Roll Call Number

Agenda Item Number

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Date October 07, 2024

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 November 5, 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.

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. 24-402)

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				
MOTION CARRIED			APPROVED	
_____ Mayor				

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

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DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 08-2024-002
DATE: 9/9/2024

PROJECT: E. 8TH STREET AND E. MARKET STREET PUMP STATION

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0001	SPECIAL PROVISIONS	STORMWATER PUMP STATION	LS	1	\$5,000,000.00	\$5,000,000.00
0002	SPECIAL PROVISIONS	GATEWELL MODIFICATIONS	LS	1	\$300,000.00	\$300,000.00
0003	SPECIAL PROVISIONS	REINFORCED CONCRETE BOX SEWER 72" H x 96" W	LF	135	\$1,200.00	\$162,000.00
0004	SPECIAL PROVISIONS	PARALLEL WING HEADWALL, 72" H x 96" W	EA	1	\$24,000.00	\$24,000.00
0005	SPECIAL PROVISIONS	WATER MAIN, TRENCHED, DUCTILE IRON, CLASS 52, STAB JOINT, NITRILE GASKETS 16-INCH DIP	LF	349.5	\$250.00	\$87,375.00
0006	SPECIAL PROVISIONS	WATER MAIN, TRENCHED, DUCTILE IRON, CLASS 52, RESTRAINED, NITRILE GASKETS 16-INCH DIP	LF	247	\$400.00	\$98,800.00
0007	SPECIAL PROVISIONS	FIRE HYDRANT ASSEMBLY	EA	1	\$11,000.00	\$11,000.00
0008	SPECIAL PROVISIONS	VALVE, GATE, DUCTILE IRON, 16-INCH	EA	1	\$24,000.00	\$24,000.00
0009	SPECIAL PROVISIONS	FITTINGS BY EACH, DUCTILE IRON	EA	7	\$1,400.00	\$9,800.00
0010	SPECIAL PROVISIONS	32 LB MAGNESIUM ANODE	EA	16	\$1,000.00	\$16,000.00
0011	*	2010 STABILIZING MATERIAL	TONS	100	\$80.00	\$8,000.00
0012	*	2010 BOULDERS	EA	12	\$3,000.00	\$36,000.00
0013	*	2010 CLEARING AND GRUBBING	AC	9.4	\$7,500.00	\$70,500.00
0014	*	2010 DETENTION BASIN	CY	271828	\$12.00	\$3,261,936.00
0015	*	2010-D-3 TOPSOIL, OFF-SITE, 4" THICK	CY	2000	\$40.00	\$80,000.00
0016	*	2010-E EXCAVATION, CLASS 10	CY	116	\$35.00	\$4,060.00
0017	*	2010-G SUBGRADE PREPARATION, 12"	SY	1320	\$6.00	\$7,920.00
0018	*	2010-J SUBBASE, MODIFIED 6"	SY	1320	\$13.00	\$17,160.00
0019	*	3010 REMOVE WATERMAIN PIPE, 16"	LF	579	\$28.00	\$16,212.00
0020	*	3010 REMOVE STORM PIPE, 15" RCP	LF	384	\$24.00	\$9,216.00
0021	*	3010 REMOVE STORM PIPE, 54" RCP	LF	354	\$36.00	\$12,744.00
0022		4020 TUNNEL #1 - RCP OR FRPM PIPE, TRENCHLESS, 72"	LF	300	\$3,500.00	\$1,050,000.00
0023		4020 TUNNEL #2 - RCP OR FRPM PIPE, TRENCHLESS, 72"	LF	220	\$3,500.00	\$770,000.00
0024		4020 STORM PIPE, TRENCHED, RCP 15", CLASS III	LF	181	\$160.00	\$28,960.00
0025		4020 STORM PIPE, TRENCHED, RCP 54", CLASS IV	LF	63	\$475.00	\$29,925.00
0026		4020 STORM PIPE, TRENCHED, RCP 60", CLASS IV	LF	82	\$500.00	\$41,000.00
0027		4020 STORM PIPE, TRENCHED, RCP 72", CLASS IV	LF	217	\$600.00	\$130,200.00
0028		4020 STORM PIPE, TRENCHED, RCP 84", CLASS IV	LF	100	\$800.00	\$80,000.00
0029		4030 STORM PIPE APRON, RCP 15"	EA	1	\$2,800.00	\$2,800.00
0030		4030 STORM PIPE APRON, RCP 54"	EA	1	\$6,000.00	\$6,000.00
0031		4030 STORM PIPE APRON, RCP 84"	EA	1	\$8,000.00	\$8,000.00
0032		4040-A SUBDRAIN, PERFORATED, 6"	LF	20	\$40.00	\$800.00
0033		5010 8" WATERMAIN ALTERATION	EA	1	\$6,000.00	\$6,000.00
0034		6010 STORM MANHOLE, SW-403, 6' x 9'	EA	1	\$24,000.00	\$24,000.00
0035		6010 STORM MANHOLE SW-404, 10' x 10'	EA	1	\$36,000.00	\$36,000.00
0036		6010 STORM MANHOLE SW-404, 12' x 10'	EA	1	\$39,000.00	\$39,000.00
0037		6010 STORM MANHOLE SW-404, 12' x 12', MODIFIED	EA	1	\$39,000.00	\$39,000.00
0038		6010 STORM MANHOLE, SW-405	EA	1	\$9,500.00	\$9,500.00
0039		6010 SW 505 INTAKE, CAST IN PLACE	EA	1	\$12,000.00	\$12,000.00
0040		6010 SW 506 INTAKE, CAST IN PLACE	EA	1	\$14,000.00	\$14,000.00
0041		6010 SW-512 INTAKE, 24" CIRCULAR, TYPE IV	EA	1	\$3,200.00	\$3,200.00
0042		6010 CONNECTION TO EXISTING INTAKE	EA	1	\$2,500.00	\$2,500.00
0043		7010-A PAVEMENT, PCC, 8"	SY	188	\$125.00	\$23,500.00
0044		7010-A PAVEMENT, PCC, 9"	SY	429	\$135.00	\$57,915.00
0045	*	7030-A REMOVAL OF SIDEWALK	SY	131	\$15.00	\$1,965.00
0046		7030-E SIDEWALK, PCC, 4"	SY	119	\$70.00	\$8,330.00

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NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0047	7030-E	SIDEWALK, PCC, 6"	SY	12	\$90.00	\$1,080.00
0048	7030-G	DETECTABLE WARNING	SF	20	\$54.00	\$1,080.00
0049	7030-H-1	DRIVEWAY, PCC, 7"	SY	554	\$95.00	\$52,630.00
0050 *	7040-H	REMOVAL OF STREET PAVEMENT	SY	617	\$28.00	\$17,276.00
0051 *	8020-C	DURABLE PAVEMENT MARKINGS EPOXY	STA	7.38	\$350.00	\$2,583.00
0052 *	8020-G	PAINTED SYMBOLS AND LEGENDS, DURABLE	EA	4	\$300.00	\$1,200.00
0053 *	8020-X	REMOVE AND REINSTALL SIGN, AS PER PLAN	EA	3	\$325.00	\$975.00
0054 *	8030-A	TEMPORARY TRAFFIC CONTROL	LS	1	\$45,000.00	\$45,000.00
0055 *	9020-A	SOD	AC	0.05	\$30,000.00	\$1,500.00
0056 *	9020	SEEDING, FERTILIZING, WATERING, AND MULCHING (TYPE 1)	AC	2	\$2,500.00	\$5,000.00
0057 *	9020	SEEDING AND MULCHING (TYPE 4)	AC	18	\$1,200.00	\$21,600.00
0058 *	9020	SEEDING (MESIC MIX)	AC	4.88	\$1,200.00	\$5,856.00
0059 *	9020	SEEDING (WETLAND MIX)	AC	2.25	\$1,200.00	\$2,700.00
0060 *	9040	RIP-RAP, CLASS D WITH SAND CEMENT GROUT	TONS	185	\$175.00	\$32,375.00
0061 *	9040	STORMWATER POLLUTION PREVENTION	LS	1	\$80,000.00	\$80,000.00
0062 *	9040	FILTER SOCK, 9" INSTALLATION AND REMOVAL	LF	2300	\$4.15	\$9,545.00
0063 *	9040	INLET PROTECTION DEVICE	EA	12	\$245.00	\$2,940.00
0064 *	9040	STABILIZED CONSTRUCTION ENTRANCE	LS	1	\$8,000.00	\$8,000.00
0065 *	9040	EROSION CONTROL MULCHING	AC	2	\$800.00	\$1,600.00
0066 *	9040	TEMORPARY ROLLED EROSION CONTROL PRODUCT, TYPE 2C	SY	29330	\$11.00	\$322,630.00
0067 *	9060-F	TREE PROTECTION FENCING	LF	400	\$6.50	\$2,600.00
0068 *	9060-F	TREE TRUNK PROTECTION	EA	50	\$350.00	\$17,500.00
0069 *	10010	STORMWATER PUMP STATION DEMOLITION	LS	1	\$150,000.00	\$150,000.00
0070 *	11010	CONSTRUCTION SURVEY	LS	1	\$30,000.00	\$30,000.00
0071 *	11020-A	MOBILIZATION	LS	1	\$500,012.00	\$500,012.00
0072 *	11060-A	CONCRETE WASHOUT	LS	1	\$3,000.00	\$3,000.00

Prepared By: Matt Radermacher

Checked By: _____

TOTAL CONSTRUCTION COST \$13,000,000.00

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

* Estimate Total= \$4,789,605.00