



Date January 13, 2025

**ORDERING CONSTRUCTION OF
HAMILTON DRAIN STORM WATER IMPROVEMENTS PHASE 4
AND FIXING A DATE FOR RECEIVING OF BIDS ON JANUARY 28, 2025
AND PUBLIC HEARING ON FEBRUARY 24, 2025
ENGINEER'S ESTIMATE IS \$2,225,000**

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:

Hamilton Drain Storm Water Improvements Phase 4, Activity ID 082024001

The improvement includes the construction of 15-inch to 48-inch diameter trenched and trenchless storm sewer, manholes, intakes, subdrain, sanitary sewer, Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) paving, removals, PCC sidewalk, PCC driveways, earthwork, water main adjustments, traffic control, fencing, site furnishings, erosion control, and surface restoration, all in accordance with the contract documents including Plan File No. 672-001/108 for the construction of storm sewer trunk from the newly constructed storm water detention basin located at 3610 E. 12th Street to the intersection of E. Ovid Avenue and E. 13th Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$2,225,000. 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 24, 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 January 28, 2025, 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 28, 2025, 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.



Date January 13, 2025

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. 25-019)

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 94, Hamilton Drainage Area Improvements, SM133, Being: \$2,118,880 in Storm Water Utility funds and the remaining \$106,120 from Des Moines Water Works

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

7E

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 08-2024-001

DATE: 12/09/2024

PROJECT: HAMILTON DRAIN STORM WATER IMPROVEMENTS PHASE 4

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0001 *	2010-A	CLEARING AND GRUBBING	UNITS	359	\$40.00	\$14,360.00
0002	2010-D-1	TOPSOIL, ON-SITE	CY	422	\$30.00	\$12,660.00
0003	2010-G	SUBGRADE PREPARATION	SY	1046.1	\$5.00	\$5,230.50
0004	2010-I	SUBGRADE TREATMENT, MIRAFI HP570 GEOTEXTILE	SY	1447	\$10.00	\$14,470.00
0005	2010-J	SUBBASE, MODIFIED SUBBASE, 8 IN.	SY	1516.5	\$20.00	\$30,330.00
0006 *	2010-J	CLASS A ROADSTONE, INSTALL AND REMOVE	TON	500	\$50.00	\$25,000.00
0007 *	2010-K-2-A	REMOVAL OF KNOWN BOX CULVERT, WOOD	LF	925	\$42.00	\$38,850.00
0008 *	2010-K-2-A	REMOVAL OF KNOWN BOX CULVERT, CONCRETE	LF	100	\$100.00	\$10,000.00
0009	ESTIMATE REF.	BEDDING ROCK BACKFILL	TON	304	\$40.00	\$12,160.00
0010	4010-A-1	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, 8 IN.	LF	207	\$110.00	\$22,770.00
0011	ESTIMATE REF.	PIPE BURSTING	LF	280	\$100.00	\$28,000.00
0012	4010-E	SANITARY SEWER SERVICE STUB, PVC, 4 IN.	LF	80	\$100.00	\$8,000.00
0013	ESTIMATE REF.	SANITARY SEWER SERVICE ADJUSTMENT, PVC, 4 IN.	LF	70	\$150.00	\$10,500.00
0014	4020-A-1	STORM SEWER, TRENCHED, 15 IN.	LF	24	\$90.00	\$2,160.00
0015	4020-A-1	STORM SEWER, TRENCHED, 18 IN.	LF	16	\$120.00	\$1,920.00
0016	4020-A-1	STORM SEWER, TRENCHED, 42 IN.	LF	321	\$185.00	\$59,385.00
0017	4020-A-1	STORM SEWER, TRENCHED, 48 IN.	LF	838	\$300.00	\$251,400.00
0018	4020-A-1	STORM SEWER, PREMANUFACTURED BEND, 48 IN.	EA	2	\$6,500.00	\$13,000.00
0019	4020-A-2	STORM SEWER, TRENCHLESS, 48 IN.	LF	214	\$1,700.00	\$363,800.00
0020	ESTIMATE REF.	STORM SEWER COLLAR	EA	3	\$4,500.00	\$13,500.00
0021 *	4020-D	REMOVAL OF STORM SEWER LESS THAN 36 IN. DIA	LF	1102.4	\$35.00	\$38,584.00
0022	4020-G	STORM SEWER ABANDONMENT, FILL AND PLUG, 15 IN.	LF	203.7	\$125.00	\$25,462.50
0023	4020-G	STORM SEWER ABANDONMENT, FILL AND PLUG, 24 IN. X 30 IN.	LF	101.3	\$150.00	\$15,195.00
0024	4020-G	STORM SEWER ABANDONMENT, FILL AND PLUG, 30 IN. X 30 IN.	LF	476	\$175.00	\$83,300.00
0025	4030-B	PIPE APRON, PCC, 48 IN.	EA	1	\$5,500.00	\$5,500.00
0026	4030-C	FOOTING FOR CONCRETE PIPE APRON, 48 IN.	EA	1	\$3,500.00	\$3,500.00
0027	4030-D	PIPE APRON GUARD, ROUND, 48 IN.	EA	1	\$2,100.00	\$2,100.00
0028	4040-A	SUBDRAIN, PVC, 8 IN.	LF	10	\$40.00	\$400.00
0029	4040-C-1	SUBDRAIN CLEANOUT, TYPE B, 18 IN.	EA	1	\$1,000.00	\$1,000.00
0030	4050-A-1	PRE-REHABILITATION CLEANING AND INSPECTION, 48 IN.	LF	77	\$10.00	\$770.00
0031	4050-A-1	PRE-REHABILITATION CLEANING AND INSPECTION, 59 IN. X 36 IN.	LF	64	\$15.00	\$960.00
0032 *	ESTIMATE REF.	REMOVAL OF PIPE APRON	EA	1	\$750.00	\$750.00
0033	SUPP. SPEC.	NEW WATER SERVICE	EA	10	\$4,000.00	\$40,000.00
0034	SUPP. SPEC.	ADJUST STOP BOX TO NEW GRADE	EA	10	\$350.00	\$3,500.00
0035	6010-A	MANHOLE, SW-301, 48 IN.	EA	2	\$6,500.00	\$13,000.00
0036	6010-A	MANHOLE, SW-402, 6 FT. X 6 FT.	EA	5	\$10,500.00	\$52,500.00
0037	6010-A	MANHOLE, SW-402M, 4 FT. X 6 FT.	EA	2	\$15,000.00	\$30,000.00
0038	6010-A	MANHOLE, SW-402M, 6 FT. X 6 FT.	EA	1	\$12,000.00	\$12,000.00
0039	6010-B	INTAKE, SW-508	EA	1	\$9,000.00	\$9,000.00
0040	6010-B	INTAKE, SW-508M	EA	1	\$15,000.00	\$15,000.00
0041	6010-B	INTAKE, SW-509	EA	2	\$11,500.00	\$23,000.00
0042	6010-E	MANHOLE ADJUSTMENT, MINOR	EA	3	\$1,800.00	\$5,400.00

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0043	ESTIMATE REF.	PCC DIAMOND BOXOUT	EA	3	\$2,100.00	\$6,300.00
0044 *	6010-H	REMOVE MANHOLE	EA	4	\$1,500.00	\$6,000.00
0045 *	6010-H	REMOVE INTAKE	EA	3	\$1,500.00	\$4,500.00
0046	7010-A	PAVEMENT, PCC, 3 IN.	SY	499.3	\$55.00	\$27,461.50
0047	7010-A	PAVEMENT, PCC, 7 IN.	SY	481.5	\$70.00	\$33,705.00
0048	7010-A	PAVEMENT, PCC, 9 IN.	SY	292.3	\$95.00	\$27,768.50
0049	7010-A	PAVEMENT, PCC, 10 IN.	SY	499.3	\$105.00	\$52,426.50
0050	7010-E	CURB AND GUTTER, 2.0 FT, 7 IN.	LF	509.3	\$55.00	\$28,011.50
0051	7020-A	HMA STANDARD TRAFFIC (ST), SURFACE, 1/2 IN., PG 58-28H	TON	176.61	\$125.00	\$22,076.25
0052	7020-A	HMA STANDARD TRAFFIC (ST) BASE, 3/4 IN., PG 58-28S	TON	349.39	\$110.00	\$38,432.90
0053 *	7030-A-1	REMOVAL OF SIDEWALK	SY	452.7	\$21.00	\$9,506.70
0054 *	7030-A-3	REMOVAL OF DRIVEWAY	SY	500.4	\$21.00	\$10,508.40
0055	7030-E	SIDEWALK, PCC, 4 IN.	SY	578.6	\$70.00	\$40,502.00
0056	7030-E	SIDEWALK, PCC, 6 IN.	SY	62	\$95.00	\$5,890.00
0057	7030-G	DETECTABLE WARNINGS	SF	100	\$55.00	\$5,500.00
0058	7030-H-1	DRIVEWAY, PAVED, PCC, 6 IN.	SY	470.1	\$80.00	\$37,608.00
0059 *	7040-H	PAVEMENT REMOVAL	SY	2624.4	\$17.00	\$44,614.80
0060 *	8020-B	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	31.7	\$85.00	\$2,694.50
0061 *	8020-C	PAINTED PAVEMENT MARKINGS, DURABLE	STA	22.3	\$350.00	\$7,805.00
0062 *	8020-K	PAVEMENT MARKINGS REMOVED	STA	54	\$75.00	\$4,050.00
0063 *	8030-A	TEMPORARY TRAFFIC CONTROL	LS	1	\$25,000.00	\$25,000.00
0064 *	8040-D	PERFORATED SQUARE STEEL TUBE POSTS	LF	45	\$35.00	\$1,575.00
0065 *	8040-I	REMOVE AND REINSTALL TRAFFIC SIGNS	EA	6	\$400.00	\$2,400.00
0066 *	9020-A	SOD	SQ	171	\$110.00	\$18,810.00
0067 *	SPECIAL PROV.	STORM WATER POLLUTION PREVENTION	LS	1	\$15,000.00	\$15,000.00
0068 *	9040-D-1	FILTER SOCK, 12 IN.	LF	970	\$3.00	\$2,910.00
0069 *	9040-D-2	FILTER SOCK, REMOVAL	LF	970	\$1.00	\$970.00
0070 *	9040-E-0	TEMPORARY RECP, TYPE 1A	SY	13	\$3.00	\$39.00
0071 *	9040-E-0	TEMPORARY RECP, TYPE 2C	SY	128	\$3.00	\$384.00
0072 *	9040-Q-2	EROSION CONTROL MULCHING, HYDROMULCHING	AC	1	\$4,500.00	\$4,500.00
0073	ESTIMATE REF.	FLEXAMAT	SF	109	\$7.50	\$817.50
0074 *	9040-T-1	INLET PROTECTION DEVICE	EA	11	\$250.00	\$2,750.00
0075 *	9040-T-2	INLET PROTECTION DEVICE MAINTENANCE	EA	11	\$10.00	\$110.00
0076	ESTIMATE REF.	FENCE, WOOD SPLIT RAIL	LF	10	\$55.00	\$550.00
0077 *	9060-E	REMOVAL OF FENCE	LF	10	\$10.00	\$100.00
0078	9070-A	MODULAR BLOCK RETAINING WALL	SF	121	\$50.00	\$6,050.00
0079 *	11,020-A	MOBILIZATION	LS	1	\$251,735.95	\$251,735.95
0080 *	11,030-A	MAINTENANCE OF POSTAL SERVICE	LS	1	\$5,000.00	\$5,000.00
0081 *	11,030-B	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1	\$5,000.00	\$5,000.00
0082 *	11,050-A	CONCRETE WASHOUT	LS	1	\$2,500.00	\$2,500.00
0083 *	SPECIAL PROV.	PRECONSTRUCTION CRACK AND DAMAGE SURVEY	LS	1	\$15,000.00	\$15,000.00
0084 *	ESTIMATE REF.	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	DAY	28	\$175.00	\$4,900.00
0085 *	ESTIMATE REF.	POTHOLING OF SANITARY SEWER LINES	EA	7	\$1,000.00	\$7,000.00
0086 *	ESTIMATE REF.	SAWCUTTING DUST AND SLURRY MANAGEMENT	LS	1	\$5,000.00	\$5,000.00
0087	ESTIMATE REF.	REMOVE AND REINSTALL LIGHT POLE	EA	1	\$7,000.00	\$7,000.00

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NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
		DIVISION 2: DES MOINES WATER WORKS				
0200	SPECIAL PROV.	6 IN. CL 52 DIP, RESTRAINED JOINT, TRENCHED	LF	170	\$240.00	\$40,800.00
0201	SPECIAL PROV.	8 IN. CL 52 DIP, RESTRAINED JOINT, TRENCHED	LF	12	\$260.00	\$3,120.00
0202	SPECIAL PROV.	FITTINGS BY WEIGHT, DUCTILE IRON	LBS	417	\$26.00	\$10,842.00
0203	SPECIAL PROV.	MAGNESIUM ANODE, 32-LB	EA	3	\$1,050.00	\$3,150.00
0204 *	SPECIAL PROV.	REMOVAL OF EXISTING WATER MAIN	LF	168	\$6.00	\$1,008.00
0205	SPECIAL PROV.	FOUNDATION ROCK	TON	35	\$60.00	\$2,100.00
0206	SPECIAL PROV.	1 IN. WATER SERVICE TRANSFER	EA	10	\$4,000.00	\$40,000.00
0207	SPECIAL PROV.	PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE	EA	1	\$1,000.00	\$1,000.00
0208	SPECIAL PROV.	DMWW TAP FEE FOR WATER SERVICE TRANSFER	EA	10	\$410.00	\$4,100.00

Prepared By: C.Kuhl

TOTAL CONSTRUCTION COST \$2,225,000.00

Checked By: _____

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

* Estimate Total= \$588,915.35