



DATE October 5, 2020

ORDERING CONSTRUCTION OF
HAMILTON DRAIN STORM WATER IMPROVEMENTS PHASE 1
AND FIXING A DATE FOR RECEIVING OF BIDS ON OCTOBER 20, 2020
AND PUBLIC HEARING ON NOVEMBER 23, 2020
ENGINEER'S ESTIMATE IS \$2,500,000.00

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 1, 082019012

The improvement includes construction of an underground storm water detention basin and an above ground detention basin, storm sewer, and parking lot reconstruction including: Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) paving, removals, earthwork, water main adjustments, storm sewers, intakes, traffic control, fencing, site furnishings, plantings, erosion control, and surface restoration; all in accordance with the contract documents, including Plan File Nos. 620-057/115, near the intersections of Amherst Street/E. Shawnee Avenue and E. Oak Park Avenue/E. 12th Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$2,500,000.00. 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 MSC Board Room, 2nd Floor, Municipal Service Center, 1551 E. Martin Luther King Jr. Parkway, Des Moines, Iowa, at 5:00 p.m. on November 23, 2020, 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 October 20, 2020, 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 October 20, 2020, 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

5D

DATE October 5, 2020

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 20-435 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

sl Kathleen Vanderpool

Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Des Moines Finance Director

SLN

Funding Source: 2020-2021 CIP, Page Storm – 10, Hamilton Drainage Area Improvements, SM133, Being: \$2,378,790 in Storm Water Utility funds, and the remaining \$121,210 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

5D

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 08-2019-012
0
DATE: 9/7/2020

PROJECT: HAMILTON DRAIN STORM WATER IMPROVEMENTS PHASE 1

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0001 *	2010-108-B-0	CLEARING AND GRUBBING	AC	0.13	\$10,000.00	\$1,300.00
0002	2010-108-D-1	TOPSOIL, ON-SITE	CY	887	\$15.00	\$13,305.00
0003	2010-108-E-0	EXCAVATION, CLASS 10, WASTE	CY	2100	\$15.00	\$31,500.00
0004	2010-108-G-0	SUBGRADE PREPARATION	SY	3000	\$3.00	\$9,000.00
0005	2010-108-I-0	SUBBASE, MODIFIED	CY	1000	\$40.00	\$40,000.00
0006 *	2010-108-J-2-A	REMOVAL OF KNOWN BOX CULVERT	LF	75	\$100.00	\$7,500.00
0007	4010-108-F-0	SANITARY SEWER SERVICE RELOCATION	EA	1	\$2,500.00	\$2,500.00
0008	4020-108-A-1	STORM SEWER, TRENCHED 15 IN	LF	176	\$75.00	\$13,200.00
0009	4020-108-A-1	STORM SEWER, TRENCHED 18 IN	LF	253	\$80.00	\$20,240.00
0010	4020-108-A-1	STORM SEWER, TRENCHED 24 IN	LF	424	\$85.00	\$36,040.00
0011	4020-108-A-1	STORM SEWER, TRENCHED 48 IN	LF	80	\$220.00	\$17,600.00
0012	4020-108-A-1	STORM SEWER, TRENCHED ARCHED PIPE 59"X36"	LF	67	\$250.00	\$16,750.00
0013 *	4020-108-D-0	REMOVAL OF STORM SEWER	LF	200	\$25.00	\$5,000.00
0014	4030-108-B-0	PIPE APRON, DR-202 59"X36"	EA	1	\$3,500.00	\$3,500.00
0015	6010-108-A-0	MANHOLE, SW-402 (5X6)	EA	1	\$5,500.00	\$5,500.00
0016	6010-108-A-0	MANHOLE, SW-401 (48")	EA	7	\$6,500.00	\$45,500.00
0017	6010-108-A-0	MANHOLE, SW-401 (84")	EA	1	\$12,000.00	\$12,000.00
0018	6010-108-A-0	MANHOLE, NYLOPLAST BASIN (30")	EA	4	\$3,000.00	\$12,000.00
0019	6010-108-A-0	MANHOLE, HYDRODYNAMIC SEPARATOR	EA	1	\$20,000.00	\$20,000.00
0020	6010-108-B-0	INTAKE, SW-501	EA	11	\$7,500.00	\$82,500.00
0021	6010-108-B-0	INTAKE, SW-503	EA	1	\$7,500.00	\$7,500.00
0022	6010-108-B-0	INTAKE, SW-505	EA	3	\$8,000.00	\$24,000.00
0023	6010-108-F-0	MANHOLE ADJUSTMENT, MAJOR	EA	2	\$3,500.00	\$7,000.00
0024 *	6010-108-H-0	REMOVE INTAKE	EA	6	\$2,500.00	\$15,000.00
0025	6010-108-G-0	CONNECTION TO EXISTING MANHOLE AND INTAKE	EA	4	\$2,500.00	\$10,000.00
0026	7010-108-A-0	PAVEMENT PCC, 6 IN	SY	3300	\$65.00	\$214,500.00
0027	7010-108-A-1	PAVEMENT PCC, 7 IN	SY	800	\$70.00	\$56,000.00
0028	7010-108-E-0	CURB AND GUTTER 2.5 FT	LF	775	\$50.00	\$38,750.00
0029	7021-108-A-0	HMA LIGHT TRAFFIC (LT), SURFACE COURSE, 1/2 IN. MIX, PG58-28H	TON	1062	\$110.00	\$116,820.00
0030 *	7030-108-A-0	REMOVAL OF SIDEWALK OR DRIVEWAY	SY	445	\$15.00	\$6,675.00
0031	7030-108-E-0	SIDEWALK, PCC 4 IN	SY	1260	\$60.00	\$75,600.00
0032	7030-108-E-0	SIDEWALK, PCC 6 IN	SY	135	\$65.00	\$8,775.00
0033	7030-108-G-0	DETECTABLE WARNINGS	SF	176	\$50.00	\$8,800.00
0034	7030-108-H-1	DRIVEWAY, PAVED 6 IN	SY	395	\$65.00	\$25,675.00
0035	7040-108-A-0	FULL DEPTH PATCHES, 9" PCC	SY	132	\$140.00	\$18,480.00
0036 *	7040-108-G-0	MILLING	SY	4800	\$5.00	\$24,000.00
0037 *	7040-108-H-0	PAVEMENT REMOVAL	SY	4225	\$15.00	\$63,375.00
0038	7040-108-I-0	CURB AND GUTTER REMOVAL	LF	775	\$20.00	\$15,500.00
0039 *	8020-108-B-0	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	25	\$165.00	\$4,125.00
0040 *	8020-108-G-0	PAINTED SYMBOLS AND LEGENDS	EA	10	\$200.00	\$2,000.00
0041 *	8020-108-I-0	ADA PARKING STALL SIGN	EA	4	\$350.00	\$1,400.00
0042 *	8030-108-A-0	TEMPORARY TRAFFIC CONTROL	LS	1	\$30,000.00	\$30,000.00
0043 *	9010-108-B-0	HYDRAULIC SEEDING, LAWN MIX	AC	1	\$5,000.00	\$5,000.00
0044 *	9010-108-B-0	SEEDING, SLOPE MIX	AC	0.2	\$10,000.00	\$2,000.00
0045 *	9010-108-B-0	SEEDING, SEMI WET BASIN MIX	AC	0.15	\$10,000.00	\$1,500.00
0046		RAIN GARDENS	LS	1	\$20,000.00	\$20,000.00

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0047	9030-108-D-0	PLANTS WITH WARRANTY	LS	1	\$35,000.00	\$35,000.00
0048 *	SPECIAL PROVISION	STORM WATER POLLUTION PREVENTION	LS	1	\$3,500.00	\$3,500.00
0049 *	9040-108-D-1	FILTER SOCK, 12 IN.	LF	2000	\$3.00	\$6,000.00
0051 *	9040-108-T-1	INLET PROTECTION DEVICE	EA	24	\$300.00	\$7,200.00
0052	9060-108-A-0	VINYL PRIVACY FENCE, 72" WHITE	LF	750	\$30.00	\$22,500.00
0053	9060-108-A-0	ORNAMENTAL FENCE, 36"	LF	425	\$40.00	\$17,000.00
0054 *	9060-108-E-0	REMOVE FENCE	LF	350	\$5.00	\$1,750.00
0055		UNDERGROUND DETENTION	LS	1	\$750,000.00	\$750,000.00
0056 *	10010-108-A	REMOVAL OF GARAGE	LS	1	\$15,000.00	\$15,000.00
0057		DUMPSTER ENCLOSURE	LS	1	\$40,000.00	\$40,000.00
0058 *	11020-108-A	MOBILIZATION	LS	1	\$243,430.00	\$243,430.00
0059 *		CONSTRUCTION SURVEY	LS	1	\$25,000.00	\$25,000.00
		DIVISION 2: DES MOINES WATER WORKS				
0060	SPECIAL PROVISION	8" CL 52 DIP, RESTRAINED JOINT, OPEN CUT	EA	196	\$180.00	\$35,280.00
0061	SPECIAL PROVISION	8" SOLID SLEEVES	LS	14	\$750.00	\$10,500.00
0062	SPECIAL PROVISION	8" BENDS	EA	20	\$1,800.00	\$36,000.00
0063	SPECIAL PROVISION	8" VALVE	EA	1	\$2,400.00	\$2,400.00
0064	SPECIAL PROVISION	MAGNESIUM ANODE, 32 LB.	EA	7	\$1,000.00	\$7,000.00
0065	SPECIAL PROVISION	REMOVAL OF EX 6" HYD ASSEMBLY AT STA 106+25	EA	1	\$5,000.00	\$5,000.00
0066	SPECIAL PROVISION	INSTALL 6" HYDT ASSEMBLY AT STA 106+13	EA	1	\$10,000.00	\$10,000.00
0067	SPECIAL PROVISION	REMOVAL OF EX 6" HYD ASSEMBLY AT STA 206+45	EA	1	\$5,000.00	\$5,000.00
0068	SPECIAL PROVISION	INSTALL 6" HYDT ASSEMBLY AT STA 206+15	EA	1	\$10,000.00	\$10,000.00
0069	SPECIAL PROVISION	FOUNDATION ROCK	TON	0.5	\$60.00	\$30.00

Prepared By: Scott Almeida

Checked By: _____

TOTAL CONSTRUCTION COST

\$2,485,000.00

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

* Estimate Total= \$470,755.00