



6B

DATE September 13, 2021

ORDERING CONSTRUCTION OF
HAMILTON DRAIN STORM WATER IMPROVEMENTS PHASE 2
AND FIXING A DATE FOR RECEIVING OF BIDS ON OCTOBER 5, 2021
AND PUBLIC HEARING ON OCTOBER 18, 2021
ENGINEER'S ESTIMATE IS \$6,840,000.00

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 2, 082021002

The improvement includes the construction of 15-inch to 84-inch storm sewer, manholes, intakes, subdrain, sanitary sewer, Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) paving, removals, 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. 631-001/218, for the construction of storm water detention basins located at 121 NE 43rd Avenue, 3940 Amherst Street, and 4028 E 14th Street. The project also includes construction of trunk storm sewer from the intersection of E Aurora Avenue and Cornell Street to the cul-de-sac in the 3900 block of Amherst Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$6,840,000.00. 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 City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 5:00 p.m. on October 18, 2021, 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 5, 2021, 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 5, 2021, 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

6B

DATE September 13, 2021

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 21-378 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

s/Kathleen Vanderpool

s/Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

Funding Source: 2021-2022 CIP, Page 102, Hamilton Drainage Area Improvements, SM133, Being: \$6,485,575 in Storm Water Utility funds, and the remaining \$354,425 from Des Moines Water Works

SLN
pw

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

6B

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 08-2021-002

DATE: 8/20/2021

PROJECT: HAMILTON DRAIN STORM WATER IMPROVEMENTS PHASE 2

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0001 *	2010-A	CLEARING AND GRUBBING	UNITS	3070	\$40.00	\$122,800.00
0002 *	2010-B	CLEARING AND GRUBBING	AC	0.17	\$20,000.00	\$3,400.00
0003 *	2010-D-1	TOPSOIL, ON-SITE	CY	6223	\$12.00	\$74,676.00
0004 *	2010-D-3	TOPSOIL, OFF-SITE	CY	898	\$13.00	\$11,674.00
0005	2010-E	CLASS 10 EXCAVATION, WASTE	CY	51500	\$12.00	\$618,000.00
0006	2010-E	CLASS 10 EXCAVATION, IMPORT	CY	5000	\$18.00	\$90,000.00
0007 *	2010-H	SUBGRADE TREATMENT, GEOGRID, TYPE 2	SY	5111	\$4.00	\$20,444.00
0008	2010-I	SUBBASE, MODIFIED SUBBASE, 6"	SY	5111	\$18.00	\$91,998.00
0009	2010-I	SUBBASE, MODIFIED SUBBASE, 8"	SY	1440	\$20.00	\$28,800.00
0010	2010-I	SUBBASE, MACADAM STONE, 12"	SY	5111	\$22.00	\$112,442.00
0011 *	2010-I	CLASS A ROADSTONE, INSTALL & REMOVE	TON	500	\$50.00	\$25,000.00
0012 *	2010-J-2-A	REMOVAL OF KNOWN BOX CULVERT, WOOD	LF	1098	\$35.00	\$38,430.00
0013 *	2010-J-2-A	REMOVAL OF KNOWN BOX CULVERT, WOOD, ROOF ONLY	LF	226	\$25.00	\$5,650.00
0014	3010-D	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	CY	4576	\$25.00	\$114,400.00
0015	4010-A-1	SANITARY SEWER GRAVITY MAIN, TRENCHED, DIP, 10"	LF	61	\$150.00	\$9,150.00
0016	4010-A-1	SANITARY SEWER GRAVITY MAIN, TRENCHED, DIP, 30"	LF	109	\$250.00	\$27,250.00
0017	4010-E	SANITARY SEWER SERVICE STUB	LF	200	\$75.00	\$15,000.00
0018	4010-F	SANITARY SEWER SERVICE RELOCATION	EA	5	\$2,500.00	\$12,500.00
0019 *	4010-H	REMOVAL OF SANITARY SEWER, 10" VCP	LF	61	\$25.00	\$1,525.00
0020 *	4010-H	REMOVAL OF SANITARY SEWER, 30". BRICK	LF	109	\$25.00	\$2,725.00
0021	4020-A-1	STORM SEWER, TRENCHED, 15"	LF	70	\$80.00	\$5,600.00
0022	4020-A-1	STORM SEWER, TRENCHED, 18"	LF	572	\$90.00	\$51,480.00
0023	4020-A-1	STORM SEWER, TRENCHED, 24"	LF	292	\$110.00	\$32,120.00
0024	4020-A-1	STORM SEWER, TRENCHED, 30"	LF	20	\$125.00	\$2,500.00
0025	4020-A-1	STORM SEWER, TRENCHED, 48"	LF	78	\$250.00	\$19,500.00
0026	4020-A-1	STORM SEWER, TRENCHED, 60"	LF	17	\$350.00	\$5,950.00
0027	4020-A-1	STORM SEWER, TRENCHED, 84"	LF	2644	\$700.00	\$1,850,800.00
0028	4020-A-1	STORM SEWER, TRENCHED, 18" DIP	LF	155	\$200.00	\$31,000.00
0029	4020-A-1	STORM SEWER, PREMANUFACTURED BEND, 60"	EA	4	\$6,500.00	\$26,000.00
0030	4020-A-1	STORM SEWER, PREMANUFACTURED BEND, 84"	EA	27	\$7,500.00	\$202,500.00
0031	4020-A-2	STORM SEWER, TRENCHLESS, 48"	LF	147	\$600.00	\$88,200.00
0032	ESTIMATE REF.	STORM SEWER COLLAR	EA	3	\$4,500.00	\$13,500.00
0033 *	4020-D	REMOVAL OF STORM SEWER < 30" DIA	LF	429	\$25.00	\$10,725.00
0034 *	4020-D	REMOVAL OF STORM SEWER > 30" DIA	LF	281	\$26.00	\$7,306.00
0035 *	4020-G	STORM SEWER ABANDONMENT, FILL AND PLUG	CY	977	\$200.00	\$195,400.00
0036	4030-B	PIPE APRON, PCC, 18"	EA	1	\$1,500.00	\$1,500.00
0037	4030-B	PIPE APRON, PCC, 48"	EA	2	\$2,500.00	\$5,000.00
0038	4030-B	PIPE APRON, PCC, 84"	EA	2	\$7,500.00	\$15,000.00
0039	4030-C	FOOTING FOR CONCRETE PIPE APRON, 18"	EA	1	\$1,500.00	\$1,500.00
0040	4030-C	FOOTING FOR CONCRETE PIPE APRON, 48"	EA	2	\$3,500.00	\$7,000.00
0041	4030-C	FOOTING FOR CONCRETE PIPE APRON, 84"	EA	2	\$6,500.00	\$13,000.00
0042 *	ESTIMATE REF.	REMOVAL OF PIPE APRON	EA	1	\$750.00	\$750.00
0043	4040-A	SUBDRAIN, 8"	LF	126	\$20.00	\$2,520.00
0044	4040-D	SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 8"	EA	12	\$500.00	\$6,000.00
0045	SUPP. SPEC.	NEW WATER SERVICE	EA	10	\$2,500.00	\$25,000.00
0046	SUPP. SPEC.	ADJUST STOP BOX TO NEW GRADE	EA	8	\$250.00	\$2,000.00
0047	6010-A	MANHOLE, SW-301M 48"	EA	1	\$7,500.00	\$7,500.00
0048	6010-A	MANHOLE, SW-301M 60"	EA	3	\$8,500.00	\$25,500.00

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0049	6010-A	MANHOLE, SW-301M 72"	EA	2	\$9,500.00	\$19,000.00
0050	6010-A	MANHOLE, SW-303	EA	1	\$7,500.00	\$7,500.00
0051	6010-A	MANHOLE, SW-401, 84"	EA	1	\$15,000.00	\$15,000.00
0052	6010-A	MANHOLE, SW-402, 4'X4'	EA	3	\$8,000.00	\$24,000.00
0053	6010-A	MANHOLE, SW-403M, 8'X10.5'	EA	3	\$15,000.00	\$45,000.00
0054	6010-A	MANHOLE, SW-403M, 9'X10.5'	EA	1	\$16,000.00	\$16,000.00
0055	6010-A	MANHOLE, SW-405, 48" ON 84"	EA	5	\$7,500.00	\$37,500.00
0056	6010-A	MANHOLE, SW-406, (5'X6')	EA	2	\$11,500.00	\$23,000.00
0057	6010-B	INTAKE, SW-505	EA	10	\$9,000.00	\$90,000.00
0058	6010-B	INTAKE, SW-506 MODIFIED	EA	2	\$11,000.00	\$22,000.00
0059	6010-B	INTAKE, SW-511	EA	1	\$5,500.00	\$5,500.00
0060	6010-B	INTAKE, SW-512, 24"	EA	4	\$2,000.00	\$8,000.00
0061	6010-B	DETENTION BASIN OUTLET STRUCTURE NO.1	EA	1	\$45,000.00	\$45,000.00
0062	6010-B	DETENTION BASIN OUTLET STRUCTURE NO.2	EA	1	\$45,000.00	\$45,000.00
0063	6010-E	MANHOLE ADJUSTMENT, MINOR	EA	1	\$750.00	\$750.00
0064	ESTIMATE REF.	PCC BOXOUT	EA	2	\$1,500.00	\$3,000.00
0065 *	6010-H	REMOVE MANHOLE	EA	10	\$1,500.00	\$15,000.00
0066 *	6010-H	REMOVE INTAKE	EA	20	\$1,500.00	\$30,000.00
0067	7010-A	PAVEMENT, PCC, 6"	SY	2863	\$65.00	\$186,095.00
0068	7010-A	PAVEMENT, PCC, 6", REINFORCED	SY	625	\$68.00	\$42,500.00
0069	7010-A	PAVEMENT, PCC, 7"	SY	1323	\$68.00	\$89,964.00
0070	7010-A	PAVEMENT, PCC, 7", REINFORCED	SY	116	\$70.00	\$8,120.00
0071	7010-E	CURB AND GUTTER, 2.5 FT, 6"	LF	785	\$55.00	\$43,175.00
0072	7010-F	MOW STRIP	LF	32	\$50.00	\$1,600.00
0073	7020-A	PAVEMENT, HMA, 6"	SY	1158	\$65.00	\$75,270.00
0074 *	7030-A	REMOVAL OF SIDEWALK	SY	641	\$15.00	\$9,615.00
0075 *	7030-A	REMOVAL OF DRIVEWAY	SY	645	\$15.00	\$9,675.00
0076	7030-E	SIDEWALK, PCC, 5"	SY	560	\$63.00	\$35,280.00
0077	7030-E	SIDEWALK, PCC, 6"	SY	157	\$65.00	\$10,205.00
0078	7030-G	DETECTABLE WARNINGS	SF	200	\$50.00	\$10,000.00
0079	7030-H-1	DRIVEWAY, PAVED, PCC, 6"	SY	826	\$65.00	\$53,690.00
0080	7030-H-2	DRIVEWAY, GRANULAR	TON	100	\$40.00	\$4,000.00
0081 *	7040-H	PAVEMENT REMOVAL	SY	6335	\$15.00	\$95,025.00
0082	7080-B	ENGINEERING FABRIC	SY	520	\$3.00	\$1,560.00
0083	8020-C	PAINTED PAVEMENT MARKINGS, DURABLE	STA	5	\$250.00	\$1,250.00
0084 *	8030-A	TEMPORARY TRAFFIC CONTROL	LS	1	\$25,000.00	\$25,000.00
0085	8030-A	REPLACE STREET SIGNS	EA	8	\$250.00	\$2,000.00
0086	9010-B	HYDRAULIC SEEDING, TYPE A (LAWN)	AC	5	\$5,000.00	\$25,000.00
0087	9010-B	HYDRAULIC SEEDING, TYPE B (SLOPE SEED MIX)	AC	3	\$5,000.00	\$15,000.00
0088	9010-B	HYDRAULIC SEEDING, TYPE C (SEMI WET BASIN MIX)	AC	3	\$5,000.00	\$15,000.00
0089	9010-E	WARRANTY	LS	1	\$5,500.00	\$5,500.00
0090 *	SPECIAL PROV.	STORM WATER POLLUTION PREVENTION	LS	1	\$15,000.00	\$15,000.00
0091	9030-D	PLANTS WITH WARRANTY	LS	1	\$20,000.00	\$20,000.00
0092 *	9040-D-1	FILTER SOCK, 12"	LF	3500	\$3.00	\$10,500.00
0093 *	9040-D-2	FILTER SOCK, REMOVAL	LF	3500	\$1.00	\$3,500.00
0094 *	9040-E-0	TEMPORARY RECP, TYPE 1A	SY	9782	\$3.00	\$29,346.00
0095 *	9040-E-0	TEMPORARY RECP, TYPE 2C	SY	13000	\$3.00	\$39,000.00
0096 *	9040-J-0	RIP RAP, CLASS D	TON	550	\$80.00	\$44,000.00
0097 *	ESTIMATE REF.	REMOVE GABION WALLS	LS	1	\$15,000.00	\$15,000.00
0098	ESTIMATE REF.	GROUT	CY	115	\$360.00	\$41,400.00
0099	ESTIMATE REF.	FLEXAMAT	SF	11204	\$10.00	\$112,040.00
0100 *	9040-N-1	SILT FENCE OR SILT FENCE DITCH CHECK	LF	500	\$2.50	\$1,250.00

