

DATE October 8, 2018

ORDERING CONSTRUCTION OF
FOUR MILE CREEK WETLAND AT E 34TH STREET AND S.E. 14TH STREET BIOSWALES
AND FIXING A DATE FOR RECEIVING OF BIDS ON OCTOBER 23, 2018
AND PUBLIC HEARING ON NOVEMBER 5, 2018
ENGINEER'S ESTIMATE IS \$400,000.00

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:

Four Mile Creek Wetland at E. 34th Street and S.E. 14th Street Bioswales, 08-2018-004
Urban17WQI--008

The improvement includes excavation, modified soil backfill, subdrain, Reinforced Concrete Pipe (RCP), storm sewer control structures, riprap revetment, native grass, conventional seeding, wetland plantings, and other associated and incidental items; all in accordance with contract documents, including Plan File Nos. 598-132/150, located along S.E. 14th Street near McKinley Avenue and 2403 E. 34th Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$400,000.00. 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 November 5, 2018, 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 23, 2018, 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 23, 2018, 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

5C

DATE October 8, 2018

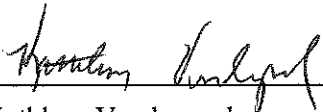
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

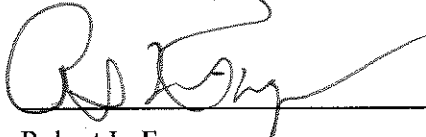
(City Council Communication Number 18-494 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE


 Kathleen Vanderpool
 Deputy City Attorney


 Robert L. Fagen
 Des Moines Finance Director

Funding Source: 2018-2019 CIP, Page Storm – 4, City-wide Storm Water Utility Projects, SM057, Storm Water Utility Funds, Being:
 SLN \$75,000 U.S. Dept. of Agriculture, IaDept.AgLandStewardship Grant funding, (50% of construction costs, \$75,000 maximum); \$146,125 Storm Water Utility Funds; and the remaining \$178,875 Storm Water Utility Funds, transferred from SM061

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
TOTAL				

MOTION CARRIED APPROVED

Mayor

I, Diane Rauh, 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.

City Clerk

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CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 08-2018-004
US DEPT AG PROJ NO.: Urban17WQI--008

9/24/2018

PROJECT: FOUR MILE CREEK WETLAND AT E. 34TH STREET AND S.E. 14TH STREET BIOSWALES

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1 *	CLEARING AND GRUBBING	ACRE	2.10	\$2,500.00	\$5,250.00
2 *	EXCAVATION, CLASS 10	CY	7370.00	\$15.00	\$110,550.00
3 *	ON-SITE TOPSOIL	CY	1685.00	\$10.00	\$16,850.00
4	SANITARY SEWER, GRAVITY MAIN (DIP), TRENCHED, 6"	LF	50.00	\$250.00	\$12,500.00
5	STORM SEWER, TRENCHED, TRENCHED, RCP, 18"	LF	38.00	\$80.00	\$3,040.00
6	PIPE APRON, 6"	EACH	1.00	\$1,500.00	\$1,500.00
7	PIPE APRON, 18"	EACH	2.00	\$3,000.00	\$6,000.00
8	PIPE APRON GUARD, 6"	EACH	1.00	\$750.00	\$750.00
9	PIPE APRON GUARD, 18"	EACH	2.00	\$1,000.00	\$2,000.00
10	SUBDRAIN RISER, 6 IN., AS PER PLAN	EACH	5.00	\$2,000.00	\$10,000.00
11	SUBDRAIN, PVC, STANDARD, NON-PERFERATED, 6 IN.	LF	450.00	\$25.00	\$11,250.00
12	SUBDRAIN, PVC, STANDARD, PERFERATED, 6 IN.	LF	370.00	\$25.00	\$9,250.00
13	SUBDRAIN OUTLET	EACH	5.00	\$250.00	\$1,250.00
14	VALVE, GATE, DIP, 6 IN.	EACH	5.00	\$2,000.00	\$10,000.00
15 *	REMOVAL OF PAVED DRIVEWAY	SY	66.00	\$15.00	\$990.00
16	DRIVEWAY P.C. CONCRETE, 7 IN.	SY	66.00	\$80.00	\$5,280.00
17 *	CONVENTIONAL SEEDING, NATIVE GRASS & FORBS	ACRE	2.00	\$3,000.00	\$6,000.00
18 *	CONVENTIONAL SEEDING, TYPE 1	ACRE	0.20	\$3,000.00	\$600.00
19 *	CONVENTIONAL SEEDING, TYPE 2	ACRE	0.20	\$2,500.00	\$500.00
20 *	CONVENTIONAL SEEDING, WETLAND	ACRE	1.00	\$4,000.00	\$4,000.00
21 *	SWPPP PREPARATION	LS	1.00	\$5,000.00	\$5,000.00
22 *	FILTER SOCKS, INSTALLED	LF	1650.00	\$4.00	\$6,600.00
23 *	FILTER SOCKS, REMOVAL	LF	1000.00	\$0.50	\$500.00
24 *	TEMPORARY ROLLED EROSION CONTROL (RECP), TYPE 2.B	SY	1000.00	\$3.00	\$3,000.00
25 *	TEMPORARY ROLLED EROSION CONTROL (RECP), TYPE 3.B	SY	2880.00	\$5.00	\$14,400.00
26 *	RIPRAP, CLASS A REVETMENT	TON	17.00	\$100.00	\$1,700.00
27 *	RIPRAP, CLASS D REVETMENT	TON	109.00	\$100.00	\$10,900.00
28 *	SILT FENCE DITCH CHECK	LF	170.00	\$4.00	\$680.00
29 *	TURF REIMFORCEMENT MAT (TRM), TYPE 3	SQ	31.00	\$100.00	\$3,100.00
30 *	CONSTRUCTION SURVEY	LS	1.00	\$8,000.00	\$8,000.00
31 *	MOBILIZATION	LS	1.00	\$8,710.00	\$8,710.00
32 *	AGGREGATE SUBBASE, ASTM D-57	CY	66.00	\$65.00	\$4,290.00
33 *	CHOKER AGGREGATED, ASTM NO. 8	CY	17.00	\$80.00	\$1,360.00
34 *	HARDWOOD MULCH	CY	30.00	\$90.00	\$2,700.00
35 *	MODIFIED SOIL	CY	120.00	\$50.00	\$6,000.00
36 *	CONCRETE DRY FILTER BOX	EACH	14.00	\$2,500.00	\$35,000.00
37 *	CURB AND GUTTER REMOVAL	EACH	14.00	\$2,000.00	\$28,000.00
38 *	DITCH/CHANNEL SHAPING	LS	1.00	\$5,000.00	\$5,000.00
39	INLINE WATER LEVEL CONTROL STRUCTURE	LS	1.00	\$7,000.00	\$7,000.00
40	PERFORATEED RISER OUTLET STRUCTURE	LS	1.00	\$5,000.00	\$5,000.00
41	SPECIAL CURB	EACH	10.00	\$750.00	\$7,500.00
42 *	TRAFFIC CONTROL	LS	1.00	\$8,000.00	\$8,000.00
43 *	WETLAND PLANT PLUGS	EACH	2000.00	\$5.00	\$10,000.00
TOTAL CONSTRUCTION COST					\$400,000.00

Prepared By: Bruce Rydberg

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= \$307,680.00