

DATE May 20, 2019

ORDERING CONSTRUCTION OF
YEADER CREEK STREAM STABILIZATION IMPROVEMENTS, PHASE 2
AND FIXING A DATE FOR RECEIVING OF BIDS ON JUNE 4, 2019
AND PUBLIC HEARING ON JULY 15, 2019
ENGINEER'S ESTIMATE IS \$3,111,000.00

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:

Yeader Creek Stream Stabilization Improvements, Phase 2, 08-2018-008

Anticipated Iowa DNR Lake Restoration Funds

The improvement includes clearing & grubbing, excavation, grading of channel banks, storm sewer, placement of rip rap bank protection, fence, Native Seeding and Urban Seeding, and other incidental items; all work in accordance with the contract documents, including Plan File Nos. 607-063/192, located along Yeader Creek in five areas from west of Indianola Avenue to east of SW. 9th Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$3,111,000.00. 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 July 15, 2019, 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 June 4, 2019, 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 June 4, 2019, 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

7C

DATE May 20, 2019

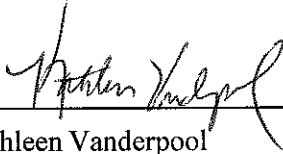
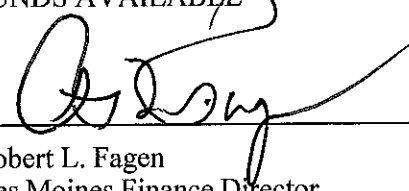
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 19-234 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool
Deputy City Attorney

Robert L. Fagen
Des Moines Finance Director

SLN Funding Source: 2019-2020 CIP, Page Storm – 7, Easter Lake Watershed Improvements, SM061, Being: \$1,150,000 in SRF Sponsored Projects funding through Lower Oak Park and Highland Park Sewer Separation project (SRF# CS1920 781 01); anticipated \$549,450 Iowa DNR Lake Restoration Funds; and the remaining \$1,411,550 in Storm Water Utility Funds.

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

MOTION CARRIED

APPROVED

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.

Mayor

City Clerk

7C

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 08-2018-008

1/22/2019 4/29/2019

PROJECT: YEADER CREEK STREAM STABILIZATION IMPROVEMENTS, PHASE 2

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* TRAFFIC CONTROL	LS	1.00	\$15,000.00	\$15,000.00
2	* CLEARING AND GRUBBING	ACRE	11.00	\$10,000.00	\$110,000.00
3	* TOPSOIL, ON-SITE	CY	8000.00	\$15.00	\$120,000.00
4	* COMPOST FOR TOPSOIL AMENDMENT	CY	500.00	\$75.00	\$37,500.00
5	* EXCAVATION, CLASS 10 REUSE ON SITE	CY	8566.00	\$8.00	\$68,528.00
6	* EXCAVATION, CLASS 10 HAUL OFF SITE	CY	22862.00	\$18.00	\$411,516.00
7	* SELECT CLAY FILL; HAUL, PLACEMENT, & COMPACTION	CY	780.00	\$15.00	\$11,700.00
8	* FLOWABLE MORTAR	CY	60.00	\$180.00	\$10,800.00
9	STORM SEWER, TRENCHED RCP (CL III), 72 IN.	LF	68.00	\$300.00	\$20,400.00
10	STORM SEWER, TRENCHED RCP (CL III), 48 IN.	LF	12.00	\$220.00	\$2,640.00
11	STORM SEWER, TRENCHED RCP (CL III), 42 IN.	LF	8.00	\$185.00	\$1,480.00
12	STORM SEWER, TRENCHED RCP (CL III), 36 IN.	LF	20.00	\$150.00	\$3,000.00
13	* REMOVAL OF STORM SEWER, RCP, 36 IN. & GREATER	LF	36.00	\$55.00	\$1,980.00
14	* STORM SEWER, REMOVE PIPE APRON, 36 IN. & GREATER	EACH	3.00	\$1,000.00	\$3,000.00
15	STORM SEWER, RCP PIPE APRON, TYPE I, 48 IN. & APRON GUARD	EACH	1.00	\$5,800.00	\$5,800.00
16	STORM SEWER, RCP PIPE APRON, TYPE I, 36 IN. & APRON GUARD	EACH	1.00	\$4,250.00	\$4,250.00
17	CONCRETE PIPE APRON FOOTINGS	EACH	2.00	\$1,500.00	\$3,000.00
18	CONCRETE PIPE APRON GUARD, 72 IN.	EACH	1.00	\$2,500.00	\$2,500.00
19	MANHOLE, SW-401; 72 IN.	EACH	1.00	\$6,000.00	\$6,000.00
20	MANHOLE, SW-401, 84 IN.	EACH	1.00	\$8,000.00	\$8,000.00
21	MANHOLE, SW-404, 9.5 FT. X 4 FT.	EACH	1.00	\$25,000.00	\$25,000.00
22	MANHOLE ADJUSTMENT, MINOR	EACH	1.00	\$2,000.00	\$2,000.00
23	CONCRETE OUTLET STRUCTURE	EACH	1.00	\$40,000.00	\$40,000.00
24	CURB & GUTTER, 3 FT, W- 6 IN STANDARD CURB	LF	385.00	\$60.00	\$23,100.00
25	* REMOVAL OF SIDEWALK	SY	60.00	\$25.00	\$1,500.00
26	* REMOVAL OF DRIVEWAY	SY	350.00	\$10.00	\$3,500.00
27	SIDEWALK, PCC, 4 IN.	SY	60.00	\$100.00	\$6,000.00
28	* REMOVE & REPLACE DRIVEWAY, PAVED, PCC 6 IN.	SY	975.00	\$200.00	\$195,000.00
29	DRIVEWAY, GRANULAR, CLASS A CRUSHED STONE	TON	371.00	\$25.00	\$9,275.00
30	* CURB & GUTTER REMOVAL	LF	385.00	\$20.00	\$7,700.00
31	* TEMPORARY MULCHING	ACRE	8.00	\$4,000.00	\$32,000.00
32	* CONVENTIONAL SEEDING & MBFM MULCH (NATIVE)(DRY MESIC)	ACRE	7.20	\$8,000.00	\$57,600.00
33	* CONVENTIONAL SEEDING & MBFM MULCH (NATIVE)(WET MESIC)	ACRE	1.20	\$8,000.00	\$9,600.00
34	* HYDRAULIC SEEDING, FERTILIZING & MBFM MULCH (TURF GRASS)	ACRE	2.10	\$6,000.00	\$12,600.00
35	* WARRANTY, SEEDING, AND PLUGS	LS	1.00	\$25,000.00	\$25,000.00
36	* PLANTS, TREES	EACH	80.00	\$800.00	\$64,000.00
37	* PLANTS, PLOTTED PLUGS, 2 IN. MINIMUM	EACH	7873.00	\$10.00	\$78,730.00
38	* PLANTS, LIVE STAKING 18 - 24 INCH	EACH	4041.00	\$3.00	\$12,123.00
39	* STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	LS	1.00	\$10,000.00	\$10,000.00

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NO.	DESCRIPTION	UNIT	TOTAL	UNIT PRICE	TOTAL
40	* EROSION CONTROL MEASURES, INSTALLATION & REMOVAL	LF	11900.00	\$2.50	\$29,750.00
41	* TEMPORARY RECP, TYPE 3.B	SY	5275.00	\$3.00	\$15,825.00
42	* TEMPORARY RECP, TYPE 2.C	SY	34747.00	\$1.00	\$34,747.00
43	* ROCK CHECK DAM (RIFFLE STRUCTURES), CLASS D RIP RAP	TON	2474.00	\$65.00	\$160,810.00
44	* ROCK CHECK DAM (RIFFLE STRUCTURES), MACADAM STONE	TON	511.00	\$65.00	\$33,215.00
45	* RIP RAP, CLASS B, STILLING BASINS	TON	215.00	\$65.00	\$13,975.00
46	* RIP RAP, CLASS E, STILLING BASINS	TON	68.00	\$65.00	\$4,420.00
47	* RIP RAP, CLASS D, PEAK STONE & TOE ROCK	TON	10349.00	\$65.00	\$672,685.00
48	* RIP RAP, CLASS D, SOIL CHOKED PEAK STONE & TOE ROCK	TON	450.00	\$75.00	\$33,750.00
49	* RIP RAP, CLASS E, BENDWAY WEIRS	TON	448.00	\$65.00	\$29,120.00
50	* RIP RAP, CLASS B, STEP POOL	TON	23.00	\$65.00	\$1,495.00
51	* RIP RAP, CLASS D, STEP POOL	TON	587.00	\$65.00	\$38,155.00
52	* RIP RAP, MACADAM STONE, STEP POOL	TON	48.00	\$65.00	\$3,120.00
53	* RIP RAP, REMOVE, STOCKPILE, REUSE ONSITE	TON	58.00	\$20.00	\$1,160.00
54	* STABILIZED CONSTRUCTION ENTRANCE	EACH	8.00	\$6,500.00	\$52,000.00
55	* INLET PROTECTION DEVICE, DROP-IN SEDIMENT TRAP	EACH	2.00	\$150.00	\$300.00
56	* INLET PROTECTION DEVICE, MAINTENANCE & REMOVAL	EACH	2.00	\$25.00	\$50.00
57	CHAIN LINK FENCE, PVC COATED, 48"	LF	470.00	\$30.00	\$14,100.00
58	REMOVAL & REINSTALLATION OF EXISTING FENCE(WOOD, SIZE VARIES)	LF	295.00	\$50.00	\$14,750.00
59	REMOVAL & REINSTALLATION OF EXISTING FENCE(CHAIN LIN, SIZE VARIES)	LF	315.00	\$25.00	\$7,875.00
60	* REMOVAL OF FENCE	LF	65.00	\$5.00	\$325.00
61	* TEMPORARY FENCE, CHAIN LINL 72"	LF	260.00	\$25.00	\$6,500.00
62	* DEMOLITION WORK	LS	1.00	\$10,000.00	\$10,000.00
63	* CONSTRUCTION SURVEY	LS	1.00	\$20,000.00	\$20,000.00
64	* MOBILIZATION	LS	1.00	\$228,076.00	\$228,076.00
65	* TEMPORARY SIDEWALK, PCC, 4 IN.	SY	7.00	\$25.00	\$175.00
66	* CONCRETE WASH OUT	LS	1.00	\$1,000.00	\$1,000.00
67	* TRASH REMOVAL (REMOVE & HAUL OFF)	TON	200.00	\$375.00	\$75,000.00
68	TYPE A SIGN, SHEET ALUM.	EACH	12.00	\$300.00	\$3,600.00
69	* CREEK SIGN INSTALLATION	EACH	10.00	\$100.00	\$1,000.00
70	SHED & STRUCTURE RELOCATION	EACH	9.00	\$2,000.00	\$18,000.00
71	GRAVITY WALL (SEGMENTAL BLOCK RETAINING)	SF	920.00	\$65.00	\$59,800.00
72	SHEET PILE DRIVEN	SF	885.00	\$40.00	\$35,400.00
73	* VIBRATION MONITORING	LS	1.00	\$5,000.00	\$5,000.00
74	* TREE PROTECTION FENCE	LF	6000.00	\$4.00	\$24,000.00

Prepared By: Bruce Rydberg

Checked By: _____

TOTAL CONSTRUCTION COST \$3,111,000.00

* Estimate Total= \$2,795,030.00

IDNR LAKE RESTORATION FUNDS \$549,450.00
 SRF Funds \$1,150,000.00
 CITY STORM WATER FUNDS \$1,411,550.00