

DATE April 11, 2016

ORDERING CONSTRUCTION OF
RIVERWALK RED MULTI-USE TRAIL BRIDGE REHABILITATION
AND FIXING A DATE FOR RECEIVING OF BIDS ON MAY 10, 2016
AND PUBLIC HEARING ON MAY 23, 2016
ENGINEER'S ESTIMATE IS \$2,830,000.00

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:

Riverwalk Red Multi-Use Trail Bridge Rehabilitation, 12-2014-007
2015-1

The improvement includes raising the Riverwalk Red Multi-Use Trail Bridge by 4.5 feet, removals, structural concrete, piling, retaining walls, sidewalk, lighting, ADA railings, traffic control, site furnishings, and other incidental items; all work in accordance with the contract documents, including Plan File Nos. 572-003/056, located just south of the Court Avenue Bridge on the Des Moines River, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$2,830,000.00. 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 May 23, 2016, 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 May 10, 2016, 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 May 10, 2016, 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

5E

DATE April 11, 2016

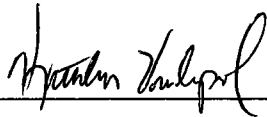
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders and Notice of Public Hearing for said improvement be published in the Des Moines Register as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 16-183 attached.)

Moved by _____ to adopt.

FORM APPROVED:


FUNDS AVAILABLE





Kathleen Vanderpool
Deputy City Attorney

Daniel E. Ritter
Des Moines Finance Director

 Funding Source: 2016-2017 CIP, Page Storm – 6, Flood Mitigation Improvements, SM087, Being: \$2,710,495 State of Iowa Flood Mitigation Grant; transfer of \$111,105 from BL110, Building - 6, Energy Conservation, G.O. Bonds to be Issued; the remaining \$8,400, SM087, Storm Revenue Bonds to be Issued

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MOORE				
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

5E

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 12-2014-007
IDOT Project No: None
Date: 3/15/2016

PROJECT: RIVERWALK RED MULTI-USE TRAIL BRIDGE REHABILITATION

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* EMBANKMENT-IN-PLACE	CY	810	\$13.24	\$10,724.40
2	* EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	91	\$20.50	\$1,865.50
3	* TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	121	\$17.13	\$2,072.73
4	* GRANULAR SUBBASE	SY	630	\$7.32	\$4,611.60
5	* REMOVAL OF CONCRETE FOOTINGS, AS PER PLAN	EACH	2	\$625.00	\$1,250.00
6	* REMOVAL OF EXISTING HANDRAIL AND END POSTS	LS	1	\$6,357.14	\$6,357.14
7	* REMOVALS, AS PER PLAN	LS	1	\$50,000.00	\$50,000.00
8	* GRANULAR BACKFILL	CY	278.4	\$34.68	\$9,654.91
9	* EXCAVATION, CLASS 20	CY	1295	\$15.00	\$19,425.00
10	STRUCTURAL CONCRETE (MISC.)	CY	7.1	\$2,000.00	\$14,200.00
11	STRUCTURAL CONCRETE (BRIDGE)	CY	234.5	\$1,000.00	\$234,500.00
12	REINFORCING STEEL	LB	43790	\$1.01	\$44,227.90
13	STRUCTURAL STEEL	LB	1950	\$1.45	\$2,827.50
14	* BRIDGE RAISING	LS	1	\$1,456,000.00	\$1,456,000.00
15	PILES, STEEL, HP 12 X 53	LF	750	\$40.39	\$30,292.50
16	PILES, STEEL SHEET	SF	320	\$25.40	\$8,128.00
17	ENGINEERING FABRIC	SY	185	\$2.89	\$534.65
18	* REVETMENT, CLASS D	TON	54	\$50.33	\$2,717.82
19	PAINTING OF STRUCTURAL STEEL	LS	1	\$50,000.00	\$50,000.00
20	* REMOVAL OF SIDEWALK	SY	351	\$11.37	\$3,990.87
21	SIDEWALK, P.C. CONCRETE, 5"	SY	570	\$40.56	\$23,119.20
22	SIDEWALK, REINFORCED P.C. CONCRETE, 5 IN.	SY	46	\$53.50	\$2,461.00
23	PCC RETAINING WALL	CY	51	\$1,202.00	\$61,302.00
24	* REMOVAL AND REINSTALLATION OF FENCE, CHAIN LINK	LF	30	\$16.87	\$506.10
25	* REMOVAL OF FENCE, CHAIN LINK	LF	15	\$10.00	\$150.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
26 *	REMOVE AND REINSTALL SIGN AS PER PLAN	EACH	3	\$254.48	\$763.44
27	CONCRETE FOOTING FOR BREAKAWAY SIGN POST, 2'-0" DIA. X 7'-0"	EACH	2	\$1,000.00	\$2,000.00
28 *	TRAFFIC CONTROL	LS	1	\$25,000.00	\$25,000.00
29 *	MOBILIZATION	LS	1	\$94,815.90	\$94,815.90
30	LIGHTWEIGHT FOAM CONCRETE FILL	CY	400	\$125.00	\$50,000.00
31 *	TRASH RECEPTACLE	EACH	2	\$750.00	\$1,500.00
32 *	BICYCLE RACK	EACH	2	\$600.00	\$1,200.00
33 *	PEDESTRIAN BENCH	EACH	6	\$950.00	\$5,700.00
34	SUBDRAIN OUTLET	EACH	1	\$300.00	\$300.00
35 *	EMERGENCY REMOVAL OF TEMPORARY ACCESS BERM	LS	1	\$350,000.00	\$350,000.00
36	TYPE 1 RAILING	LF	216	\$225.00	\$48,600.00
37	TYPE 2 RAILING	LF	70	\$250.00	\$17,500.00
39	BRIDGE ELECTRICAL REMOVAL AND REPLACEMENT	LS	1	\$111,105.00	\$111,105.00
40	CONCRETE STEPS	SF	342	\$10.00	\$3,420.00
41	PCC MOW STRIP	SF	168	\$7.00	\$1,176.00
42 *	MULCHING	AC	0.8	\$2,500.00	\$2,000.00
43 *	SODDING	SQ	357	\$48.92	\$17,464.44
44 *	WATERING SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECT.	MGAL	357	\$100.00	\$35,700.00
45 *	MOBILIZATION FOR WATERING	EACH	10	\$200.00	\$2,000.00
46 *	SILT FENCE	LF	728	\$1.70	\$1,237.60
47 *	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	728	\$0.23	\$167.44
48 *	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	LF	72.8	\$1.20	\$87.36
49 *	PERIMETER & SLOPE SEDIMENTATION CONTROL DEVICE, 12 IN. DIA.	LF	530	\$4.80	\$2,544.00
50 *	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	530	\$1.00	\$530.00
51 *	MOBILIZATION, EROSION CONTROL	EACH	5	\$1,000.00	\$5,000.00
52 *	MOBILIZATION, EMERGENCY EROSION CONTROL	EACH	1	\$1,500.00	\$1,500.00
53	SHRUBS	EACH	48	\$75.00	\$3,600.00
55 *	MULCH	CY	3.9	\$300.00	\$1,170.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
56 *	FERTILIZER	LB	24	\$5.00	\$120.00
57 *	WATERING FOR PLANTS	MGAL	28.8	\$100.00	\$2,880.00
TOTAL CONSTRUCTION COST					\$2,830,000.00

Prepared By: Tim Brady per L. Sandhaas Stanley Consultants

Checked By: *Josh Lunt*

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

* Estimate Total= \$2,132,106.25