

7B

DATE May 21, 2018

ORDERING CONSTRUCTION OF
LOCUST STREET BRIDGE OVER THE DES MOINES RIVER
AND FIXING A DATE FOR RECEIVING OF BIDS ON JUNE 19, 2018
AND PUBLIC HEARING ON JULY 9, 2018
ENGINEER'S ESTIMATE IS \$9,330,477.80

WHEREAS, this Council deems it advisable and necessary to construct the below referenced improvement, all in accordance with the plans and specifications, and has caused to be prepared plans, specifications, and form of contract, together with estimate of cost, which are now on file in the City Engineer's Office, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa 50309, for public inspection for the construction of said improvements, and said plans, specifications and form of contract are deemed suitable for the making of said improvement, for which the State of Iowa Department of Transportation (IDOT) and the City of Des Moines, (CITY) have an agreement, previously approved by this Council, under which the IDOT has agreed to advertise, receive, open and tabulate sealed bids, and

WHEREAS, before said plans, specifications, form of contract, and estimated cost of the improvement may be approved, and contract for the construction of the improvement entered into, it is necessary to hold a public hearing.

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:

Locust Street Bridge over the Des Moines River, 12-2014-008

FHWA FY 2016 TIGER, STP-U-1945(838)--70-77

The improvement includes removal of the existing bridge and substructure, construction of a new pretensioned prestressed concrete beam bridge on concrete pier and steel pile foundations, pedestrian rail and aesthetic metal panel facade, aesthetic LED lighting, pavement removal, new bridge approach pavement, sidewalk removal and replacement, erosion control, seeding and sodding, traffic control, pavement markings, and mobilization; all work in accordance with the contract documents including Plan File Nos. 592-001/135, on Locust Street over Des Moines River located between 2nd Avenue and Robert D. Ray Drive in Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$9,330,477.80. 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.

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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 9, 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 Iowa Department of Transportation, for the construction of said improvements, and the taking of bids in the manner required by law. Proposals received will be opened and tabulated by the Iowa Department of Transportation on June 19, 2018, after which the bids together with a report and recommendation of the Chief Civil Engineer, will be presented to City Council at its next meeting for action thereon.

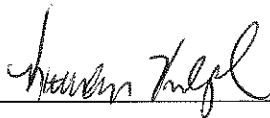
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

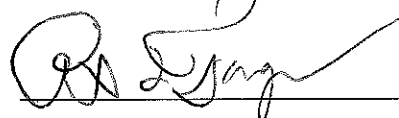
(City Council Communication Number 18-264 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE





Kathleen Vanderpool
Deputy City Attorney

Robert L. Fagen
Des Moines Finance Director

SLN Funding Source: 2018-2019 CIP, Page Bridge – 10, Locust Street Bridge over the Des Moines River, BR052, Being: \$800,000 (maximum) in TIGER, being 80% eligible for construction costs; \$2,500,000 in Federal Highway Bridge Program funds (\$2,500,000 maximum) being 80% of eligible construction costs under STP-U-1945(838)—70-77; \$215,780 from various Utility Companies for conduit installations; \$3,814,697.80 TIF Bonds issued; \$2,000,000 TIF Bonds to be issued (FY2019).

COUNCIL ACTION	YEAS	NAYS	Pass	ABSENT
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
TOTAL				
MOTION CARRIED			APPROVED	

CERTIFICATE

I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, 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

**Engineer's Opinion of Probable Construction Costs
Locust Street Bridge over the Des Moines River**

Item No.	Item Code	Item	Unit	Quantities			Total Quantity	Unit Price	Price			Total Price
				Bridge Division 1 Participating	Roadway Division 1 Participating	Roadway Division 2 Non-Participating			Bridge Division 1 Participating	Roadway Division 1 Participating	Roadway Division 2 Non-Participating	
1	2401-6745625	Removal of Existing Bridge	LS	1			1	\$ 800,000.00	\$ 800,000.00	\$ -	\$ -	\$ 800,000.00
2	2401-6750001	Removals as Per Plan	LS	1			1	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ 40,000.00
3	2402-2720000	Excavation, Class 20	CY	59			59	\$ 20.00	\$ 1,180.00	\$ -	\$ -	\$ 1,180.00
4	2402-2721000	Excavation, Class 21	CY	1,298			1,298	\$ 300.00	\$ 389,400.00	\$ -	\$ -	\$ 389,400.00
5	2402-2722000	Excavation, Class 22	CY	144			144	\$ 125.00	\$ 18,000.00	\$ -	\$ -	\$ 18,000.00
6	2403-0100010	Structural Concrete (Bridge)	CY	1,627.0			1,627.0	\$ 550.00	\$ 894,850.00	\$ -	\$ -	\$ 894,850.00
7	2403-0100030	Structural Concrete 4500 psi or Greater	CY	13.0			13.0	\$ 750.00	\$ 9,750.00	\$ -	\$ -	\$ 9,750.00
8	2403-7000210	High Performance Structural Concrete	CY	1,298.6			1,298.6	\$ 700.00	\$ 909,020.00	\$ -	\$ -	\$ 909,020.00
9	2404-7775000	Reinforcing Steel	LB	172,847			172,847	\$ 1.05	\$ 181,489.35	\$ -	\$ -	\$ 181,489.35
10	2404-7775005	Reinforcing Steel, Epoxy Coated	LB	426,619			426,619	\$ 1.05	\$ 447,949.95	\$ -	\$ -	\$ 447,949.95
11	2407-0563100	Beams, Prestensioned Prestressed Concrete, SBTC 100	EACH	18			18	\$ 20,000.00	\$ 360,000.00	\$ -	\$ -	\$ 360,000.00
12	2407-0563120	Beams, Prestensioned Prestressed Concrete, SBTC 120	EACH	18			18	\$ 23,000.00	\$ 414,000.00	\$ -	\$ -	\$ 414,000.00
13	2408-7800000	Structural Steel	LB	52,582			52,582	\$ 4.00	\$ 210,328.00	\$ -	\$ -	\$ 210,328.00
14	2414-6460000	Ornamental Metal Railing	LF	898			898	\$ 200.00	\$ 179,600.00	\$ -	\$ -	\$ 179,600.00
15	2499-2300001	Deck Drain	LS	1			1	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ 20,000.00
16	2501-0201284	Piles, Steel, HP12 x 84	LF	3,150			3,150	\$ 60.00	\$ 189,000.00	\$ -	\$ -	\$ 189,000.00
17	2501-0201517	Piles, Steel, HP14 x 117	LF	1,210			1,210	\$ 70.00	\$ 84,700.00	\$ -	\$ -	\$ 84,700.00
18	2506-4984000	Flowable Mortar	CY	50			50	\$ 160.00	\$ 8,000.00	\$ -	\$ -	\$ 8,000.00
19	2533-4980005	Mobilization	LS	1			1	\$ 770,000.00	\$ 770,000.00	\$ -	\$ -	\$ 770,000.00
20	2536-6745045	Removal of Asbestos	LS	1			1	\$ 30,000.00	\$ 30,000.00	\$ -	\$ -	\$ 30,000.00
21	2599-9999005	Bridge Plaque	EACH	4			4	\$ 1,000.00	\$ 4,000.00	\$ -	\$ -	\$ 4,000.00
22	2599-9999005	Relocate Transformer	EACH	1			1	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ 5,000.00
23	2599-9999009	Concrete Coring at Abutment Piles	LF	396			396	\$ 700.00	\$ 277,200.00	\$ -	\$ -	\$ 277,200.00
24	2599-9999009	Steel Sidewalk Expansion Joint Cover Plate	LF	48			48	\$ 300.00	\$ 14,400.00	\$ -	\$ -	\$ 14,400.00
25	2599-9999010	Anesthetic Lighting	LS	1			1	\$ 550,000.00	\$ 550,000.00	\$ -	\$ -	\$ 550,000.00
26	2599-9999010	Aesthetic Panels	LS	1			1	\$ 740,000.00	\$ 740,000.00	\$ -	\$ -	\$ 740,000.00
27	2599-9999010	NW Floodwall Stone Veneer	LS	1			1	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ 15,000.00
28	2599-9999010	Vibration Monitoring	LS	1			1	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -	\$ 25,000.00
29	2599-9999010	Water Main Supports	LS	1			1	\$ 160,000.00	\$ 160,000.00	\$ -	\$ -	\$ 160,000.00
30	2105-8425005	Topsoil, Furnish and Spread	CY		11		11	\$ 125.00		\$ 1,375.00	\$ -	\$ 1,375.00
31	2214-5145150	Pavement Scarification	SY		219		219	\$ 15.00		\$ 3,285.00	\$ -	\$ 3,285.00
32	2301-0685550	Bridge Approach Pavement, As Per Plan	SY		865		865	\$ 210.00		\$ 181,650.00	\$ -	\$ 181,650.00
33	2303-1133500	Hot Mix Asphalt Standard Traffic, Surface Course, 1/2 in. Mix	SY		291		291	\$ 50.00		\$ 14,550.00	\$ -	\$ 14,550.00
34	2412-0000100	Longitudinal Grooving in Concrete	SY		2,763		2,763	\$ 3.50		\$ 9,670.50	\$ -	\$ 9,670.50
35	2510-6745850	Removal of Pavement	SY		935		935	\$ 15.00		\$ 14,025.00	\$ -	\$ 14,025.00
36	2511-0300000	Removal of Recreational Trail	SY		760		760	\$ 14.00		\$ 10,640.00	\$ -	\$ 10,640.00
37	2511-0301600	Recreational Trail, HMA, 6 in.	SY		340		340	\$ 100.00		\$ 34,000.00	\$ -	\$ 34,000.00
38	2511-0310100	Special Compaction of Subgrade for Recreational Trail	STA		1.9		1.9	\$ 2,500.00		\$ 4,750.00	\$ -	\$ 4,750.00
39	2511-6745900	Removal of Sidewalk	SY		876		876	\$ 15.00		\$ 13,140.00	\$ -	\$ 13,140.00
40	2511-7526006	Sidewalk, PCC, 6 in.	SY		570		570	\$ 75.00		\$ 42,750.00	\$ -	\$ 42,750.00
41	2511-7528101	Detectable Warnings	SF		60		60	\$ 30.00		\$ 1,800.00	\$ -	\$ 1,800.00
42	2516-8725000	P.C. Concrete Retaining Wall	CY		8		8	\$ 2,250.00		\$ 18,000.00	\$ -	\$ 18,000.00

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43	2518-691000	Safety Clearance	EACH	6	6	200.00	\$	1,200.00	\$	-	\$	1,200.00
44	2519-3301700	Fences, Temporary	LF	2,055	2,055	9.00	\$	18,495.00	\$	-	\$	18,495.00
45	2519-4201500	Removal of Fences, Temporary	LF	2,055	2,055	5.00	\$	10,275.00	\$	-	\$	10,275.00
46	2523-0000310	Handholes and Junction Boxes	EACH	4	4	2,500.00	\$	10,000.00	\$	-	\$	10,000.00
47	2523-0765019	Remove and Reinstall Light Pole and Luminaire	EACH	5	5	1,800.00	\$	9,000.00	\$	-	\$	9,000.00
48	2527-9263117	Painted Pavement Markings, Durable	STA	33.2	33.2	90.00	\$	2,988.00	\$	-	\$	2,988.00
49	2527-9263143	Painted Symbols and Legends, Durable	EACH	2	2	150.00	\$	300.00	\$	-	\$	300.00
50	2527-9263180	Pavement Markings Removed	STA	18.8	18.8	45.00	\$	846.00	\$	-	\$	846.00
51	2527-9263190	Symbols and Legends Removed	EACH	2	2	90.00	\$	180.00	\$	-	\$	180.00
52	2527-9270111	Grooves Cut for Pavement Markings	STA	33.2	33.2	55.00	\$	1,826.00	\$	-	\$	1,826.00
53	2527-9270120	Grooves Cut for Symbols and Legends	EACH	2	2	100.00	\$	200.00	\$	-	\$	200.00
54	2528-8445110	Traffic Control	LS	1	1	40,000.00	\$	40,000.00	\$	-	\$	40,000.00
55	2528-9290350	Portable Dynamic Message Signs (PDMS)	CDAY	160	160	80.00	\$	12,800.00	\$	-	\$	12,800.00
56	2534-0112020	Water Main, Trenched, Ductile Iron Pipe (DIP), 20 in.	LF	118	118	200.00	\$	23,600.00	\$	-	\$	23,600.00
57	2554-0202200	Fittings by Count, Ductile Iron, 45° Bend, 20 in.	EACH	4	4	2,200.00	\$	8,800.00	\$	-	\$	8,800.00
58	2554-0202200	Fittings by Count, Ductile Iron, 22.5° Bend, 20 in.	EACH	4	4	2,000.00	\$	8,000.00	\$	-	\$	8,000.00
59	2554-0207020	Valves, Gate, DIP, 20 in.	EACH	2	2	15,000.00	\$	30,000.00	\$	-	\$	30,000.00
60	2599-9999005	Adjustment of Fixtures	EACH	9	9	1,500.00	\$	13,500.00	\$	-	\$	13,500.00
61	2599-9999005	Emergency Removal / Replacement of Construction Access	EACH	1	1	80,000.00	\$	80,000.00	\$	-	\$	80,000.00
62	2599-9999005	Inlet Protection Device, Drop-In	EACH	4	4	150.00	\$	600.00	\$	-	\$	600.00
63	2599-9999005	Inlet Protection Device, Maintenance	EACH	6	6	20.00	\$	120.00	\$	-	\$	120.00
64	2599-9999005	Inlet Protection Device, Open Throat	EACH	2	2	75.00	\$	150.00	\$	-	\$	150.00
65	2599-9999005	Remove, Store, Protect, and Reinstall Stone Bunches	EACH	21	21	800.00	\$	16,800.00	\$	-	\$	16,800.00
66	2599-9999009	2 in. Fiberglass Conduit	LF	506	506	30.00	\$	15,180.00	\$	-	\$	15,180.00
67	2599-9999009	2 in. Rigid Steel Conduit	LF	2,916	2,916	15.00	\$	43,740.00	\$	-	\$	43,740.00
68	2599-9999009	2 in. SCH 40 PVC Conduit	LF	3,562	3,562	10.00	\$	35,620.00	\$	-	\$	35,620.00
69	2599-9999009	5 in. Fiberglass Conduit	LF	3,036	3,036	40.00	\$	121,440.00	\$	-	\$	121,440.00
70	2599-9999009	Cast in Place Slabform Sealing	LF	110	110	300.00	\$	33,000.00	\$	-	\$	33,000.00
71	2599-9999009	Water Main, Steel, 20 in.	LF	474	474	1,000.00	\$	474,000.00	\$	-	\$	474,000.00
72	2599-9999010	Remove and Reinstall Ped Crossing Signal	LS	1	1	5,000.00	\$	5,000.00	\$	-	\$	5,000.00
73	2599-9999018	Colored PCC, 6 in.	SY	442	442	180.00	\$	79,560.00	\$	-	\$	79,560.00
74	2599-9999018	Pedestrian Bridge Approach Sidewalk	SY	250	250	175.00	\$	43,750.00	\$	-	\$	43,750.00
75	2599-9999018	Precast Concrete Unit Pavers, Type 3	SY	305	305	200.00	\$	61,000.00	\$	-	\$	61,000.00
76	2601-2634105	Matching, Bonded Fiber Matrix	ACRE	0.5	0.5	5,000.00	\$	2,500.00	\$	-	\$	2,500.00
77	2601-2639010	Soilfilling	SQ	50	50	100.00	\$	5,000.00	\$	-	\$	5,000.00
78	2601-2642100	Stabilizing, Crop - Seeding and Fertilizing	ACRE	0.5	0.5	3,000.00	\$	1,500.00	\$	-	\$	1,500.00
79	2601-2643110	Watering for Soil, Special Ditch Control, or Slope Protection	MGAL	10	10	80.00	\$	800.00	\$	-	\$	800.00
80	2601-2643300	Mobilization for Watering	EACH	10	10	400.00	\$	4,000.00	\$	-	\$	4,000.00
81	2602-0000309	Perimeter and Slope Sediment Control Device 9 in. Dia.	LF	2,000	2,000	2.00	\$	4,000.00	\$	-	\$	4,000.00
82	2602-0000350	Removal of Perimeter and Slope Sediment Control Device	LF	2,000	2,000	1.00	\$	2,000.00	\$	-	\$	2,000.00
83	2602-0010010	Mobilizations, Erosion Control	EACH	10	10	500.00	\$	5,000.00	\$	-	\$	5,000.00
84	2602-0010020	Mobilizations, Emergency Erosion Control	EACH	1	1	1,000.00	\$	1,000.00	\$	-	\$	1,000.00
85	2610-0000120	Trees, Remove and Replace (With Warranty)	EACH	2	2	1,000.00	\$	2,000.00	\$	-	\$	2,000.00
86	2610-0000200	Match	CY	8	8	150.00	\$	1,200.00	\$	-	\$	1,200.00

Subtotal = \$ 7,747,807.30 \$ 1,366,830.50 \$ 215,780.00 \$ 9,330,477.80