

DATE December 17, 2018

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR EVERGREEN AVENUE BRIDGE OVER EASTER LAKE REPLACEMENT, UNITED
CONTRACTORS, INC.**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the Evergreen Avenue Bridge over Easter Lake Replacement, 12-2014-003, in accordance with the contract approved between United Contractors, Inc., Stephen E. Sandquist, President, 6678 N.W. 62nd Avenue, PO Box 347, Johnston, IA 50131, under Roll Call No. 16-2199, of December 19, 2016, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

BE IT FURTHER RESOLVED: That \$1,047,166.70 is the total cost, of which \$1,015,751.70 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$31,415.00 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool by AD

 Kathleen Vanderpool
 Deputy City Attorney

Robert L. Fagen

 Robert L. Fagen
 Des Moines Finance Director

SLN Funding Source: 2018-2019 CIP, Page Bridge - 7, Evergreen Avenue over Easter Lake, BR050, Being: \$188,520.75 from the Polk County Conservation Board, \$81,000 from Des Moines Water Works for water main construction, and the remaining \$777,645.95 from BR050, G.O. Bonds

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

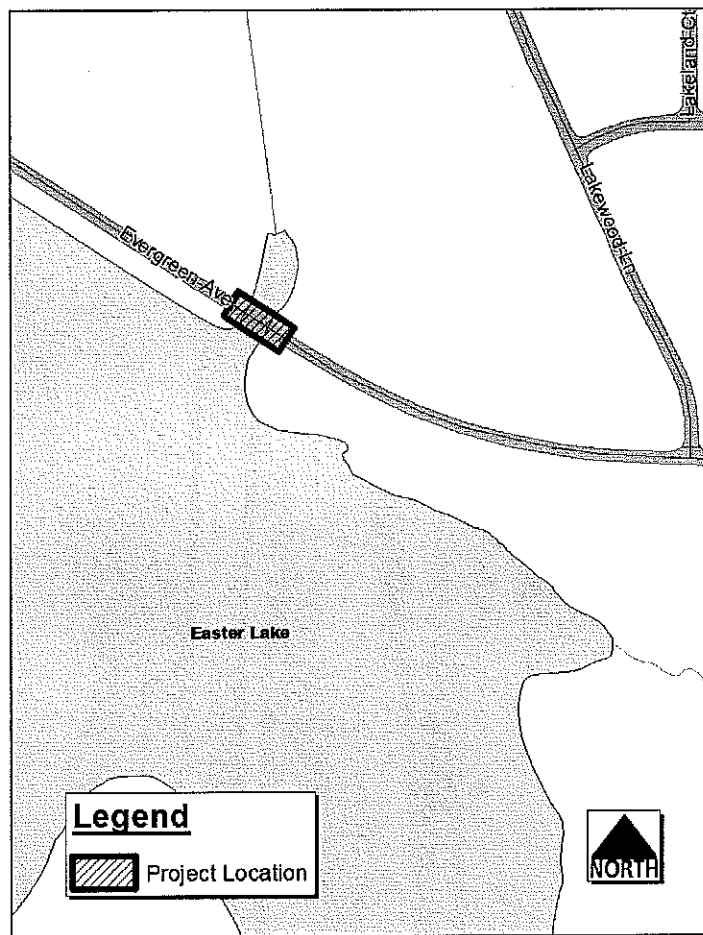
CERTIFICATE

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





PROJECT SUMMARY

Evergreen Avenue Bridge over Easter Lake Replacement

Activity ID 12-2014-003

On December 19, 2016, under Roll Call No. 16-2199, the Council awarded the contract for the above improvements to United Contractors, Inc., in the amount of \$1,034,338.10. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	9/7/2017 Add modifications to bridge wingwall and the installation of additional railing.	\$18,750.00
2	Engineering	7/18/2018 Add bridge rail, approach slab paving, and sidewalk paving, and the adjustment of quantities to as-built measurements.	\$12,294.50
3	Engineering	10/29/2018 Filling voids under approach slab and voids along underside of abutment.	\$14,991.00
4	Engineering	11/5/2018 Adjustment of quantities to as-built measurements.	\$(33,206.90)
Original Contract Amount			\$1,034,338.10
Total Change Orders			\$12,828.60
Percent of Change Orders to Original Contract			1.24%
Total Contract Amount			\$1,047,166.70

December 17, 2018



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Evergreen Avenue Bridge over Easter Lake Replacement, United Contractors, Inc.

SYNOPSIS:

Approve the Engineer's Certification of Completion, accept construction of said improvement, and authorize final payment to the contractor.

FISCAL IMPACT:

Amount: \$1,047,166.70 As-Built Contract Cost

Funding Source: 2018-2019 CIP, Page Bridge - 7, Evergreen Avenue over Easter Lake, BR050, Being: \$188,520.75 from the Polk County Conservation Board, \$81,000 from Des Moines Water Works for water main construction, and the remaining \$777,645.95 from BR050, G.O. Bonds

CERTIFICATION OF COMPLETION:

On December 19, 2016, under Roll Call No. 16-2199, the City Council awarded a contract to United Contractors, Inc., Stephen E. Sandquist, President, 6678 N.W. 62nd Avenue, PO Box 347, Johnston, IA 50131 for the construction of the following improvement:

Evergreen Avenue Bridge over Easter Lake Replacement, 12-2014-003

The improvement includes the replacement of the existing bridge including Class 10 excavation for roadway and channel, bridge approach pavement, removals, excavation Class 20, structural concrete, epoxy reinforcing steel, longitudinal grooving, aesthetic barrier rail, steel pedestrian handrails, steel piling, concrete pile encasements, engineering fabric and revetment, traffic control and flaggers, 12 inch water main, pavement markings, erosion control, seeding and fertilizing, and mobilization; all in accordance with the contract documents, including Plan File Nos. 577-092/124, located on Evergreen Avenue between S.E. 30th Court and S.E. 34th Street, Des Moines, Iowa

I hereby certify that the construction of said Evergreen Avenue Bridge over Easter Lake Replacement, Activity ID 12-2014-003, has been completed in substantial compliance with the terms of said contract, and I hereby recommend that the work be accepted. The work commenced on June 27, 2017, and was completed on December 3, 2018.

I further certify that \$1,047,166.70 is the total cost of said improvement, of which \$1,015,751.70 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$31,415.00 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573. The amount of completed work is shown on the attached Estimate of Construction Completed.



Steven L. Naber, P.E.
Des Moines City Engineer

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 10/31/18 to 11/07/18
FINAL PAYMENT (PAYMENT NO. 7)

PROJECT: EVERGREEN AVENUE BRIDGE OVER EASTER LAKE REPLACEMENT
CONTRACTOR: UNITED CONTRACTORS, INC.

Activity ID: 12-2014-003
Date: 11/07/2018

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	EMBANKMENT-IN-PLACE	CY	318.000	318.000	318.000	\$45.00	\$14,310.00
2	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	37.000	37.000	37.000	\$115.00	\$4,255.00
3	EXCAVATION, CLASS 10, WASTE	CY	500.000	500.000	500.000	\$20.00	\$10,000.00
4	EXCAVATION, CLASS 10, CHANNEL	CY	500.000	500.000	500.000	\$20.00	\$10,000.00
5	TOPSOIL, FURNISH AND SPREAD	CY	110.000	0.000	0.000	\$65.00	\$0.00
6	GRANULAR SHOULDERS, TYPE B	TON	11.000	25.200	25.200	\$145.00	\$3,654.00
7	SHOULDER CONSTRUCTION, EARTH	STA	0.500	0.600	0.600	\$6,900.00	\$4,140.00
8	MACADAM STONE BASE	TON	200.000	0.000	0.000	\$55.00	\$0.00
9	BRIDGE APPROACH PAVEMENT, AS PER PLAN	SY	335.600	335.100	335.100	\$167.00	\$55,961.70
10	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	235.000	0.000	0.000	\$40.00	\$0.00
11	REMOVAL OF EXISTING BRIDGE	LS	1.000	1.000	1.000	\$60,000.00	\$60,000.00
12	EXCAVATION, CLASS 20	CY	238.000	238.000	238.000	\$50.00	\$11,900.00
13	STRUCTURAL CONCRETE (BRIDGE)	CY	373.700	373.700	373.700	\$750.00	\$280,275.00
14	STRUCTURAL CONCRETE COATING	SY	205.000	207.000	207.000	\$50.00	\$10,350.00
15	REINFORCING STEEL, EPOXY COATED	LB	91,654.000	91,654.000	91,654.000	\$1.10	\$100,819.40
16	CONCRETE BARRIER RAILING, AESTHETIC	LF	242.000	242.000	242.000	\$120.00	\$29,040.00
17	STRUCTURAL STEEL PEDESTRIAN HAND RAILING ,10 IN. HEIGHT	LF	213.200	213.200	213.200	\$75.00	\$15,990.00
18	STRUCTURAL STEEL PEDESTRIAN HAND RAILING , 4'-6 HEIGHT	LF	119.700	119.700	119.700	\$125.00	\$14,962.50
19	PILES, STEEL, HP 10 X 42 ;14 @ 35' & 24 @ 35'	LF	1,330.000	1,330.000	1,330.000	\$45.00	\$59,850.00
20	CONCRETE ENCASEMENT OF STEEL H PILES, HP 10 X 42 (P10L TYPE 3);	LF	408.000	408.000	408.000	\$125.00	\$51,000.00
21	BRIDGE WING ARMORING - EROSION STONE	SY	90.000	69.200	69.200	\$65.00	\$4,498.00
22	ENGINEERING FABRIC	SY	800.000	931.600	931.600	\$3.00	\$2,794.80
23	REVTMENT, CLASS E	TON	575.000	383.160	383.160	\$70.00	\$26,821.20
24	REVTMENT, REMOVE AND REPLACE	CY	100.000	12.100	12.100	\$20.00	\$242.00
25	REMOVAL OF PAVEMENT	SY	288.000	288.000	288.000	\$25.00	\$7,200.00
26	SAFETY CLOSURE	EACH	3.000	3.000	3.000	\$100.00	\$300.00
27	HANDHOLES AND JUNCTION BOXES	EACH	2.000	2.000	2.000	\$1,250.00	\$2,500.00
28	OBJECT MARKER, TYPE 3	EACH	4.000	4.000	4.000	\$200.00	\$800.00
29	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	8.440	0.000	0.000	\$125.00	\$0.00
30	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$11,000.00	\$11,000.00
31	REMOVAL OF ASBESTOS	LS	1.000	1.000	1.000	\$10,000.00	\$10,000.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
32	FLAGGERS, UNIFORMED POLICE OFFICER	DAY	6.000	0.000	0.000	\$550.00	\$0.00
33	PROJECT SIGN SMALL, STANDARD	EACH	1.000	1.000	1.000	\$200.00	\$200.00
34	GALVANIZED RIGID STEEL CONDUIT, 2 IN. DIA., WITH PULL STRING	LF	135.000	127.000	127.000	\$50.00	\$6,350.00
35	WATERING FOR SEEDING	MGAL	65.000	0.000	0.000	\$50.00	\$0.00
36	MOBILIZATION	LS	1.000	1.000	1.000	\$80,000.00	\$80,000.00
37	MULCHING, BONDED FIBER MATRIX	ACRE	0.200	0.000	0.000	\$4,500.00	\$0.00
38	SEEDING AND FERTILIZING (URBAN)	ACRE	0.200	0.000	0.000	\$4,500.00	\$0.00
39	SILT FENCE	LF	690.000	0.000	0.000	\$1.50	\$0.00
40	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	LF	690.000	0.000	0.000	\$0.50	\$0.00
41	FLOATING SILT CURTAIN (HANGING)	LF	400.000	0.000	0.000	\$18.00	\$0.00
42	MAINTENANCE OF FLOATING SILT CURTAIN	LF	400.000	0.000	0.000	\$5.00	\$0.00
43	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	LF	430.000	260.000	260.000	\$2.70	\$702.00
44	MOBILIZATIONS, EROSION CONTROL	EACH	4.000	1.000	1.000	\$500.00	\$500.00
45	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	1.000	0.000	0.000	\$1,000.00	\$0.00
46	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	10.000	0.000	0.000	\$300.00	\$0.00
47	WATER MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	323.000	332.000	332.000	\$200.00	\$66,400.00
48	FITTINGS BY WEIGHT, DUCTILE IRON	LB	315.000	400.000	400.000	\$30.00	\$12,000.00
49	PREPARE EXCAVATION FOR TAPPING SLEEVE	EACH	1.000	1.000	1.000	\$2,600.00	\$2,600.00
1.01	REPAIR OF BRIDGE WING AND RAILING - EASTON	LS	0.000	1.000	1.000	\$2,500.00	\$2,500.00
1.02	EXPANSION JOINT SAWING - HUBBELL	LF	0.000	176.000	176.000	\$14.50	\$2,552.00
1.03	CLEANING/SEALING EXPANSION JOINTS - HUBBELL	LS	0.000	2.000	2.000	\$2,500.00	\$5,000.00
1.04	CORE SLAB - HUBBELL	EACH	0.000	2.000	2.000	\$100.00	\$200.00
1.05	REPAIR BRIDGE WING - HUBBELL	LS	0.000	1.000	1.000	\$12,000.00	\$12,000.00
2.01	PAVEMENT REMOVAL - HUBBELL	SY	0.000	90.500	90.500	\$30.00	\$2,715.00
2.02	SIDEWALK AND TRAIL, 5" PCC - HUBBELL	SY	0.000	52.420	52.420	\$180.00	\$9,435.60
2.03	APPROACH SLAB - HUBBELL	SY	0.000	47.300	47.300	\$400.00	\$18,920.00
2.04	34" BARRIER RAIL - HUBBELL	LF	0.000	37.500	37.500	\$165.00	\$6,187.50
2.05	REMOVE AND REPLACE TAPERED BARRIER END RAIL - HUBBELL	LS	0.000	1.000	1.000	\$1,250.00	\$1,250.00
3.01	APPROACH SLAB VOID FILLING - HUBBELL	CY	0.000	6.300	6.300	\$475.00	\$2,992.50
3.02	POLY FOAM ABUTMENT FILL - HUBBELL	LB	0.000	43.500	43.500	\$11.00	\$478.50
3.03	MOBILIZATION, ABUTMENT FILLING - HUBBELL	LS	0.000	1.000	1.000	\$5,375.00	\$5,375.00
3.04	MOBILIZATION, VOID FILLING - HUBBELL	LS	0.000	1.000	1.000	\$4,000.00	\$4,000.00
3.05	TRAFFIC CONTROL - HUBBELL	LS	0.000	1.000	1.000	\$2,145.00	\$2,145.00

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LINE NO.	DESCRIPTION	UNIT	UNITS		CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED			
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$1,047,166.70				
	PARTIAL PAYMENT #1		\$173,533.00				
	PARTIAL PAYMENT #2		\$204,497.92				
	PARTIAL PAYMENT #3		\$440,203.07				
	PARTIAL PAYMENT #4		\$136,600.64				
	PARTIAL PAYMENT #5		\$29,644.66				
	PARTIAL PAYMENT #6		\$31,272.41				
	THIS PARTIAL PAYMENT		\$0.00				
	TOTAL PARTIAL PAYMENTS		\$1,015,751.70				
	BALANCE		\$31,415.00				
						TOTAL	\$1,047,166.70
						RETAINAGE	\$31,415.00
						TOTAL LESS RETAINAGE	\$1,015,751.70
						LESS PREVIOUS PAYMENT	\$1,015,751.70
						AMOUNT DUE	\$0.00

PREPARED BY: *Jack L. [Signature]*

CHECKED BY: *[Signature]*

FINAL PAYMENT (PAYMENT NO. 7)