

8C

DATE October 8, 2018

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT  
FOR 2017 TRAFFIC SIGNAL REPAIRS AND E. GRAND COMPLETE STREET CONVERSION, IOWA  
SIGNAL INC.**

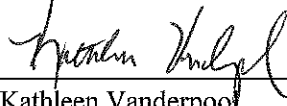
BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the 2017 Traffic Signal Repairs and E. Grand Complete Street Conversion, 04-2017-012, in accordance with the contract approved between Iowa Signal Inc., Wayne Lesley, President, 3711 SE Capitol Circle, Grimes, IA 50111, under Roll Call No. 17-1195, of July 10, 2017, 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 \$407,121.63 is the total cost, of which \$394,907.98 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 \$12,213.65 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:

  
Kathleen Vanderpool  
Deputy City Attorney

FUNDS AVAILABLE

  
Robert L. Fagen  
Des Moines Finance Director

**SLN** Funding Source: 2018-2019 CIP, Page Streets – 45, Traffic Signals, Channelization, and School Crossings, TR091, Being: \$155,445.13 in G.O. Bonds; \$5,100 in G.O. Bonds transferred from ST212; and the remaining \$246,576.50 in Tax Increment Bonds, ST262

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

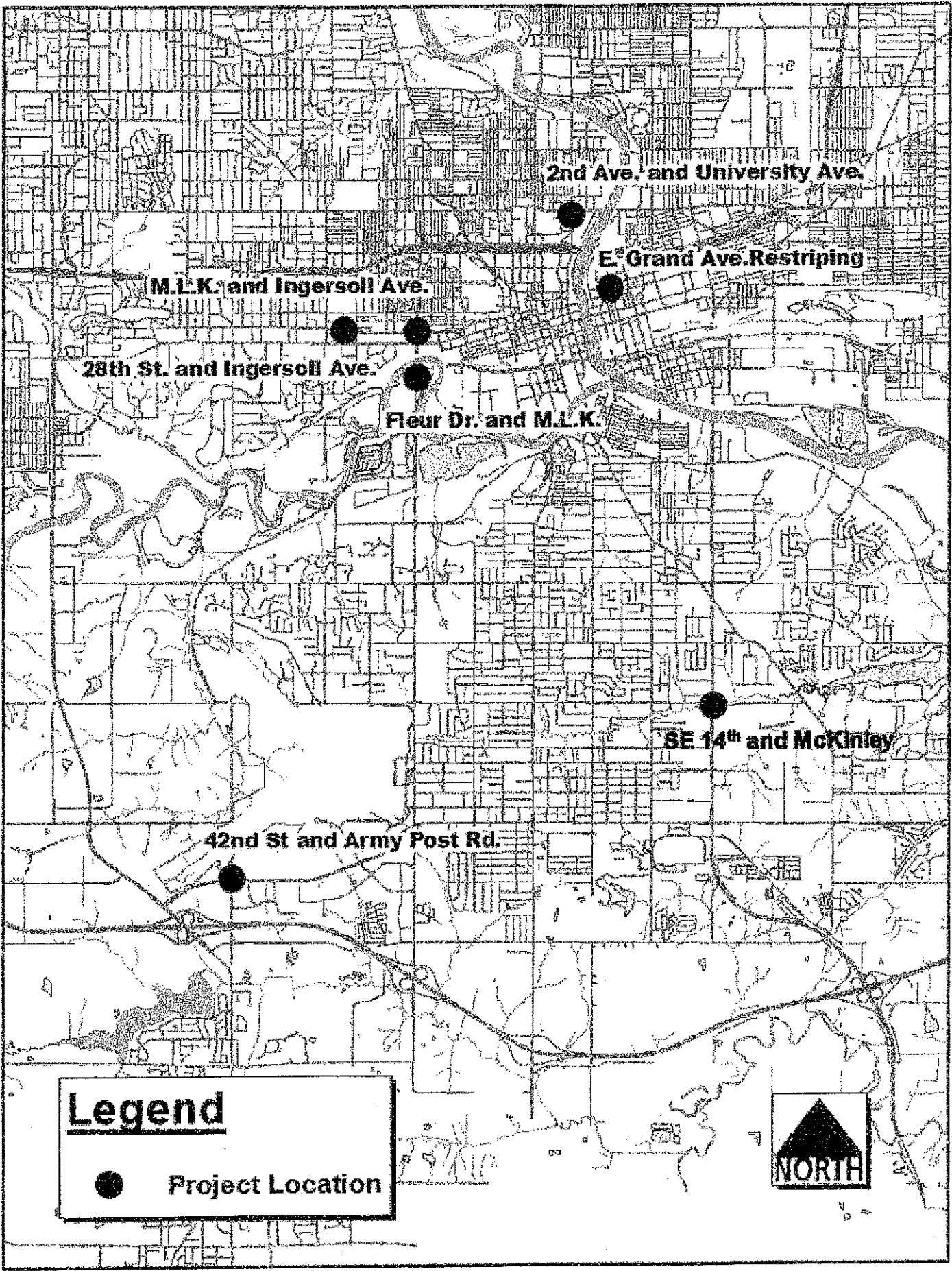
**CERTIFICATE**

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



**Legend**

● Project Location





## PROJECT SUMMARY

### 2017 Traffic Signal Repairs and E. Grand Complete Street Conversion

#### Activity ID 04-2017-012

On July 10, 2017, under Roll Call No. 17-1195, the Council awarded the contract for the above improvements to Iowa Signal Inc., in the amount of \$341,662.69. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	7/26/2017 Remove signs and sign posts, add PCC Median, and add misc. signal repairs.	\$17,536.00
2	City	9/26/2017 Contractor was required to remove and reinstall vertical delineator posts and bases.	\$2,475.00
3	City	10/31/2017 Traffic Signal changes at E Locust/E 7th, Ingersoll/MLK, and E Grand/Penn.	\$11,920.00
4	City	11/9/2017 Change order to fill bolt holes left in the pavement after the delineator posts were relocated.	\$844.14
5	City	8/29/2018 This change order is to adjust quantities to agreed upon final quantities.	\$32,683.80
<b>Original Contract Amount</b>			\$341,662.69
<b>Total Change Orders</b>			\$65,458.94
<b>Percent of Change Orders to Original Contract</b>			19.16%
<b>Total Contract Amount</b>			\$407,121.63

80

October 8, 2018



**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the 2017 Traffic Signal Repairs and E. Grand Complete Street Conversion, Iowa Signal Inc.

**SYNOPSIS:**

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

**FISCAL IMPACT:**

Amount: \$407,121.63 As-Built Contract Cost

Funding Source: 2018-2019 CIP, Page Streets – 45, Traffic Signals, Channelization, and School Crossings, TR091, Being: \$155,445.13 in G.O. Bonds; \$5,100 in G.O. Bonds transferred from ST212; and the remaining \$246,576.50 in Tax Increment Bonds, ST262

**CERTIFICATION OF COMPLETION:**

On July 10, 2017, under Roll Call No. 17-1195, the City Council awarded a contract to Iowa Signal Inc., Wayne Lesley, President, 3711 SE Capitol Circle, Grimes, IA 50111 for the construction of the following improvement:

2017 Traffic Signal Repairs and E. Grand Complete Street Conversion, 04-2017-012

This improvement includes traffic signal repairs, traffic signal upgrades, pavement marking removal, bituminous fog seal, detectable warnings, pavement markings, and signage; all in accordance with the contract documents, including Plan File Nos. 580-001/034, located at the following intersections, all in Des Moines, Iowa: 28th Street and Ingersoll Avenue, Ingersoll Avenue and Martin Luther King Jr. Parkway, Fleur Drive and Martin Luther King Jr. Parkway, 2nd Avenue and University Avenue, S.W. 42nd Street and Army Post Road, S.E. 14th Street and McKinley Avenue, E. Grand Avenue from the Des Moines River to E. Pennsylvania Avenue, and E. 7th Street from E. Locust Street to E. Grand Avenue

I hereby certify that the construction of said 2017 Traffic Signal Repairs and E. Grand Complete Street Conversion, Activity ID 04-2017-012, 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 August 16, 2017, and was completed on September 28, 2018.

I further certify that \$407,121.63 is the total cost of said improvement, of which \$394,907.98 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 \$12,213.65 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.

A handwritten signature in black ink that reads "Steven L. Naber" with a small "P.E." or similar initials at the end.

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

ENGINEERING DEPARTMENT  
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED  
FOR WORK DONE FROM 8/1/2018 to 8/30/2018  
PARTIAL PAYMENT NO. 6 (FINAL PAYMENT)

PROJECT: 2017 TRAFFIC SIGNAL REPAIRS AND E. GRAND COMPLETE STREET CONVERSION  
CONTRACTOR: IOWA SIGNAL INC.

Activity ID: 04-2017-012  
Date: 09/04/2018

ITEM NO	SPEC REFERENCE	ITEM	UNIT	UNITS			CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
				ESTIMATED	AUTHORIZED				
1	1070 2.02 2.06	TRAFFIC CONTROL	LS	1.00	1.00		1.00	\$ 11,800.00	\$11,800.00
2	EST. REF. NOTES	PORTABLE DYNAMIC MESSAGE SIGN	CDAY	18.00	26.00		26.00	\$ 150.00	\$3,900.00
3	7010 1.08 G	4" PCC MEDIAN	SY	60.00	77.50		77.50	\$ 150.00	\$11,625.00
4	7030 1.08 G	DETECTABLE WARNING, SURFACE MOUNTED	SF	144.00	292.00		292.00	\$ 35.00	\$10,220.00
5	8010 1.08 A	TRAFFIC SIGNALIZATION	LS	1.00	1.00		1.00	\$169,912.39	\$169,912.39
6	8020 1.08 B	PAINTED PAVEMENT MARKINGS, WATERBORNE	STA	332.20	526.50		526.50	\$ 70.00	\$36,855.00
7	8020 1.08 B	PAINTED PAVEMENT MARKINGS, GREEN, WATERBORNE	SF	3000.00	5081.40		5081.40	\$ 3.00	\$15,244.20
8	8020 1.08 C	PAINTED PAVEMENT MARKINGS, DURABLE, EPOXY	STA	12.48	15.45		15.45	\$ 120.00	\$1,854.00
9	8020 1.08 E	PERMANENT TAPE MARKINGS	STA	13.57	21.04		21.04	\$ 460.00	\$9,678.40
10	8020 1.08 G	PAINTED PAVEMENT SYMBOL STANDARD	EA	18.00	29.00		29.00	\$ 90.00	\$2,610.00
11	8020 1.08 G	PAINTED PAVEMENT SYMBOL, SPECIAL	EA	35.00	45.00		45.00	\$ 180.00	\$8,100.00
12	8020 1.08 G	PAINTED PAVEMENT SYMBOL, PARKING TEE	EA	102.00	95.00		95.00	\$ 30.00	\$2,850.00
13	8020 1.08 K	PAVEMENT MARKINGS REMOVAL	STA	120.00	149.22		149.22	\$ 50.00	\$7,461.00
14	8020 1.08 L	PAVEMENT SYMBOL REMOVAL	EA	10.00	12.00		12.00	\$ 100.00	\$1,200.00
15	8020 1.08 M	GROOVES CUT FOR PAVEMENT MARKINGS	STA	26.05	21.04		21.04	\$ 150.00	\$3,156.00
16	11020 1.08 A	MOBILIZATION	LS	1.00	1.00		1.00	\$ 15,360.00	\$15,360.00
17	EST. REF. NOTES	VERTICAL DELINEATOR POST AND BASE, 3 FT, WHITE	EA	325.00	363.00		363.00	\$ 45.00	\$16,335.00
18	EST. REF. NOTES	TYPE 'A' SIGN, SHEET ALUMINUM	SF	103.00	0.00		0.00	\$ 12.00	\$0.00
19	EST. REF. NOTES	PERFORATED STEEL SQUARE TUBING POST, 12-GUAGE, 2 IN. x 2 IN.	LF	202.00	0.00		0.00	\$ 4.00	\$0.00
20	EST. REF. NOTES	BITUMINOUS FOG SEAL	SY	16800.00	16800.00		16800.00	\$ 2.75	\$46,200.00
21	EST. REF. NOTES	SECONDARY ELECTRICAL SERVICE CONNECTION	LS	1.00	1.00		1.00	\$ 3,100.00	\$3,100.00
1.01	CO1	E 18TH ST AND E GRAND AVE SIGNAL REPAIRS	LS	0.00	1.00		1.00	\$ 14,900.00	\$14,900.00
2.01	CO2	RELOCATE VERTICAL DELINEATOR POST AND BASE	EA	0.00	121.00		121.00	\$ 16.50	\$1,996.50
3.01	CO3	E LOCUST ST AND E 7TH ST SIGNAL POLE FINISHING	LS	0.00	1.00		1.00	\$ 1,200.00	\$1,200.00
3.02	CO3	INGERSOLL AVE AND MLK JR PKWY SIGNAL IMPROVEMENTS	LS	0.00	1.00		1.00	\$ 7,760.00	\$7,760.00
3.03	CO3	E GRAND AVE AND PENN AVE SIGNAL IMPROVEMENTS	LS	0.00	1.00		1.00	\$ 2,960.00	\$2,960.00
4.01	CO4	DELINEATOR BOLT HOLE PAVEMENT REPAIRS	LS	0.00	1.00		1.00	\$ 844.14	\$844.14
ORIGINAL CONTRACT AMOUNT				\$341,662.69					
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS				\$407,121.63					
PARTIAL PAYMENT NO. 1				\$134,650.55					
PARTIAL PAYMENT NO. 2				\$9,488.68					
PARTIAL PAYMENT NO. 3				\$158,818.61					
PARTIAL PAYMENT NO. 4				\$60,182.93					
PARTIAL PAYMENT NO. 5				\$31,767.21					
THIS PARTIAL PAYMENT (PARTIAL PAYMENT NO. 6)				\$0.00					
TOTAL PARTIAL PAYMENTS				\$394,907.98					
BALANCE				\$12,213.65					

PREPARED BY: GDB  
CHECKED BY: Matthew Beck

TOTAL	\$407,121.63
RETAINAGE (3%)	\$12,213.65
TOTAL LESS RETAINAGE	\$394,907.98
LESS PREVIOUS PAYMENT	\$394,907.98
AMOUNT DUE	\$0.00

PARTIAL PAYMENT NO. 6 (FINAL PAYMENT)

82