

★ **Roll Call Number**

Agenda Item Number

10 C

DATE April 11, 2016

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR TRAFFIC OBSERVATION CAMERA AND DOWNTOWN CMS UPGRADES, BAKER ELECTRIC,
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 Traffic Observation Camera and Downtown CMS Upgrades, 04-2014-004, in accordance with the contract approved between Baker Electric, Inc., Britt Baker, CEO, 111 Jackson Avenue, Des Moines, IA 50315, under Roll Call No. 14-1408, of September 8, 2014, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

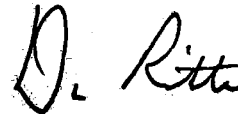
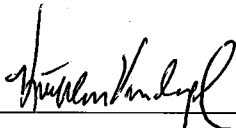
BE IT FURTHER RESOLVED: That \$225,247.27 is the total cost, of which \$218,489.85 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$6,757.42 is to be paid at the end of thirty days, with funds retained 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
Deputy City Attorney

Daniel E. Ritter
Des Moines Finance Director

AC Funding Source: 2016-2017 CIP, Page Street - 46, Traffic System Operation Improvements, TR097, Being: \$180,197.82 in Iowa Clean Air Attainment Program (ICAAP) funding (80% of eligible items with a max of \$200,000) under agreement STP-A-1945(805)--86-77; and the remaining local 20% matching funds of \$45,049.45 in G. O. Bonds

COUNCIL ACTION	YEAS	NAYS	Pass	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MOORE				
WESTERGAARD				
TOTAL				

CERTIFICATE

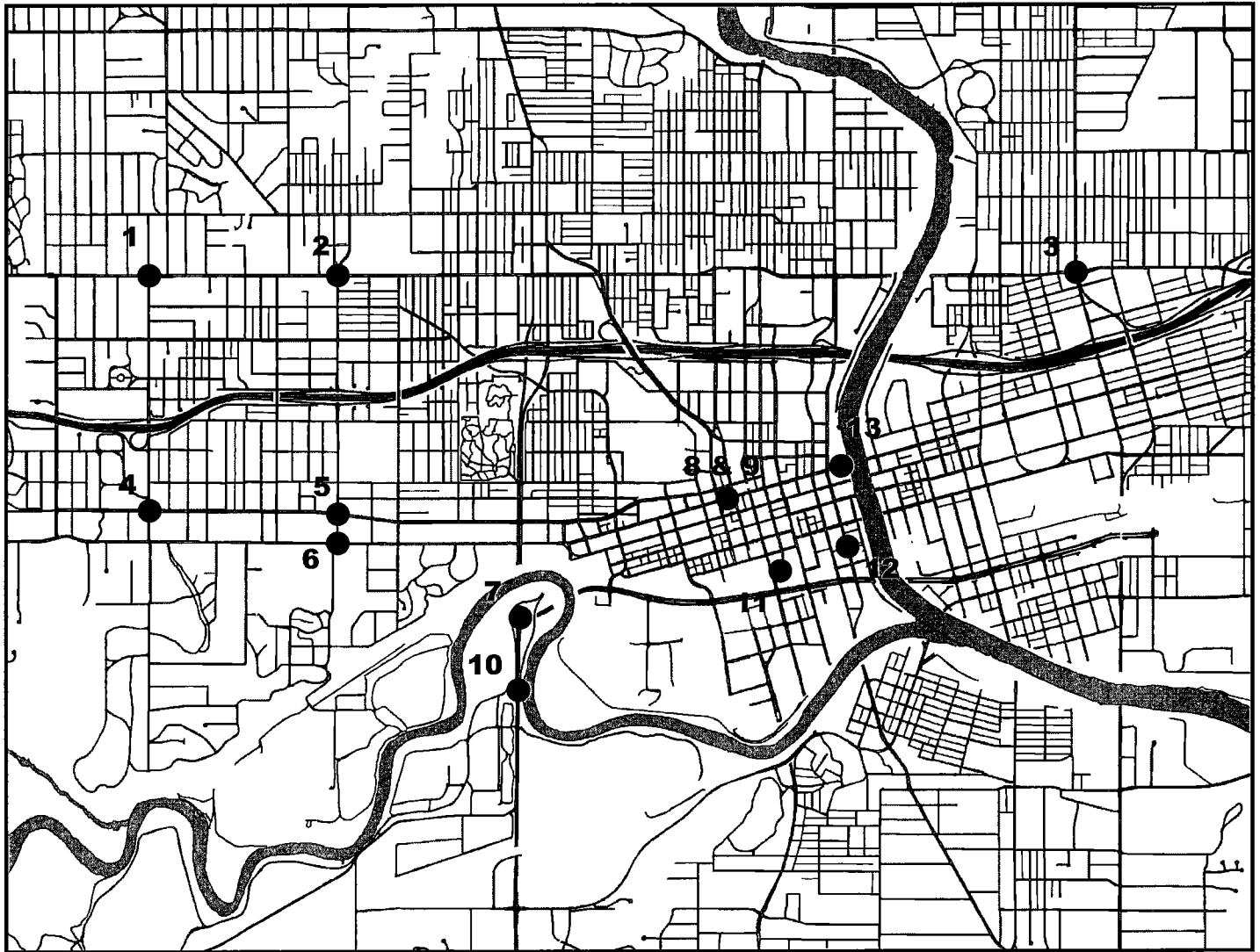
I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

MOTION CARRIED APPROVED

Mayor

City Clerk



(Camera Upgrades)

- 1. 42nd St. and University Ave.
- 2. 31st St. and University Ave.
- 3. E. 14th St. and University Ave.
- 4. 42nd St. and Ingersoll Ave.
- 5. 31st St. and Ingersoll Ave.
- 6. 31st St. and Grand Ave.
- 7. W. ML King Jr. Pkwy and Fleur Dr.
- 8. 801 Grand Ave. (North)
- 9. 801 Grand Ave. (South)

(CMS Panels)

- 10. Fleur Dr. - North of Grays Lake
- 11. 6th Ave. @ Vine
- 12. 2nd Ave. @ Vine
- 13. Grand Ave. - West of DSM River

Legend

● Project Location





PROJECT SUMMARY

Traffic Observation Camera and Downtown CMS Upgrades

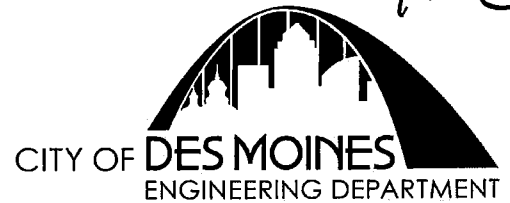
Activity ID 04-2014-004

On September 8, 2014, under Roll Call No. 14-1408, the Council awarded the contract for the above improvements to Baker Electric, Inc., in the amount of \$212,230.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	5/28/2015 Add camera relocation, computer server and cabling.	\$13,017.27
		Original Contract Amount	\$212,230.00
		Total Change Orders	\$13,017.27
		Percent of Change Orders to Original Contract	6.13%
		Total Contract Amount	\$225,247.27

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April 11, 2016



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Traffic Observation Camera and Downtown CMS Upgrades, Baker Electric, Inc.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$225,247.27 As-Built Contract Cost

Funding Source: 2016-2017 CIP, Page Street - 46, Traffic System Operation Improvements, TR097, Being: \$180,197.82 in Iowa Clean Air Attainment Program (ICAAP) funding (80% of eligible items with a max of \$200,000) under agreement STP-A-1945(805)--86-77; and the remaining local 20% matching funds of \$45,049.45 in G. O. Bonds

CERTIFICATION OF COMPLETION:

On September 8, 2014, under Roll Call No. 14-1408, the City Council awarded a contract to Baker Electric, Inc., Britt Baker, CEO, 111 Jackson Avenue, Des Moines, IA 50315 for the construction of the following improvement:

Traffic Observation Camera and Downtown CMS Upgrades, 04-2014-004

The improvement includes the removal and replacement of nine traffic observation cameras City-wide, and the installation of four Changeable Message Signs (CMS) on existing supports in the downtown area, and connecting the cameras and VMS into the City's Local Area Network primarily by using existing fiber; all in accordance with the contract documents, including Plan File Nos. 558-001/017 at thirteen locations located in the City of Des Moines, Iowa

I hereby certify that the construction of said Traffic Observation Camera and Downtown CMS Upgrades, Activity ID 04-2014-004, 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 October 23, 2014, and was completed on March 30, 2016.

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I further certify that \$225,247.27 is the total cost of said improvement, of which \$218,489.85 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 \$6,757.42 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.

Pamela S. Cooksey _{eo}

Pamela S. Cooksey, P.E.
Des Moines City Engineer

ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 6/12/2015 to 3/22/2016
FINAL PAYMENT



Proj No: STP-A-1945(805)--86-77
Activity ID: 04-2014-004
Date: 3/23/2016

PROJECT: TRAFFIC OBSERVATION CAMERA AND DOWNTOWN CMS UPGRADES
CONTRACTOR: BAKER ELECTRIC, INC.

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	Traffic Control	LS	1.000	1.000	1.000	\$955.00	\$955.00
2	Mobilization	LS	1.000	1.000	1.000	\$1,500.00	\$1,500.00
3	Closed Circuit Television (CCTV) Camera System	LS	1.000	1.000	1.000	\$134,275.00	\$134,275.00
4	Variable Message Sign (VMS) System	LS	1.000	1.000	1.000	\$75,500.00	\$75,500.00
5	Closed Circuit Television (CCTV) Computer Server	LS		1.000	1.000	\$9,977.27	\$9,977.27
6	12-Fiber SM Cable	LF		650.000	650.000	\$3.00	\$1,950.00
7	Closed Circuit Television (CCTV) Camera Relocation	LS		1.000	1.000	\$1,090.00	\$1,090.00
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$225,247.27				
PARTIAL PAYMENT No. 1			\$119,140.25				
PARTIAL PAYMENT No. 2			\$86,722.85				
PARTIAL PAYMENT No. 3			\$12,626.75				
THIS PARTIAL PAYMENT			\$0.00				
TOTAL PARTIAL PAYMENTS			\$218,489.85				
BALANCE			\$6,757.42				
			100%				

TOTAL	\$225,247.27
RETAINAGE	\$6,757.42
TOTAL LESS RETAINAGE	\$218,489.85
LESS PREVIOUS PAYMENT	\$218,489.85
AMOUNT DUE	\$0.00

PREPARED BY: *Mark Johnson*

CHECKED BY: *[Signature]*

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