 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: September 8, 2014
	Agenda Item No. 42 Roll Call No. <u>14-1407</u> Communication No. <u>14-442</u> Submitted by: Pamela S. Cooksey, P.E., Interim City Engineer

AGENDA HEADING:

Hearing on Traffic Observation Camera and Downtown Changeable Message Signs (CMS) Upgrades: Resolution approving plans, specifications, form of contract documents, engineer’s estimate, receive and file bids, and designating lowest responsible bidder as Baker Electric, Inc., Britt Baker, CEO, \$212,230.

SYNOPSIS:

This is a public hearing to allow for public input on the Traffic Observation Camera and Downtown CMS Upgrades and take the necessary actions as required by Iowa Code to authorize a contract for construction of the proposed project. This project includes the replacement of nine existing traffic observation cameras with new IP-addressable cameras that will allow staff to quickly monitor traffic conditions and make signal timing adjustments to assist traffic flow. The project also includes the installation of four new CMS in the downtown area. These signs will supplement the parking system electronic signing showing availability and assist motorists with directions to special events or avoiding construction in the downtown area.

FISCAL IMPACT:

Amount: \$212,230 Construction Contract (\$270,000 City Engineer's Estimate)

Funding Source: 2014-2015 Capital Improvement Program (CIP), Page Street - 41, Traffic Signal Interconnection, TR097, Being: \$169,784 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 \$42,446 in G. O. Bonds

ADDITIONAL INFORMATION:

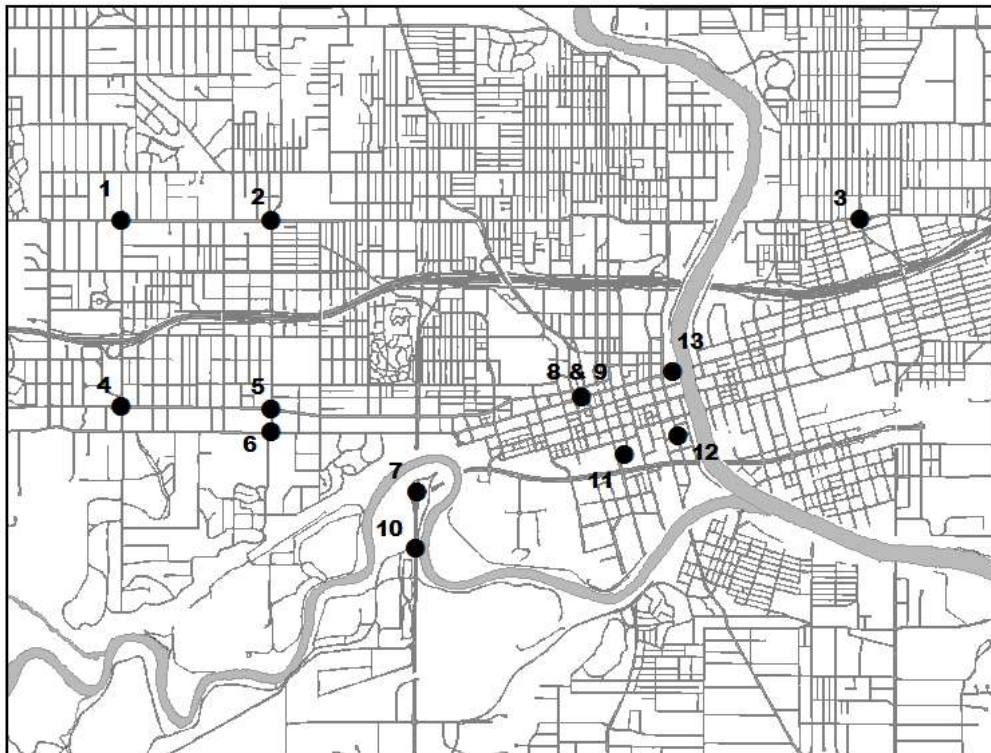
On August 11, 2014, under Roll Call No. 14-1203, the City Council received and filed plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Traffic Observation Camera and Downtown CMS Upgrades. Before the City Council can enter into a contract, it must hold a public hearing and approve the proposed plans, specifications, and form of contract documents and engineer's estimate for the construction of the 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 CMS’ on existing supports in the downtown area, and connecting the cameras and CMS’ 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 13 locations located in the City of Des Moines, Iowa.

Sealed bids for said improvement were submitted by the following bidders:

Baker Electric, Inc., Des Moines, IA
 K & W Electric, Inc., Cedar Falls, IA

The bids, in accordance with a previously approved Iowa Department of Transportation (IDOT) Agreement, were received and opened by IDOT on August 19, 2014.

The City Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Baker Electric, Inc. (Britt Baker, CEO, 111 Jackson Avenue, Des Moines, IA, 50315) in the amount of \$212,230, and said bid should be accepted. The Finance Director has determined that funds are available for said improvement as stated above.



(Camera Upgrades)

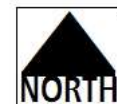
- 1. 42nd St. and University Ave.
- 2. 31st St. and University Ave.
- 3. E. 14th St. and University Ave.
- 4. 42nd St. and Ingersoll Ave.
- 5. 31st St. and Ingersoll Ave.
- 6. 31st St. and Grand Ave.
- 7. W. ML King Jr. Pkwy and Fleur Dr.
- 8. 801 Grand Ave. (North)
- 9. 801 Grand Ave. (South)

(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



PREVIOUS COUNCIL ACTION(S):

Date: August 11, 2014

Roll Call Number: [14-1203](#)

Action: Ordering construction of the following: (A) [Traffic](#) Observation Camera and Downtown CMS Upgrades: Receiving of bids, (8-19-14), Setting date of hearing, (9-8-14). (Construction Estimate, \$270,000). ([Council Communication No. 14-392](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: July 14, 2014

Roll Call Number: [14-1106](#)

Action: [To](#) reject all bids on Traffic Observation Camera and Downtown CMS upgrades. (No bids were received.) ([Council Communication No. 14-347](#)) Moved by Moore to adopt. Motion Carried 7-0.

Date: June 9, 2014

Roll Call Number: [14-0832](#)

Action: Ordering construction of the following: (A) [Traffic](#) Observation Camera and Downtown CMS Upgrades: Receiving of bids, (6-17-14), Setting date of hearing, (7-14-14). Construction estimate, \$270,000. ([Council Communication No. 14-270](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: March 10, 2014

Roll Call Number: [14-0370](#)

Action: [Approving](#) Iowa Department of Transportation (IDOT) Agreement for Traffic Observation Camera and Downtown CMS Upgrades. ([Council Communication No. 14-093](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: August 8, 2011

Roll Call Number: [11-1352](#)

Action: [Approving](#) submittal of Iowa Clean Air Attainment Program (ICAAP) Fund Application to Iowa Department of Transportation (IDOT) for the following: ([Council Communication No. 11-508](#)) Moved by Mahaffey to adopt. Motion Carried 7-0.

- (A) Traffic Observation Camera System and Downtown Wayfinding CMS System Upgrade, \$270,000.
- (B) Downtown Bicycle Plan Implementation – Phase 1, \$330,000

BOARD/COMMISSION ACTION(S): NONE

Anticipated Actions and Future Commitments:

Partial payments to the contractor and final acceptance of work.

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