 <p style="text-align: center;"><b>Council Communication</b> Office of the City Manager</p>	<b>Date:</b>	June 9, 2014
	<b>Agenda Item No.</b>	7A
	<b>Roll Call No.</b>	<u>14-0832</u>
	<b>Communication No.</b>	<u>14-270</u>
	<b>Submitted by:</b>	<b>Jeb E. Brewer, P.E., City Engineer</b>

**AGENDA HEADING:**

Ordering construction of the following: Traffic Observation Camera and Downtown CMS Upgrades - Receiving bids, (6-17-14), and Setting date of hearing, (7-14-14). Construction Estimate - \$270,000.

**SYNOPSIS:**

Recommend the City Council proceed with construction of the improvement and set dates to receive bids and hold a public hearing, as required by Iowa Code, utilizing the method of financing referenced below. This project includes the replacement of nine (9) 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 (4) new Changeable Message Signs (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:**

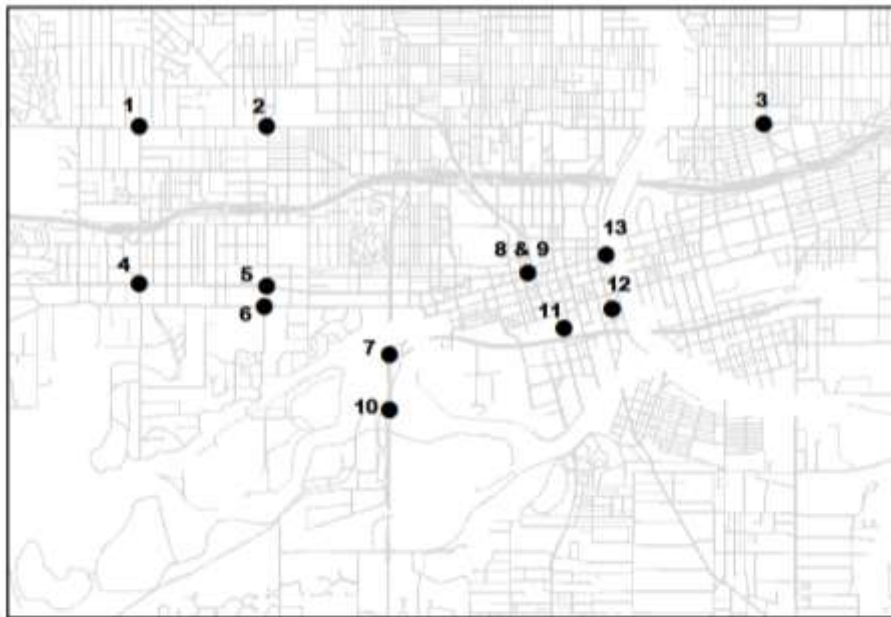
Amount: \$270,000 City Engineer's Estimate

Funding Source: 2014-2015 CIP, Page Street - 41, Traffic Signal Interconnection, TR097, Various Funding, Being: \$200,000 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 \$70,000 in G. O. Bonds.

**ADDITIONAL INFORMATION:**

The Engineering Department has prepared plans, specifications, form of contract documents, and City 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 (9) traffic observation cameras City-wide, and the installation of four (4) CMS's 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 thirteen locations located in the City of Des Moines, Iowa.

The estimated construction cost is \$270,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.



(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. E. Grand Ave. - West of DSM River



**PREVIOUS COUNCIL ACTION(S):**

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:**

Anticipated actions include public hearing, receive and file bids, designate lowest bidder, and approve contract and bond; also partial payments to the contractor and final acceptance of work.

For more information on this and other agenda items, please call the City Clerk's Office at 515-283-4209 or visit the Clerk's Office on the first floor of City Hall, 400 Robert D. Ray Drive. Council agendas are available to the public at the City Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to [cityclerk@dmgov.org](mailto:cityclerk@dmgov.org).