


## COUNCIL COMMUNICATION

 CITY OF DES MOINES OFFICE OF THE CITY MANAGER	Number:	<b>22-261</b>	Meeting:	<b>June 13, 2022</b>
	Agenda Item:	<b>7</b>	Roll Call:	<b>22-855</b>
	Submitted by:	<b>Steven L. Naber, P.E., City Engineer</b>		

### AGENDA HEADING:

Approving and authorizing the execution of the Iowa Department of Transportation (IDOT) Agreement for the Traffic Signal System Timing Update – Phase 5.

### SYNOPSIS:

Recommend approval of IDOT Agreement No. 2022-ICAAP-03 for Iowa's Clean Air Attainment Program (ICAAP) Federal-aid Swap funding between the City of Des Moines and IDOT for the Traffic Signal System Timing Update – Phase 5.

### FISCAL IMPACT:

Amount: Estimated \$290,000. ICAAP Funds in the amount of \$232,000 are being requested for this project.

Funding Source: Various funding being:

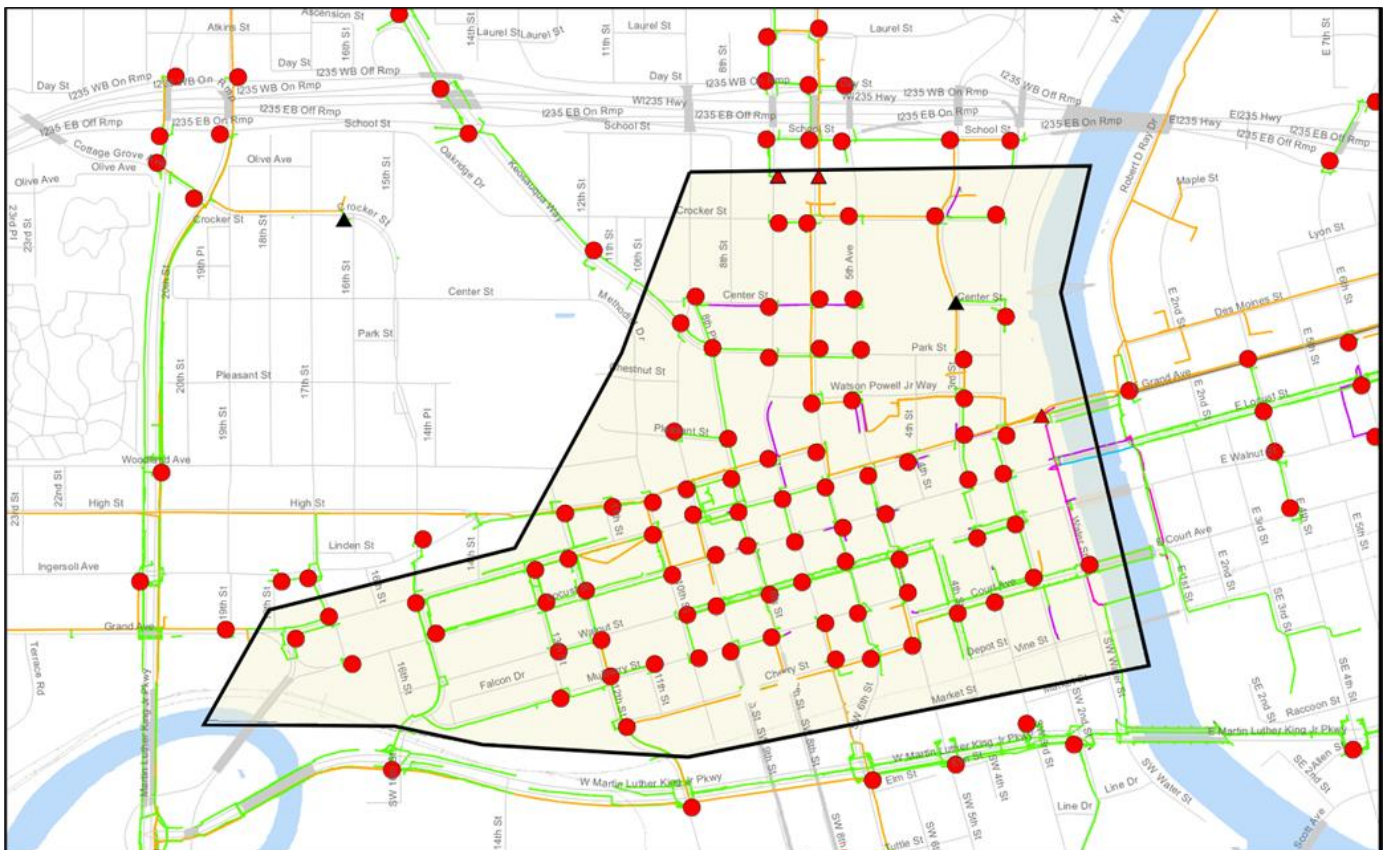
- \$232,000 – Iowa's Clean Air Attainment Program (ICAAP) Federal-aid Swap funds
- \$58,000 – 2022-23 CIP, Page Street Improvements - 174, Traffic System Operation Improvements, TR097, G.O. Bonds

### ADDITIONAL INFORMATION:

- The Federal Highway Administration (FHWA) established a Congestion Mitigation and Air Quality Improvement (CMAQ) program that directs Federal transportation funds for projects to reduce congestion and pollution. The IDOT has established an ICAAP, including guidelines on how to prioritize the disbursement of these funds, which are approximately \$4 million annually statewide. The program is implemented through a statewide competitive application procedure that evaluates each proposed project based on reducing congestion and pollution, and thereby maintaining the clean air quality that Iowa now enjoys.
- The types of projects that are eligible for this funding include traffic flow improvements, shared-ride services, transit improvements, and pedestrian and bicycle programs.
- The Traffic Signal Timing Update – Phase 5 project will be the fifth and final phase of a multi-phase effort to review and update the signal timing and phasing of the traffic signal systems in the City of Des Moines. The goal of the project is to increase efficiency of the traffic signal

systems resulting in decreased travel times, reductions in traffic congestion, and ultimately the reduction of vehicle emissions. The project will also consider signal timing and phasing for pedestrian and bicycle traffic in support of the City's efforts to provide a more walkable and bikeable transportation network. The estimated project cost is \$290,000, with \$232,000 being ICAAP funding.

- On October 4, 2021, by Roll Call No. 21-1458, City Council authorized the submittal of ICAAP Funding Application to the IDOT. The City was awarded \$232,000 for the Traffic Signal System Timing Update – Phase 5 project. The remaining \$58,000 cost of the project will be funded by G.O. bonds.
- Phase 5 consists primarily of signals within the downtown area and nearby adjacent traffic signals.
- The map below shows the bounds of the Traffic Signal Timing Update – Phase 5 project.



### PREVIOUS COUNCIL ACTION(S):

Date: October 4, 2021

Roll Call Number: [21-1458](#)

Action: [Ratifying and Approving](#) submission of the Iowa Clean Air Attainment Program (ICAAP) Funding Application to the Iowa Department of Transportation (IDOT) for the Traffic Signal System Timing Update – Phase 5. ([Council Communication No. 21-423](#)) Moved by Gatto to adopt. Motion Carried 7-0.

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Anticipated action includes approving professional services agreement for design services.

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).