


# COUNCIL COMMUNICATION

	Number:	<b>21-327</b>	Meeting:	<b>July 19, 2021</b>
	Agenda Item:	<b>7</b>	Roll Call:	<b>21-1086</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 4.

## SYNOPSIS:

Recommend approval of IDOT agreement No. 2021-ICAAP-SWAP-03 between the City of Des Moines and IDOT for the Traffic Signal System Timing Update – Phase 4.

## FISCAL IMPACT:

Amount: \$275,000

Funding Source: Various funding being:

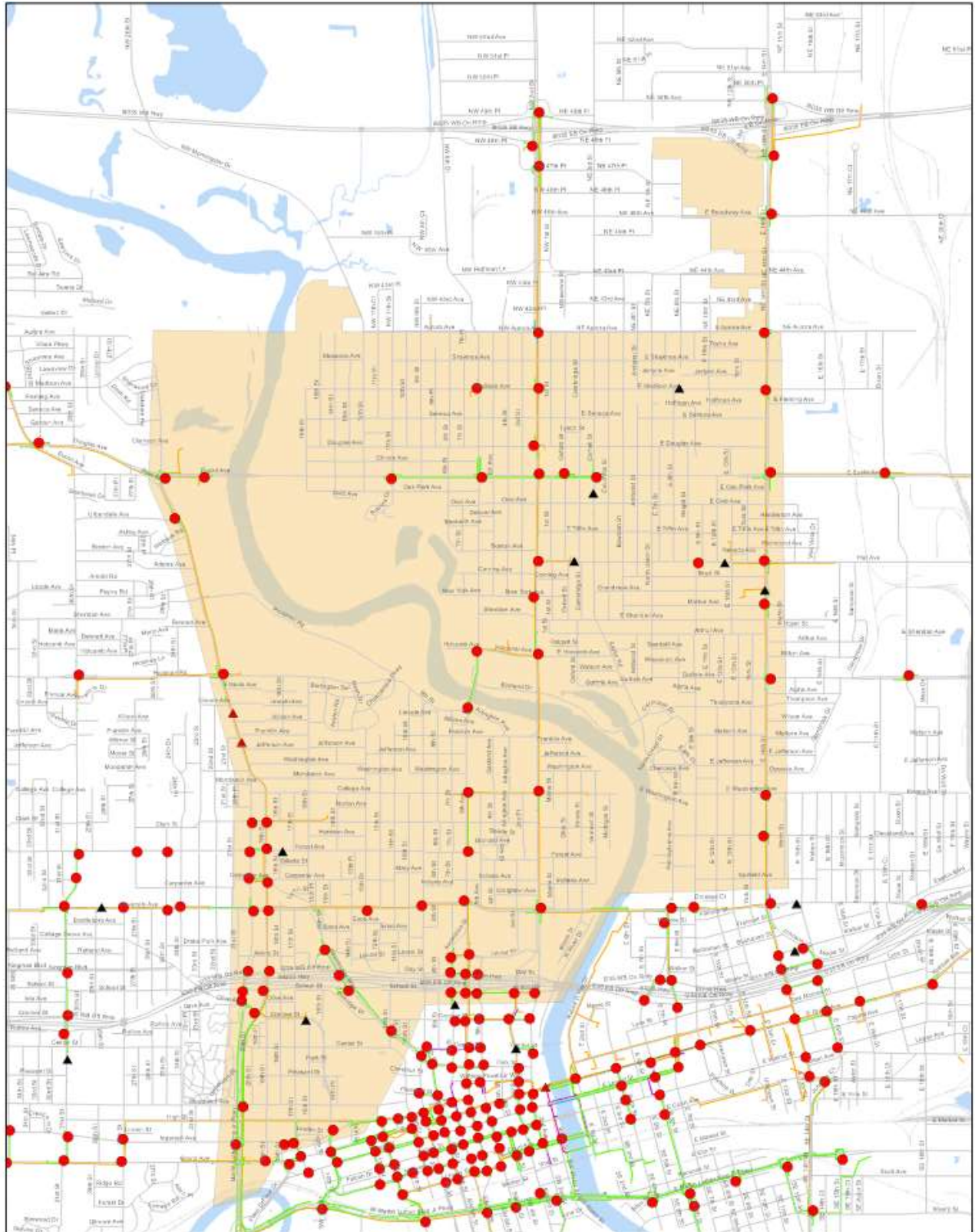
- \$220,000 – Iowa’s Clean Air Attainment Program (ICAAP) federal-aid Swap Funds
- \$55,000 – 2021-2022 CIP, Page 164, Traffic System Operation Improvements, TR097, G.O. Bonds

## 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 4 project will be the fourth phase of a multi-phase effort to review and update the signal timing and phasing of the traffic signal systems in 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, reduction in idle traffic, 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 highlighted portion of the map below shows the bounds of the Traffic Signal Timing Update – Phase 4 project.



- On October 5, 2020, by Roll Call No. 20-1551, City Council authorized the submittal of ICAAP funding application to the IDOT. The City was awarded \$220,000 for the Traffic Signal System Timing Update – Phase 4 project. The remaining \$55,000 cost of the project will be funded by G.O. bonds.

**PREVIOUS COUNCIL ACTION(S):**

Date: October 5, 2020

Roll Call Number: [20-1551](#)

Action: [Approving](#) the Iowa Clean Air Attainment Program (ICAAP) Funding Application to the Iowa Department of Transportation (IDOT) for the Traffic Signal System Timing Update – Phase 4. ([Council Communication No. 20-440](#)) Moved by Gatto to adopt. Motion Carried 7-0.

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

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Anticipated actions include approving professional services agreement for design services, ordering construction, 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).