


COUNCIL COMMUNICATION

	Number: 20-440	Meeting: October 5, 2020
	Agenda Item: 6	Roll Call: 20-1551
	Submitted by: Steven L. Naber, P.E., City Engineer	

AGENDA HEADING:

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 4.

SYNOPSIS:

Recommend ratification and approval of an application to the IDOT for ICAAP funding for the Traffic Signal System Timing Update – Phase 4. The goal of ICAAP is to reduce congestion and thereby improve air quality.

FISCAL IMPACT:

Amount: Estimated \$275,000. ICAAP Funds in the amount of \$220,000 are being requested for this project.

Funding Source:

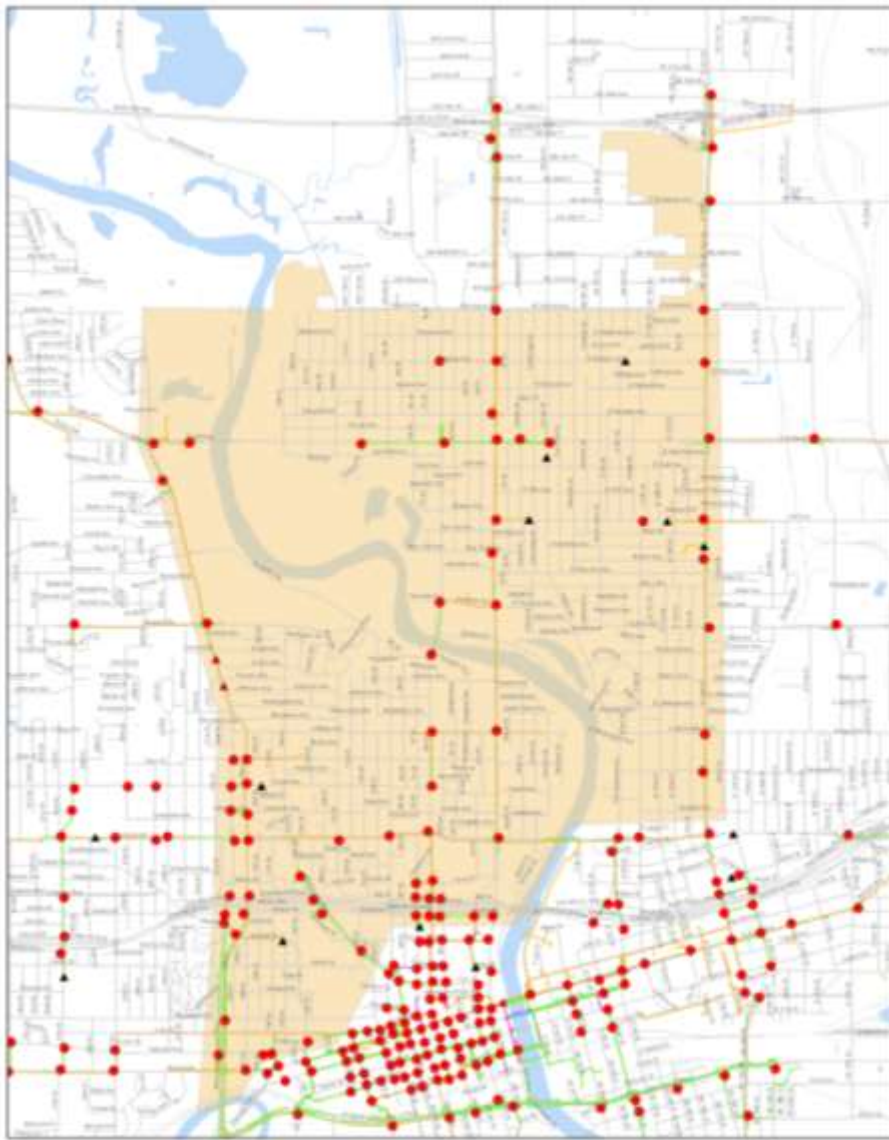
- \$220,000 – ICAAP Fund Request.
- \$55,000 (remaining amount pending funding awarded) – 2020-2021 CIP, Page Street Improvements – 54, Traffic System Operation Improvements, C038EG99 TR097.

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, pedestrian and bicycle programs, and others.
- The IDOT requires a resolution from the Des Moines Area Metropolitan Planning Organization (MPO) that the funding application conforms to the MPO's long range transportation plan and

congestion management process. City Staff submitted a pre-application to the MPO on July 28, 2020 and received a signed resolution and approval from the MPO to submit the application for this project on September 20, 2020. The deadline for this year's project funding applications was October 1, 2020. Because there was no Council meeting between receiving the resolution and the application deadline, City staff submitted the application with the understanding that the IDOT will accept the signed roll call after it is approved with this Council action.

- 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, 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 \$275,000, with \$220,000 of ICAAP funding being requested.
- The map below shows the bounds of the Traffic Signal Timing Update – Phase 4 project.



PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Approval of project agreement with the IDOT.

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