

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	November 7, 2016
	Agenda Item No.	8
	Roll Call No.	<u>16-1888</u>
	Communication No.	<u>16-638</u>
	Submitted by:	Pamela S. Cooksey, P.E., City Engineer

AGENDA HEADING:

Authorize the City Manager to submit an Iowa Clean Air Attainment Program (ICAAP) funding application to the Des Moines Area Metropolitan Planning Organization (MPO) for Iowa Department of Transportation (IDOT) funding of Traffic Signal System Timing Updates – Phase 2.

SYNOPSIS:

Recommend approval to submit a funding application to the MPO for IDOT funding of Traffic Signal System Timings Update – Phase 2. The goal of the ICAAP is to reduce congestion and thereby improve air quality.

FISCAL IMPACT:

Amount: \$170,000 – ICAAP funds in the amount of \$136,000 are requested for this project. The remaining \$34,000 to be Capital Improvement Program (CIP) funding.

Funding Source: 2016-2017 CIP, Page Street-46, Traffic System Operation Improvements, 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, and pedestrian and bicycle programs.
- The deadline for this year’s project funding applications is December 1, 2016, submitted through the MPO to the IDOT. Staff recommends that the City Council authorize the City Manager to submit a funding application through the MPO to the IDOT for ICAAP funds for the following project:

Traffic Signal System Timings Update – Phase 2:

This project will be the second 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 \$170,000, with \$136,000 of ICAAP funding being requested.

- The 2015 ICAAP application for Phase 1 was approved by the IDOT for funding.

PREVIOUS COUNCIL ACTION(S):

Date: September 28, 2015

Roll Call Number: [15-1590](#)

Action: [Authorize](#) the City Manager to submit an Iowa Clean Air Attainment Program (ICAAP) funding application to the Des Moines Area Metropolitan Planning Organization (DMAMPO) for Iowa Department of Transportation (IDOT) funding of Traffic Signal System Timings Update-Phase 1. ([Council Communication No. 15-507](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Approval of the project agreement with the IDOT.

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