

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	September 28, 2015
	Agenda Item No.	7
	Roll Call No.	<u>15-1590</u>
	Communication No.	<u>15-507</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 (DMAMPO) for Iowa Department of Transportation (IDOT) funding of Traffic Signal System Timing Updates – Phase 1.

SYNOPSIS:

Recommend approval to submit a funding application to the DMAMPO for IDOT funding of Traffic Signal System Timing Updates – Phase 1. The goal of the ICAAP is to reduce congestion and thereby improve air quality.

FISCAL IMPACT:

Amount: \$175,000 – ICAAP funds in the amount of \$140,000 are requested for this project. The remaining \$35,000 to be Capital Improvement Program (CIP) funding.

Funding Source: 2015-2016 CIP, Page Street-45, Traffic Signal Interconnection, 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 deadline for this year’s project funding applications is October 1, 2015 submitted through the Des Moines 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 1:

This project will be the first 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 \$175,000, with \$140,000 of ICAAP funding being requested.

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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