


COUNCIL COMMUNICATION

 CITY OF DES MOINES OFFICE OF THE CITY MANAGER	Number:	22-523	Meeting:	November 21, 2022
	Agenda Item:	12	Roll Call:	22-1782
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Approving Professional Services Agreement (PSA) with Olsson, Inc. for Traffic Engineering Services for the Traffic Signal System Timing Updates – Phase 5, for an amount not to exceed \$334,958.23.

SYNOPSIS:

Recommend approval of the PSA with Olsson, Inc. (Ryan Beckman, President, 601 P Street, Suite 200, Lincoln, Nebraska 68508), for a total cost not to exceed \$334,958.23, based on hourly rates, to provide traffic engineering services for Traffic Signal System Timing Updates – Phase 5. The project is the fifth and final phase of a multiphase project to update signal timing and phasing for all of the traffic signals in Des Moines.

FISCAL IMPACT:

Amount: \$334,958.23

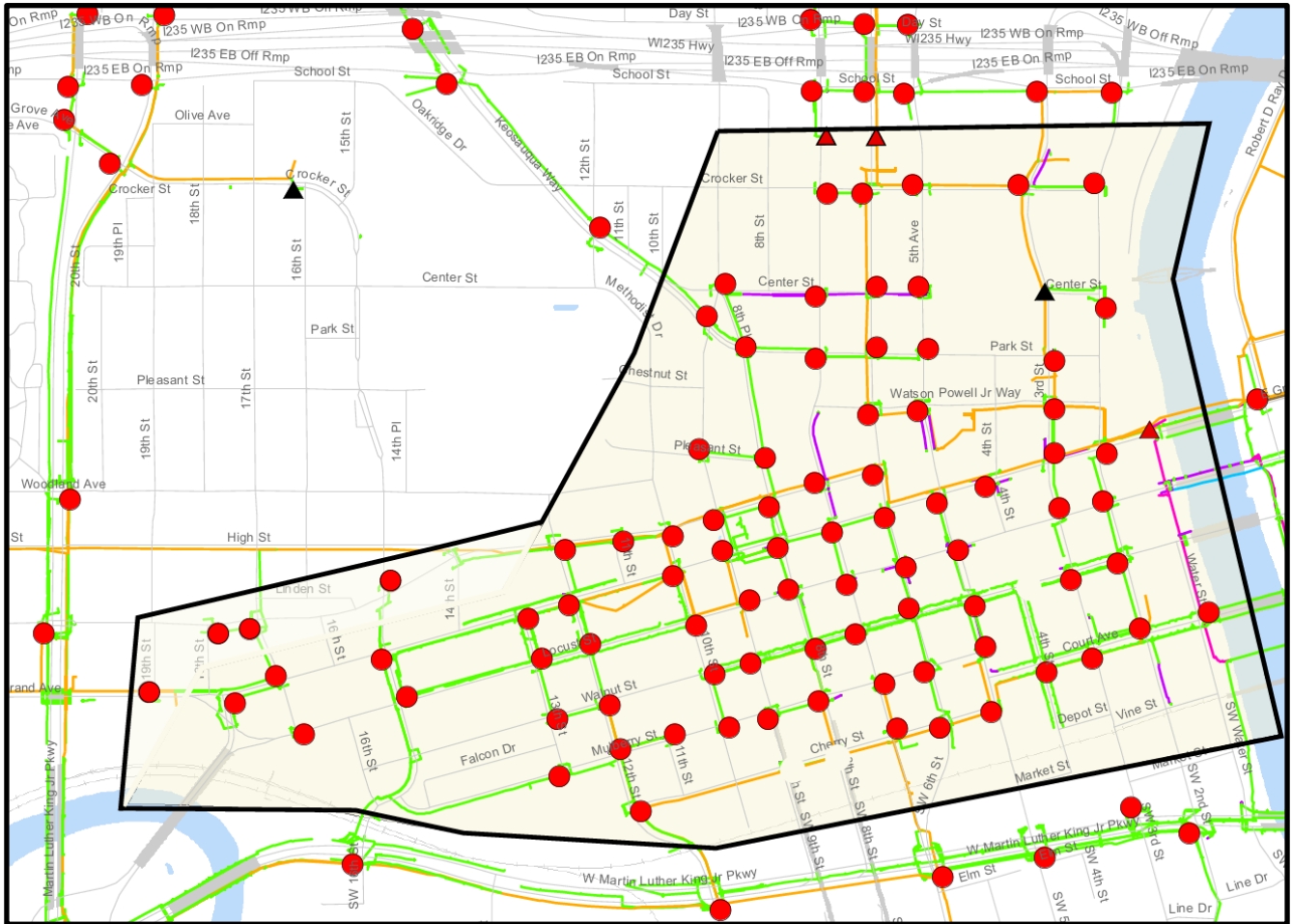
Funding Source: 2022-2023 CIP, Page Streets – 174, Traffic System Operation Improvements, TR097, being: \$232,000 – Iowa Department of Transportation (IDOT) Iowa Clean Air Attainment Program (ICAAP) grant funds (secured) and \$102,958.23 in G.O. Bonds.

ADDITIONAL INFORMATION:

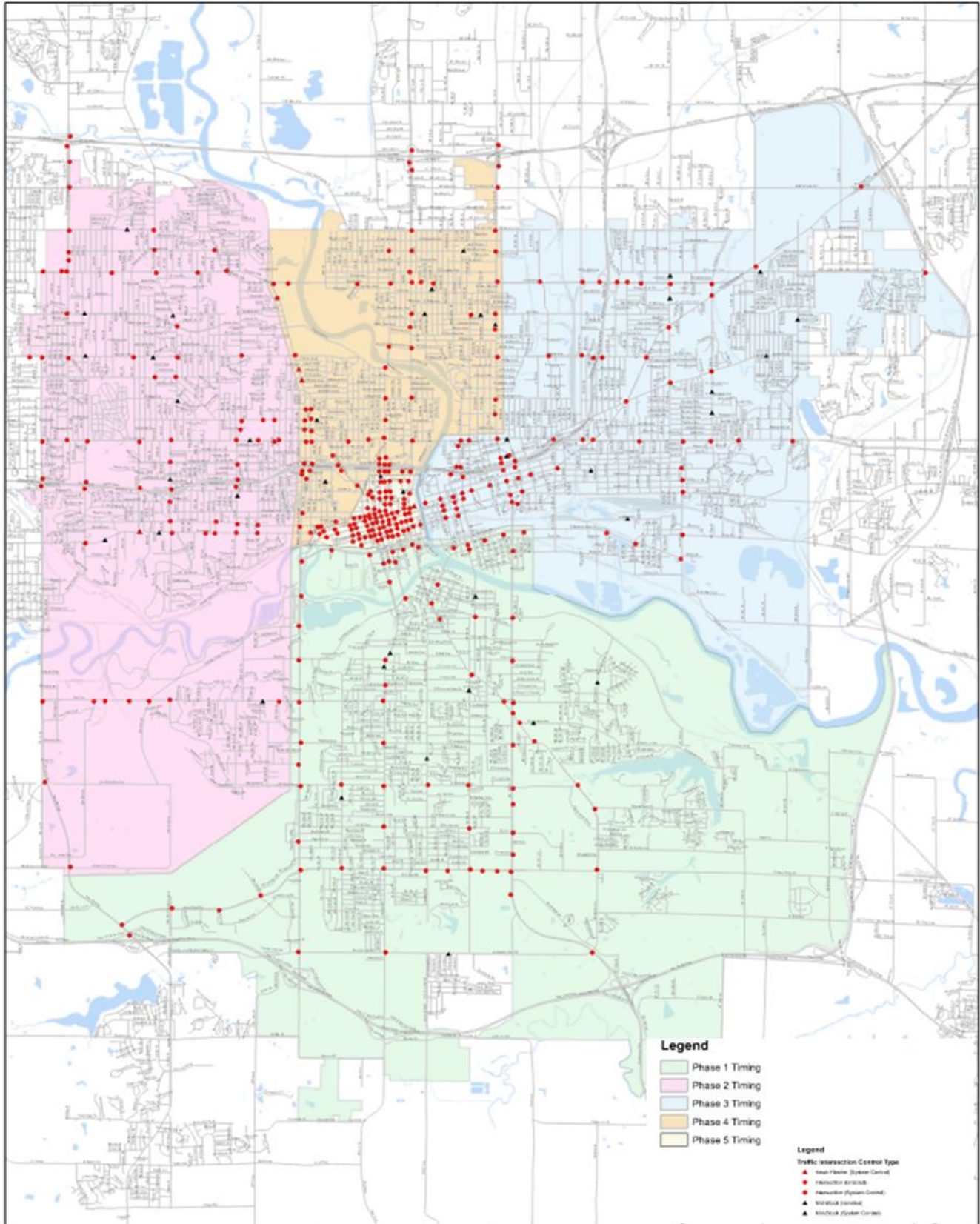
- This project will be the fifth and final phase of a multi-phase effort to review and update the signal timing and phasing for all the City’s traffic signals. The goal of the project is to increase efficiency of the traffic signal systems resulting in decreased travel times, reductions in traffic congestion, 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 overall purpose of this project is to prepare optimized traffic signal timings and phasing plans for traffic signals in the downtown area including 85 traffic signals, four (4) signalized pedestrian crossings and the following 12 study corridors in Phase 5:
 - Grand Avenue – 2nd Avenue to 18th Street
 - Locust Street – 18th Street to 2nd Avenue

- 2nd Avenue – Court Avenue to Interstate 235
- 3rd Street – Interstate 235 to Court Avenue
- 5th Avenue – Interstate 235 to Cherry Street
- 6th Street – Cherry Street to Interstate 235
- 7th Street – Interstate 235 to Cherry Street
- 8th Street – Mulberry Street to Center Street
- 9th Street – Keosauqua Way to Mulberry Street

• The map below shows the boundary of this Phase 5 project:



- The five (5) phases of the Traffic Signal System Timing Updates project are shown on the map below:



- The City Engineer recommends that good cause exists to exempt the procurement of these professional services from the Engineering Department's Request for Proposal (RFP) process, including advertisement, for project design and schedule efficiencies. Olsson, Inc. is qualified to perform the professional services and was selected to complete the Traffic Signal Timing Updates – Phase 5 Services based on:
 - The consultant completed Phases 1-3 of the Traffic Signal Timing Updates.
 - The consultant is currently under contract to complete Phase 4 of the Traffic Signal Timing Updates.
 - The consultant's familiarity with the City.
 - The consultant's experience with traffic signal timing services.
- City staff has negotiated a Professional Services Agreement (PSA) with Olsson, Inc. for a total cost not to exceed \$334,958.23, based on hourly rates, to provide traffic engineering services.
- Due to this project being funded primarily by IDOT ICAAP grant funds, the IDOT Standard Consultant Contract document and associated terms and conditions will be used for this project in lieu of the City's standard PSA document.

PREVIOUS COUNCIL ACTION(S):

Date: June 13, 2022

Roll Call Number: [22-0855](#)

Action: [Approving](#) and authorizing the execution of the Iowa Department of Transportation (IDOT) Agreement for the Traffic Signal System Timing Update – Phase 5. ([Council Communication No. 22-261](#)) Moved by Gatto to adopt. Second by Voss. Motion Carried 6-1. Absent: Sheumaker.

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

City staff does not anticipate any future Council actions on this PSA at this time; however, unanticipated changes to this PSA would require a Supplemental Agreement, which may require Council action.

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.