


COUNCIL COMMUNICATION

	Number: 20-300	Meeting: July 13, 2020
	Agenda Item: 8	Roll Call: [_____]
	Submitted by: Steven L. Naber, P.E., City Engineer	

AGENDA HEADING:

Approving Professional Services Agreement (PSA) with Olsson Associates, Inc. for traffic engineering services for the Traffic Signal Timing Updates Phase 2, not to exceed \$241,597.12.

SYNOPSIS:

Recommend approval of the PSA with Olsson Associates, Inc., (Ryan Beckman, President, 601 P Street, Suite 200, Lincoln, Nebraska 68508) for a total cost not to exceed \$241,597.12, based on hourly rates, to provide traffic engineering services for Traffic Signal Timing Updates Phase 2. The project is the second phase of a multiphase project to update signal timing and phasing for all the traffic signals in Des Moines.

FISCAL IMPACT:

Amount: \$136,000 – Iowa Department of Transportation (IDOT) Iowa Clean Air Attainment Program (ICAAP) grant funds (secured); \$105,597.12 – Capital Improvement Program (CIP) funding.

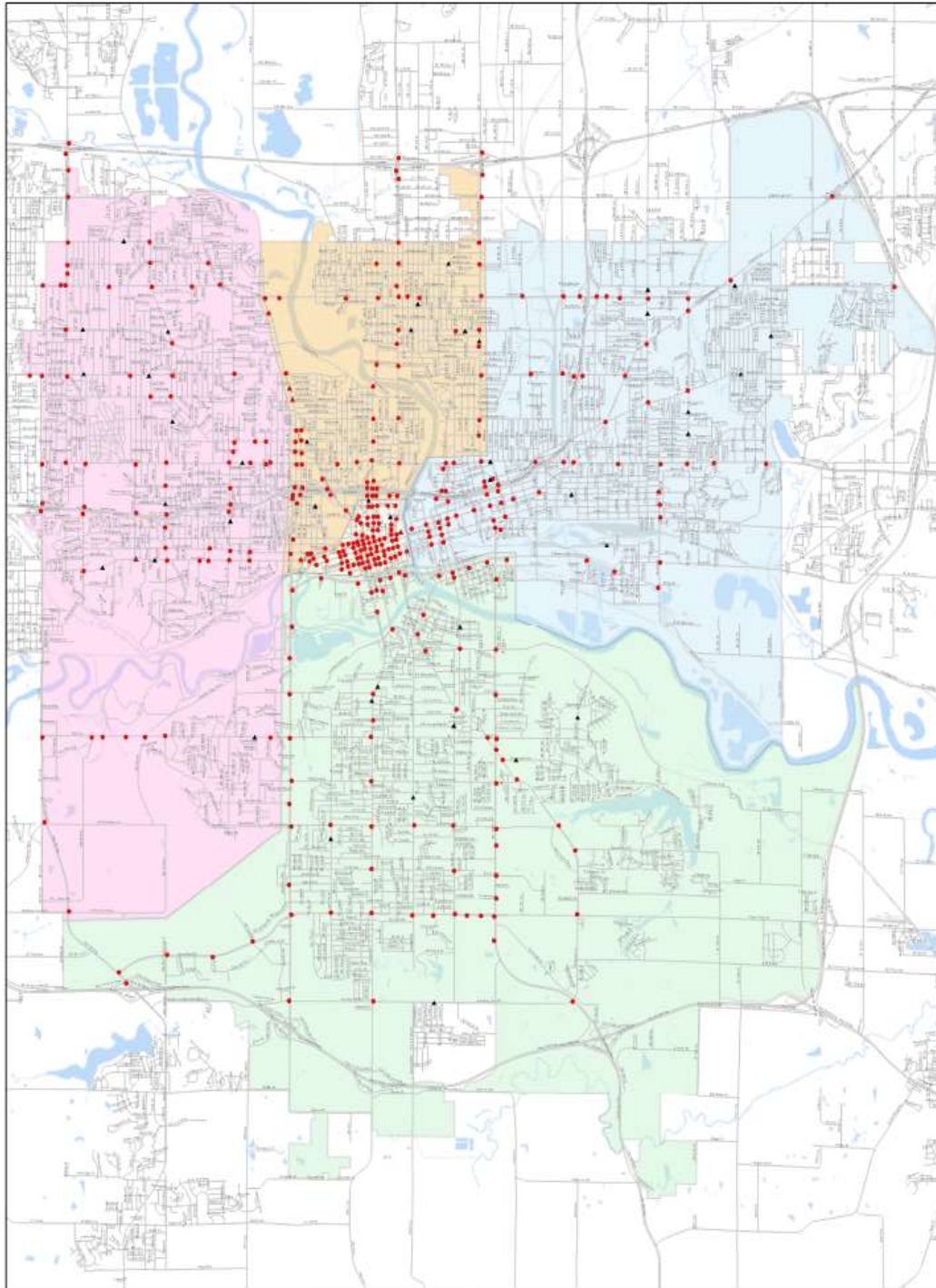
Funding Source: 2020-2021 CIP, Page Streets-54, Traffic System Operation Improvements, TR097

ADDITIONAL INFORMATION:

- This project will be the second phase of a multiphase 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.
- This is the second of five (5) phases expected to improve the progression of traffic in the City of Des Moines. This second phase will update signal timing along on the following corridors:
 - Merle Hay Road (University Avenue to Interstate 80/35)
 - 42nd Street (Grand Avenue to University Avenue)
 - Douglas Avenue (63rd Street to Martin Luther King Jr Parkway)
 - Hickman Road (63rd Street to Martin Luther King Jr Parkway)
 - University Avenue (63rd Street to Martin Luther King Jr Parkway)
 - Grand Avenue (63rd Street to 28th Street)

- Ingersoll Avenue (42nd Street to Martin Luther King Jr Parkway)
- Park Avenue (63rd Street to Fleur Drive)
- Additional traffic signals as shown in the map below

- Future phases of the updated signal timings are shown on the map below:



Legend

- Phase 1 Timing
- Phase 2 Timing
- Phase 3 Timing
- Phase 4 Timing
- Phase 5 Timing

Legend

- Traffic Intersection Control Type
- ▲ Roundabout System Control
 - Intersecting Street Control
 - Intersection System Control
 - ▲ Roundabout System Control
 - ▲ Roundabout System Control



- A Request for Proposals (RFP) for professional services for the Traffic Signal Timing Updates Phase 2 was issued, posted on the City's website, and printed in the newspaper. A selection committee of Engineering staff reviewed and rated the 10 proposals received in response to the RFP. Olsson Associates, Inc. was selected based on the selection criteria in the RFP.
- City staff has negotiated a PSA with Olsson Associates, Inc. for a total cost not to exceed \$241,597.12, based on hourly rates, to provide traffic engineering services.

PREVIOUS COUNCIL ACTION(S):

Date: May 20, 2019

Roll Call Number: [19-0780](#)

Action: [Approving](#) and authorizing the execution of the Iowa Department of Transportation (IDOT) Agreements for the Traffic Signal System Timings Update – Phase II and Phase III. ([Council Communication No. 19-226](#)) Moved by Gatto to adopt. Motion Carried 7-0.

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.