


## COUNCIL COMMUNICATION

	Number:	<b>21-468</b>	Meeting:	<b>November 1, 2021</b>
	Agenda Item:	<b>7</b>	Roll Call:	<b>21-1641</b>
	Submitted by:	<b>Steven L. Naber, P.E., City Engineer</b>		

### AGENDA HEADING:

Approving Professional Services Agreement (PSA) with JEO Consulting Group, Inc. (JEO) for professional services for the E Army Post Road – SE 14th Street to US Highway 65 Corridor Study, for an amount not to exceed \$90,000.

### SYNOPSIS:

Approving the PSA with JEO for a total cost not to exceed \$90,000 based on hourly billing rates, to prepare a traffic engineering study of E Army Post Road from SE 14th Street to US Highway 65 to identify and recommend long-term and short-term roadway improvements to address safety concerns and anticipated traffic growth based on expected adjacent land development.

### FISCAL IMPACT:

Amount: \$90,000

Funding Source: 2021-2022 Capital Improvement Program, Page Street Improvements-154, Traffic Safety Study E Army Post SE 14th to SE 36th, STx16

### ADDITIONAL INFORMATION:

- A traffic engineering study completed in 2019 for the intersection of E Army Post Road at SE 36th Street showed a history of severe crashes on E Army Post Road from Indianola Avenue to SE 45th Street. Current Iowa Department of Transportation (IDOT) crash data identifies three (3) fatal crashes and three (3) major injury crashes along this roadway segment since 2009. The three (3) fatal crashes equate to a fatal crash rate of 3.6 crashes per hundred million vehicle-miles traveled (HMVMT), which is higher than the statewide average crash rate for similar corridors of 0.91 fatal crashes per HMVMT.
- The Des Moines Area Metropolitan Planning Organization (DMAMPO) traffic volume forecasts indicate a steady growth of traffic volumes is expected along the corridor through the forecast year of 2050. Discussion with the DMAMPO indicated that this increase in growth is tied to employment-based development south of the E Army Post Road corridor, as well as continued residential development in the area.

- This corridor study will identify and recommend long-term and short-term roadway improvements to address safety concerns and anticipated traffic growth based on expected adjacent land development. The study will also address multimodal considerations along the corridor. Recommendations from the data collection and analysis will include conceptual design of corridor and intersection improvements, prioritized infrastructure improvement projects, and estimated probable costs.
- A Request for Proposals (RFP) for professional services for the E Army Post Road – SE 14th Street to US Highway 65 Corridor Study was issued and posted on the City’s website. A selection committee of Engineering Department Staff reviewed and rated the five (5) proposals received in response to the RFP. JEO was selected based upon the selection criteria in the RFP and their thorough project approach, understanding, and related project experience.
- City staff has negotiated a PSA with JEO for a total cost not to exceed \$90,000, based on hourly rates, to prepare a traffic engineering study of E Army Post Road from SE 14th Street to US Highway 65 to identify and recommend long-term and short-term roadway improvements to address safety concerns and anticipated traffic growth based on expected adjacent land development.

**PREVIOUS COUNCIL ACTION(S): NONE**

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Funding of future improvements needed to the E Army Post Road corridor based on the results and recommendations of the study.

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](mailto:cityclerk@dmgov.org).