


COUNCIL COMMUNICATION

	Number:	20-202	Meeting:	May 4, 2020
	Agenda Item:	8	Roll Call:	20-733
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Approving Professional Services Agreement (PSA) with Felsburg Holt & Ullevig, Inc. for professional services for Southwest Infrastructure and Planning Study, for an amount not to exceed \$322,811.

SYNOPSIS:

Approving the PSA with Felsburg, Holt & Ullevig, Inc. (FHU Inc.) for a total cost not to exceed \$322,811 based on hourly billing rates, to review existing infrastructure, identify, and prioritize future Capital Improvement Plan (CIP) infrastructure for multimodal transportation improvements in southwest Des Moines.

FISCAL IMPACT:

Amount: \$322,811

Funding Source: 2019-2020 Capital Improvement Program, Page Street Improvements-36, SW Infrastructure and Planning, ST280.

ADDITIONAL INFORMATION:

- In 1998, The Southwest Diagonal Corridor Study recommended the alignment of the Southwest Connector. The Southwest Connector was proposed to be a five-lane roadway with landscaped median that ran from SW 7th Street, diagonally across the southwest portion of Des Moines to SW 63rd Street at SW McKinley Avenue. The study recommended this new roadway be built to serve a planned airport terminal on the west side of the airport and anticipated traffic volume increases on Park Avenue and Fleur Drive.
- Since the 1998 study, the Des Moines Airport Authority completed a Terminal Area Concept Plan which proposes a new terminal complex along Fleur Drive instead of on the west side of the airport. Additionally, traffic volumes on Park Avenue and Fleur Drive have not grown as projected in the study.
- An updated Travel Demand Model completed by the Des Moines Area Metropolitan Planning Organization (MPO) as part of the City of Des Moines' Transportation Master Plan (MoveDSM), shows that the existing roadways in the study area are anticipated to be at 80% of their volume-to-capacity ratio in 2040.

- At the September 24, 2018 Council Meeting, City Council directed the City Manager to work with the Des Moines MPO to remove the Southwest Connector from Iowa Highway 28 to Park Avenue from the MPO's Long Range Transportation Plan and complete a traffic study to determine the remaining future roadway network needs in southwest Des Moines.
- The traffic study will include:
 - Provide recommendations on removing the Southwest Connector from Park Avenue to SW 7th Street from the long-range transportation plan.
 - Review existing infrastructure and propose future transportation infrastructure needs for the study area.
 - Review currently proposed land uses and projected traffic patterns to identify and prioritize future CIP infrastructure for multimodal transportation improvements.
 - Drainage analysis for Gray's Lake Wetland Area.
 - Public outreach and stakeholder coordination.
- A Request for Proposals (RFP) for professional services for the Southwest Infrastructure and Planning Study was issued, posted on the City's website, and printed in the newspaper. A selection committee of Engineering Department Staff reviewed and rated the seven (7) proposals received in response to the RFP. FHU Inc 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 FHU Inc., for a total cost not to exceed \$322,811, based on hourly rates, to provide traffic analysis and concept design for a study area generally bound by Iowa Highway 28 on the west, Park Avenue/George Flagg Parkway on the north, the Des Moines International Airport on the east, and Willow Creek Avenue on the south.



PREVIOUS COUNCIL ACTION(S):

Date: September 24, 2018

Roll Call Number: [18-1613](#)

Action: Items regarding the MoveDSM Transportation Master Plan: Plans [Connect Downtown MoveDSM](#)

- (B) [Direct](#) the City Manager to work with the Des Moines Metropolitan Planning Organization (MPO) to remove the Southwest Connector from Iowa Highway 28 to Park Avenue as part of the MPO's Long Range Transportation Plan and complete a traffic study to determine remaining future roadway network needs in southwest Des Moines. ([Council Communication No. 18-487](#)) Moved by Mandelbaum to adopt. Motion Carried 7-0.

Date: December 18, 2000

Roll Call Number: 00-4704

Action: Receipt of City's Transportation Consultants draft corridor study reports for two major transportation projects, Southeast and Southwest Corridor for consideration by City Manager, Parks Board, Plan and Zoning Commission, and the Traffic Safety Committee. (Copy on file in City Clerk's Office). ([Council Communication No. 00-573](#)). Moved by Brooks to adopt. Motion Carried 6-1.
Absent: Coleman.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Funding of future study of improvements needed to roadway network without the Southwest Connector, including capital investment required to upgrade rural roadways to an urban cross section in the new growth areas.

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