

# COUNCIL COMMUNICATION

 CITY OF DES MOINES CITY MANAGER'S OFFICE	Number: <b>26-074</b>	Meeting: <b>March 9, 2026</b>
	Agenda Item: <b>7</b>	Roll Call: <input type="text"/>
	Submitted by: <b>Steven L. Naber, P.E., City Engineer</b>	

## AGENDA HEADING:

Approving Supplemental Agreement No. 1 to the Professional Services Agreement (PSA) with Shuck-Britson, Inc. for additional professional services for Fleur Drive Bridge over Raccoon River Rehabilitation, for an amount not to exceed \$149,648.

## SYNOPSIS:

Recommend approval of Supplemental Agreement No. 1 to the PSA with Shuck-Britson, Inc. (400 East Court Avenue, Suite 140, Des Moines, Iowa, 50309); for an additional amount not to exceed \$149,648, based on hourly rates and reimbursable costs, to provide additional professional services for additional evaluation and design services associated with Fleur Drive Bridge over Raccoon River Rehabilitation.

## FISCAL IMPACT:

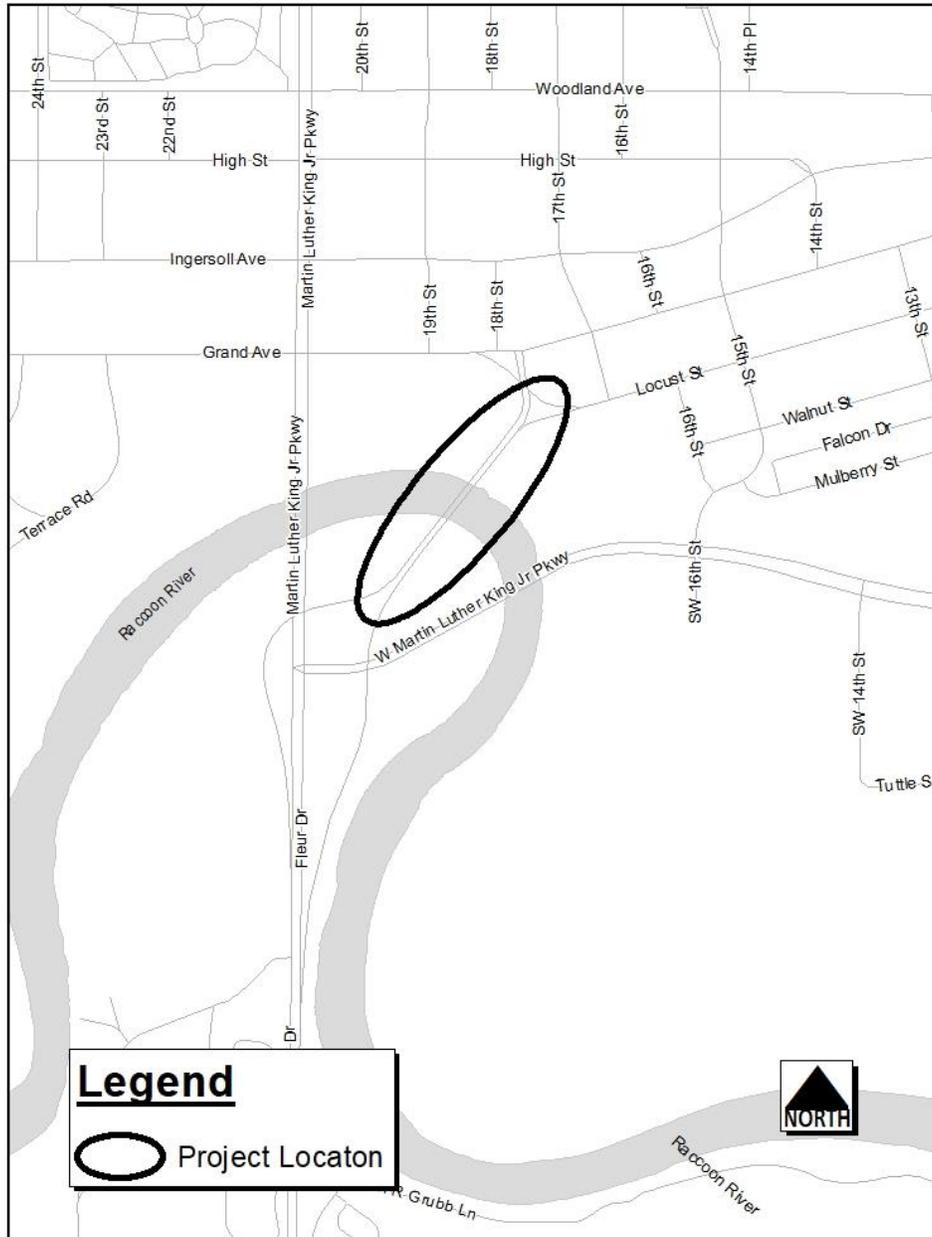
Amount: \$149,648

Funding Source: 2025-26 CIP, Page 51, Fleur Drive Bridge over Raccoon River, BR063

## ADDITIONAL INFORMATION:

- The Fleur Drive Bridge over Raccoon River, originally constructed in 1936, rehabilitated with a deck replacement in 1975, and rehabilitated with deck overlays in 1996 and 2008, is need of rehabilitation and/or replacement.
- The Fleur Drive Bridge provides four (4) lanes of traffic and two (2) 4-foot wide sidewalks on each side of the bridge, as well as two (2) – 30-inch diameter steel water mains attached to the bridge.
- Before Martin Luther King Jr. Parkway was constructed, in the early 2000s the Fleur Drive Bridge carried around 34,000 vehicles per day. Now, the Fleur Drive Bridge only carries about 6,000 vehicles per day.
- Rehabilitation and/or replacement of the bridge will include reconfiguring the bridge to provide two (2) lanes of traffic, and a shared use path and wider sidewalk on the bridge.

- At its January 9, 2023 meeting, the City Council approved a PSA with Shuck-Britson, Inc. for a total cost not to exceed \$123,981, based on hourly rates and reimbursable costs, to provide a structural evaluation report and conceptual design services and renderings for the Fleur Drive Bridge over Raccoon River Rehabilitation.
- Initial professional services included performing a structural evaluation to investigate the current condition, conducting material sampling and testing, documenting the progression of deterioration since past repairs were completed, development of a load rating and alternatives analysis, and providing life-cycle cost analysis for rehabilitation alternatives. This work was summarized in a written Structural Evaluation Report. Professional services under the original PSA included the development of concept drawings and graphic renderings of alternative bridge cross sections in accordance with the traffic study that was completed for the area in 2020.
- Staff have negotiated Supplemental Agreement No. 1 to the Agreement for Professional Services with Shuck-Britson, Inc. for an additional amount not to exceed \$149,648, based on hourly rates and reimbursable costs to provide additional professional services including evaluation of the following three (3) alternatives: (1) bridge rehabilitation and reconfiguration (2) bridge replacement and (3) conversion to pedestrian bridge, including construction cost estimates, as well as life-cycle cost analyses. The evaluations will be documented within an evaluation report which will include 3-D visualization models.
- The City has been awarded \$4,100,000 in Federal Surface Transportation Block Grant Funds to help fund this project, preliminarily estimated to cost between \$8,000,000 and \$14,000,000, depending on whether the bridge is rehabilitated or replaced.
- Construction of this Fleur Drive Bridge project is anticipated to start in 2029 or 2030 depending on funding availability and coordination with the Union Pacific Railroad for work over their railroad tracks.



**PREVIOUS COUNCIL ACTION(S):**

Date: January 9, 2023

Roll Call Number: [23-0013](#)

Action: [Approving](#) Professional Services Agreement with Shuck-Britson, Inc. for the Fleur Drive Bridge over Raccoon River Rehabilitation, not to exceed \$123,981. ([Council Communication No. 23-009](#)) Moved by Boesen to adopt. Second by Gatto. Motion Carried 7-0.

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

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

- Supplemental agreement(s) for final design (Phase II) and limited construction phase services (Phase III) are anticipated, and will be based on the rehabilitation strategy and geometric configuration selected during Phase I (Structural Design Report and Concept Development).

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