


COUNCIL COMMUNICATION

	Number:	24-463	Meeting:	November 18, 2024
	Agenda Item:	7C	Roll Call:	24-1549
	Submitted by:	Benjamin R. Page, Park and Recreation Director, and Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Ordering construction of the following: SW 1st Street Bridge Park Improvement - Receiving bids, (12-10-24), and Setting date of hearing, (1-13-25). (Construction Estimate - \$925,000).

SYNOPSIS:

Recommend the City Council order construction of the improvement and set dates to receive bids and hold a public hearing, as required by Iowa Code, utilizing the method of financing referenced below. This project involves the development of an urban park area on the SW 1st Street Bridge over the Raccoon River. Features will include customized planter beds, seating areas and benches, a pre-fabricated shade structure, customized concrete river in-lay, and integrated geo-foam synthetic turf play mounds. A designated multi-use trail corridor will be dedicated on the upstream side of the bridge to allow easy through travel across the bridge. Additional accommodations will be made to anticipate future bridge aesthetic lighting.

FISCAL IMPACT:

Amount: \$925,000 City Engineer's Estimate

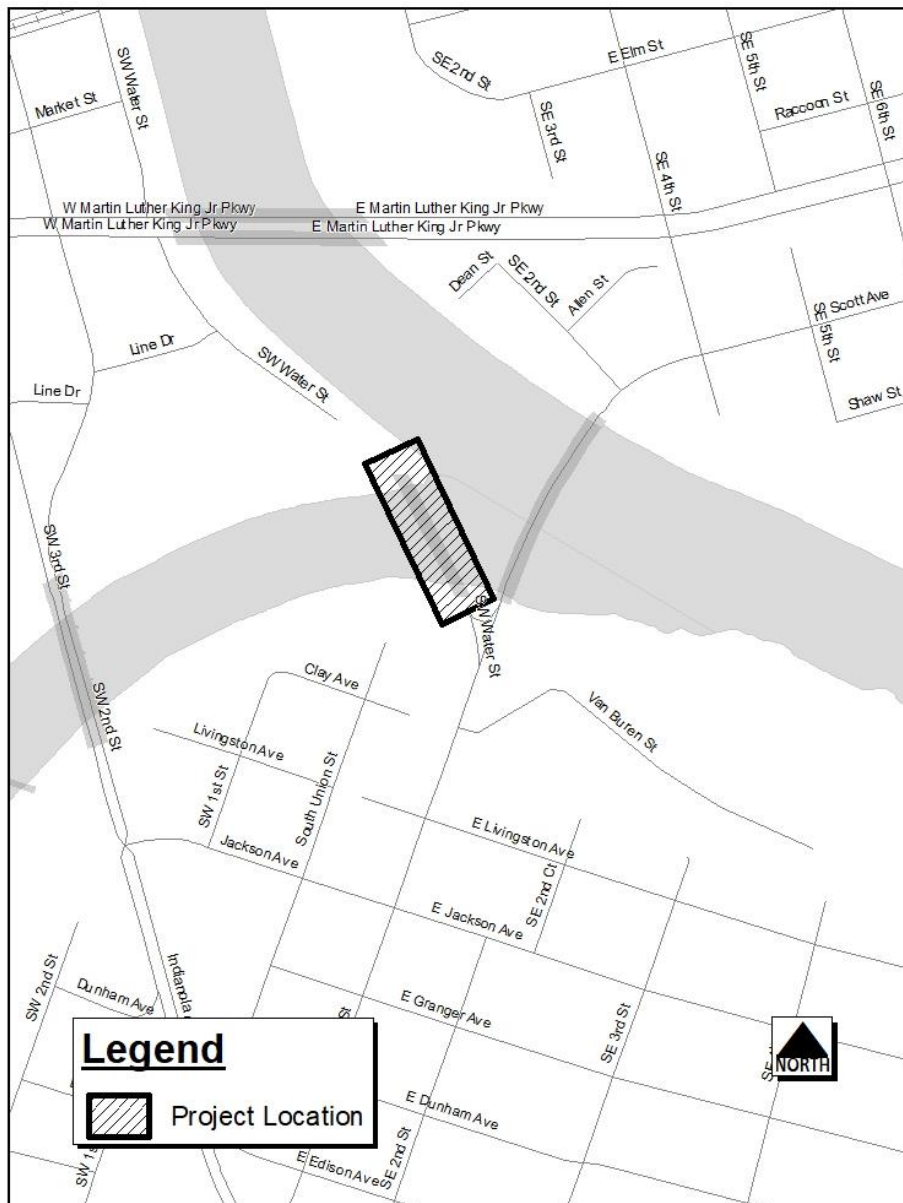
Funding Source: Fiscal Year (FY) 2024-2025 Capital Improvement Program (CIP), Page 62, Multi-Use Trails, PK045, Being: \$200,000 Land and Water Conservation Fund (LWCF) funding from the National Park Service (NPS), \$160,000 in Private Donations, \$75,000 Tax Increment Financing, and the remaining \$490,000 in G.O. Bonds

ADDITIONAL INFORMATION:

- Located near the confluence of the Raccoon and Des Moines Rivers, the 0.6-acre SW 1st Street Bridge was originally built in 1937 and was rehabilitated in 1974. The bridge was converted to a multi-use trail facility in 2005 and was again rehabilitated in 2019 as part of the City's Bridges to Opportunity Project funded by the Transportation Investment Generating Economic Recovery (TIGER) Discretionary Grant Program. In addition to structural repairs, the deck was rehabilitated providing a flat surface and lighting for future park improvements.
- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the SW 1st Street Bridge Park Improvement, Activity ID 11-2024-010. The improvement includes adding custom geo-foam and synthetic turf

play mounds, custom cast-in-place concrete bench seating, metal benches, metal planter edging with sedum soil and plantings, pre-manufactured shade structure, modified and added deck drains, custom colored concrete river in-lay channel, multi-use trail pavement markings, traffic control, construction survey, and mobilization, all in accordance with the contract documents including Plan File No. 666-045/067, located on the SW 1st Street Bridge over the Raccoon River.

- The estimated construction cost is \$925,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.
- Construction of this project is anticipated to be completed in the fall 2025.
- The SW 1st Street Bridge is part of the Meredith Trail greenway and helps serve 6,279 Des Moines residents who live within a 10-minute walking distance. In 2023, a bicycle and pedestrian infrared counter stationed on the bridge captured nearly 210,000 trips.



PREVIOUS COUNCIL ACTION(S):

Date: October 7, 2024

Roll Call Number: [24-1331](#)

Action: [Approving](#) Supplemental Agreement No. 1 to the Professional Services Agreement with Shive-Hattery, Inc. for SW 1st Street Bridge Park Improvement, not to exceed \$51,500. ([Council Communication No. 24-392](#)) Moved by Gatto to adopt. Second by Voss. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S):

Board: Access Advisory Board

Date: September 18, 2024

Resolution Number: N/A

Action: Motion to Approve, with Comments in Consideration, by Jones. Seconded by Armstrong. Motion Carried 8-0. Noted comments included reviewing ramp slopes for constructability tolerances and affirming that handrail extensions do not extend into the navigable pedestrian space.

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Anticipated actions include public hearing, receive and file bids, designate lowest bidder, and approve contract and bond; also partial payments to the contractor and final acceptance of work.

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