

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	November 23, 2015
	Agenda Item No.	7B
	Roll Call No.	<u>15-1941</u>
	Communication No.	<u>15-617</u>
	Submitted by:	Pamela S. Cooksey, P.E., City Engineer

AGENDA HEADING:

Ordering construction of the following: SW 5th Street (Jackson Avenue) Bridge Rehabilitation - Receiving bids, (12-8-15), and Setting date of hearing, (12-21-15). Construction Estimate - \$2,153,912.50.

SYNOPSIS:

Recommend the City Council proceed with 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 provides for the rehabilitation of the existing 3-span steel high truss, which was originally built in 1898. In 2013, the bridge was closed due to severe deterioration of this fracture critical bridge. The bridge is being rehabilitated to restore functionality of the multi-use trail bridge with the usable trail width being reduced to 14-feet wide, with lookouts at the piers, to reduce loading on the bridge. This project was made possible by The Friends of Jackson Bridge, who raised private donations and pledges for funding of the project in an account at the Greater Des Moines Community Foundation.

FISCAL IMPACT:

Amount: \$2,153,912.50 City Engineer's Estimate

Funding Source: 2015-2016 CIP, Page Parks - 8, Multi-Use Trail Bridges, PK177, Being: \$500,000 in Iowa Department of Transportation (IDOT) State Recreational Trails fund (50% eligible construction costs, \$500,000 maximum), Agreement Number 2015-RT-009; \$1,050,000 total private being \$631,096 donations received, \$208,834 written pledges, and \$210,070 verbal pledges; \$12,074 Mayor's Annual Ride and Run 2015 proceeds; and the remaining \$591,838.50, PK177, G.O. Bonds.

ADDITIONAL INFORMATION:

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the SW 5th Street (Jackson Avenue) Bridge Rehabilitation, 11-2015-004. The improvement includes rehabilitation of the existing bridge, including: structural steel floorbeam repair, lateral bracing repair, lower chord rehabilitation, end/interior diagonal rehabilitation, reconfigure and refinish wood deck with lookouts, rehabilitate handrails, blast cleaning of structural steel, painting of structural steel, modification of bridge lighting, site restoration, and mobilization. All work in accordance with the contract documents, including Plan File Nos. 566-151/199, for the SW 5th Street (Jackson Avenue) pedestrian bridge over the Raccoon River, located approximately 500 feet upstream of SW 3rd Street in Des Moines, Iowa.

The estimated construction cost is \$2,153,912.50. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

The Friends of Jackson Bridge led a citizen initiative to restore and reopen the Jackson Bridge across the Raccoon River in downtown Des Moines. The bridge is a historic bridge, one (1) of only three (3) of its type constructed left in urban areas in Iowa. The committee raised funds from private citizens, downtown corporations, fund raising events, and received a community betterment grant from Polk County. The total amount the group raised was \$1,050,000 with \$631,096 in donations, \$208,834 in written pledges, and the remaining \$210,070 pledged orally for the rehabilitation of the bridge.

Remaining payment for private contributions are as follows:

- 2015 - \$30,570
- 2016 - \$217,167
- 2017 - \$111,167
- 2018 - \$60,000



PREVIOUS COUNCIL ACTION(S):

Date: September 14, 2015

Roll Call Number: [15-1480](#)

Action: [Approving](#) and authorizing the execution of Iowa Department of Transportation (IDOT) State Recreational Trails Agreement for SW 5th Street (Jackson Avenue) Bridge Rehabilitation. ([Council Communication No. 15-492](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: August 25, 2014

Roll Call Number: [14-1302](#)

Action: [Modified](#) design for repair of Meredith Multi-use Recreational Trail-Southwest 5th (Jackson) Street Bridge and authorizing City Manager to negotiate and execute any necessary Engineering Design Funding Agreement. ([Council Communication No. 14-411](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: December 23, 2013

Roll Call Number: [13-2017](#)

Action: [Recommendation](#) regarding budgeting for repairs of the Meredith Multi-Use Recreational Trail SW 1st Street Bridge and the Meredith Multi-Use Recreational Trail SW 5th (Jackson) Street Bridge. ([Council Communication No. 13-618](#)) Moved by Hensley to receive, file, and refer to the Park and Recreation Department to proceed as recommended by staff and the Park and Recreation Board. Motion Carried 7-0.

Date: June 25, 2012

Roll Call Number: [12-0962](#)

Action: [Approving](#) Professional Services Agreement with Shuck-Britson, Inc. for the Jackson Street Trail Bridges Phase 1 Bridge Rehabilitation Evaluation, not to exceed \$49,376. ([Council Communication No. 12-339](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: February 23, 2004

Roll Call Number: [04-0395](#)

Action: Authorizing Park and Recreation Director or his designee to sign and submit applications for grants or other giving programs for planning, development, maintenance, and operation of facilities, structures, and programs undertaken by Des Moines Park and Recreation Department. ([Council Communication No. 04-080](#)) Moved by Coleman to approve. City Manager will provide the Council with a periodic list of the grant applications that have been sent. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S):

Board: Park and Recreation Board

Date: December 16, 2013

Resolution Number: N/A

Action: Approve staff's recommendation to:

- 1) Budget CIP funding of \$1,080,000 for repairs to the Meredith Trail Southwest 1st Street Bridge within the next two (2) years; and Council Communication No. 14-411, Page 5 of 5.
- 2) Historically restore the Meredith Trail Southwest 5th (Jackson) Street Bridge to established safety standards for pedestrian bridges contingent upon:
 - (a) \$750,000 being budgeted in the FY2017 CIP budget;
 - (b) Engineers indicating structural feasibility for restoration following an in-depth, second engineering analysis that would build upon the report done by Shuck-Britson;
 - (c) Engineers developing a cost estimate(s) for restoration of the bridge;
 - (d) Staff and stakeholders determining financial feasibility of the bridge's restoration;
 - (e) Stakeholders developing a fundraising plan utilizing private, non-profit, and other state or federal special appropriation funds for the balance of funds needed; and
 - (f) Fundraising being completed within 18 months after completion of the more detailed cost estimate in "c" above; if fundraising efforts are not successful or if the cost estimate is beyond an amount stakeholders feel is reasonable to obtain, the City will utilize the \$750,000 for demolition of the bridge.

Board: Park and Recreation Board

Date: November 26, 2013

Resolution Number: N/A

Action: Receive and file staff's recommendation to 1) budget CIP funding of \$1,080,000 for repairs to the Southwest 1st Street Bridge within the next two (2) years and 2) begin discussions with granting and regulatory agencies that are pertinent to removal of the Southwest 5th (aka Jackson) Street Bridge, budget CIP funding of \$750,000 for removal of the bridge in approximately three (3) years, and accept outside fundraising efforts to complete the funds necessary to instead restore, repair or replace the bridge.

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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