

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	January 11, 2016
	Agenda Item No.	44A
	Roll Call No.	<u>16-0075</u>
	Communication No.	<u>16-017</u>
	Submitted by:	Pamela S. Cooksey, P.E., City Engineer

AGENDA HEADING:

Hearing on SW 5th Street (Jackson Avenue) Bridge Rehabilitation. Resolution approving plans, specifications, form of contract documents, engineer’s estimate, receive and file bids, and designating lowest responsible bidder as Cramer and Associates, Inc., Robert Cramer, President/CAO, \$2,245,020.

SYNOPSIS:

This is a public hearing to allow for public input on the SW 5th Street (Jackson Avenue) Bridge Rehabilitation and take the necessary actions as required by Iowa Code to authorize a contract for construction of the proposed project. 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: \$2,245,020 Construction Contract (\$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 \$691,096 donations received, \$208,834 written pledges, and \$150,070 verbal pledges; \$12,074 Mayor’s Annual Ride and Run 2015 proceeds; \$682,946, PK177, G.O. Bonds.

ADDITIONAL INFORMATION:

On November 23, 2015, under Roll Call No. 15-1941, the City Council received and filed plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the SW 5th Street (Jackson Avenue) Bridge Rehabilitation. Before the City Council can enter into a contract, it must hold a public hearing and approve the proposed plans, specifications, and form of contract documents and 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 floor beam 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 public hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement was set for December 21, 2015 at 5:00 p.m. in the City Council Chambers, however the public hearing was continued until the January 11, 2016 Council meeting.

Sealed bids for said improvement were submitted by the following bidders:

Cramer and Associates, Inc., Grimes, IA
Jensen Construction Company, Des Moines, IA

The bids were received and opened at a public meeting presided over by the City Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on December 8, 2015.

The City Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Cramer and Associates, Inc., Robert Cramer, President/CAO, 3100 S.W. Brookside Drive, Grimes, IA, 50111 in the amount of \$2,245,020, and said bid should be accepted. The Finance Director has determined that funds are available for said improvement as stated above.



PREVIOUS COUNCIL ACTION(S):

Date: December 21, 2015

Roll Call Number: [15-2178](#)

Action: [On](#) SW 5th Street (Jackson Avenue) Bridge Rehabilitation: approving plans, specifications, form of contract documents, Engineer's Estimate, receive and file bids and designating lowest responsible bidder as Cramer And Associates, Inc. (Robert Cramer, President/CAO), \$2,245,020. Moved by Hensley to continue the public hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction for said improvement until January 11, 2016 at 5:00 p.m. in the Council Chambers at City Hall. Motion Carried 7-0.

Date: November 23, 2015

Roll Call Number: [15-1941](#)

Action: Ordering construction of the following:

- (B) [SW](#) 5th Street (Jackson Avenue) Bridge Rehabilitation: Receiving of bids, (12-8-15), Setting date of hearing, (12-21-15), Construction estimate, \$2,153,912.50. ([Council Communication No. 15-617](#)) Moved by Hensley to adopt. Motion Carried 7-0.

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:

Partial payments to the contractor and final acceptance of work.

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