

COUNCIL COMMUNICATION

	Number:	22-037	Meeting:	February 7, 2022
	Agenda Item:	45	Roll Call:	22-201
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Hearing on 2nd Avenue Bridge over the Des Moines River Rehabilitation and 2nd Avenue Bridge over Birdland Drive Replacement: Resolution approving plans, specifications, form of contract documents, engineer's estimate, receive and file bids, and designating lowest responsible bidder as Jasper Construction Services, Inc., Cliff Rhoads, President, \$9,983,440.85.

SYNOPSIS:

This is a public hearing to allow for public input on the 2nd Avenue Bridge over the Des Moines River Rehabilitation and 2nd Avenue Bridge over Birdland Drive Replacement 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 2nd Avenue Bridge over the Des Moines River and full replacement of the 2nd Avenue Bridge over Birdland Drive.

FISCAL IMPACT:

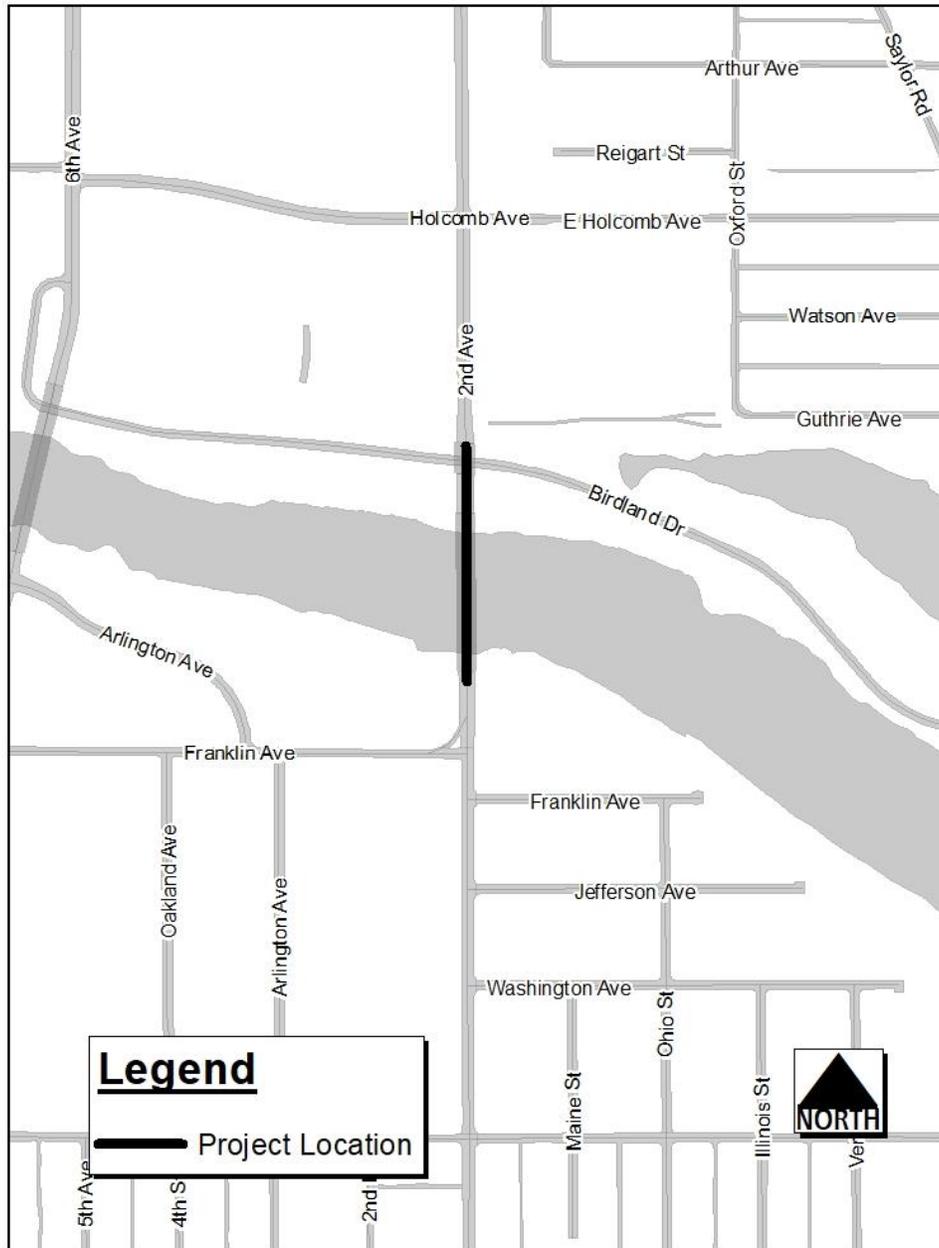
Amount: \$9,983,440.85 construction contract (\$7,433,771.90 City Engineer's Estimate).

Funding Source: 2021-2022 CIP, Page 24, 2nd Ave Bridge over the Des Moines River, BR057, Being: \$1,000,000 (maximum) Surface Transportation Block Grant Program Federal-aid Swap funds being 100% of eligible construction costs under STBG-SWAP-1945(848)--SG-77, \$1,000,000 (maximum) City Bridge Federal-aid Swap funds being 80% of eligible construction costs under BHM-SWAP-1945(844)--SA-77, \$25,225 MidAmerican Energy, \$925,000 Gaming Monies, \$2,033,215.85 G.O. Bonds, \$3,000,000 G.O. Bonds to be Issued, \$2,000,000 T.I.F. Bonds to be issued.

ADDITIONAL INFORMATION:

- On December 20, 2021, under Roll Call No. 21-1883, the City Council received and filed plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the 2nd Avenue Bridge over the Des Moines River Rehabilitation and 2nd Avenue Bridge over Birdland Drive Replacement. 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 2nd Avenue Bridge over the Des Moines River Rehabilitation and 2nd Avenue Bridge over Birdland Drive Replacement, Activity ID 12-2019-001. The improvement includes the structural rehabilitation of the 2nd Avenue Bridge over the Des Moines River and replacement of the 2nd Avenue Bridge over Birdland Drive.

- The Des Moines River bridge rehabilitation includes new bridge expansion joints, full removal and replacement of concrete barrier rails, new barrier rail steel railing, new exterior ornamental railing, full blast cleaning and repainting of the bridge beams, and railing and pier accent lighting. The Birdland Drive bridge replacement includes removal of the existing concrete bridge, construction of a new continuous Portland Cement Concrete (PCC) slab bridge on steel pile foundations, structural concrete, epoxy reinforcing steel, longitudinal grooving, new PCC bridge barrier rail, new barrier rail steel railing, new exterior ornamental railing, PCC slope paving, and railing accent lighting. The bridge replacement also includes construction of new bridge PCC approach pavement, PCC sidewalk construction, PCC trail construction along Birdland Drive, traffic control, pavement markings, seeding and erosion control items, and mobilization; all in accordance with the contract documents, including Plan File No. 636-017/161, located on 2nd Avenue over the Des Moines River and Birdland Drive in Des Moines.
- Sealed bids for said improvement were submitted by the following bidders:
 - Jasper Construction Services, Inc., Newton, IA, Low Bid
- The bids, in accordance with a previously approved Iowa Department of Transportation (IDOT) Agreement, were received and opened by the IDOT on January 19, 2022.
- The City Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Jasper Construction Services, Inc. (Cliff Rhoads, President, 928 N 19th Avenue East, Newton, IA, 50208), in the amount of \$9,983,440.85, and said bid should be accepted. The Finance Director has determined that funds are available for said improvement as stated above.
- The City Engineer recommends accepting the bid for \$9,983,440.85 from Jasper Construction Services, Inc., despite the bid being significantly over the City Engineer's Estimate for the following reasons:
 - City staff do not believe re-advertising the project for bids would result in a lower bid. Due to the continued substantial demand in the labor market and the significant number of bridge projects underway in Iowa, the bridge contractors in Iowa already have a significant workload for the coming years. The Iowa DOT had over 50 bridge projects in their December 2021 and January 2022 Lettings. Also, only one (1) bid was received for this bridge project.
 - There is not a current safety condition concern, but delaying the project could lead to additional deterioration that may need additional repair or maintenance, further increasing the overall costs.
 - The bridge project schedule is important in relation to other projects in the corridor. Scheduling the bridge project in advance of the 2nd Avenue Corridor work is important in the City's overall strategy for revitalizing this corridor and consistent with City communications to the businesses and residents in the project area.



PREVIOUS COUNCIL ACTION(S):

Date: December 20, 2021

Roll Call Number: [21-1883](#)

Action: Ordering construction of the following:

- (B) [2nd Avenue](#) Bridge over the Des Moines River Rehabilitation and 2nd Avenue Bridge over Birdland Drive Replacement: Receiving of bids, (1-19-22), and Setting date of hearing, (2-7-22), Engineer’s estimate, \$7,433,771.90. ([Council Communication No. 21-570](#)) Moved by Gray to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S):

Board: Urban Design Review Board

Date: October 19, 2021

Resolution Number: N/A

Action: Motion to approve. Approved.

Board: Access Advisory Board

Date: September 15, 2021

Resolution Number: 21-23

Action: 2nd Avenue over Des Moines River Bridge Rehabilitation. Motion to approve by Bowman. Seconded by Thompson. Motion Carried 8-0.

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Partial payments to the contractor and final acceptance of work.

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