


COUNCIL COMMUNICATION

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|  | Number: 21-574 | Meeting: December 20, 2021 |
| | Agenda Item: 7C | Roll Call: 21-1884 |
| | Submitted by: Steven L. Naber, P.E., City Engineer | |

AGENDA HEADING:

Ordering construction of the following: SW 9th St Bridge Replacement over Middle South Creek - Receiving bids, (1-19-22), and Setting date of hearing, (2-7-22). Construction Estimate - \$1,731,800.54.

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 provides for the replacement of the structurally deficient bridge on S.W. 9th Street over Middle South Creek. The bridge was originally built in 1971 and is being replaced with a new 3-span concrete slab bridge. During construction, temporary traffic signals will be used to alternate traffic and stage construct the project to maintain traffic access across the bridge during construction.

FISCAL IMPACT:

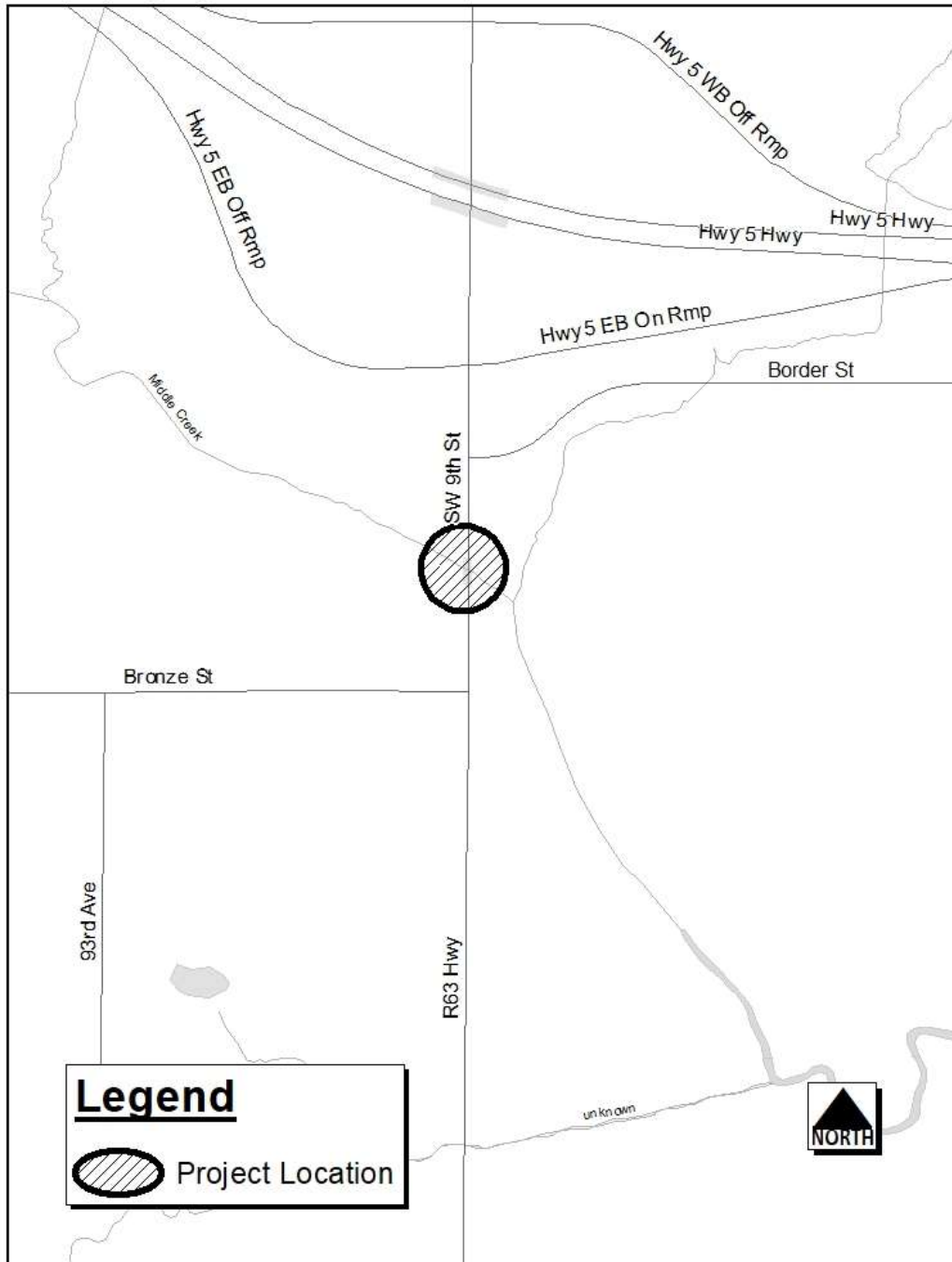
Amount: \$1,731,800.54 City Engineer's Estimate

Funding Source: 2021-2022 CIP, Page 28, SW 9th St Bridge over Middle Creek, BR062, Being: \$1,000,000 (maximum) City Bridge Federal-aid Swap funds being 80% of eligible construction costs under BHM-SWAP-1945(857)--SD-91, and the remaining \$731,800.54 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 9th St Bridge Replacement over Middle South Creek, Activity ID 12-2021-003. The improvement includes removal of the existing 3-span concrete slab bridge, construction of a new continuous concrete slab bridge on steel pile foundations, bridge barrier rail, minor approach grading and concrete approach pavement, guardrail, channel shaping and revetment, erosion control, seeding, traffic control and temporary traffic signals, and mobilization; all in accordance with the contract documents, including Plan File No. 635-228/296, on S.W. 9th Street over Middle South Creek located south of Iowa Highway 5 in Warren County, Des Moines, Iowa.
- The estimated construction cost is \$1,731,800.54. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

- The bridge is to be built in stages and temporary traffic signals are to be installed as part of the project to maintain through traffic and access to critical emergency services which are located just south of the bridge but has a portion of its service area north of the bridge.
- The project will be bid by the Iowa Department of Transportation (IDOT) on behalf of the City.
- Construction of this project is anticipated to begin in spring 2022 and be completed by late spring 2023.



PREVIOUS COUNCIL ACTION(S):

Date: July 19, 2021

Roll Call Number: [21-1087](#)

Action: [Approving](#) and authorizing the execution of the Iowa Department of Transportation (IDOT) Agreement for the SW 9th Street Bridge Replacement over Middle South Creek. ([Council Communication No. 21-326](#)) Moved by Gatto to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

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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