


COUNCIL COMMUNICATION

 CITY OF DES MOINES OFFICE OF THE CITY MANAGER	Number:	23-464	Meeting:	October 23, 2023
	Agenda Item:	7B	Roll Call:	23-1404
	Submitted by:	Jonathan A. Gano, P.E., Public Works Director, and Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Ordering construction of the following: 2nd Avenue Reconstruction from University to the Des Moines River - Receiving bids, (11-7-23), and Setting date of hearing, (12-4-23). (Construction Estimate - \$17,500,000).

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 includes roadway improvements, including the full reconstruction of 2nd Avenue from University Avenue to the Des Moines River.

FISCAL IMPACT:

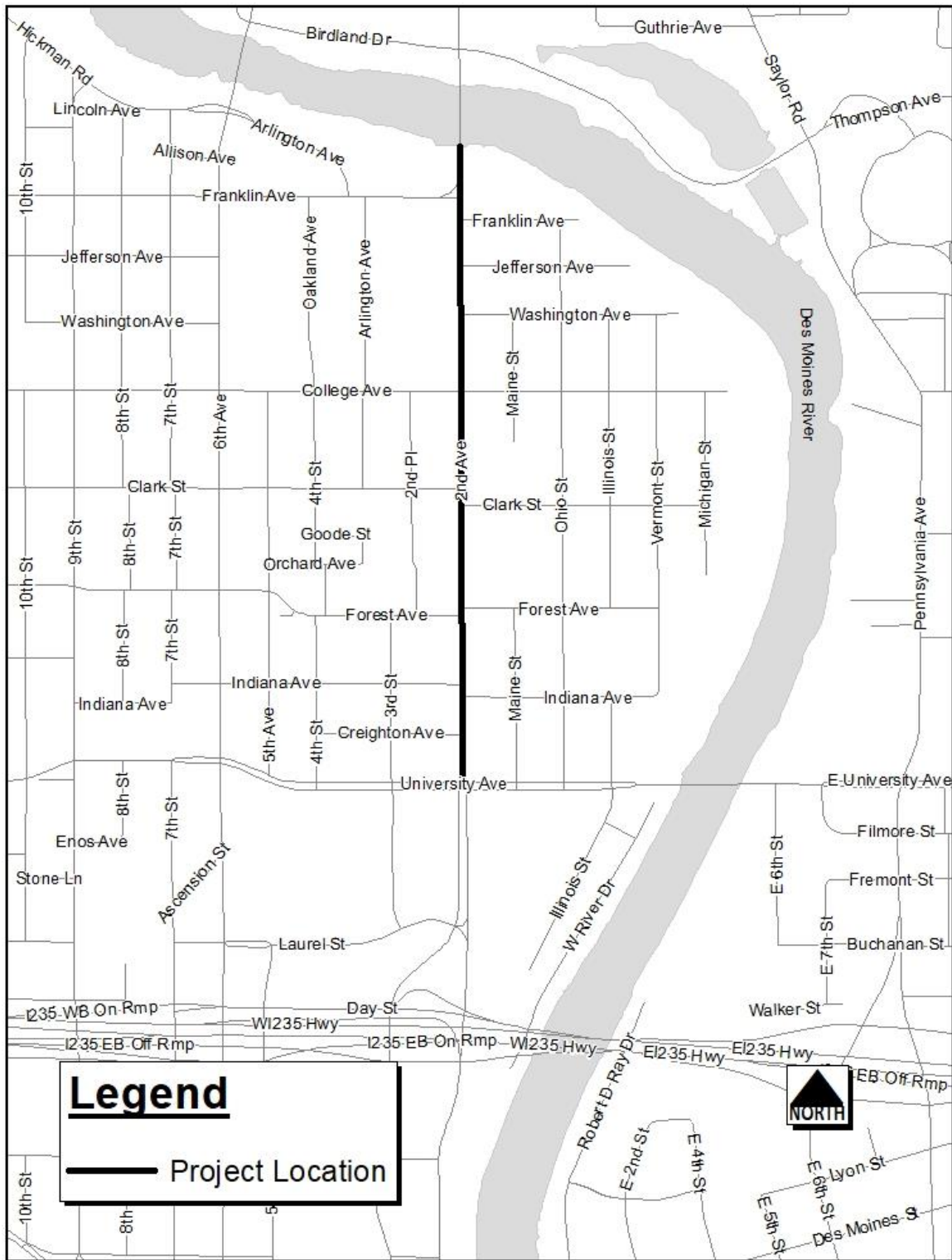
Amount: \$17,500,000 City Engineer's Estimate

Funding Source: 2023-2024 Capital Improvement Program (CIP), Page 130, Roadway Reconstruction - Second Avenue, ST277, Being: \$500,000 (Max) in Iowa Department of Transportation (IDOT) Traffic Safety Improvement Funds under CS-TSF-1945(871)--85-77, \$9,000,000 in T.I.F. Bonds, \$3,275,000 in T.I.F. Bonds to be issued, \$1,980,000 in Sanitary Sewer Funds, \$275,000 in Sanitary Sewer Funds to be transferred, and the remaining \$2,470,000 from Des Moines Water Works

ADDITIONAL INFORMATION:

- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the 2nd Avenue Reconstruction from University to the Des Moines River, Activity ID 062020001. The improvement includes the reconstruction of 2nd Avenue with Portland Cement Concrete (PCC) curb and gutter, 12-inch thick Hot Mix Asphalt (HMA) paving, modified subbase, PCC sidewalks and driveways, retaining wall, pavement removal, storm sewer, intakes, subdrain, sanitary sewer, water main, traffic signalization, pavement markings, traffic control, restoration, seeding, sodding, and miscellaneous associated work to complete the project, all in accordance with the contract documents, including Plan File No. 657-165/447, located along 2nd Avenue from University Avenue to the Des Moines River.
- The estimated construction cost is \$17,500,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the City Engineer's Office.

- The pavement along 2nd Avenue between University Avenue and the Des Moines River needs complete reconstruction.
- A new storm sewer along the west side of 2nd Avenue from College Avenue to the Des Moines River is needed as part of the River Bend and King Irving Sewer Separation project.
- Des Moines Water Works will be replacing water main along 2nd Avenue between University Avenue and the Des Moines River.
- 2nd Avenue from University Avenue to the Des Moines River is currently a 40-foot-wide, four (4)-lane cross section roadway (lane widths ranging from 9.5-feet to 10-feet) with disconnected four (4)-foot-wide sidewalks on either side. The utility work and reconstruction provides an opportunity to consider geometric and safety improvements to the roadway.
- The 2nd Avenue Reconstruction from University to the Des Moines River project includes:
 - *Pavement Reconstruction* – Full pavement reconstruction of a four (4)-lane roadway with 11-foot-wide lanes, new curbs and gutters and new five (5)-foot-wide sidewalks on both sides.
 - *Forest Avenue Realignment* – Realignment of the east leg of Forest Avenue at the intersection of 2nd Avenue to align with the west leg of Forest Avenue at the intersection of 2nd Avenue.
 - *Clark Street Realignment* – Realignment of the east leg of Clark Street at the intersection of 2nd Avenue to align with the west leg of Clark Street at the intersection of 2nd Avenue.
 - *Left-Turn Lanes at Select Intersections* – Adding left-turn lanes at the following intersections along 2nd Avenue:
 - Franklin Avenue (2nd Avenue northbound left-turn lane).
 - College Avenue (2nd Avenue northbound and southbound left-turn lanes).
 - Clark Street (2nd Avenue northbound and southbound left-turn lanes).
 - Forest Avenue (2nd Avenue northbound and southbound left-turn lanes).
 - *Access Control Improvements* – Eliminate and/or consolidate driveway accesses along the corridor to reduce the number of conflict points/turning movements along the corridor.
 - *Storm Sewer Installation* – Installation of a new storm sewer along the west side of 2nd Avenue from College Avenue to the Des Moines River.
 - *Water Main Replacement* – Replacement of the existing water main under 2nd Avenue by Des Moines Water Works.
- Construction of this project is anticipated to start in 2024 and be completed by fall of 2026. Utility relocation work is anticipated to start later this year (2023). Construction will be staged to keep one (1) lane of traffic open in each direction, with the exception being possibly a shorter duration (one {1} or two {2} weeks) complete closure of 2nd Avenue using a detour for water main connection work.



PREVIOUS COUNCIL ACTION(S):

Date: June 13, 2022

Roll Call Number: [22-0856](#)

Action: [Approving](#) and authorizing the execution of IDOT Agreement for 2nd Avenue Reconstruction from University Avenue to the Des Moines River. ([Council Communication No. 22-260](#)) Moved by Gatto to adopt. Second by Voss. Motion Carried 6-1. Absent: Sheumaker.

Date: May 18, 2020

Roll Call Number: [20-0809](#) and [20-0810](#)

Action: Items regarding the proposed 2nd Avenue Reconstruction from University Avenue to the Des Moines River: ([Council Communication No. 20-220](#))

- (A) [Approving](#) the concept plan. Moved by Gray to adopt. Motion Carried 6-1. Nays: Voss.
- (B) [Approving](#) Professional Services Agreement with Bolton & Menk, Inc., not to exceed \$485,929. Moved by Gray to adopt. Motion Carried 6-1. Nays: Voss.

BOARD/COMMISSION ACTION(S):

Board: Transportation Safety Committee

Date: July 9, 2019

Resolution Number: N/A

Action: Motion was made by Jim Windsor to approve the 2nd Avenue Reconstruction from University Avenue to the Des Moines River Concept Plan for a four (4)-lane roadway section with turn lanes at select intersections and access control measures along the corridor; seconded by Blake Hanson. Motion passed 7:1. Opposed: Dave Ferree.

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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