


# COUNCIL COMMUNICATION

 CITY OF DES MOINES OFFICE OF THE CITY MANAGER	Number: <b>22-260</b>	Meeting: <b>June 13, 2022</b>
	Agenda Item: <b>8</b>	Roll Call: <b>22-856</b>
	Submitted by: <b>Steven L. Naber, P.E., City Engineer</b>	

## AGENDA HEADING:

Approving and authorizing the execution of Iowa Department of Transportation (IDOT) Agreement for 2nd Avenue Reconstruction from University Avenue to the Des Moines River.

## SYNOPSIS:

Recommend approval of IDOT Agreement No. 2023-TS-002 for Traffic Safety Improvement Program (TSIP) funding between the City of Des Moines and IDOT for 2nd Avenue Reconstruction from University Avenue to the Des Moines River.

## FISCAL IMPACT:

### Estimated Total Project Costs:

Roadway Reconstruction (Includes realignment of east legs of intersections of Forest Avenue and Clark Street)	\$8,500,000
Storm Sewer Construction	\$3,000,000
Property Acquisition	\$3,500,000
Engineering Design & Construction Administration (Includes professional services agreement costs)	\$1,500,000

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Estimated Total Project Costs	\$16,500,000
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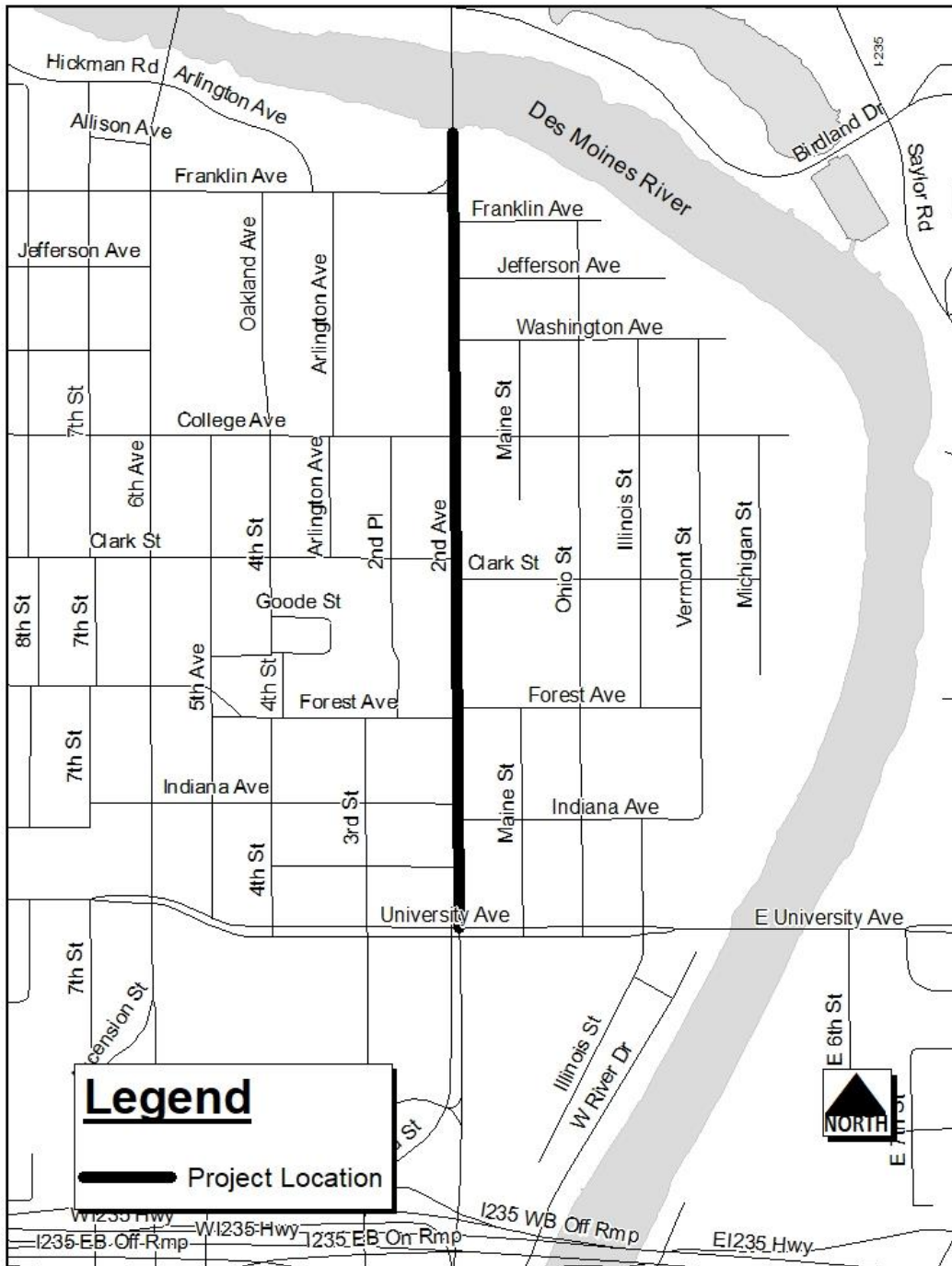
Traffic Safety Funds in the amount of \$500,000 are being received for this project.

### Funding Source: Various funding being:

- \$500,000 – Traffic Safety Improvement Program (TSIP) funds
- \$16,000,000 - 2022-23 CIP, Page 134, Roadway Reconstruction - Second Avenue, ST277, Tax Increment Bonds

**ADDITIONAL INFORMATION:**

- The IDOT implemented an annual program beginning in 1988 to provide for traffic safety improvements. These improvements may include roadway construction projects to correct high-crash locations, upgrading of obsolete traffic control devices to comply with the requirements of the Manual on Uniform Traffic Control Devices, or traffic studies to determine how to correct a safety problem. Since the program began, Des Moines has been successful in securing over \$21 million in Traffic Safety Funds for 87 projects, including several major intersection improvements, traffic signal upgrades, and other safety projects.
- A traffic study completed in 2019 identified this corridor as experiencing high crash rates. The proposed 2<sup>nd</sup> Avenue Reconstruction project would address intersection crashes by providing dedicated left turn lanes and realigning the offset intersections of Forest Avenue and Clark Avenue.
- The concept plan developed for the 2<sup>nd</sup> Avenue Reconstruction project includes:
  - Pavement Reconstruction - Full pavement reconstruction of four (4) lanes with 11-foot-wide lanes, new curbs and gutters and new 5-foot-wide sidewalks on both sides.
  - Forest Avenue Realignment - Realignment of the east leg of Forest Avenue at the intersection of 2<sup>nd</sup> Avenue to align with the west leg of Forest Avenue at the intersection of 2<sup>nd</sup> Avenue.
  - Clark Street Realignment - Realignment of the east leg of Clark Street at the intersection of 2<sup>nd</sup> Avenue to align with the west leg of Clark Street at the intersection of 2<sup>nd</sup> Avenue.
  - Left-Turn Lanes at Select Intersections – Adding left-turn lanes at the following intersections along 2<sup>nd</sup> Avenue:
    - Franklin Avenue (2<sup>nd</sup> Avenue northbound left-turn lane).
    - College Avenue (2<sup>nd</sup> Avenue northbound and southbound left-turn lanes).
    - Forest Avenue (2<sup>nd</sup> Avenue northbound and southbound left-turn lanes).
    - Clark Street (2<sup>nd</sup> 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.
- On July 19, 2021, by Roll Call No. 21-1091, City Council authorized the submittal of Fiscal Year (FY) 2023 Traffic Safety Fund Application Applications to the IDOT. The City was awarded \$500,000 for the 2<sup>nd</sup> Avenue Reconstruction from University Avenue to the Des Moines River. The remaining \$16,000,000 cost of the project will be funded by tax increment bonds.
- The Traffic Safety Funds would cover a portion of the costs to construct left-turn lanes at select intersections and realign the intersections of Forest Avenue and Clark Street.
- Construction of the 2<sup>nd</sup> Avenue Reconstruction from University Avenue to the Des Moines River project is anticipated to start in 2024 and be substantially complete by the end of 2025.



**PREVIOUS COUNCIL ACTION(S):**

Date: July 19, 2021

Roll Call Number: [21-1090](#)

Action: [Approving](#) Fiscal Year 2023 Traffic Safety Fund Application to the Iowa Department of Transportation (IDOT). ([Council Communication No. 21-321](#)) Moved by Gatto to adopt. Motion Carried 7-0.

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Actions related to the construction contract for the project, including partial payments to the contractor and final acceptance of work.

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