


COUNCIL COMMUNICATION

	Number:	21-324	Meeting:	July 19, 2021
	Agenda Item:	6	Roll Call:	21-1085
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Approving and authorizing the execution of the Iowa Department of Transportation (IDOT) agreement for the E. 30th Street and E. University Avenue Intersection Improvements.

SYNOPSIS:

Recommend approval of IDOT agreement No. 22-TS-008 between the City of Des Moines and IDOT for the E. 30th Street and E. University Avenue Intersection Improvements.

FISCAL IMPACT:

Amount: \$1,000,000

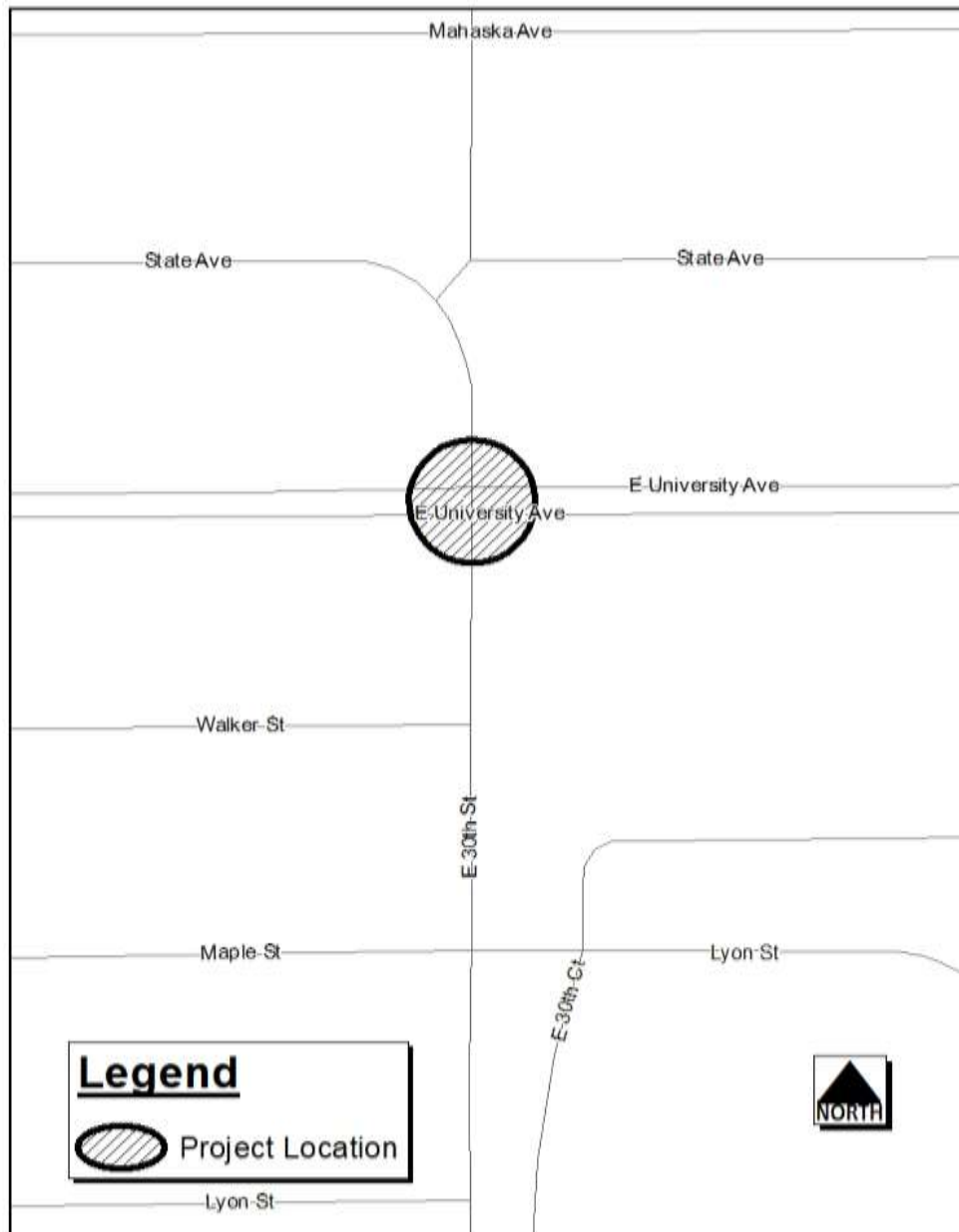
Funding Source: Various funding being:

- \$357,000 – Traffic Safety Improvement Program (TSIP) funds
- \$643,000 – 2021-2022 CIP, Page 141, Street Reconstruction, ST290, G.O. 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.
- The E. University Avenue and E. 30th Street intersection was ranked 12th on the IDOT's Statewide Improvement Candidate List (SICL), which identifies the locations throughout the state in need of safety improvements. This project includes safety improvements, traffic signal equipment replacement, and capacity improvements.
- Identified improvements include:
 - Traffic signal equipment replacement, traffic signal retiming including the yellow change and red clearance intervals, and the addition of protected/permissive southbound left-turn phase with flashing yellow arrow.

- Median and pavement marking modifications to offset all left-turn lanes to create positive offset and better sight lines for drivers
 - Removal of right-turn channelizing islands/medians to provide increased safety for pedestrians and remove traffic signal poles from islands.
 - Removal of yield-controlled northbound right-turn slip lane and construction of traditional northbound right-turn lane.
 - Pedestrian crossing improvements, including reconstruction pedestrian ramps at all corners of the intersection.
- Staff reviewed potential projects and recommended the E. University Avenue and E. 30th Street Intersection Improvements project be submitted to the IDOT for use of Traffic Safety Funds. On August 3, 2020, by Roll Call No. 20-1226, City Council authorized the submittal of FY2022 Traffic Safety Fund Application Applications to the IDOT. The City was awarded \$357,000 for the E. University Avenue and E. 30th Street Intersection Improvements project. The remaining \$643,000 cost of the project will be funded by G.O. bonds.



PREVIOUS COUNCIL ACTION(S):

Date: August 3, 2020

Roll Call Number: [20-1226](#)

Action: [Fiscal](#) Year 2022 Traffic Safety Fund Application to the Iowa Department of Transportation (IDOT). ([Council Communication No. 20-339](#)) Moved by Gatto to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Anticipated actions include approving professional services agreement for design services, ordering construction, 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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