


COUNCIL COMMUNICATION

	Number:	21-495	Meeting:	November 15, 2021
	Agenda Item:	6C	Roll Call:	21-1709
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Ordering construction of the following: E. 30th Street and E. University Avenue Intersection Improvements - Receiving bids, (12-7-21), and Setting date of hearing, (12-20-21). Construction Estimate - \$835,000.

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. The E. University Avenue and E. 30th Street Intersection 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 addition of a signal controlled and dedicated northbound right turn-lane.
- Pedestrian crossing improvements, including reconstruction pedestrian ramps at all corners of the intersection.

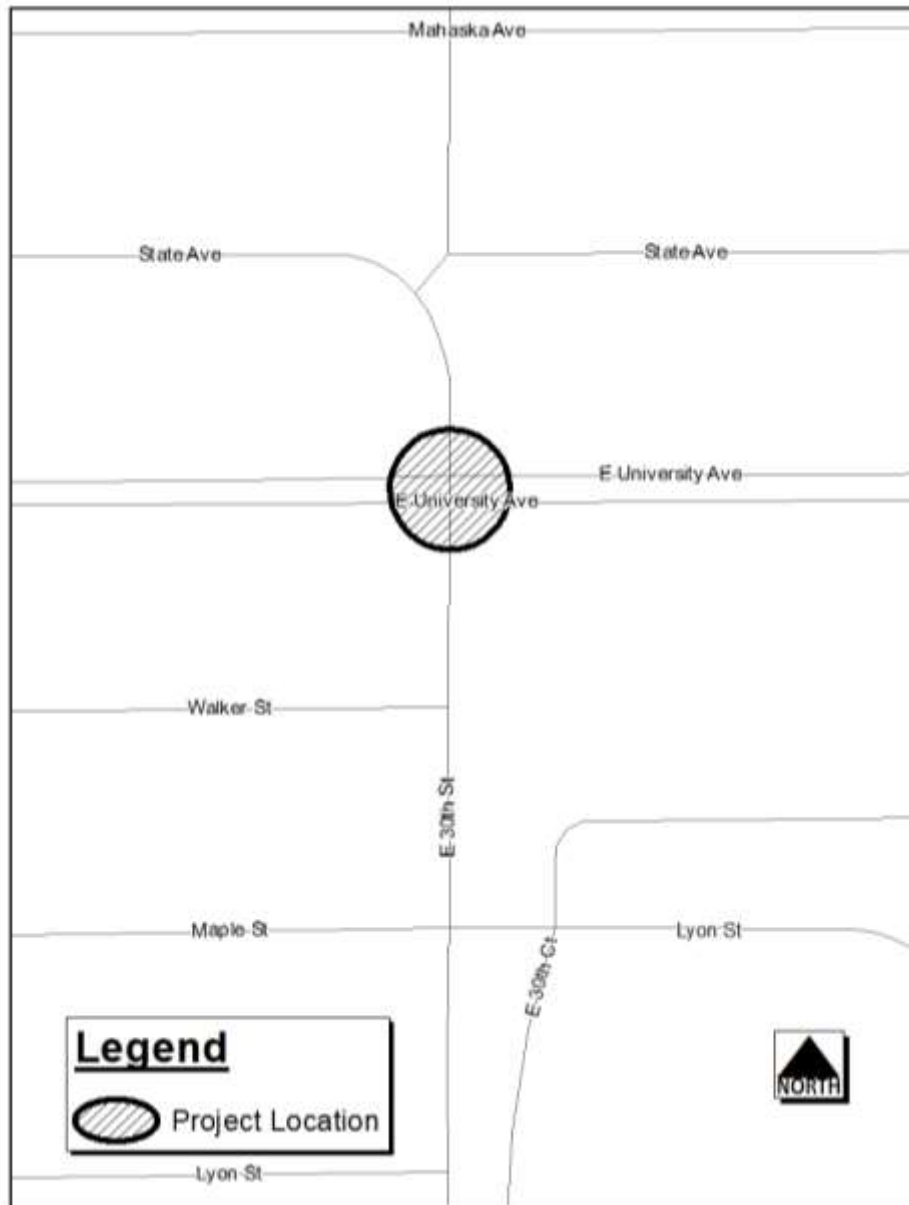
FISCAL IMPACT:

Amount: \$835,000 City Engineer's Estimate

Funding Source: 2021-2022 CIP, Page 141, E 30th Street and University Avenue, ST290, Being: \$357,000 (Max) in Iowa Department of Transportation (IDOT) Traffic Safety Improvement Funds under CS-TSF-1945(856)--85-77; Anticipated \$200,000 (Max) in IDOT Urban State Traffic Engineering Program (USTEP) Funds (55% of eligible items with a max of \$200,000); and the remaining \$278,000 in G.O. Bonds issued, ST290.

ADDITIONAL INFORMATION:

- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the E. 30th Street and E. University Avenue Intersection Improvements, Activity ID 04-2021-019. The improvement includes new traffic signals, Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) paving, PCC sidewalks, PCC curb and gutter, pavement removals, earthwork, storm sewer, intakes, pavement markings, traffic control, and surface restoration; all in accordance with the contract documents, located at the intersection of E. University Avenue and E. 30th Street.
- The estimated construction cost is \$835,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.
- The E. University Avenue and E. 30th Street intersection was ranked 12th on the IDOT Statewide Improvement Candidate List, which identifies the locations throughout the state in need of safety improvements. This project includes safety improvements, traffic signal equipment replacement, and capacity improvements.
- Construction of this project is anticipated to begin in summer 2022 and be completed in fall 2022. No work or lane closures will be allowed during the Good Guys Car Show from July 1, 2022 to July 5, 2022, or during the Iowa State Fair between August 1, 2022 and August 26, 2022.



PREVIOUS COUNCIL ACTION(S):

Date: July 19, 2021

Roll Call Number: [21-1085](#)

Action: [Approving](#) and authorizing the execution of the Iowa Department of Transportation (IDOT) Agreement for the E. 30th Street and E. University Avenue Intersection Improvements. ([Council Communication No. 21-324](#)) 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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