


COUNCIL COMMUNICATION

 CITY OF DES MOINES OFFICE OF THE CITY MANAGER	Number:	22-387	Meeting:	August 22, 2022
	Agenda Item:	7	Roll Call:	[]
	Submitted by:	Jonathan A. Gano, P.E., Public Works Director, and Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

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

SYNOPSIS:

Recommend approval of IDOT Cooperative Agreement No. 2022-16-089 IDOT funding between the City of Des Moines and IDOT for E. 30th Street and E. University Avenue Intersection Improvements.

FISCAL IMPACT:

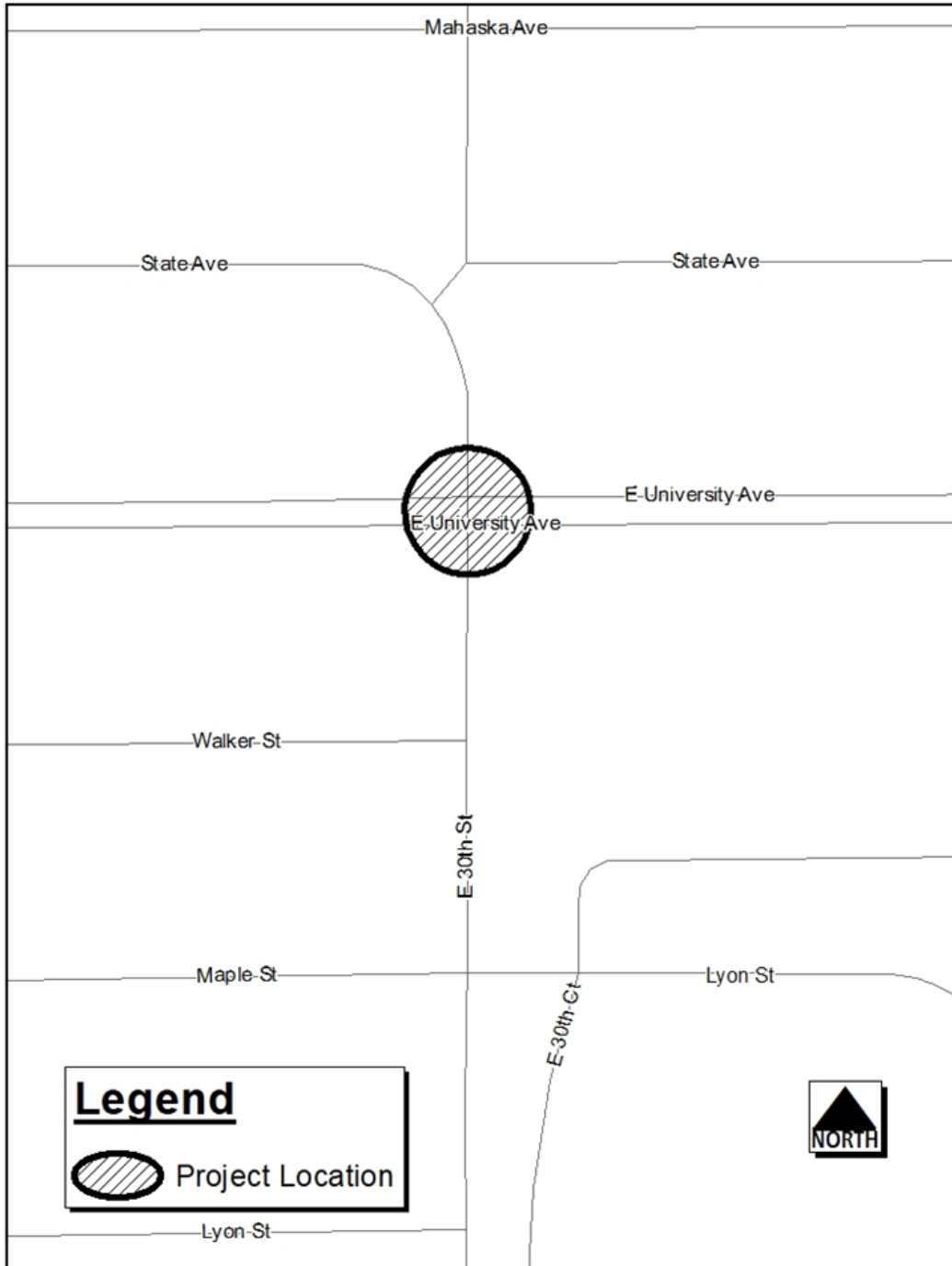
Amount: \$17,000 (Reimbursement)

Funding Source: IDOT

ADDITIONAL INFORMATION:

- The E. 30th Street and E. University Avenue intersection was ranked 12th on the IDOT's Statewide Improvement Candidate List, which identifies the locations throughout the state in need of safety improvements.
- The E. 30th Street and E. University Avenue 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.

- On August 3, 2020, by Roll Call Number 20-1226, City Council authorized the submittal of Fiscal Year (FY) 2022 Traffic Safety Fund Application Applications to the IDOT. The City was awarded \$357,000 in FY2022 Traffic Safety Funds for the E. 30th Street and E. University Avenue Intersection Improvements project.
- On July 19, 2021, by Roll Call Number 21-1085, City Council approved and authorized the execution of IDOT Agreement No. 2022-TS-008 for \$357,000 in FY2022 Traffic Safety Funds for the E. 30th Street and E. University Avenue Intersection Improvements project.
- On December 20, 2021, under Roll Call Number 21-1976, the City Council approved plans and specifications for the E. 30th Street and E. University Avenue Intersection Improvements project and designated the lowest responsible bidder as Grimes Asphalt and Paving Corporation for \$719,066.06.
- IDOT also administers the Urban-State Traffic Engineering Program (U-STEP) with the intent to solve traffic operation and safety problems on primary roads in Iowa cities. U-STEP can provide up to a maximum of \$200,000 per project for spot improvements or up to a maximum of \$400,000 per project for linear improvements - projects which span two (2) or more intersections.
- On December 13, 2021, City staff submitted a letter request to IDOT requesting \$200,000 in U-STEP funding.
- IDOT District Office approved the request for U-STEP funding in the amount of \$200,000.
- IDOT Cooperative Agreement No. 2022-16-089 provides payment for additional project extents requested by IDOT. Approximately 125 feet of additional milling and paving on the west end of the E. 30th and University Intersection project was requested by IDOT to be included with the other work to be performed. As part of this agreement, IDOT will bear the full cost of the requested additional work.
- Construction of this project began in summer 2022 and is ongoing. No work or lane closures were allowed during the Good Guys Car Show from July 1, 2022 to July 5, 2022, nor will work occur during the Iowa State Fair between August 1, 2022 and August 26, 2022.
- The E. 30th and University Intersection Improvement Project is now approximately 80% complete with the remaining major components of work yet to be completed being the installation of the permanent traffic signals, site restoration and cleanup. Completion of the project is anticipated to be in the fall of 2022.



PREVIOUS COUNCIL ACTION(S):

Date: December 20, 2021

Roll Call Number: [21-1976](#) and [21-1977](#)

Action: [E. 30th Street and E. University Avenue Intersection Improvements](#): Resolution approving plans and specifications, form of contract documents, Engineer's estimate, receive and file bids, and designating the lowest responsible bidder as Grimes Asphalt and Paving Corporation, (Timothy Mallicoat, President), \$719,066.06. ([Council Communication No. 21-560](#)) Moved by Westergaard to adopt. Motion Carried 7-0.

- (A) [Approving](#) contract and bond and permission to sublet. Moved by Westergaard 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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