


# COUNCIL COMMUNICATION

 CITY OF DES MOINES OFFICE OF THE CITY MANAGER	Number:	<b>23-530</b>	Meeting:	<b>December 4, 2023</b>
	Agenda Item:	<b>7C</b>	Roll Call:	<b>23-1679</b>
	Submitted by:	<b>Jonathan A. Gano, P.E., Public Works Director, and Steven L. Naber, P.E., City Engineer</b>		

## AGENDA HEADING:

Ordering construction of the following: University Avenue – 39th Street to 48th Street Improvements – Receiving bids, (1-9-24), and Setting date of hearing, (2-5-24). (Construction Estimate - \$4,175,000).

## 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 will resurface deteriorated roadway pavement on University Avenue from 39th Street to approximately 600 feet west of 48th Street and on 42nd Street from Crocker Street and University Avenue. This section of University Avenue will be converted to a three (3)-lane facility with buffered on-street bike lanes including the following improvements:

- Improving sidewalk curb ramps at intersections along the corridor to meet Americans with Disabilities Act (ADA) guidelines.
- Adding a midblock pedestrian crossing with a refuge island on University Avenue between the intersections of 39th Street and 40th Street, 41st Street and 42nd Street, and 45th Street and 46th Street.
- Replacement of storm sewer near the intersection of University Avenue and 39th Street to increase capacity and replace deteriorated infrastructure.
- Replacement of traffic signals on University Avenue at the intersections with Polk Boulevard and 42nd Street.
- Installation of a 10-foot-wide multi-use trail on the south side of University Avenue from 4908 University Avenue to the intersection of Polk Boulevard.
- Installation of off-street protected cycle tracks on University Avenue between 41st Street and 42nd Street.

## FISCAL IMPACT:

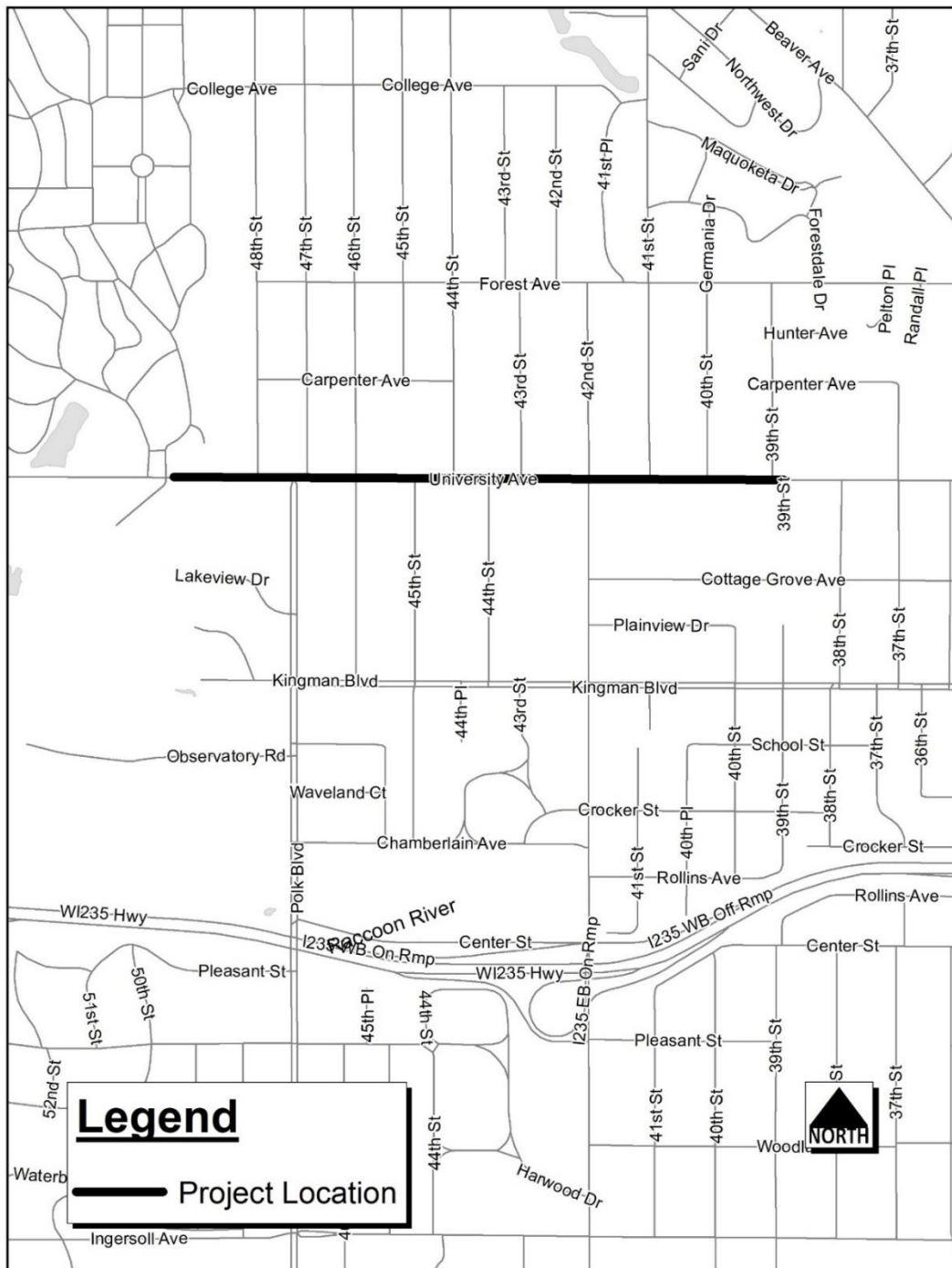
Amount: \$4,175,000 City Engineer's Estimate

Funding Source: 2023-2024 Capital Improvement Program (CIP), Page 128, University Avenue – 48th Street to 31st Street, ST275, Being: \$1,000,000 General Fund transfer made possible with American Rescue Plan Act (ARPA) Funds (Stormwater), \$2,384,655 in G.O. Bonds, \$194,835 in Storm Water Funds transferred from SM057, \$444,000 in Road Use Tax Funds transferred from ST260, and the remaining \$151,510 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 University Avenue – 39th Street to 48th Street Improvements, Activity ID 06-2023-002. The improvement includes Hot Mix Asphalt (HMA) pavement, Portland Cement Concrete (PCC) sidewalk and driveways, pavement removal, water main adjustments, water service replacement, storm sewer installation, manholes, intakes, pavement markings, traffic control, erosion control, surface restoration, and other incidental items, all in accordance with the contract documents, including Plan File No. 660- 058/196, located on University Avenue from 39th Street to 48th Street and on 42nd Street from Crocker Street to University Avenue.
- The estimated construction cost is \$4,175,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.
- The goals of this project include:
  - Improving roadway safety for all roadway users by converting the cross section from a five (5)-lane roadway to a three (3)-lane roadway with buffered bicycle lanes and improved pedestrian crossings.
  - Providing a consistent, right-sized corridor, consistent with the rest of the University Avenue corridor from 25th Street to 63rd Street.
  - Resurfacing the roadway to address the existing deteriorating pavement surface.
- In 2018, a traffic study of the University Avenue Corridor from 63rd Street to 41st Street was completed and recommended converting the roadway corridor from a four (4)-lane/five (5)-lane roadway to a three (3)-lane roadway. The daily traffic volumes along the entire University Avenue corridor from 63rd Street to 25th Street are well below the typical daily volumes that can be handled by a three (3)-lane roadway.
- In 2019, University Avenue from 63rd Street to approximately 600 feet west of 48th Street was converted from a four (4)-lane roadway to a three (3)-lane roadway as part of two (2) resurfacing projects.
- In 2020, University Avenue from 25th Street to 31st Street was converted to a three (3)-lane roadway with on-street bike lanes as part of a City sewer separation project and streetscape improvements planned by Drake University.
- A virtual public meeting was held on January 5, 2022, to present planned improvements to University Avenue from 48th Street to 31st Street.
- With the storm sewer improvements planned as part of the Closes Creek Watershed Improvements between 42nd Street and 39th Street, as well as the storm sewer improvements needed as part of the Western Ingersoll Sewer Separation between 39th Street and 35th Street, the University Avenue from 48th Street to 31st Street improvements are being constructed in two (2) phases, east and west of 39th Street respectively.
- University Avenue from 31st Street to 39th Street is currently under construction to convert this segment of the roadway to a three (3)-lane facility with buffered on-street bike lanes.

- The University Avenue – 39th Street to 48th Street Improvements, which is the final segment of the University Avenue corridor improvements from 25th Street to 63rd Street, is anticipated to start construction in the spring 2024 and be completed in the summer 2025.



**PREVIOUS COUNCIL ACTION(S):**

Date: December 12, 2022

Roll Call Number: [22-1949](#) and [22-1950](#)

Action: On University Avenue – 39th Street to 25th Street Improvements: Resolution approving plans, specifications, form of contract documents, engineer’s estimate, receive and file bids, and designating the lowest responsive, responsible bidder as All Star Concrete, LLC (Alex Vazquez, Member and Manager), \$3,052,375. ([Council Communication No. 22-553](#)) Moved by Mandelbaum to adopt. Second by Sheumaker. Motion Carried 7-0.

(A) Approval of contract and bond and permission to sublet. Moved by Mandelbaum to adopt. Second by Sheumaker. Motion Carried 7-0.

**BOARD/COMMISSION ACTION(S):**

Board: Transportation Safety Committee

Date: February 8, 2022

Resolution Number: University Avenue Improvements – 31st Street to Waveland Golf Course

Action: Motion was made by Brianna Sanchez to approve the proposed concept plan of improvement for the University Avenue corridor between 31st Street and Waveland Golf Course; seconded by Giada Morresi. Motion passed 7-0.

**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.

For more information on this and other agenda items, please call the City Clerk’s Office at 515-283-4209 or visit the Clerk’s Office on the first floor of City Hall, 400 Robert D Ray Drive. Council agendas are available to the public at the City Clerk’s Office on Thursday afternoon preceding Monday’s Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk’s Office or sending their request via email to [cityclerk@dmgov.org](mailto:cityclerk@dmgov.org).