


COUNCIL COMMUNICATION

	Number:	24-048	Meeting:	February 5, 2024
	Agenda Item:	40	Roll Call:	24-0207
	Submitted by:	Jonathan A. Gano, P.E., Public Works Director; and Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Hearing on University Avenue - 39th Street to 48th Street Improvements: Resolution approving plans, specifications, form of contract documents, engineer's estimate, receive and file bids, and designating lowest responsible bidder as Jasper Construction Services, Inc., Cliff Rhoads, President, \$4,373,041.85.

SYNOPSIS:

This is a public hearing to allow for public input on the University Avenue - 39th Street to 48th Street Improvements and take the necessary actions as required by the Iowa Code to authorize a contract for construction of the proposed project. 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:

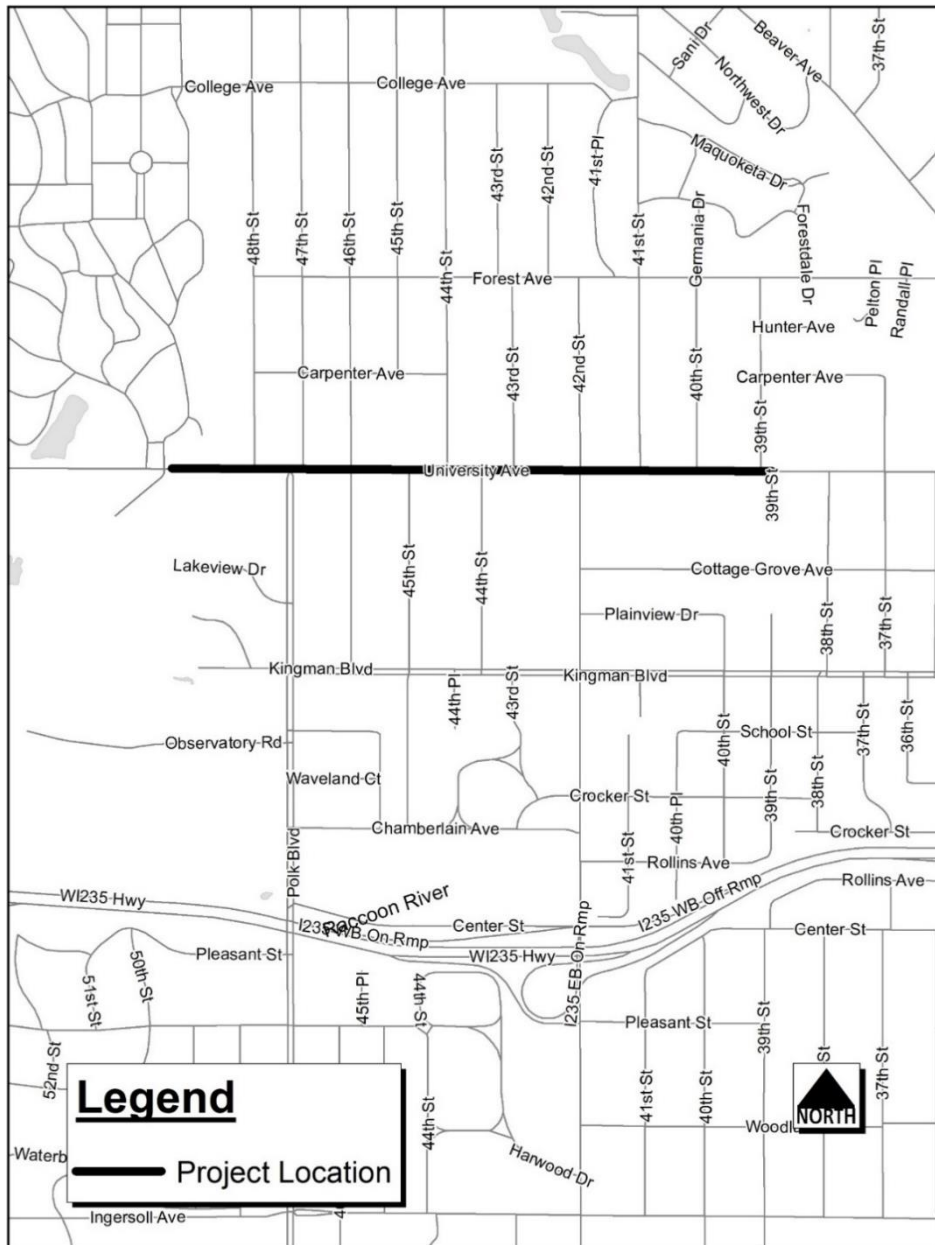
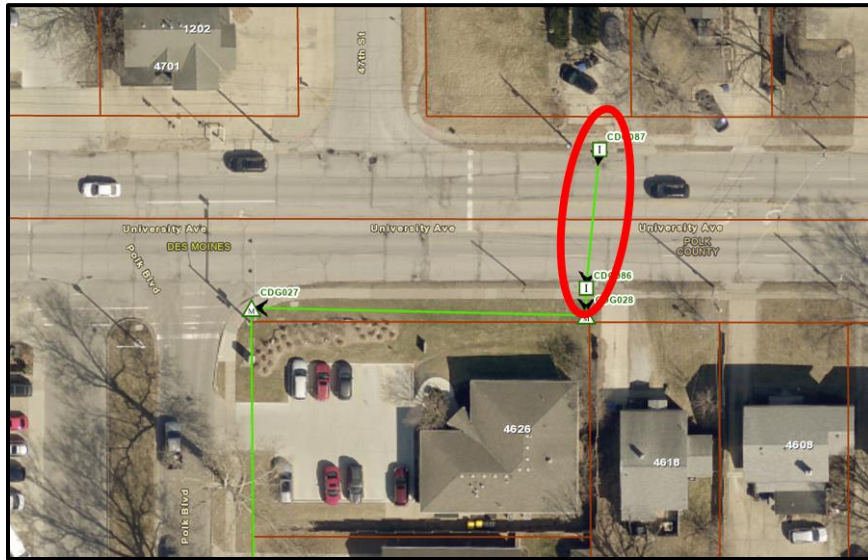
Amount: \$4,373,041.85 Construction Contract (\$4,175,000 City Engineer's Estimate)

Funding Source: Fiscal Year (FY) 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), \$2,606,775.85 in G.O. Bonds, \$125,405 in Storm water Funds transferred from SM057, \$466,611 transferred from ST260, and the remaining \$174,250 from Des Moines Water Works

ADDITIONAL INFORMATION:

- On December 4, 2023, under Roll Call No. 23-1679, the City Council received and filed plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the University Avenue - 39th Street to 48th Street Improvements. Before the City Council can enter into a contract, it must hold a public hearing and approve the proposed plans, specifications, and form of contract documents and 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 in Des Moines, IA.
- Sealed bids for said improvement were submitted by the following bidders:
 - Jasper Construction Services, Inc., Newton, IA - Low Bid
 - Grimes Asphalt and Paving Corporation, Des Moines, IA
 - Mainline Construction, Inc., Bondurant, IA
 - Shekar Engineering, P.L.C., Des Moines, IA
 - S. M. Hentges & Sons Inc., Jordan, MN
- The bids were received and opened at a public meeting presided over by the City Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, IA at 11:00 a.m. on January 9, 2024.
- The City Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Jasper Construction Services, Inc. (Cliff Rhoads, President, 928 N 19th Avenue East, Newton, IA 50208) in the amount of \$4,373,041.85, and said bid should be accepted. The Finance Director has determined that funds are available for said improvement as stated above.
- 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.
- As part of the motion on December 4, 2023, under Roll Call No. 23-1679, for ordering construction of the University Avenue – 39th Street to 48th Street Improvements, Councilmember Coleman referred to the City Manager to ask staff to come with a plan for the proposed storm sewer improvements identified in the Storm Water Master Plan in the vicinity of University Avenue and Polk Boulevard.
- In response, City Engineering and Public Works staff met and decided to include in the Project the replacement and upsizing of an existing storm sewer crossing University Avenue, east of 47th Street (as shown exhibit with pipe circled below), identified in the Storm Water Master Plan in need of rehabilitation. This addresses the work identified in the Storm Water Master Plan that would potentially be most impactful to the University Avenue pavement.



PREVIOUS COUNCIL ACTION(S):

Date: December 4, 2023

Roll Call Number: [23-1679](#)

Action: Ordering construction of the following:

- (C) [University](#) Avenue – 39th Street to 48th Street Improvements: Receiving of bids, (1-9-24) and Setting date of hearing, (2-5-24), Engineer’s estimate, \$4,175,000. ([Council Communication No. 23-530](#)) Moved by Coleman to adopt and refer to the City Manager to make sure that the stormwater and reconstruction projects can be done in unison before the February 5, 2024, hearing date or delay the project. Second by Gatto. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S):

Board: Transportation Safety Committee

Date: February 8, 2022

Resolution: 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:

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.