

COUNCIL ACTION FORM

**SUBJECT: 2021/22 CONCRETE STREET PAVEMENT IMPROVEMENTS
(STANGE ROAD AND 24TH STREET)**

BACKGROUND:

This is an annual program to rehabilitate or reconstruct concrete street sections that have deteriorated. This work will provide enhanced rideability to residents and visitors. **This project includes Stange Road from Blankenburg Drive to 24th Street, the intersection of Stange Road and 24th Street, and 24th Street from Pinehurst Drive to Hayes Avenue.**

Stange Road will be reconstructed with concrete and will include minimal changes to the existing lane configuration. The project includes improvements to the storm sewer system, additional sidewalk on the east side of Stange Road to tie into ISU's existing sidewalk system, and improved bus stop locations.

24th Street will also be reconstructed with concrete and will be converted from a four-lane section to a three-lane section from Stange Road to the railroad tracks. Forecasted traffic volumes and turning counts support this lane reduction. Another area that will be addressed on 24th Street is the large volume of storm water that accumulates on the outside lanes. To address this, the project will include the addition of several new storm water intakes along 24th Street. The reduction to a three-lane section will also help by reducing the impervious area and by providing space behind the new curb along 24th Street where shallow storm water swales will be constructed.

As part of this project, the City will be reconstructing the approaches to the Union Pacific Railroad crossing west of Hayes Avenue. This will include the connection of the sidewalk on the north side of 24th Street. This work was detailed in the Construction and Maintenance Agreement with Union Pacific Railroad previously approved by City Council.

A project webpage has been created containing project information, a video, and an opportunity to provide feedback. Staff mailed notices to impacted residents and businesses, and a press release informed the public. Staff also had meetings with Iowa State University staff where they provided input and feedback on the plans.

The 2021/22 Concrete Pavement Improvements program also includes the reconstruction projects of N. 2nd Street and for S. Kellogg Avenue that are nearing completion. Overall program funding includes \$3,500,000 in GO Bonds, of which \$900,000 is being utilized for the N. 2nd Street and S. Kellogg Avenue projects, leaving \$2,600,000 available for this Stange Road/24th Street project.

A summary of funding sources and projected expenses is shown below.

Funding Source	Available Revenue	Estimated Expenses
GO Bonds 2021/22 Concrete Improvements	\$ 2,600,000	
MPO SWAP Funds	1,600,000	
Water Quality Funds	100,000	
Unobligated GO Bonds	500,000	
Union Pacific Agreements		\$ 117,270.00
Engineering/Administration		600,000.00
Stange and 24 th Construction (EST)		4,043,624.44
TOTAL	\$ 4,800,000	\$ 4,760,894.44

This project will have a January 18, 2023, bid letting conducted through the Iowa Department of Transportation (DOT), which is a requirement of using the MPO/Federal/State funding. This project will have a late start date of April 3, 2023. The project will be completed over 2 years with 130 working days for each 2023 and 2024.

ALTERNATIVES:

1. Approve plans and specifications for 2021/22 Concrete Pavement Improvements (Stange and 24th) and establish **January 18, 2023**, as the date of letting and **January 24, 2023**, as the date for report of bids.
2. Do not approve this project.

CITY MANAGER'S RECOMMENDED ACTION:

Approval of the plans and specifications will continue to keep this project on the Iowa DOT's January 18, 2023 letting schedule. Delay or rejection of these plans and specifications would result in a loss of SWAP funding for the project and delay the letting by a minimum of two months.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.