

Memorandum

To: Honorable Mayor and City Council, City of Princeton

From: Jenn Edison, PE, City Engineer, WSB

Date: March 14, 2024

Re: Authorize Bidding for the 7th Avenue Reconstruction Project
 Authorize Bidding for the North Lift Station Improvements Project

The reconstruction of 7th Avenue N (CSAH 4) in Princeton has been previously identified as a priority project for both the City of Princeton and Mille Lacs County. The project limits extend from Rum River Drive north to 12th Street. A cooperative agreement has previously been signed by both Mille Lacs County and the City of Princeton which has determined the funding breakdown between the two agencies.

The project includes the full reconstruction of 7th Avenue to a hybrid street section, with curb and gutter, parking, and sidewalk on the east side, and a rural street section on the west side. Full sanitary sewer and watermain replacement will be part of the project, as well as improvements at two different intersections. A mini roundabout has been designed at the intersection of 7th Avenue N / 12th Street to improve traffic safety and operations during peak hour. Additional intersection improvements include re-aligning 7th Avenue at Rum River Drive to remove the skewed intersection.

Improvements to the North Lift Station are also under final design and will be bid as a separate bid package. The North Lift Station located at the intersection of 5th St and 6th Ave pumps wastewater from the north portion of the city under the Rum River to a gravity sewer in the central part of the system, from where it flows on to the Main Lift Station. The North Lift Station has less than ten percent pumping capacity remaining, and its electrical control systems are outdated and dysfunctional. The lift station will be reconstructed in its entirety, its capacity will be increased, and a new larger forcemain will be directionally drilled under the Rum River.

The reconstruction of the lift station and forcemain is anticipated to take 6 to 10 weeks and would occur in late summer or fall of 2024 once the new pumps and control panel are in hand.

The construction plans for both the street reconstruction project and the North Lift Station Improvements are not yet complete and State Aid has still not completed their final review; however, to meet the approval dates for the City Council and to bid the project as soon as able, we are recommending Council authorize bidding at this time. Bids cannot be opened without final State Aid approval, which includes a title sheet signed by the state aid engineer.

Staff have put together the following schedule for bidding the project:

Council Authorizes Bidding	March 28, 2024
Open Bids	April/May 2024
Award Project	May 2024
Start Construction	June 2024
Final Completion	November 2024