

Memorandum

TO: City Council
FROM: Stephanie Smith , City engineer
DATE: April 7, 2025
SUBJECT: Approve plans and specifications and order advertising for bids for the 2025 Sewer Lining Project, city project 25-03
ITEM NUMBER: 8.g
SECTION: CONSENT AGENDA

REQUESTED MOTION

To adopt resolution 25-28, approving the plans and specifications and ordering the taking of bids for the 2025 Sewer Lining Project, city project 25-03.

INTRODUCTION

Shoreview's infrastructure replacement plan and capital improvement plan includes funding for sewer lining in 2025. Plans and specifications are essentially complete and council action is required to approve the plans and specifications and order the taking of bids.

DISCUSSION

Many of Shoreview's sanitary sewer mains were constructed in the 1950s and 1960s, utilizing clay and reinforced concrete pipe. Over time the joints have failed, allowing tree roots and stormwater soaking in the ground to enter the sewer. This pipe material is also susceptible to cracking and construction damage. The Metropolitan Council Environmental Services (MCES) has identified significant amount of stormwater flow into Shoreview's sanitary sewer system.

Staff identified pipe lining as a cost-effective and minimally invasive means of correcting leaking pipes. The contractor installs a new pipe made of a felt liner and resin, inside the original pipe without digging up streets or yards. The liner pipe is inserted into the main through existing maintenance accesses and cured in place with heated water or steam. Service line connections are reopened using a robot and camera to prevent the need to dig up service lines. During the process, existing flows are bypassed down the line to minimize service interruptions.

This year's project includes lining approximately 3 miles of pipe in multiple neighborhoods, which were identified by maintenance staff as needing repair or as sources of infiltration leaking. Pipe lining areas include south and southeast of Turtle Lake, Gramsie Road near Grass Lake and the Highland/Brigadoon neighborhood southwest of Snail Lake.

The current capital improvement plan includes a budget of \$760,000 for the project that includes construction, engineering, administrative costs and contingencies. The project will be funded from the sanitary sewer fund.

Plans and specifications are essentially complete and are available in the office of the city engineer. Due to the anticipated costs for the project, a public, lowest-qualified bidder process will be used to solicit and evaluate contractor bids. City council must order the advertisement for bids to begin this process.

RECOMMENDATION

It is recommended the city council adopt the attached resolution 25-28, and approving the plans and specifications and ordering the taking of bids for the 2025 Sewer Lining Project, city project 25-03.

ATTACHMENTS

[Resolution 25-28_2025 Sanitary Sewer Lining CP 25-03_Accept Plans and Approve Ad for Bid.docx](#)