

## **FORCE MAIN REPLACEMENT** Protecting the City's Sewer Service

## FUNDING REQUEST

The City of Taylors Falls is requesting \$1.5 million in state bonding funds to replace a failing 8-inch cast iron sanitary sewer force main that serves the entire City-owned collection system.

## PROJECT BENEFITS

#### **Protects Public Health**

Prevents sewer backups and overflows that threaten homes and streets

#### **Preserves the Environment**

Reduces risk of sewage spills near the nationally protected St. Croix River

#### **Improves System Reliability**

Replaces failing pipe with modern, corrosion-resistant materials and surge control features

#### Saves Money

Eliminates emergency repair costs and reduces operational risks

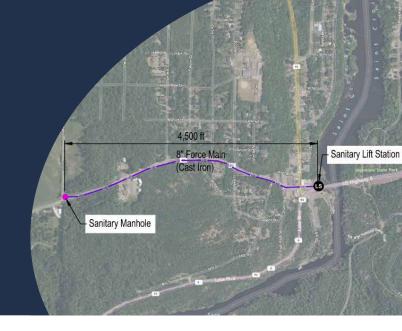
#### Supports the Entire System

All homes and businesses tied to the City's sanitary sewer network depend on this pipe

## CONTACT

## JAKE GUZIK

**City Engineer, ISG** Jake.Guzik@ISGInc.com 612.353.7042



### PROJECT BACKGROUND

The City's entire sanitary sewer collection system flows downhill to a single point near downtown Taylors Falls, near the St. Croix River. From there, all collected wastewater is pumped uphill through an 8-inch, 4,500-foot-long force main that climbs 290 feet in elevation, which is almost the height of the Cathedral of Saint Paul. The elevation creates high pressure and a water hammer—sudden surges inside the pipe when pumps cycle on and off. Combined with corrosion from decades of service, the pipe now suffers frequent breaks and costly emergency repairs.

The City is seeking to replace the force main that is critical to the City's sewer infrastructure. The pipe is old, breaks frequently, and carries all wastewater from properties connected to the City's sanitary sewer system. A new pipe will ensure safe, reliable service and protect the environment.

Cathedral of Saint Paul ► Saint Paul, MN

290 FEET! - - - -Same elevation as pipe needing to be replaced

# COMMITMENT

The City is prepared to fully bond for the project if state funding is not awarded. However, this would place a significant financial burden on the community.

#### **DESIGN + CONSTRUCTION**

SCHEDULE December 2025: Design Complete 2026: Construction