Mound Sanitary Sewer Replacement Project

Public Open House

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5/13/2024



Project Team

Jeny Baroda

- Principal Engineer, Metropolitan Council
- Project Manager

Ron Grajczyk

• Construction Contract Administrator, Metropolitan Council

Cori Wallis

Construction Contract Administrator, Metropolitan Council

Jana Larson

• Senior Outreach Coordinator, Metropolitan Council

Agenda

- Welcome
- What is the Metropolitan Council?
- Project Information
- Impacts to the Community
- Project Benefits to the Community
- Schedule
- Project Communications
- Questions
- Continue Open House

Metropolitan Council

Wastewater and Water Mission

We partner, plan, and provide services to protect our region's water.

WHO WE SERVE

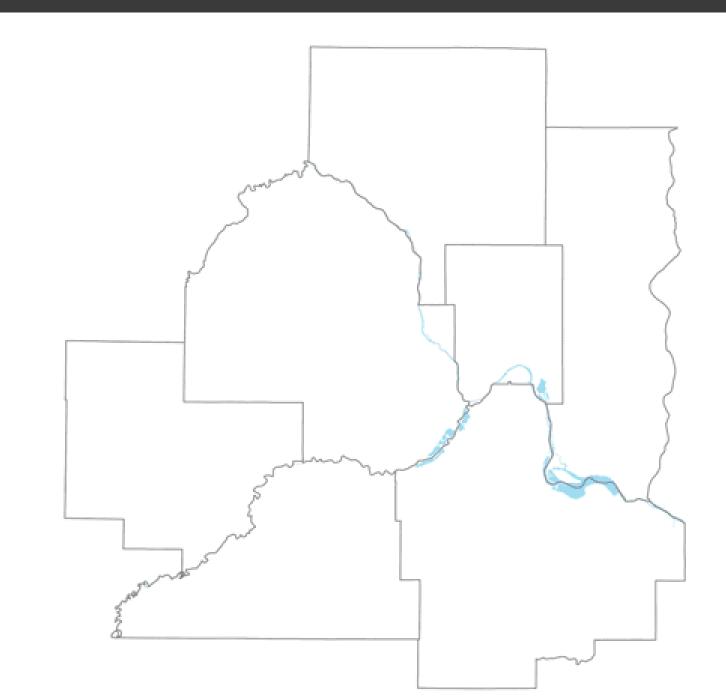
7-county Twin Cities Metro Area111 communities2,700,000 people

OUR FACILITIES

9 wastewater treatment plants640 miles of interceptors250 million gallons per day (avg)

OUR ORGANIZATION

600+ employees\$7 billion in valued assets\$350 million / yr budget



Project Information

- Improvements are required to repair corroded sewer pipe in poor condition
- Located in the Cities of Mound and Spring Park
- Pipe 6-MO-650 is located along Shoreline Dr



Site 1 – Shoreline Dr and Auditors Rd

Gravity pipe near Auditors Rd has a sag

- Replace 400 ft of 24-inch gravity pipe
- Replace four manhole structures
- Open-cut method traditional method of digging to remove the pipe section
- Temporary conveyance and traffic control











Site 2 – Shoreline Dr Between Chateau Ln and West Arm Rd

Force main pipe along the shoulder is old with multiple past breaks

- Replace 2,000 ft of 10-inch force main pipe
- All structures along this pipe section will be replaced
- Pipe bursting method trenchless technology for breaking pipe in place

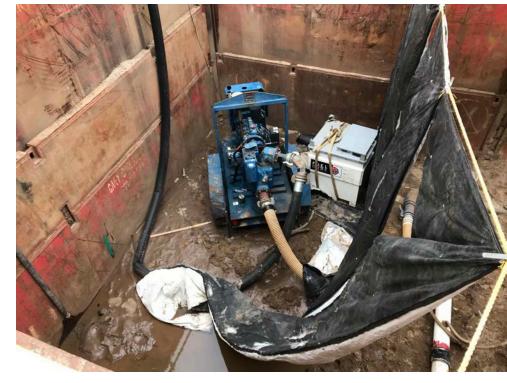






Temporary Conveyance System

- Reroutes wastewater from the original pipe into temporary pipe during construction.
- Temporary pipes will lay on the ground.
- Requires a temporary pumping station to pump the flow out from the original pipe into the temporary pipe above ground.
- Pipes will be buried under driveways/roadways to allow access for residents and businesses.
- A short-term closure of the road or driveway will be required to bury the pipes.







Pipe Bursting Method

What is pipe bursting?

- Innovative method of replacing old or damaged pipes buried underground without completely digging them up
- A specialized tool is inserted into the pipe which breaks or splits the pipe in place.
- A new pipe is then pulled in behind the specialized tool to replace the old pipe.

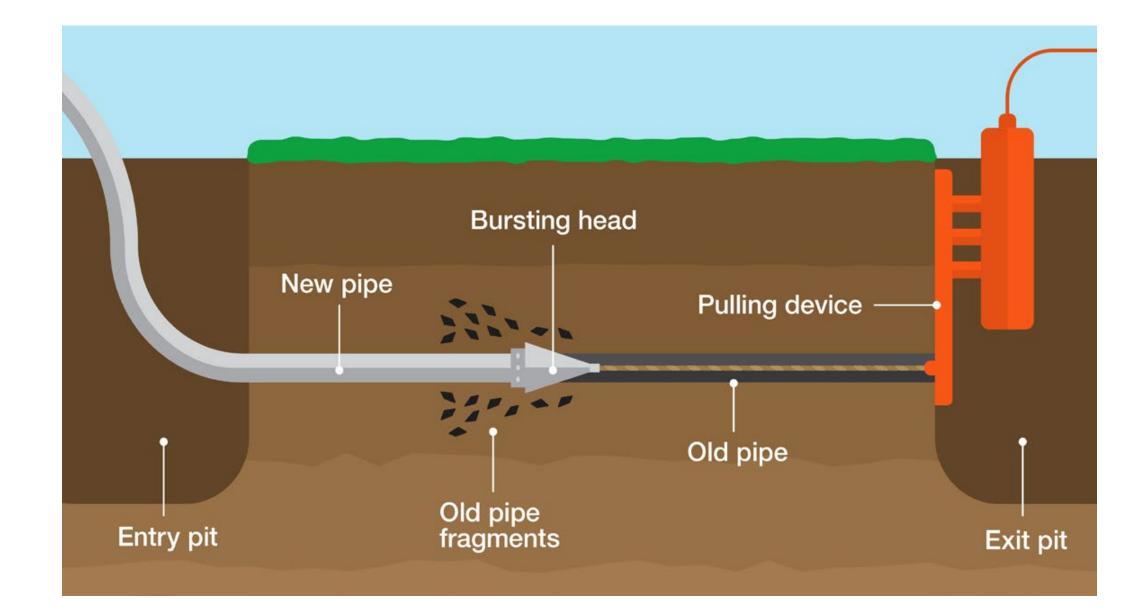
What are the advantages?

- Minimal disruption
- Eco-friendly
- Fast and easy
- **Cost-effective**
- Versatile





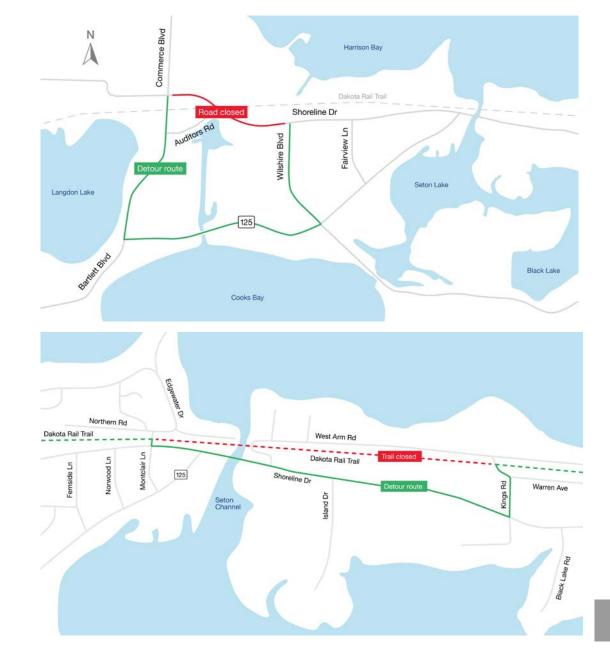
Pipe Bursting Method Graphic



Impacts to the Community

We will do our best to minimize impacts, but some temporary inconveniences may occur:

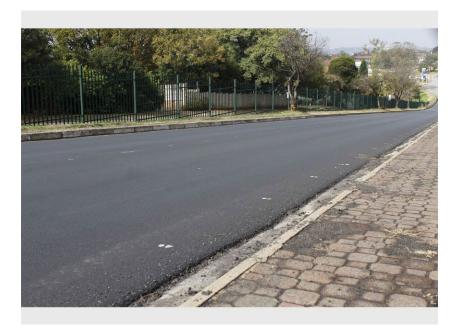
- Temporary road and trail closures and detours
- Temporary driveway closures
- Contractor equipment locations
- 24-hour pumps
- Periodic overnight work
- Lights, odor and dust
- General noise and vibration
- Temporary conveyance pipes
- Manhole excavation
- Excavation around Auditors Road



Project Benefits to the Community

- Continuous, reliable, long-term service for local and regional sewage flows
- New roadway surface at end of the project Hennepin County will be resurfacing Shoreline Dr in 2025
- Coordination with Hennepin County and the Cities of Mound and Spring Park on area projects will reduce disruption
- Restoration after Met Council and Hennepin County projects will leave the area in original or better condition







Schedule

Project timeline:

- June 2024 Construction begins
- September 2024 Site 1 planned completion
- April 2025 Site 2 planned completion
- September 2025 Final completion



Project Communication

- Coordination between the cities, county and Met Council projects
- Emergency/other services notification
- Frequent and consistent notifications regarding potential project impacts, such as:
 - Driveway or road closures
 - Detour maps
 - Utility disruptions
 - Excavation
 - Tree removal or landscaping
 - Restoration
- Subscribe to email and text updates

Examples of Communication Materials

Direct Mail Flyer/Door Hangers Hello Neighbor! NOTICE OF SEWER IMPROVEMENT 390 Robert Street North Saint Paul, MN 55101-1805 METROPOLITAN UPCOMING SEWER WORK IN YOUR AREA From [date range], we will be working to improve sewer pipes and manholes along [street]. 👳 [project website] view an interactive project map sign up for email or text alerts 🖨 [project email] $\langle \rangle$ J [project hotline]

Electronic Communication

About Us | Meetings and Committees | Data & Maps | Contracting Opportunit

PLANNING COMMUNITIES HOUSING PARKS TRANSPOR



MOUND SANITARY SEWER REPLACEMENT PROJECT

ES Project No. 819022

Construction Updates



Project Update - May 2, 2024: Open House May 13, 2024 (PDF). See previous Project Updates below.

To receive project updates via email or text, sign up using the Enewsletter/SMS subscription form on the right.

Project overview

Metropolitan Council Environmental Services (ES), operator of the metro area wastewater collection and treatment system, is rehabilitating aging deteriorating sanitary sewer pipes (called interceptors) in the cities of Mc and Spring Park starting in spring 2024. These improvements will rehabilitate infrastructure, provide capacity for future growth and increas reliability.

es Jobs	Contact Us	
TATION	WASTEWATER & WATER	
	CAPITAL IMPROVEMENT PROGRAM ES Program 8190	
	CONTACT US	
•	Contact project staff with questions or concerns about this construction project.	
	Email: Connect@ MoundInterceptor.com	
	Phone: 952-491-0074	
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lound	ENEWSLETTER / TEXT	
ase	Sign up for email or text alerts	

Metropolitan Council

14

Project Contacts

- Email: Connect@MoundInterceptor.com
- Hotline: (952) 491-0074
- Website: metrocouncil.org/SewerConstruction/MoundInterceptor



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