Mound Sanitary Sewer Replacement Project

Public Open House
Project Team

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  - Principal Engineer, Metropolitan Council
  - Project Manager

- **Ron Grajczyk**
  - Construction Contract Administrator, Metropolitan Council

- **Cori Wallis**
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- **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
Wastewater and Water Mission
We partner, plan, and provide services to protect our region’s water.

WHO WE SERVE
7-county Twin Cities Metro Area
111 communities
2,700,000 people

OUR FACILITIES
9 wastewater treatment plants
640 miles of interceptors
250 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
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

Electronic Communication

MOUND SANITARY SEWER REPLACEMENT PROJECT
ERS Project No. 996022

Project Alert
Project Update: May 3, 2023 - Open House May 15, 2024 (PDF). See process Project Updates below.
To receive updates via email or text, sign up using the E-newsletter subscription form on the right.

Project overview
Metropolitan Council Environmental Services (MCE), operator of the metro-
area wastewater collection and treatment system, is rehabilitating aging and
decomposing sanitary sewer pipes (field interception) in the cities of Mound
and Spring Park starting in spring 2023. These improvements will
renovate infrastructure, provide capacity for future growth and decrease
reliability.
Project Contacts

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

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