



Mound Sanitary Sewer Replacement Project

Public Open House



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 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

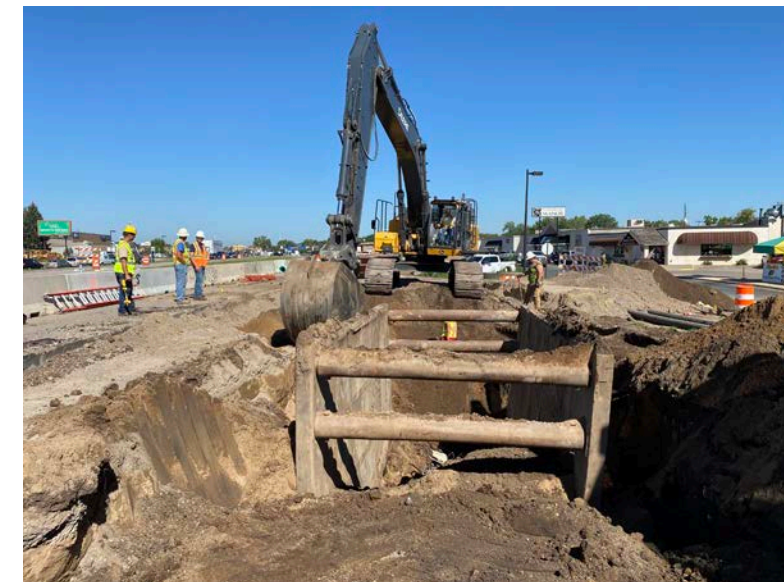
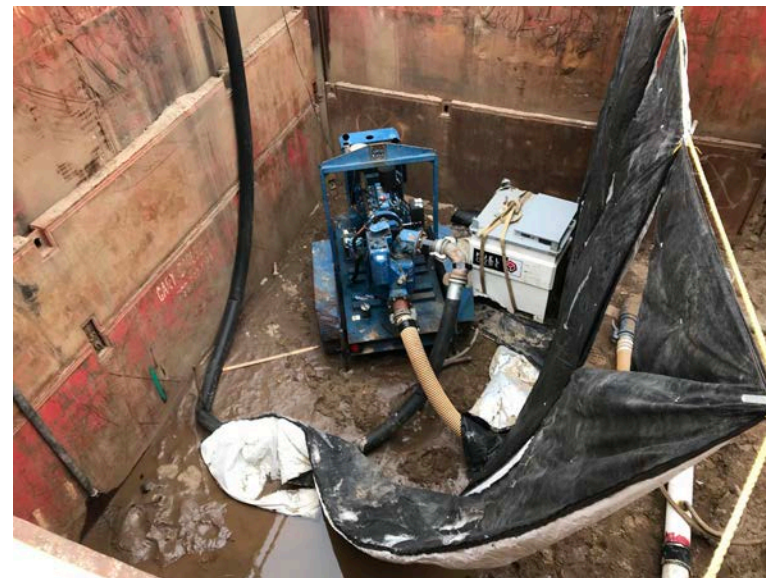
- Improvements are required to repair corroded sewer pipe in poor condition
- Located in the Cities of Mound and Spring Park
- Pipe 6-MO-650 is located along Shoreline Dr



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

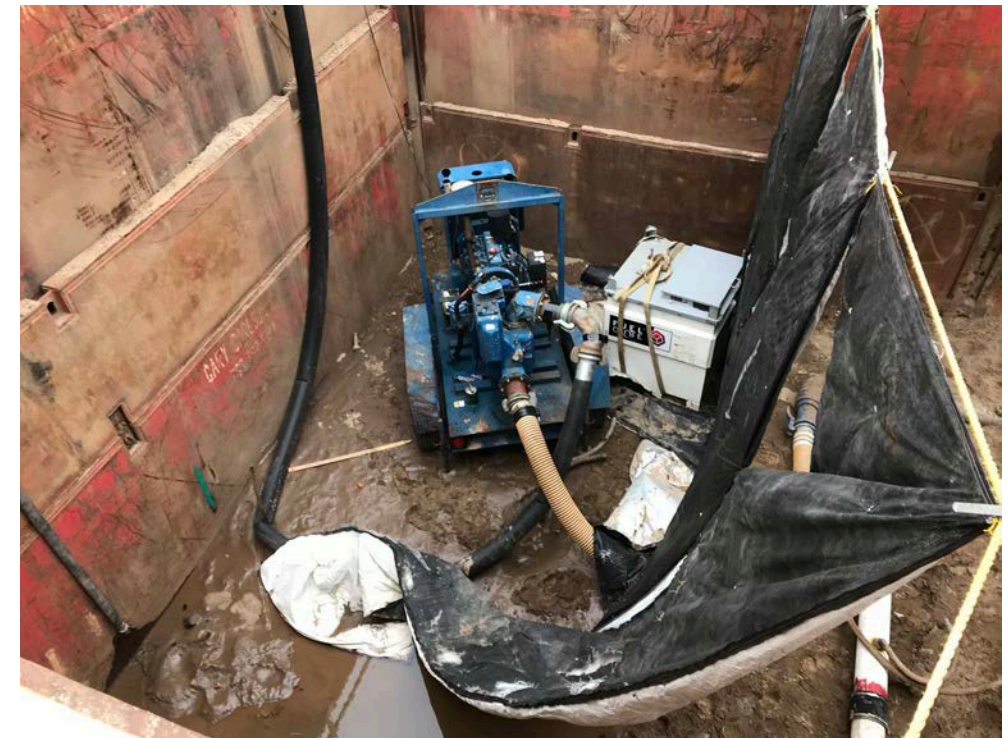
Force main pipe along the shoulder is old with multiple past breaks

- 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

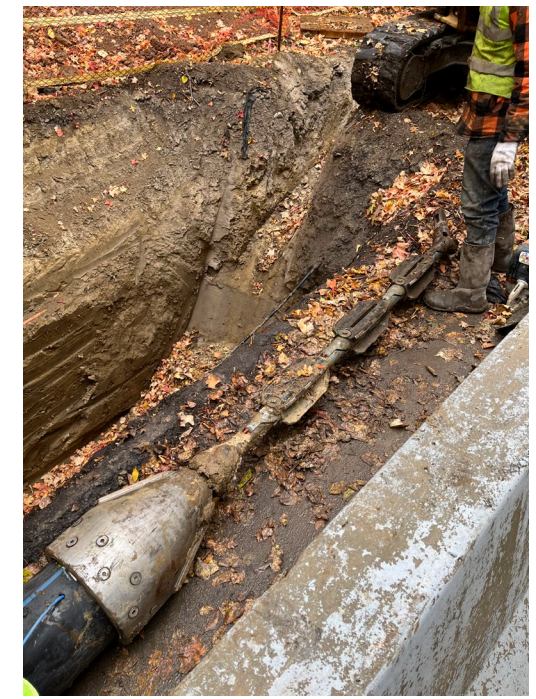
What is pipe bursting?

- 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.

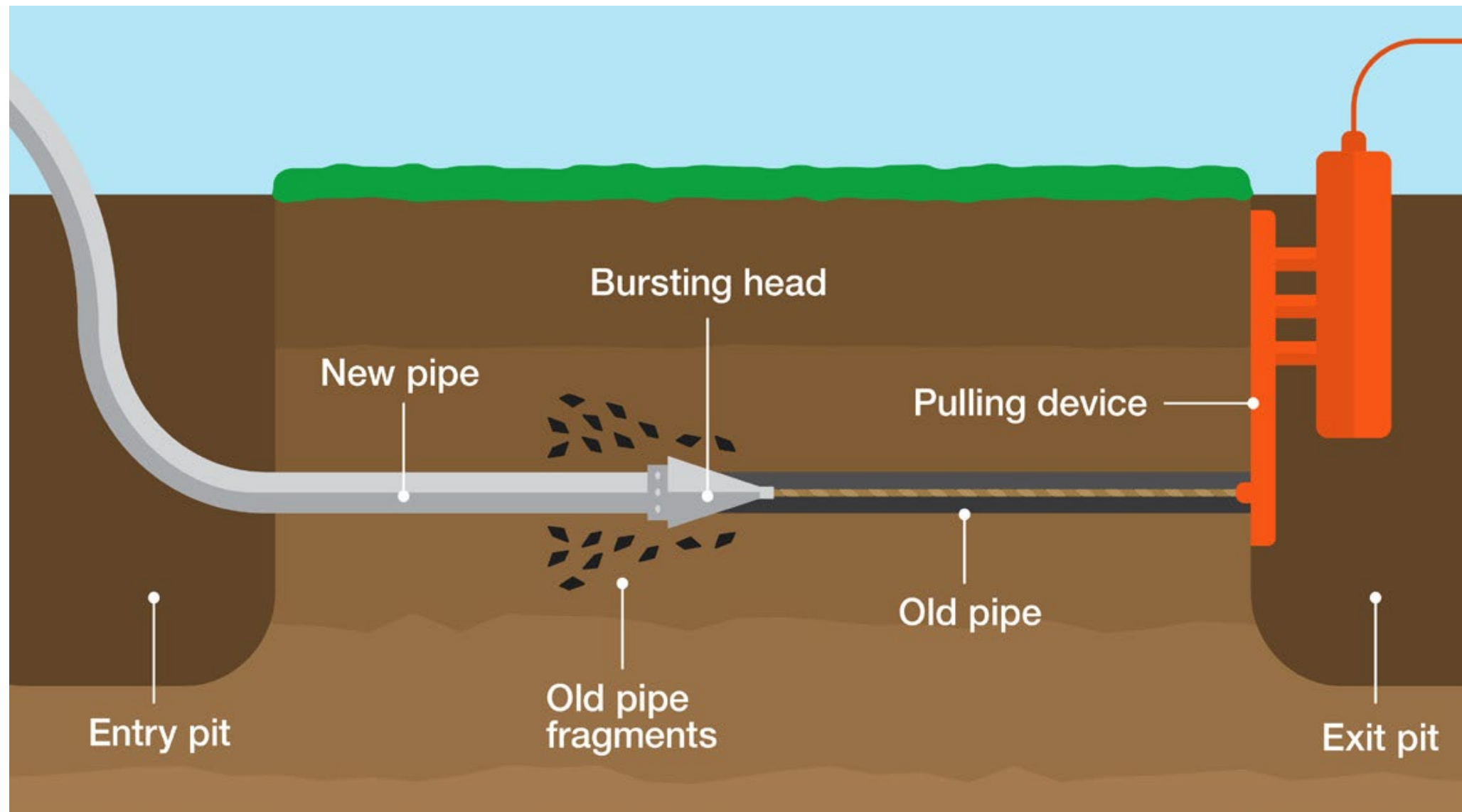


What are the advantages?

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



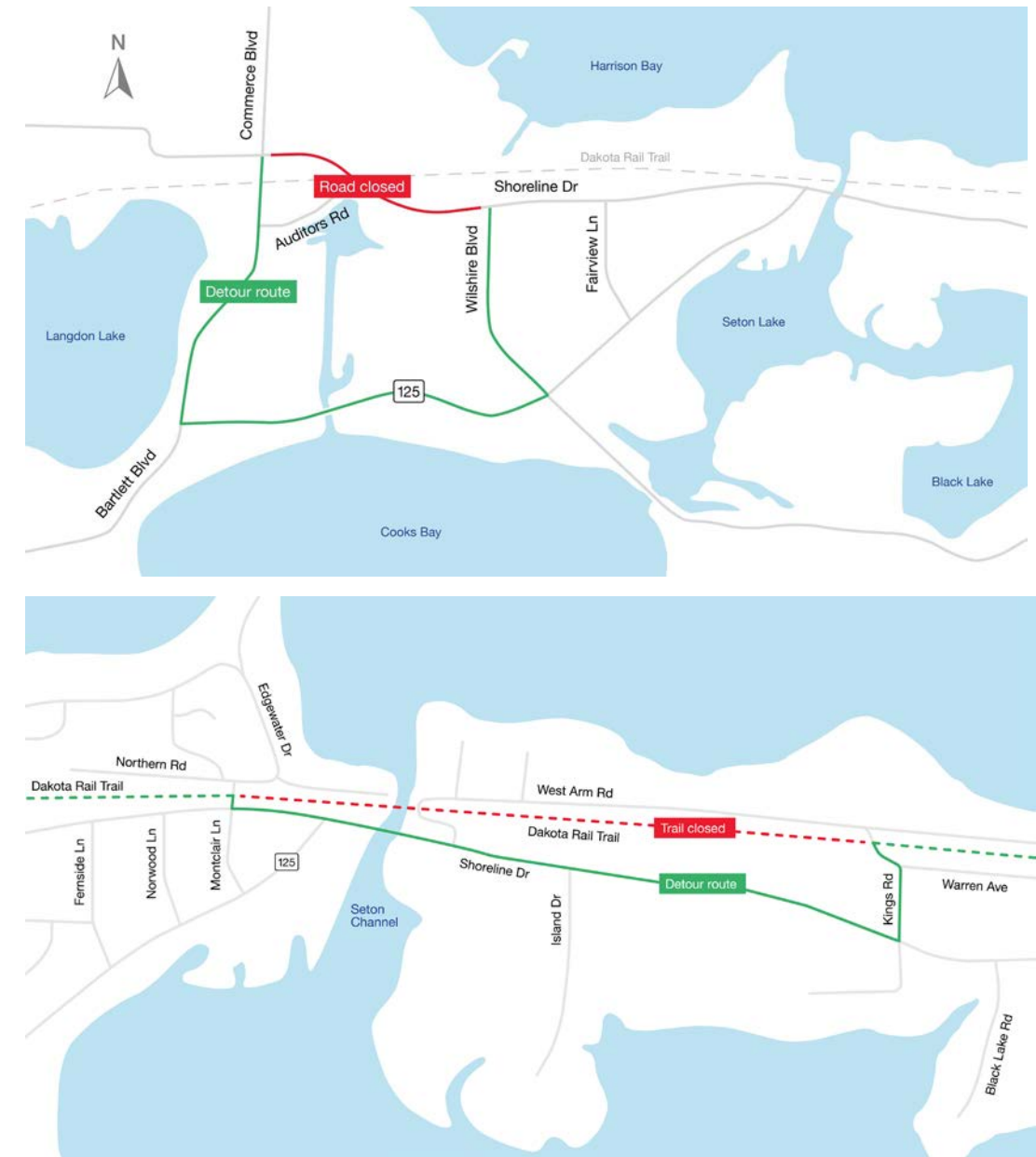
Pipe Bursting Method Graphic



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

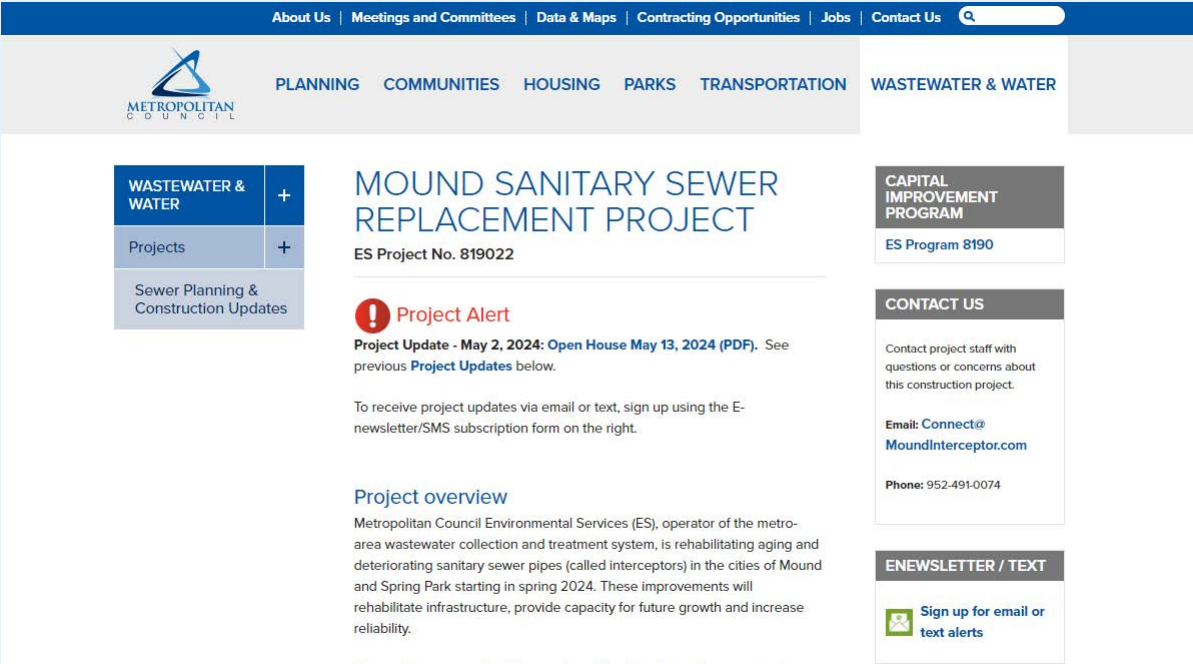
- Coordination between the cities, county and Met Council projects
- Emergency/other services notification
- Frequent and consistent notifications regarding potential project impacts, such as:
 - Driveway or road closures
 - Detour maps
 - Utility disruptions
 - Excavation
 - Tree removal or landscaping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

Examples of Communication Materials

Direct Mail Flyer/Door Hangers



Electronic Communication



Project Contacts

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



Thank you

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