

Roseville Sewer Rehabilitation Project - Avon St.



Metropolitan Council Environmental Services (MCES) is making improvements to aging and deteriorating regional sanitary sewer facilities that serve homes and businesses in the cities of Roseville and St. Paul at four project sites. The project will line or replace approximately 5,000 feet of regional sanitary sewer pipe, as well as rehabilitate manholes and meter stations.

Project Need

A substantial amount of the sewer system in the metro area was last updated in the 1960s and 1970s. Since then, pipes have deteriorated and need to be repaired or replaced. MCES has responded by developing a long-term plan in collaboration with local government to rehabilitate sections of sewer pipe, beginning in areas of critical need.



Image of damaged pipe.

Project Location

The Avon St. site is located on Avon St. between County Rd. D and Brenner Ave. Construction is scheduled to occur between March and September 2018.

Work will include removing and replacing part of the sewer pipe near County Rd. D and lining part of the sewer pipe near Brenner Ave. Construction crews will also replace a manhole and meter station at the intersection of Avon St. and County Rd. D. A temporary wastewater conveyance pipe will be set up along the west side of Avon St. The pipe will be used to transfer wastewater during construction.



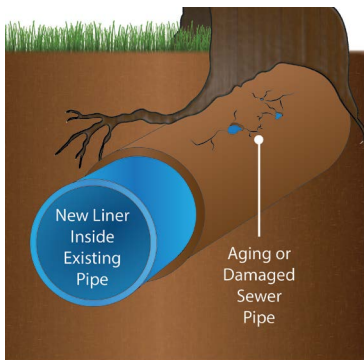
Temporary wastewater conveyance pipe



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Rehabilitation Process

As engineers plan each rehabilitation effort, they select design and construction techniques that minimize cost and impact on the community and environment and that are sustainable long-term solutions. The design also takes into account physical limitations like wastewater flow capacity, number of users, natural surroundings like soil type and tree growth, proximity to buildings, and topographical slope. This project will use a process called Cured-in-Place-Pipe, or CIPP. During this process, a liner we will install in the existing sewer using a trenchless technology. This non-invasive method helps reduce costs and impacts to homes and businesses.



Crews inserting a liner into the existing sewer pipe.

What to Expect

- Ongoing road closure for part of Avon St. A detour will be identified prior to closure.
- Short-term temporary lane closures for intersections at Avon St. and Brenner Ave. and at Christopher Ln. and County Rd. D.
- Residents on Avon St. will continue to have access to their homes throughout the project. We will create a short access road for residents located near the excavation site.
- Construction equipment, construction noise, vibrations, light, and smells associated with wastewater pipe access and the CIPP lining process.
- Short-term temporary impact to residents' driveways on the west side of Avon St.
- Temporary mailbox relocation for some Avon St. residents. We will let you know the timing and location ahead of time.
- Temporary water and wastewater service disruption for some Avon St. residents. We will contact impacted residents beforehand to offer alternative arrangements.
- Temporary construction staging in a section of Valley Park.

Contact Us

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