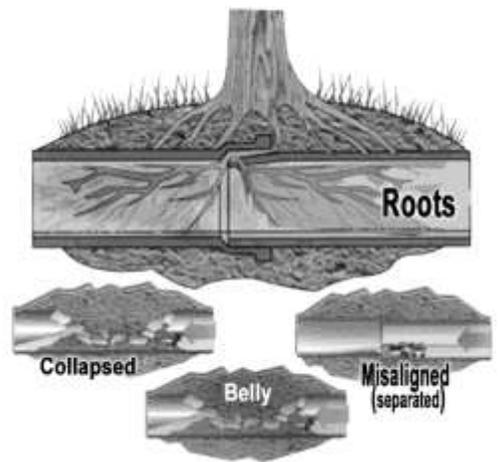


Q & A SEWER LINE WORK

Why do sewer lines need to be replaced?

Pipe breaks or cracks due to tree roots, system deterioration, or ground shifting with moisture changes are the usual reasons for sewer line work.



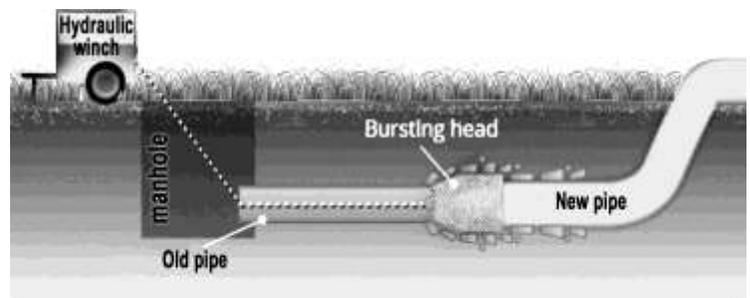
How does the district know what lines to replace?

Periodically, the District televises the inside of sewer lines to determine their condition. These tapes are analyzed by the District's engineer and repairs are prioritized by the conditions of the lines.

How will the sewer lines be replaced?

Pipe replacement by pipe bursting is a trenchless method of replacing buried pipelines without the need for a traditional construction trench.

Pipe bursting consists of breaking up the old pipe by a powerful cone shaped tool called a bursting head while simultaneously pulling in a new pipe behind it. Launching and receiving the new pipe is usually done in existing manholes. Excavation is needed to connect individual house lines to the new sewer lines.



Contractor Notification and Identification

Before a Contractor begins work in your area you will be notified. All Contractors and their staff will have photo identification IDs and company signs on their vehicles. A project sign with contact information will be located in the area of work. Please be assured that the Contractor will make every effort to minimize disturbance. As always, if you have any questions you can attend one of the District's monthly Board meetings or contact the District's Operator, Water District Management, at 281-376-8802.

What if my house sewer line needs to be replaced?

Customer's private lines, also known as the lateral lines, connect their home or building to the District's sewer system. Wastewater from your sinks, showers, toilets, dishwashers, and washing machines flows through the house line to the public sewer system. Lateral lines can be blocked or obstructed by items flushed down the toilet or washed down the drain, as well as tree roots, grease, and other obstructions. House lines can also become misaligned, cracked or collapse like the District's lines.

Per Texas law, maintenance of customer's private lines that connect to the District's collection system is the responsibility of the customer as stated in the District's Rate Order, Article 2, Section 2.06.

Is there any way to prevent sewer problems?

Yes, some problems can be prevented. First, you can help by making sure not to plant trees or shrubs over or near sewer lines.

Second, be sure to dispose of grease in the trash. For fats that solidify, let them do so, and then pitch them in your regular garbage. For fats and grease that don't solidify, pour them into a sealable bottle, and throw the whole container away with your regular garbage.

Restaurants are required to install and use a grease trap to prevent their grease from going into the sanitary system. All food establishments in the District are in compliance with the District's grease trap requirements.

Post Wood MUD Sanitary Sewer System Rehabilitation

In 2010, the Post Wood MUD Board of Directors established a Capital Improvement Plan covering the years 2010 through 2030. The purpose of the Capital Improvement Plan is to ensure funding for infrastructure rehabilitation projects to continue to provide uninterrupted water and wastewater service for its customers.

Much of the District’s sewage collection infrastructure is 40-45 years old, placing the lines at increased risk for leaks and blockages due to deterioration. Maintaining the integrity of the sanitary sewer system is vital to continue to move wastewater from your home to the Treschwig Regional Sewer Plant.

Where Are We Today

To date, the District has cleaned and televised the **13.30 miles or 70,258 linear feet (LF)** of sanitary sewer main lines in the District. After televising, the District’s Engineer reviewed the videos and determined the condition of the lines, prioritized and recommended necessary repairs to avoid potential failures.

The following table shows how much of the sanitary sewer system has been rehabilitated and what is proposed to be rehabilitated in the near future.

| SANITARY SEWER SYSTEM REHABILITATION AS OF 4/1/19 | | | | | | |
|---|------------|-------------------|---------------|----------|-------------|---------------------|
| Rehab Phase | Completion | LF of Sewer Lines | | Manholes | | Actual |
| | Year | Rehabed | % of system | Rehabed | % of system | Cost |
| Phase 1-2 | 2001-2006 | 5,362 | 7.63% | 0 | 0.0% | \$ 345,312 |
| Phase 3 | 2011 | 4,752 | 6.76% | 0 | 0.0% | \$ 192,080 |
| Phase 4 | 2015 | 4,085 | 5.81% | 0 | 0.0% | \$ 200,232 |
| Phase 5 | 2017 | 7,862 | 11.19% | 0 | 0.0% | \$ 318,664 |
| TOTAL: | | 22,061 | 31.40% | 0 | 0.0% | \$ 1,056,288 |

| PLANNED SANITARY SEWER SYSTEM REHABILITATION THROUGH 2021 | | | | | | Estimated Cost |
|---|------|---------------|---------------|-----------|--------------|---------------------|
| Phase 6 | 2019 | 9,630 | 13.7% | 50 | 3.5% | \$ 485,000 |
| Phase 7 | 2020 | 7,000 | 10.0% | | 14.5% | \$ 400,000 |
| Phase 8 | 2021 | 7,330 | 10.4% | | 14.5% | \$ 400,000 |
| TOTAL: | | 23,960 | 34.10% | 50 | 32.5% | \$ 1,285,000 |

The sanitary sewer system will be cleaned, televised and inspected every 5-6 years.

How is this work paid for?

Most large capital projects are paid for by the issuance of bonds. With the exception of tax-exempt churches and schools, all property owners, including owners of commercial and undeveloped property within the District boundaries, pay property taxes to cover the debt service payments for the bonds.

Commercial entities represent less than two percent of the District's accounts but pay twenty percent of the District's taxes. Homeowners represent 98% of the District's accounts, but pay 80% of the District's taxes.

Financing Future Infrastructure Repairs

The Board is committed to keeping your taxes low while at the same time making the repairs necessary to provide clean, safe water and reliable sanitary sewer services. The District's current tax rate of \$0.37 is twenty-five cents lower than the average Harris County water district tax rate of \$0.62.

Post Wood MUD is one of the only 30% of the 430 water districts in Harris County that give a Homestead Exemption to assist homeowners with their taxes.