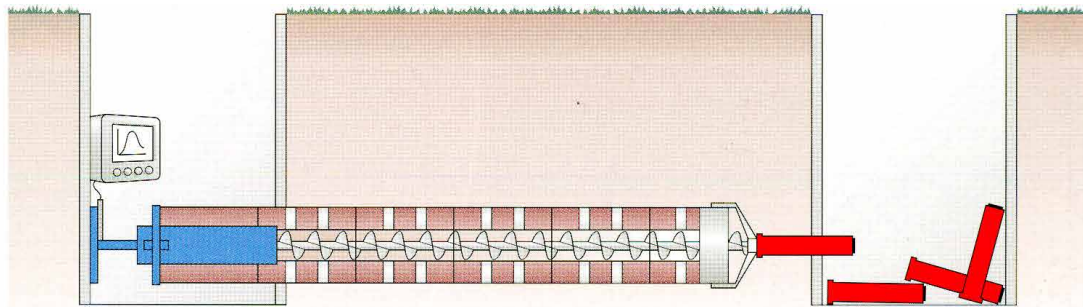


# MICROTUNNELING

Trenchless technology offers **several advantages** over open cut construction, the main being that it **minimizes aboveground construction** disruption for underground work. We have even used this method for underground utility work **inside existing facilities**. Let us show you how this construction method can benefit you.



Pilot tube microtunneling was originally developed by the Japanese in the 1970s and spread to Europe, where German manufacturers picked up on the idea. In the 1990s, Robinson Construction used the pilot tube method to install nearly 40,000 feet of pipe in Cape Girardeau, Missouri. **This was the first large-scale pilot tube project undertaken in the United States.** Pilot tube microtunneling combines the benefits of microtunneling, directional drilling, and auger boring. It incorporates the accuracy of microtunneling, the steering mechanism of a directional drill, and a spoil removal system of an auger boring machine. Robinson Construction has installed clay, PVC, and steel pipe using the pilot tube system of microtunneling. Our customers have been very pleased with this innovative, yet cost-effective, method of upgrading their existing sewer systems.

Benefits of the pilot tube system of microtunneling include minimal impact on existing utilities, only minor disruption to traffic, and less need for easement acquisition. Other advantages include:

- Minimal impacts on home owners and businesses
- Essentially no settlement
- Exact +/- 0.1-foot line and grade tolerance
- One-time, one-hour interruption for house connections
- Minimal pavement replacement cost
- Improved safety for citizens and workers
- More comprehensive testing of completed sewer

Call on Robinson Construction. Let us show you the many advantages of choosing microtunneling over traditional open-cut construction for your next sewer project.

*"Your company was a pleasure to work with. Our job team would recommend your company in a heartbeat. Thank you!"*

Corman Construction, Inc. - Maryland Avenue Branch Interceptor - Baltimore, MD

