

ADVERTORIAL

Logan Clay Pipe

The Pilot Tube Method Preferred in Urban Core

In downtown areas, conventional open trench construction of sanitary sewer lines is often undesirable due to the tight space constraints of active urban cores. The high population concentration comes with numerous existing underground utilities and high value surface assets (roads, buildings and landscaping).

For the city of Minneapolis, when the existing sanitary sewer lines were no longer large enough to serve the growing population, the Pilot Tube Method of Guided Boring became a practical solution. The ability to tightly control line and grade meant they could avoid existing utilities while greatly reducing traffic and surface disruption.

While they were installing new lines parallel to existing lines (originally installed in 1896) the contractor, Minger Construction, recovered a few lengths of the clay pipe which were still serving the city. The pipe was tested at The Logan Clay Pipe Company's facility in Logan, Ohio.



Clay Pipe being tested after 120-years in service.

After 120-years of service, the pipe exceeded the first ASTM strength standard (that wouldn't be introduced for another 20 years) by more than 40%.

Find out more about all of the installation techniques used and the test results at ncpi.org.

