

STAHELI **Trenchless** **consultants**

Construction Method: Auger Boring

Project: Locust Street Sanitary Sewer Trunk Upgrade

Location: Tigard, Oregon

Date: 2008-2009

Job Scope:

- ❖ Feasibility Study
- ❖ Specification Review
- ❖ Plan and Profile Review
- ❖ Submittal Review
- ❖ Specialized Construction Management

Project Description:

Staheli Trenchless Consultants participated in the design and construction of 1,150 feet of 20-inch HDPE gravity sewer via auger boring through high-strength rock with a small boring unit (SBU). One 600-foot drive set a length record for the 42-inch SBU used on the project.

This project included challenging site layouts and excavation through a variety of soils ranging from basaltic bedrock to stiff clays and silts. STC reviewed both the surface and subsurface conditions for construction and method feasibility, and developed an trenchless specification appropriate for boring through rock. STC also performed on-site specialty construction services during the sewer installation.

Reference:

Tom Lawler, Clean Water Services (503) 681-3600.

