

# STAHELI Trenchless consultants

## Job Scope:

- ❖ Feasibility Study
- ❖ Pipe Burst Design
- ❖ Determination of Heave Impacts to Adjacent Utilities
- ❖ Plans and Specification Preparation

## Project Description:

Staheli Trenchless Consultants completed a feasibility study and pipe bursting design for the replacement of 4,300 feet of 18-inch AC sewer pipe and 645 feet of 24-inch non-reinforced concrete pipe with 26-inch HDPE. The pipeline was situated in an environmentally sensitive area which required additional care in order to minimize disturbance during construction. STC reviewed the plan and profile sheets and the geotechnical information for the project, and visited the site to locate pulling and insertion pits.

STC also evaluated the feasibility of pipe bursting, performed a geologic assessment of site conditions, and calculated ground surface heave in order to assess risk to adjacent utilities. Project specifications including pipe layouts, bursting lengths and direction were provided as part of the design package.



**Construction Method:** Pipe Bursting

**Project:** B5 / B6 Sewer System Replacement

**Location:** Anchorage, Alaska

**Date:** 2007



## Reference:

Matt Stephi, Stephi Engineering LLC  
(907) 562-1468.