



## Construction Method: Horizontal Directional Drilling

**Project:** Applegate Regional  
Sewer Pipeline

**Location:** Auburn, California

### Job Scope:

- ❖ Trenchless Inspection
- ❖ Trenchless Design Review
- ❖ Submittal Review

### Project Description:

Staheli Trenchless Consultants provided trenchless inspection and construction engineering services during the pilot bore of a 1,200 linear foot horizontal directional drill crossing of Interstate-80 to install a 10-inch wastewater force main. The HDD crossing was part of a project to construct 20,770 lineal feet of pipeline and a new pump station outside of Auburn, CA. The HDD traversed rock nearly the entire length of the bore and construction methods were tailored to meet the California Department of Transportation requirements for drilling an HDD parallel to an overpass bridge and beneath a frequently traveled corridor from Sacramento to Reno. STC answered RFI's and submittals related to the HDD construction while providing real-time data collection and inspection services throughout the pilot bore.



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