



Construction Method:
Horizontal Directional Drilling

Project: Netarts Oceanside Sewer Main

Location: Netarts, Oregon

Job Scope:

- ❖ Feasibility Study
- ❖ Plan and Profile Preparation
 - ❖ Cost Estimates
 - ❖ HDD Specifications
- ❖ Specialized Construction Management

Project Description:

Staheli Trenchless Consultants (as Bennett/Staheli Engineers) completed the design and performed specialized construction management on a 10-inch nominal HDPE sewer line constructed with horizontal directional drilling. The 1,385-foot section of pipe replaced the existing line that had connected to the Oceanside treatment plant.



The alignment ran from the beach up an approximately 110-foot bluff prone to landslide movements, and crossed below Hwy 131 twice. In addition to the difficult bore geometry, challenges included drilling through very dense gravel and cobbles, and mitigating inadvertent fluid return at the base of the bluff.



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