

Project: Transmission Water Main Replacement

Owner: City of Anacortes

Location: Anacortes, Washington

Pipe: 36-inch Steel
Length: 1,200 feet

Job Scope:

- ❖ Trenchless Feasibility Study
- ❖ HDD Alignment Study and Profile
 - ❖ Pullback and Stress Calculations
 - ❖ Specifications
- ❖ Contractor Submittals Review
 - ❖ Specialized Construction Management



Project Description:

Staheli Trenchless Consultants provided drilling expertise for the design and construction of a 36-inch horizontal directional drill beneath the Swinomish Channel. The 1,200-foot channel crossing included drilling beneath piers on both sides of the channel.

The project was environmentally sensitive, with tight restrictions on inadvertent fluid returns in the channel. A geotechnical baseline report was prepared to provide a basis for contractor bids and evaluation of changed conditions claims.



HDD Contractors were pre-qualified prior to the bidding process. The 36-inch steel high pressure water line was successfully installed with no construction claims.

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