

Project 20-1 Star Lake Military Road Water Main Replacement

Highline Water District owns an existing 12-inch cast-iron water main from S 272nd St to Star Lake Road along the west side of Interstate 5. The main is primarily on private property within easements granted to the District.

The proposed Sound Transit Link Light Rail Federal Way Extension conflicts with the existing main. Sound Transit did not include this work as part of their original Design-Build Contract and requested the District to evaluate and propose acceptable alternatives to address the removal of this main.

The District determined the feasible and equitable replacement would be to install a new water main along Star Lake Road from S 272nd St to an existing main serving Club Palisades Apartments and to install a main along Star Lake Road/Military Road near the I5 undercrossing. The total length of the project is approximately 1,450 LF and will be constructed with 12-inch DI pipe. Sound Transit requested the District design and construct the work on their behalf and would reimburse the expenses.

Pace Engineers designed the replacement work. The District advertised and rejected all bids for the work due to the low bidder claiming an error in their bid and the subsequent bidders exceeding the authorized budget. Because of the potential damages caused by the delay of the project, the Board of Commissioners declared an emergency exists and authorized staff to proceed with the work waiving competitive bidding requirements. District crews proceeded to perform the replacement work.

The District crews replaced the water main along Star Lake Road and Military Road allowing for the removal of the existing main. The work on Star Lake Road and S 272nd St remains. Crews will complete the work in early 2022 upon approval of a budget amendment with Sound Transit.

The estimated cost of the project is \$935,949, including \$100,000 budgeted for District requested betterments. The remaining cost will be reimbursed by Sound Transit. Work should be complete by Spring 2022.

