

Project 18-5 34th Ave S Water Main Replacement

In August 2018, the City of SeaTac informed the District of their plans to improve the road along 34th Ave S from S 160th St to S 166th St. The City plans to install curb, gutter, sidewalk, new storm drainage and add on-street parking. The City will also overlay the road upon completion. Construction was originally scheduled for spring 2020 but was delayed due to Covid and ROW acquisition.

The District maintains approximately 1,850 LF of 6-inch water main within this section of road. The existing main conflicts with the City's improvements. The project includes replacing the existing main with a new 12-inch diameter DI pipe to connect an existing 12-inch main on each end of the project limits, thereby eliminating a bottleneck. In addition, by replacing this main, the District would eliminate additional aging AC pipes, prevent the need to disturb the newly constructed road, and avoid the cost of an overlay at the District's expense.

The District selected Parametrix, Inc. as the firm to design the water project. Parametrix was also selected by the City to design the road improvements. The City agreed to allow the District to partner on the project. The District work will be a separate schedule on the City contract through an ILA that was executed in September 2021. The City advertised and awarded the project to Aila Construction. The bid for the District schedule was \$770,000. Water work will begin Spring 2022.

For the 2022 budget, the District allocated \$1.06 million for design, construction, and other allied costs. Highline will fund the project by existing rates and capital reserves.



DATE:
11/10/2020

SCALE:
AS SHOWN



Highline Water District
23838 30th Ave S.
Kent, WA 98032
Serving the Southwest Metropolitan Area since 1946

**18-5 34th Ave S Water
Main Replacement**

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**PROJECT 18-5 34th AVE S WATER MAIN REPLACEMENT
ESTIMATED PROJECT COSTS**

CATEGORY	Prior Years	2021	2022	TOTAL
Engineering - Design	\$ 35,192	\$ 25,000		\$ 60,192
Construction	\$ -		\$ 847,000	\$ 847,000
Construction Administration (City)	\$ -	\$ -	\$ 84,700	\$ 84,700
Staff Labor and Benefits	\$ 4,197	\$ 7,500	\$ 45,000	\$ 56,697
Miscellaneous / Other	\$ -	\$ 1,500	\$ 10,000	\$ 11,500
TOTAL	\$ 39,389	\$ 34,000	\$ 986,700	\$ 1,060,089

FUNDING FOR PROJECT				
CATEGORY	Prior Years	2021	2022	TOTAL
Rates/Reserves	\$ 39,389	\$ 34,000	\$ 986,700	\$ 1,060,089
				\$ -
TOTAL	\$ 39,389	\$ 34,000	\$ 986,700	\$ 1,060,089

ESTIMATED SCHEDULE FOR PROJECT COMPLETION	
Description	Date
Design Engineering (Complete)	December 2020
Award Construction Contract (SeaTac)	August 2021
Begin Construction (Water)	March 2022
Project Final Completion	December 2022