

Our commitment to you

Whether you work, live or play in this area, we know you'll have questions and concerns. King County is committed to keeping you up to date. As the project gets underway, we'd like to get to know you better. We are reaching out to neighbors and organizations in the project area.

If you are interested in scheduling an individual meeting or a briefing for a group, please contact Dana West at dana.west@kingcounty.gov or call 206-477-5536 or TTY: 711.

About King County's Wastewater Treatment Division

King County protects water quality and public health by providing wastewater treatment to 17 cities and 17 local sewer utilities. The County's Wastewater Treatment Division serves 1.7 million people in the Puget Sound region. The water you use in Seattle travels through your side sewer, into the City of Seattle's pipes, and finally through the County's pipes to West Point Treatment Plant in Magnolia.

King County to upgrade regional sewer pipelines in Seattle's Interbay neighborhood

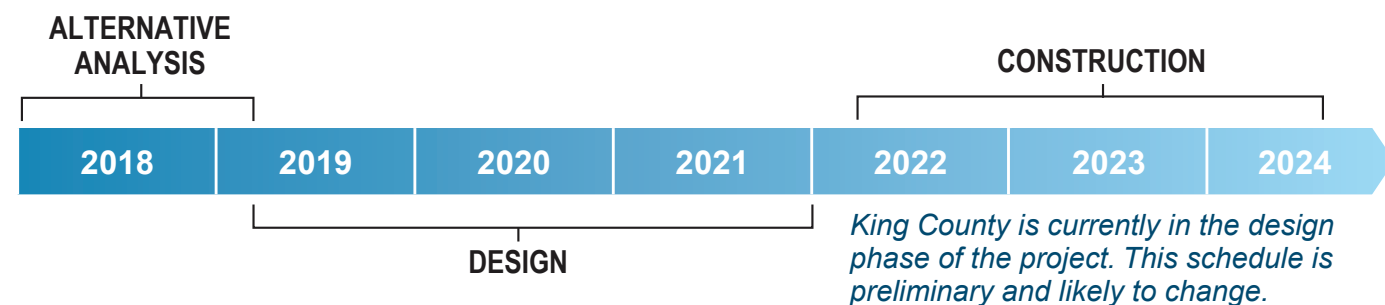
June 2020

King County is planning to upgrade approximately one mile of its pipeline system extending from the Magnolia Bridge to just north of the Interbay Athletic Complex (see detailed map on page 3). Full construction for the project is expected to begin in 2022 with a small repair effort taking place in summer 2020.

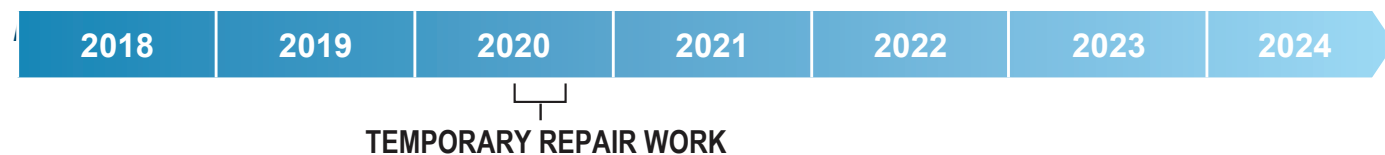
Some early construction to take place Summer 2020

Occurring in summer 2020, the County will reinforce a 200 foot section of sewer pipe under the Magnolia Bridge. This section of pipe needs to be temporarily reinforced prior to the overall line replacement in 2022. This work will take approximately three months to complete and will not impact access to the Magnolia Bridge or its on and off ramps.

Project Timeline for Full Project



Small Repair Effort, Summer 2020

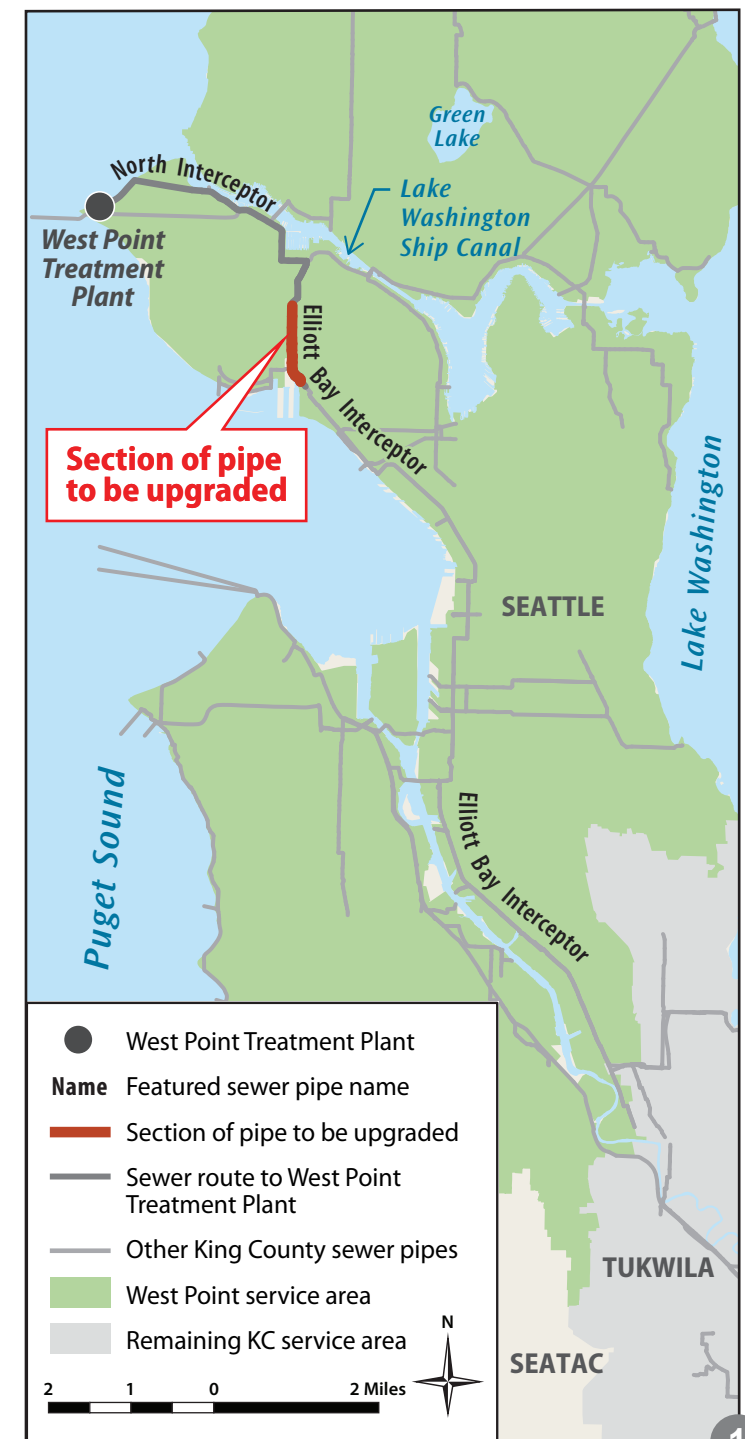


For more information:

- Visit the project website at <https://www.kingcounty.gov/InterbaySewer>
- Enroll in text alerts by texting KING INTERBAYSEWER to 468-311
- Contact Dana West at dana.west@kingcounty.gov or call 206-477-5536 or TTY: 711.

Protecting our Waters

Contact with raw sewage or polluted stormwater can make people sick. Unless this polluted water is cleaned at a treatment plant, sewage and stormwater can also harm Puget Sound. King County has nearly 400 miles of underground pipes in the region that collect sewage from homes and businesses. Some of these pipes, like the Elliott Bay Interceptor, also collect polluted stormwater from streets and driveways. The pipes carry sewage and polluted stormwater to one of our treatment plants to be cleaned. These pipes and treatment plants help keep us healthy and keep Puget Sound, lakes, and rivers cleaner.



Alternate formats available upon request. Please call 206-477-5536 or TTY: 711.

Improving odor control and upgrading sewer pipes

King County's project team has evaluated different methods for upgrading the sewer pipes and controlling odor, as not every method is right for every neighborhood.

Part of the sewer being upgraded consists of two parallel pipes. These pipes converge to become one larger pipe in a partially underground building, called a discharge structure, at the west end of the West Wheeler Street right-of-way (see map on page 3). Where the pipes converge, smells can be released into the air. To improve odor control, the County will install a pair of scrubbers (filters) at the discharge structure at the West Wheeler Street right-of-way. Scrubbers work by forcing the foul air through a layer of activated carbon granules that absorb the odor (see top-right photo). A small brick building will be constructed adjacent to the scrubbers to house supporting equipment (see bottom-right photo).

Most of the sewer will be repaired by lining the inside of the pipe using an innovative approach that involves blowing the new liner into the pipe with water pressure. The new liner covers any cracks or holes and strengthens the existing pipes.

Lining the pipe is more efficient and less expensive than replacing it and minimizes construction impacts. Instead of digging up the entire length of pipe, repair crews can access the pipe at a few key locations and blow in the new liner.

A small section of the pipes near Magnolia Bridge will be completely replaced because the pipes in that area need to be increased in size. We are also upgrading approximately 2,000 feet of pipe north of the discharge structure. The 35-year-old lining in this section of pipe is aging and needs to be replaced.

We expect to have a final design by mid-2021. We will share additional information about the final design and construction timeline in spring 2021, following a smaller repair effort taking place in summer 2020.



Carbon scrubber at Interbay Pump Station.



Example of a building that houses equipment to support the carbon scrubbers.

Why Is King County making these improvements?

Part of the Elliott Bay Interceptor was built in the 1960s and is reaching the end of its service life. To ensure reliable service into the future, King County plans to upgrade approximately one mile of its pipeline system extending from the Magnolia Bridge to just north of the Interbay Athletic Complex in Seattle's Interbay neighborhood. Construction for the full project is expected to start in early 2022, with a smaller repair effort taking place in summer 2020.

The Elliott Bay Interceptor is one of the most heavily used pipes in the County's regional sewer system. Beginning in Tukwila, this major pipe carries sewage and polluted stormwater to be cleaned at the County's West Point Treatment Plant in Seattle's Magnolia neighborhood. During storms, the pipe carries up to 130 million gallons of sewage and stormwater per day. That's enough to fill 200 Olympic-sized swimming pools!



King County plans to upgrade a nearly one-mile section of pipe in the Interbay neighborhood.