



Investing in Puget Sound's health and the Region's future

March 2020

Project Background

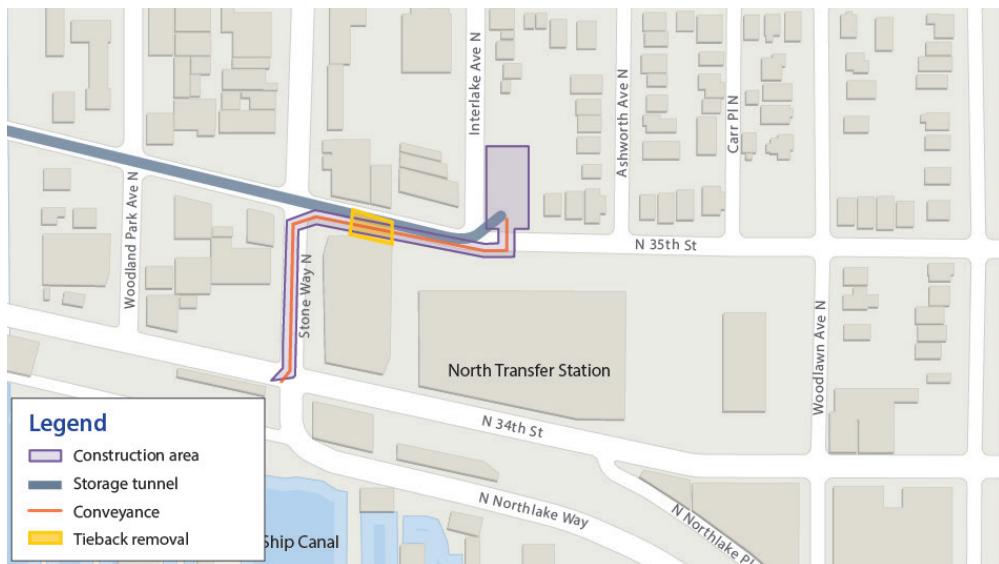
Seattle Public Utilities and King County Wastewater Treatment Division are building an underground storage tunnel to significantly reduce the amount of polluted stormwater and sewage that flows into the Lake Washington Ship Canal, Salmon Bay and Lake Union from our sewer system during storms.

The tunnel is 2.7-miles long, running from Ballard to Wallingford, and approximately 18-ft, 10-in wide. It will temporarily hold more than 29 million gallons of sewage and stormwater during heavy rain. When the storm passes, the stored sewage and stormwater will be sent to King County's West Point Wastewater Treatment Plant.

Wallingford Site Elements

In spring 2020, Seattle Public Utilities and King County will begin work in Wallingford for the Ship Canal Water Quality Project. Work will include:

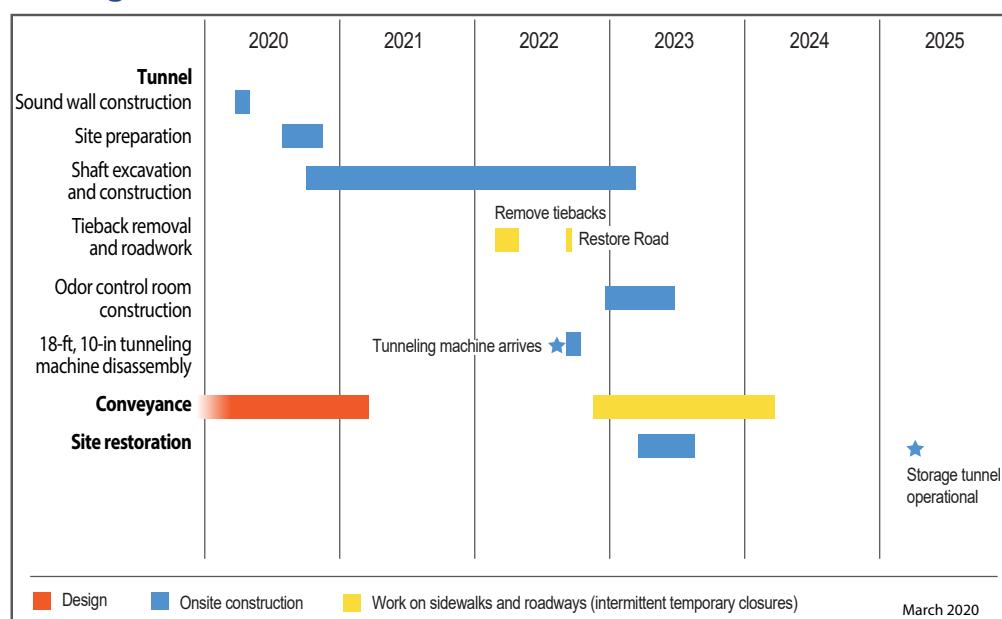
- Building the new storage tunnel
- Removing tiebacks underneath N 35th St
- Building a vertical drop shaft to collect flows and send them to the tunnel
- Installing pipes along Stone Way N and N 35th St to connect the existing combined sewer system overflow pipe to the new shaft
- New underground structures to house mechanical and electrical equipment, and odor control
- Restoration of impacted roadways



What to expect during construction

- Construction-related noise, traffic, dust, and vibrations
- Staging of equipment and construction vehicles at the project site at 3500 Interlake Avenue N
- Parking restrictions and roadway detours
- Lane closures on N 35th St and Stone Way N for tieback removal and pipe installation
- Removal of some trees in the project area

Wallingford Schedule



Schedule is subject to change

See below for more information about what will take place during construction. The following photos are examples from other construction sites.

1



Sound Wall Installation

In spring 2020, crews will install a sound wall and fencing at the project site.

2



Site Preparation

In summer 2020, crews will mobilize to the work area and prepare to begin work.

3



Excavation & Construction

Crews will dig beneath the surface to prepare and build underground structures that will be used to access the storage tunnel for operations and maintenance.

4

Tieback removal & road restoration

Crews will remove tiebacks underneath N 35th St to allow the tunneling machine to pass through. Tiebacks are used to support underground retaining walls at large construction sites. These tiebacks are remaining from a previous project. Once tiebacks are removed, the road will be restored.

5



Odor Control Room Construction

Crews will build an odor control room near 3500 Interlake Ave N to manage odors created by the storage tunnel.

6



Tunneling Machine Arrival & Disassembly

Wallingford marks the eastern end of the tunnel, where the tunneling machine will complete its journey. Once it arrives, crews will disassemble it and remove it from the site.

7



Conveyance

Crews will build new pipes along Stone Way N and N 35th St to connect Ballard's existing sewer and stormwater overflow pipes to the storage tunnel. This work will entail lane closures and parking restrictions on N 35th St.

8



Site Restoration

Once construction is complete, all impacted areas will be restored to previous conditions. This will include the landscape restoration, repaving streets and sidewalks.

Contact

For questions or comments about this project:

Email: SPU_ShipCanalProject@seattle.gov

Call: 206-701-0233

Website: spushipcanal.participate.online

For interpretation services please call 206-386-9778

如需要口譯服務 請撥電話號碼 206-386-9778

통역 서비스를 원하시면 206-386-9778 으로

Wixii turjubaan afka ah ku saabsan ,fadlan la soo xariir taleefoonka 206-386-9778

Para servicios de interpretación por favor llame al 206-386-9778

Para sa serbisyo ng tagapagpalwanag tumawag sa 206-386-9778