



Fremont Neighborhood Council

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Storage Tunnel Project Manager
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Presentation Topics

1. Recent Projects near 2nd Ave NW
2. Artwork Update
 - FLOW Temporary Artwork
 - Permanent Artwork
3. Storage Tunnel Construction Update
4. Upcoming work in Fremont neighborhood

Recent Projects near 2nd Ave NW in Fremont

2015-2017 Construction

- Fremont Siphon (King County Wastewater Division Project)

2018-2019 Construction

- 3rd Ave Watermain Replacement (SPU Drinking Water Project)

2021 Construction

- SCWQP Storage Tunnel 8-foot diameter conveyance tunnel (SPU Drainage and KC Wastewater Division Project)

Utilidor, built in 1913

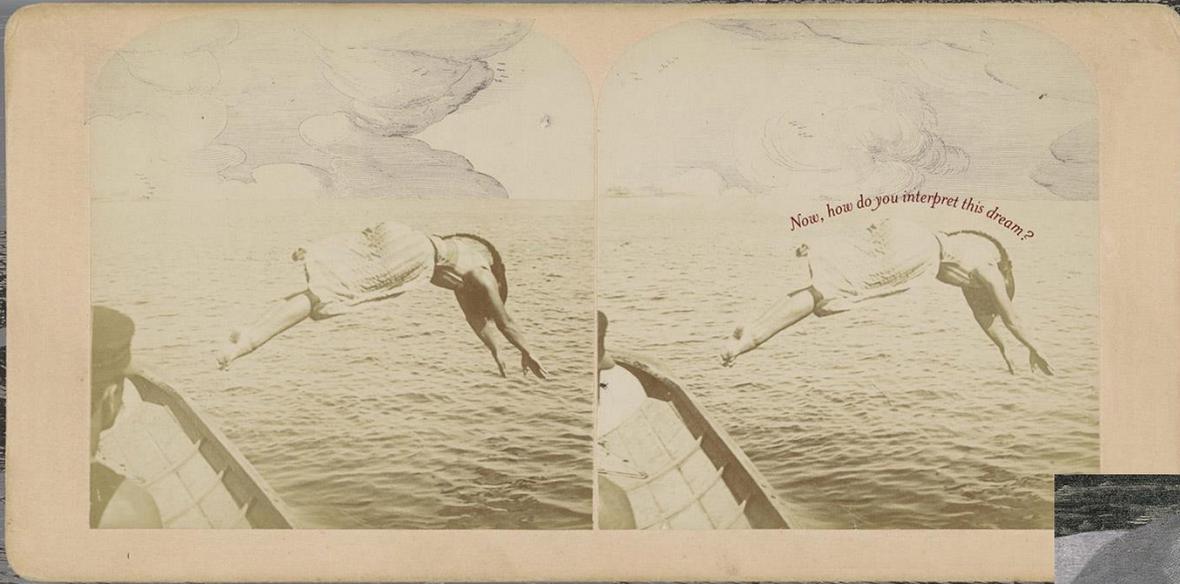


636 N.T. Sewer Siphon Tunnel - S. Shaft in Background 1-27-13

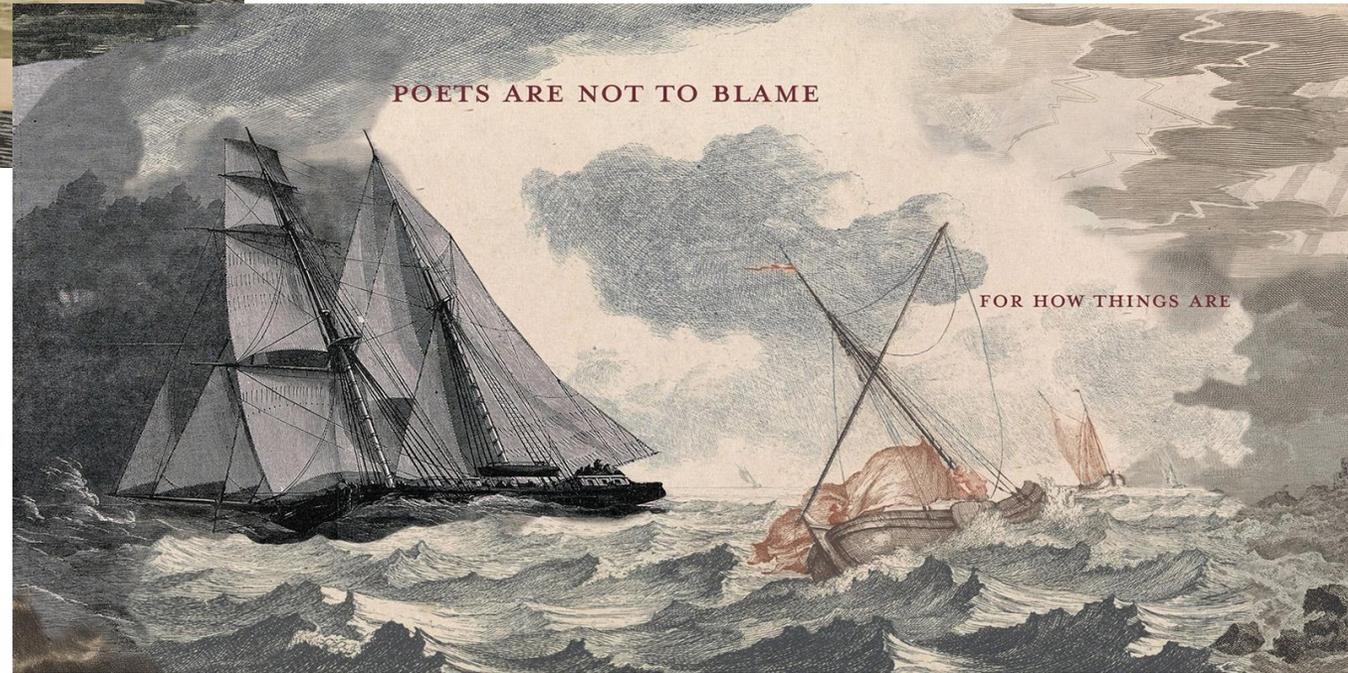


572 N.T. Sewer Siphon Tunnel - Hoisting S. Shaft - 196-27 12-6-12

Current Temporary Artwork in Fremont



Two renderings from
Whitney Lynn's
Wine-Dark Sea



Permanent Artwork in Fremont

Artist team Preston Singletary and David Franklin

Tells the traditional native story of Petrel Guards the Water and Raven Steals the Water Paddle through two large-scale canoe paddle sculptures constructed of glass and steel that will flank each side of the ship canal waterway.



Ship Canal Water Quality Project

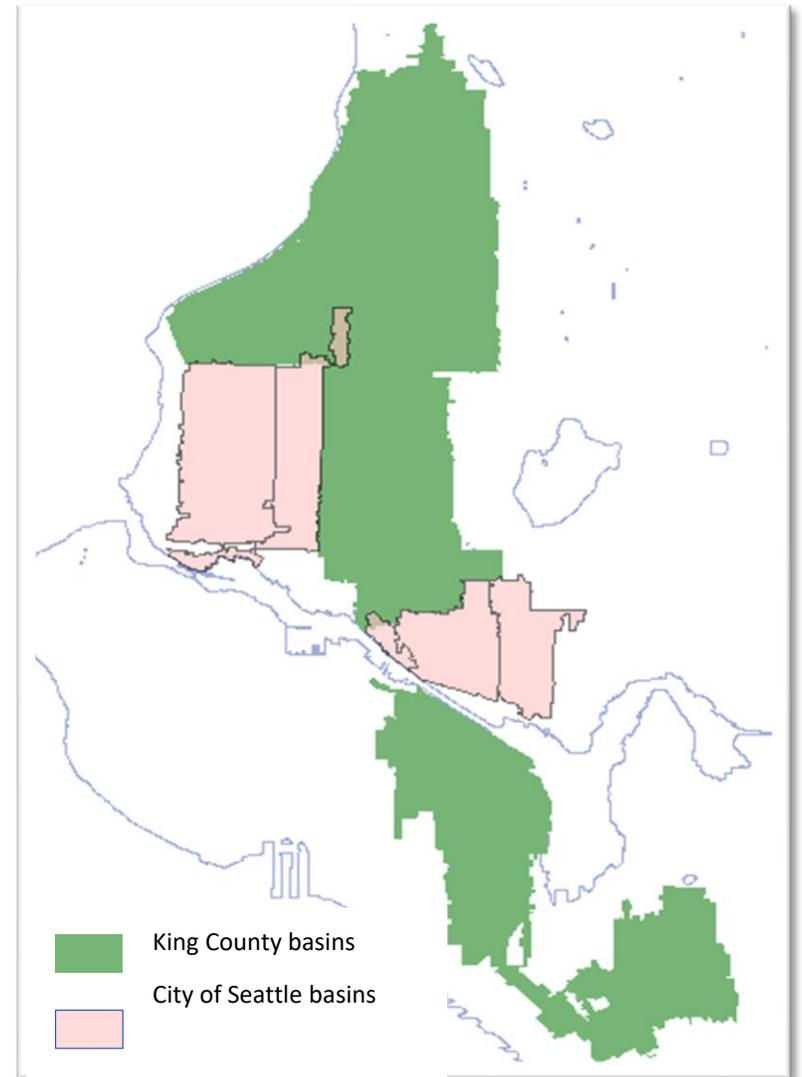
This project will improve public health and the environment by keeping an average of more than 75 million gallons of sewage and polluted stormwater out of the Ship Canal, Salmon Bay, Lake Union, and Puget Sound each year. It is an investment in Puget Sound's health and our region's future.

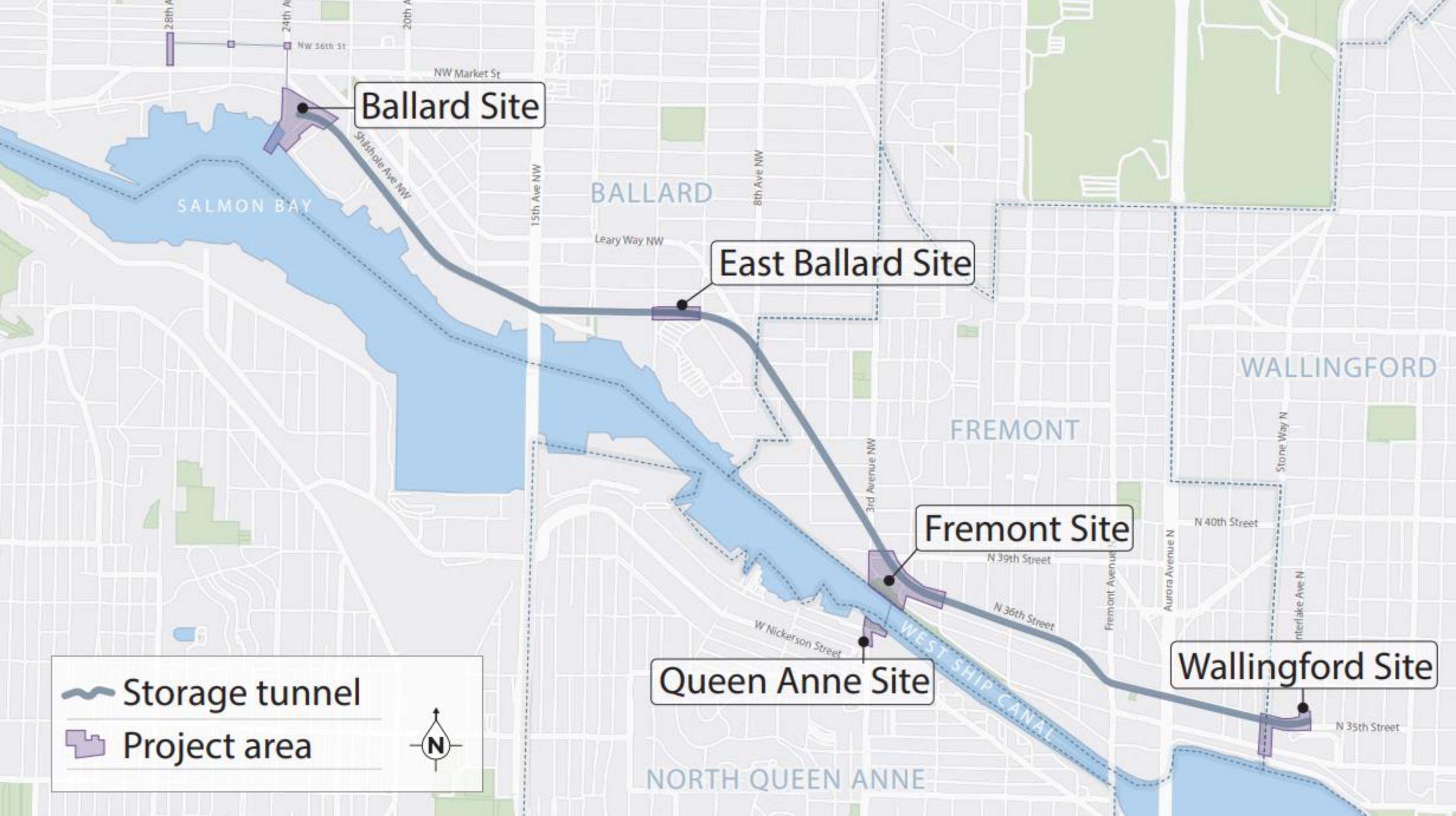
Consent decree

- With US Department of Justice, US Environmental Protection Agency, and WA Department of Ecology
- Less than 1 combined sewer overflow per outfall per year on a 20-year moving average

Joint Project: King County & City of Seattle

- 6 Outfalls: 2 KC, 4 Seattle
- Cost Share: City of Seattle (65%), King County (35%), approx.





Ballard Site

East Ballard Site

Fremont Site

Queen Anne Site

Wallingford Site

 Storage tunnel

 Project area



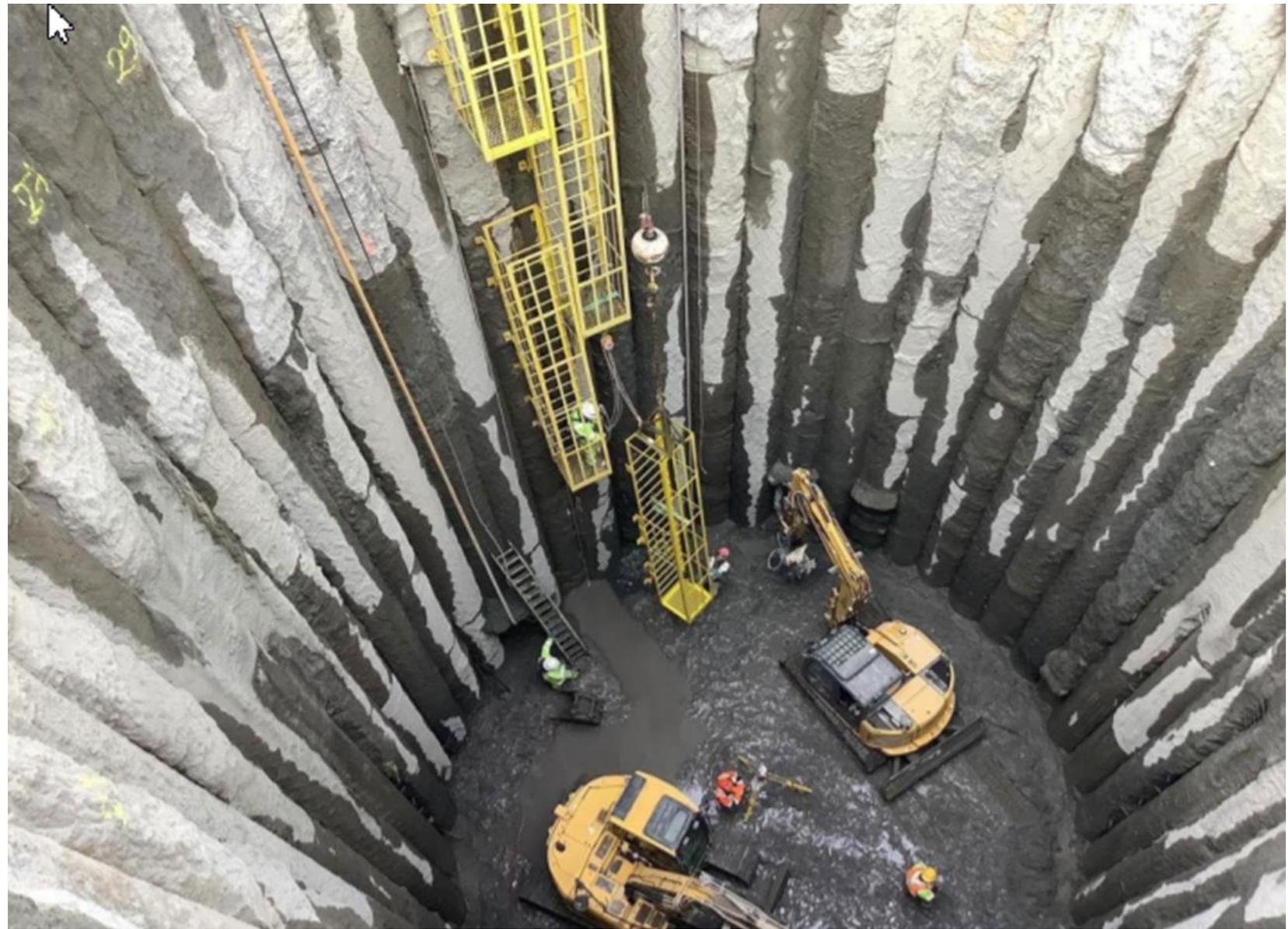
Storage Tunnel Construction Update

- Launch Shaft in Ballard is complete
- Tunnel Boring Machine (TBM) has been delivered to the site from Germany and is being reassembled
- Site set up and shaft prep for tunneling operations continues
- Target launch date for the TBM is June
- The TBM will have a name soon
- TBM is expected to reach Fremont in spring 2022

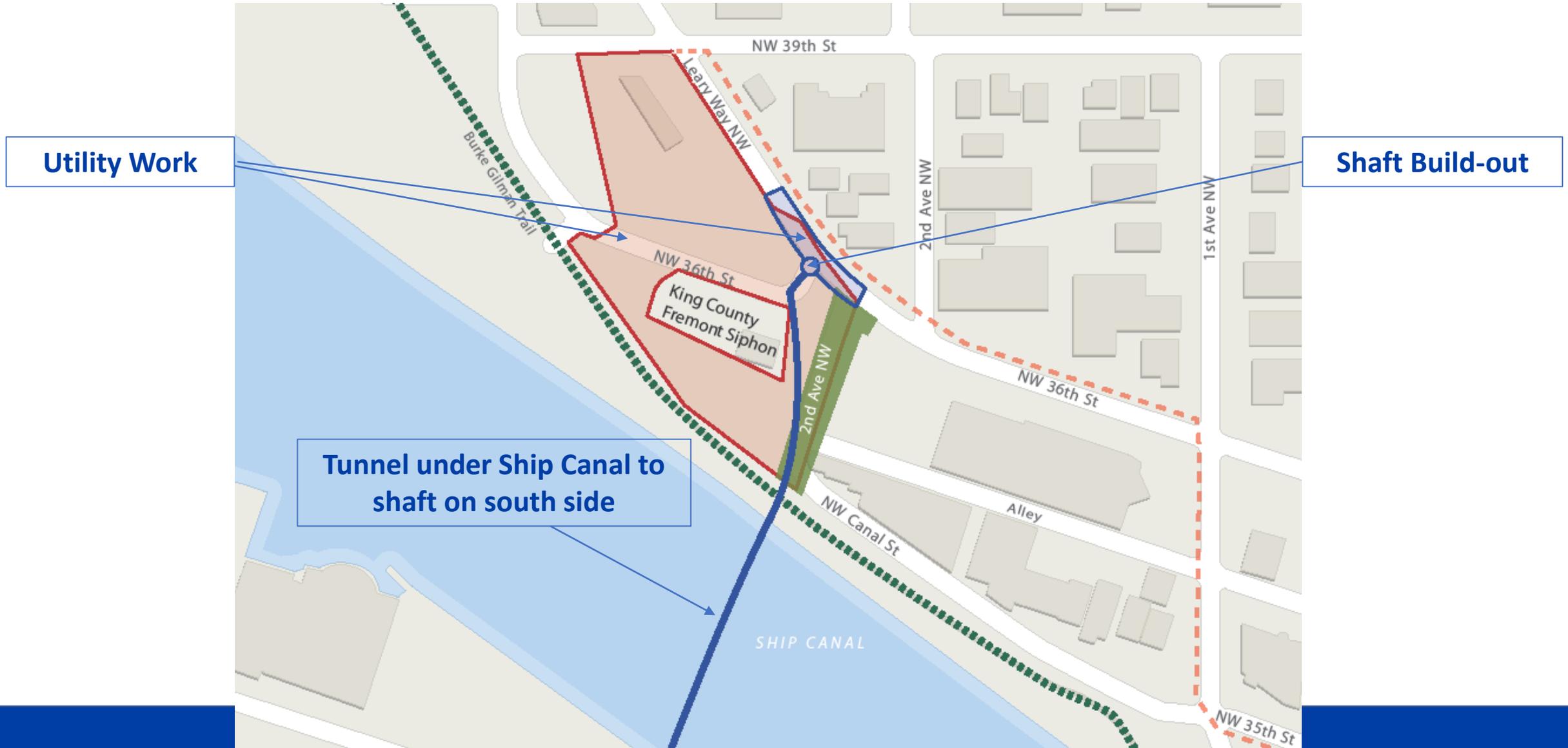


Construction Progress in Fremont

- Secant pile wall completed in early January 2021
- Shaft excavation and base slab completed in March



Upcoming 2021 work in Fremont



8-foot Conveyance Tunnel Boring Machine



Questions

