



2800 Block Perkins Lane W Retaining Wall

Presentation Overview

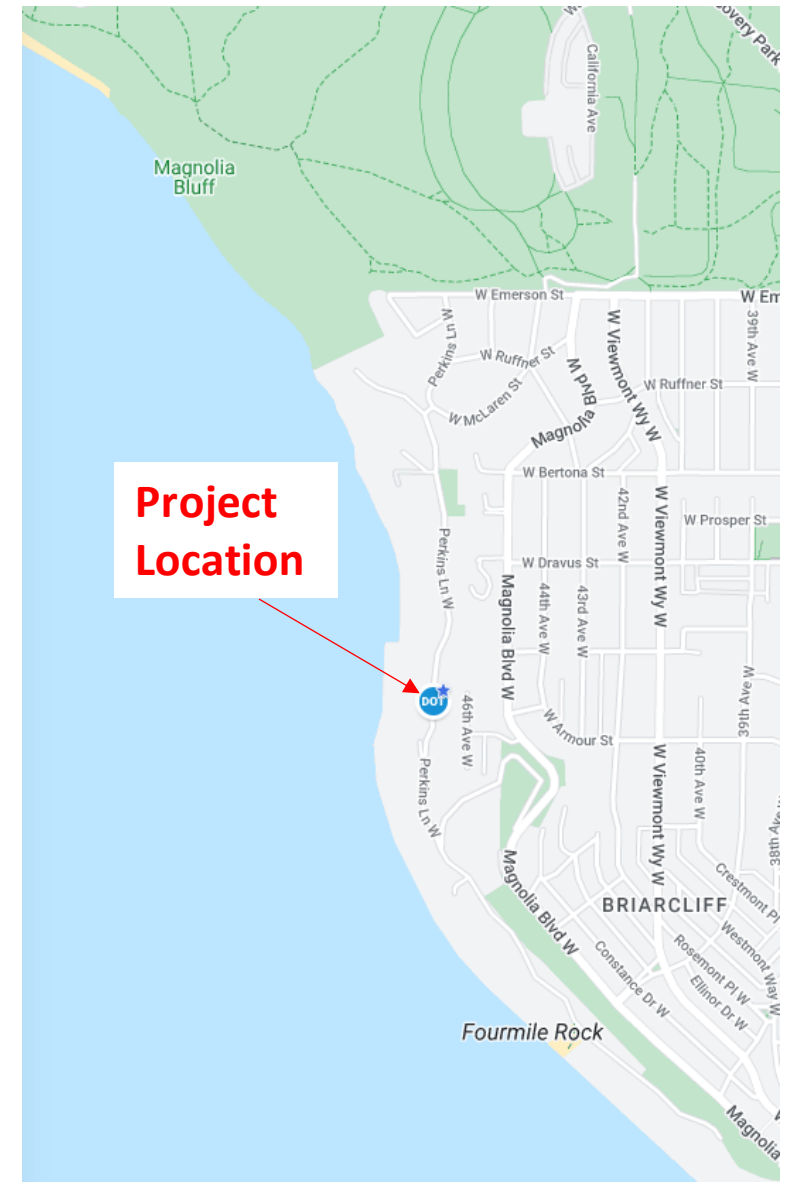
- Introductions
- Project Overview
- Construction Overview

Project Team

- Project Manager – Colleen Woods
- Public Information Officer – Darrell Bulmer
- Construction Management – Chris Barnes

Project Objective

- The objective of this project is to construct a retaining wall along the bottom of a steep slope located on the east side of the 2800 block of Perkins Ln W to mitigate against landslides.



Existing Conditions

- SCL and telecoms were previously relocated to west side of the road
- 23 piles have been purchased by SDOT for installation by contractor
- Temporary ecology blocks installed in June 2022



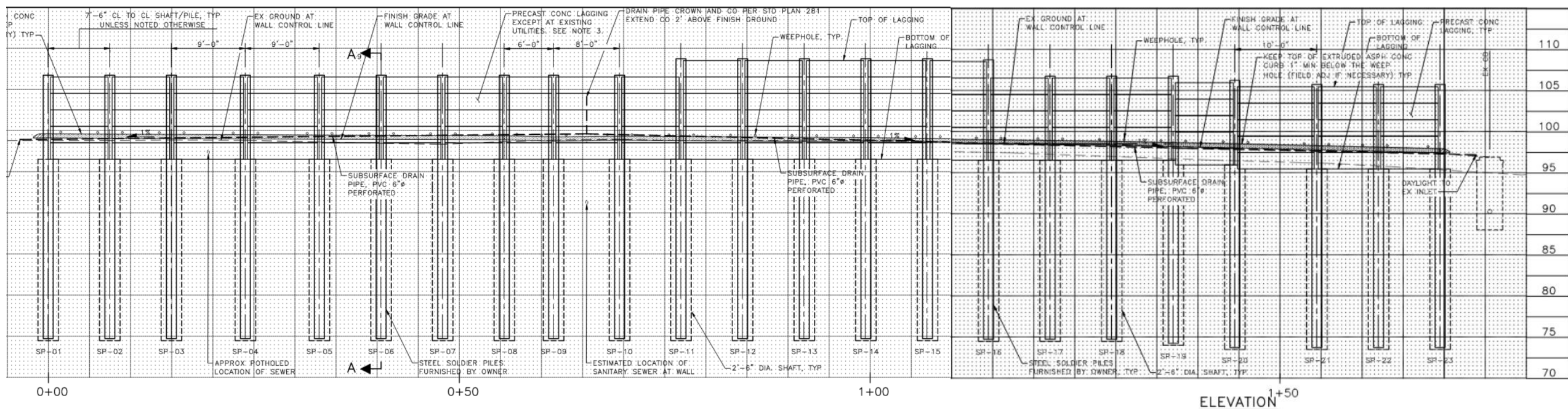
Existing Conditions



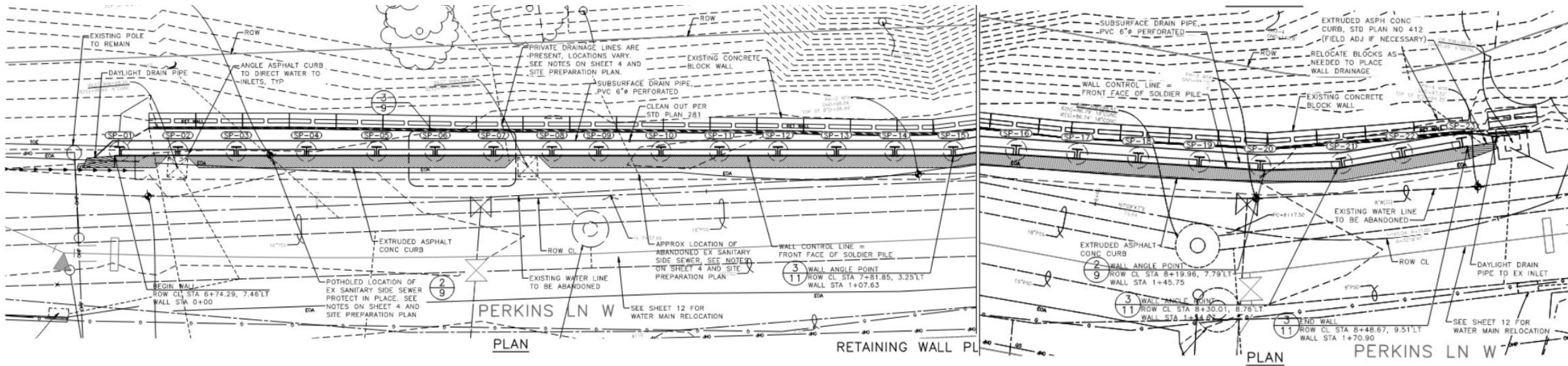
Wall Design

- 180 feet long soldier pile wall with precast lagging
 - Max height of about 10 feet above roadway
 - Build wall higher than existing ground to allow for 'catchment' of sloughing soil
- Soldier pile wall selected to avoid excavation into slope behind wall.
- City recently used a similar design for landslide mitigation along Rainier Ave South.
- Set wall alignment to original edge of pavement
 - Maintain existing inlets and catch basins

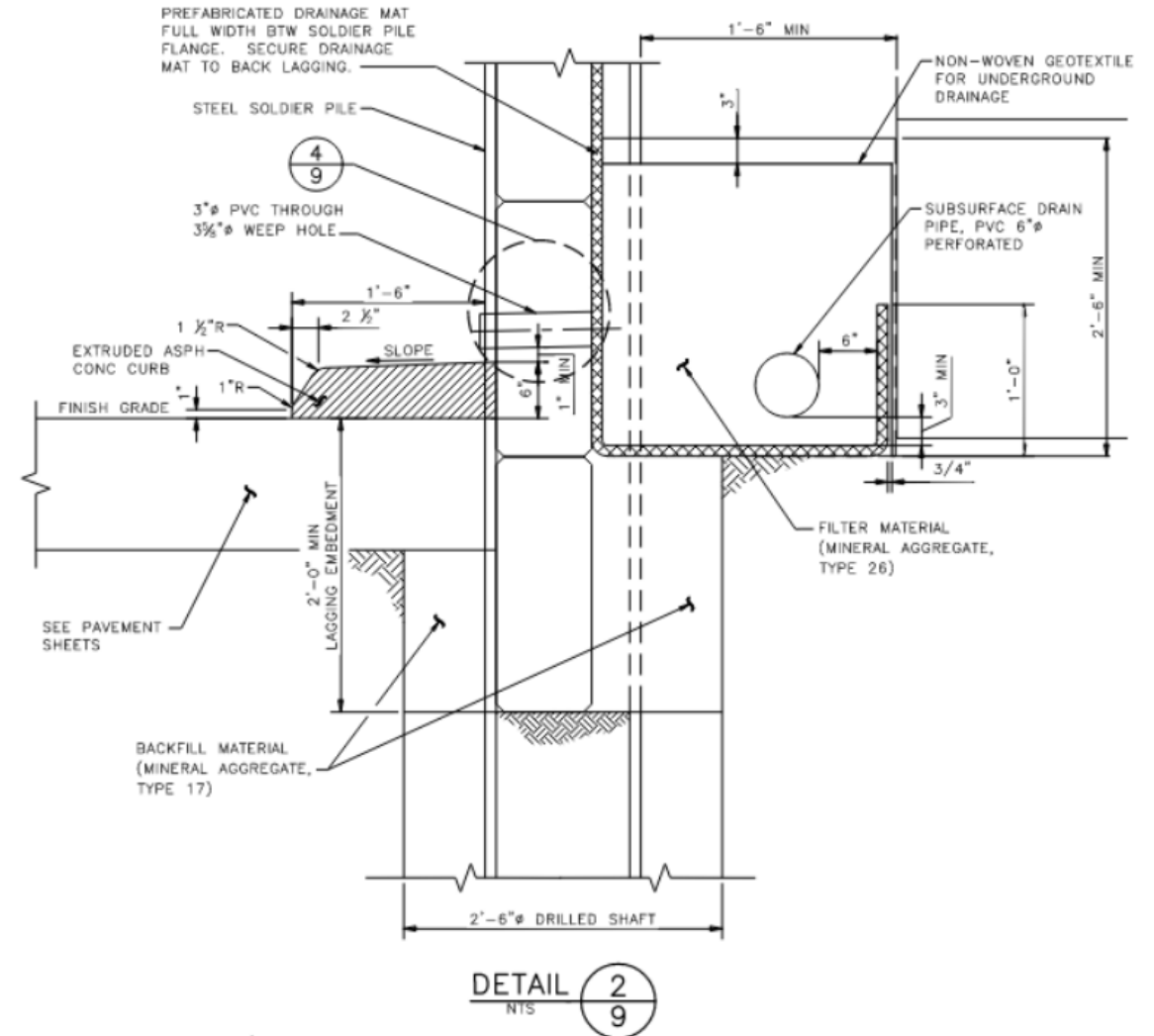
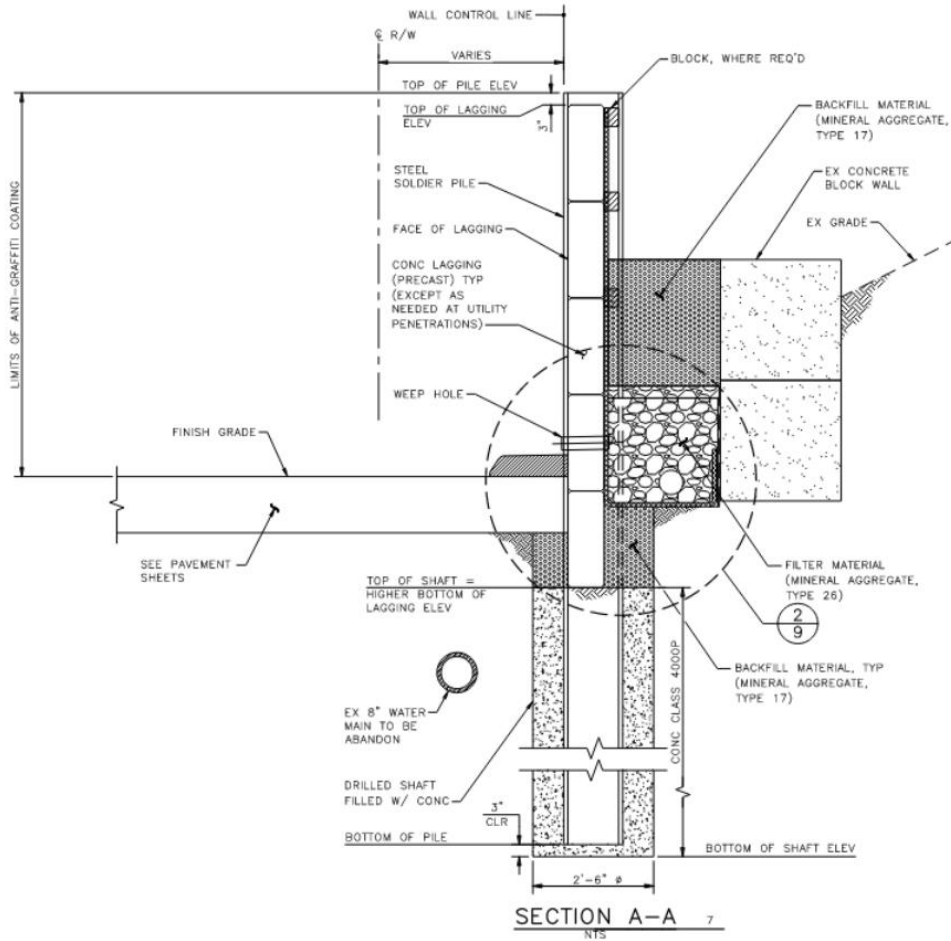
Wall Design



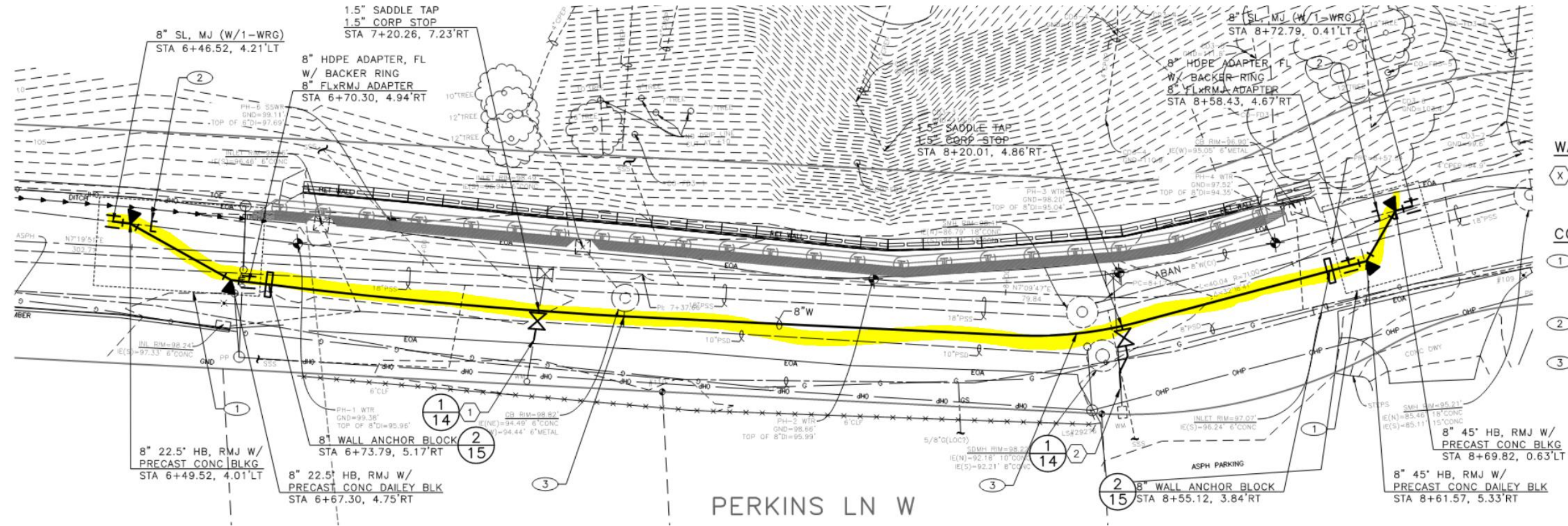
Wall Design



Wall Design



Watermain Design



Project Schedule

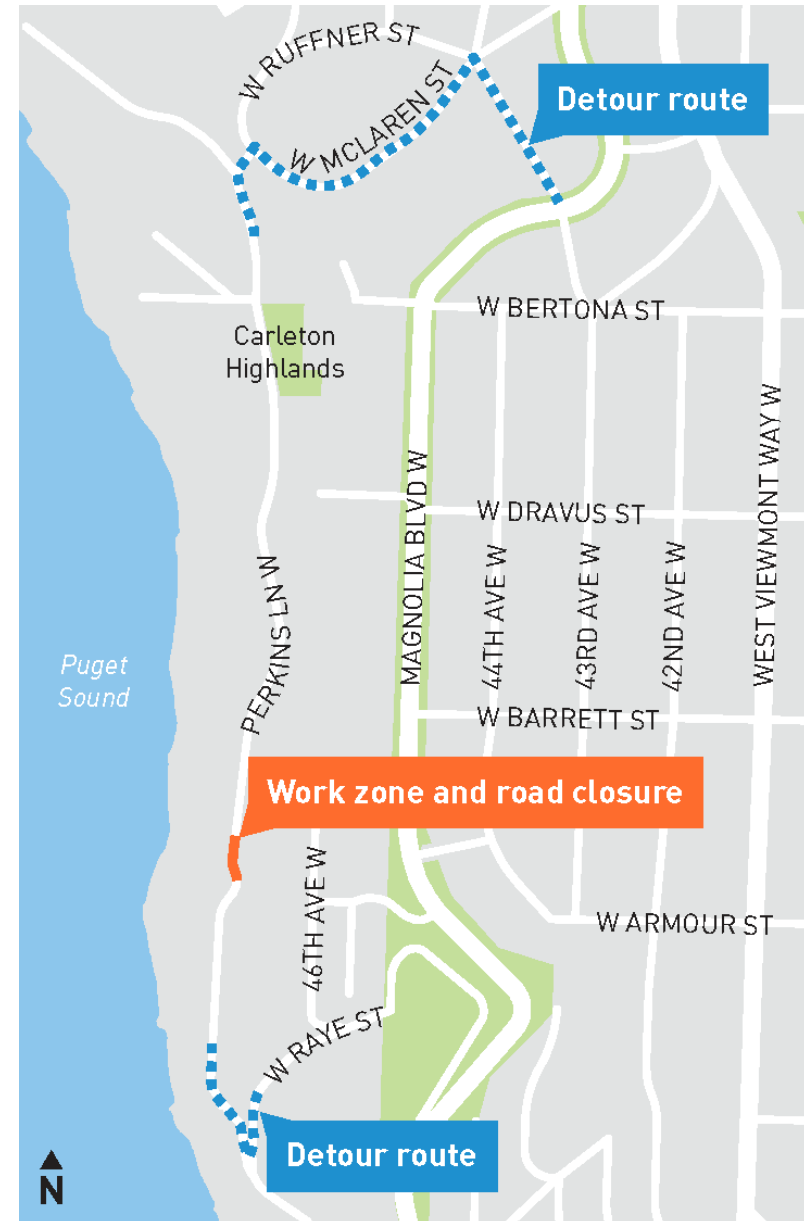
- Construction to start summer
- Expected to be complete by the end of 2024

Construction Impacts

WHAT TO EXPECT DURING CONSTRUCTION

We will minimize construction impacts as much as possible. During construction, please expect:

- Typical weekday work hours of 7 AM–5 PM, Monday through Friday
- Road closures and detours for people driving, walking, and biking
- Water shutdowns
- Some short-term driveway access disruptions
- Noise, dust, and vibrations during work hours



Questions?

Darrell.Bulmer@Seattle.gov

www.seattle.gov/transportation

