5th Avenue NE Sidewalks (NE 175th St – NE 182nd Ct)

March 21, 2022

CITY OF
SHORELINE

Overview

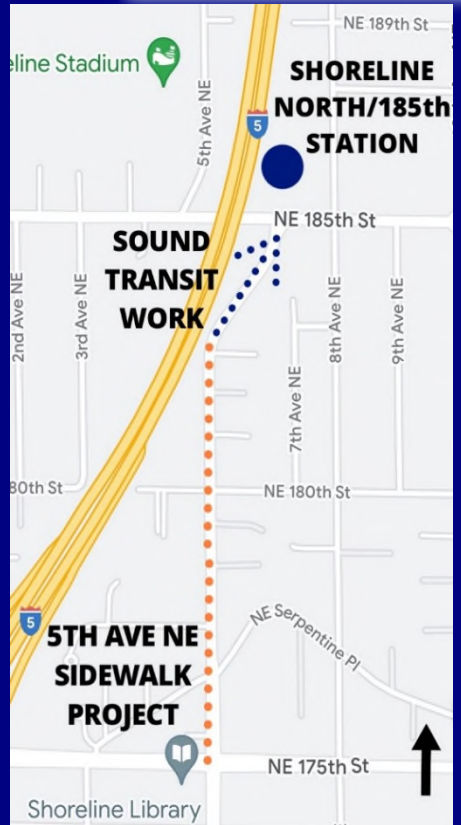- Background on the Project
- Tree Impacts
- Alternative designs considered
- Impacts on Climate footprint
- Authorize Contract for construction

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Background

- Two projects develop sidewalks on 5th Ave NE from 175th St to 185th St
  - City from NE 175th St to NE 182nd Ct
  - Sound Transit from NE 182nd Ct to NE 185th St

- Direct Connection to Shoreline North/185th Station

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Background

- One of 12 Voter Approved Sidewalks

- Sound Transit funding

- Major Transit Route

- Design meets ADA Standards & Bike Master Plan

- Increase Non-motorized Traffic at Station Opening

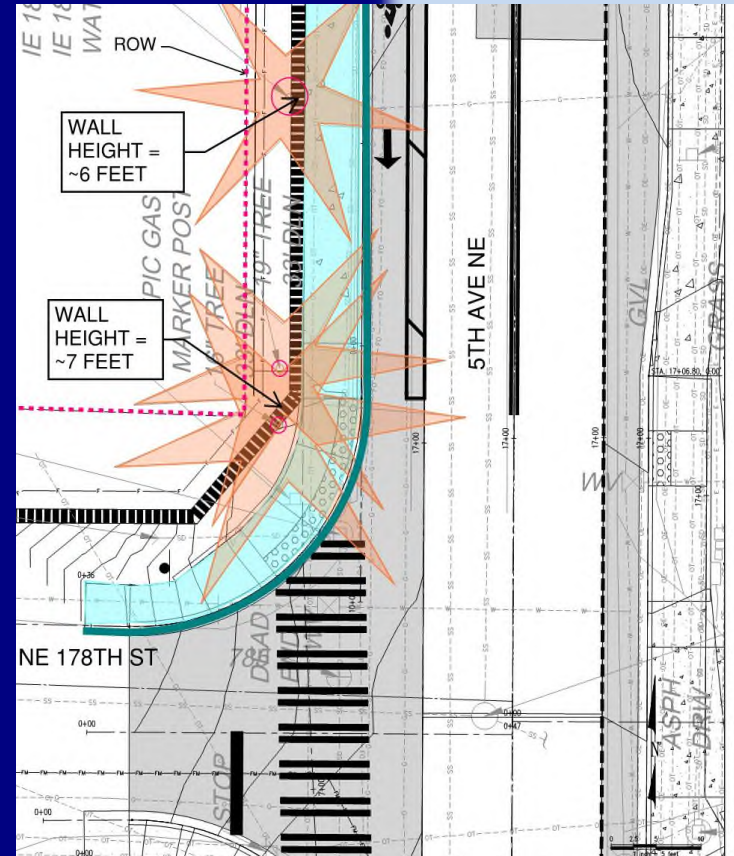- Supports long term goals for mode shift in our transportation network

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Tree Impacts

- 23 Trees Impacted on Project
  - 19 classified as fair or poor condition
  - 4 classified as 'good' condition including the Western Red Cedars at 178th/5th
- Wall to support sidewalk along 5th Ave NE and NE 178th St impacts trees and roots
- ADA Ramp moves wall further into trees
- Pump Station on east side of road set curb line (no center line shift possible & bike buffer already removed)

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ROW

WALL HEIGHT = ~6 FEET

WALL HEIGHT = ~7 FEET
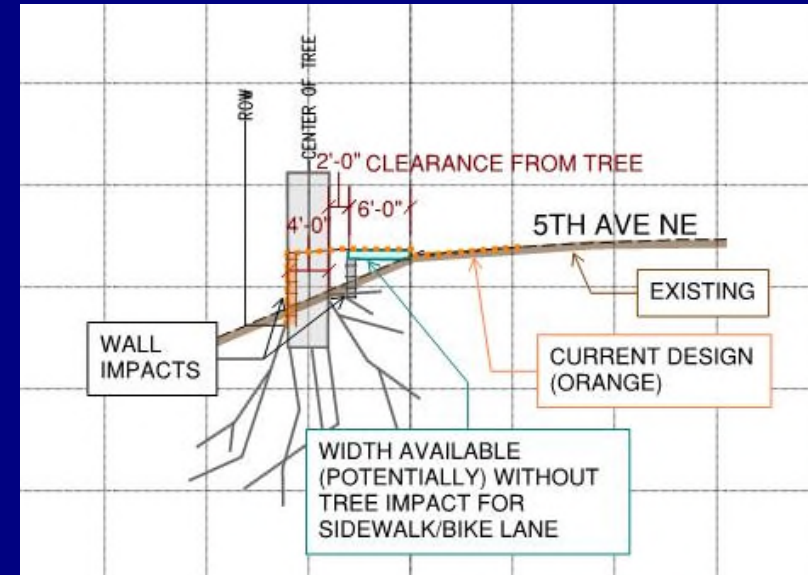
5TH AVE NE

NE 178TH ST

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Modifications

- Only 6 feet of width available for improvements to not touch a tree trunk
  - Could develop either bike lane or sidewalk
- Wall is still required and will impact roots
- Removal of the Bike Lane or Sidewalk won't meet City's goals, plans or ADA standards
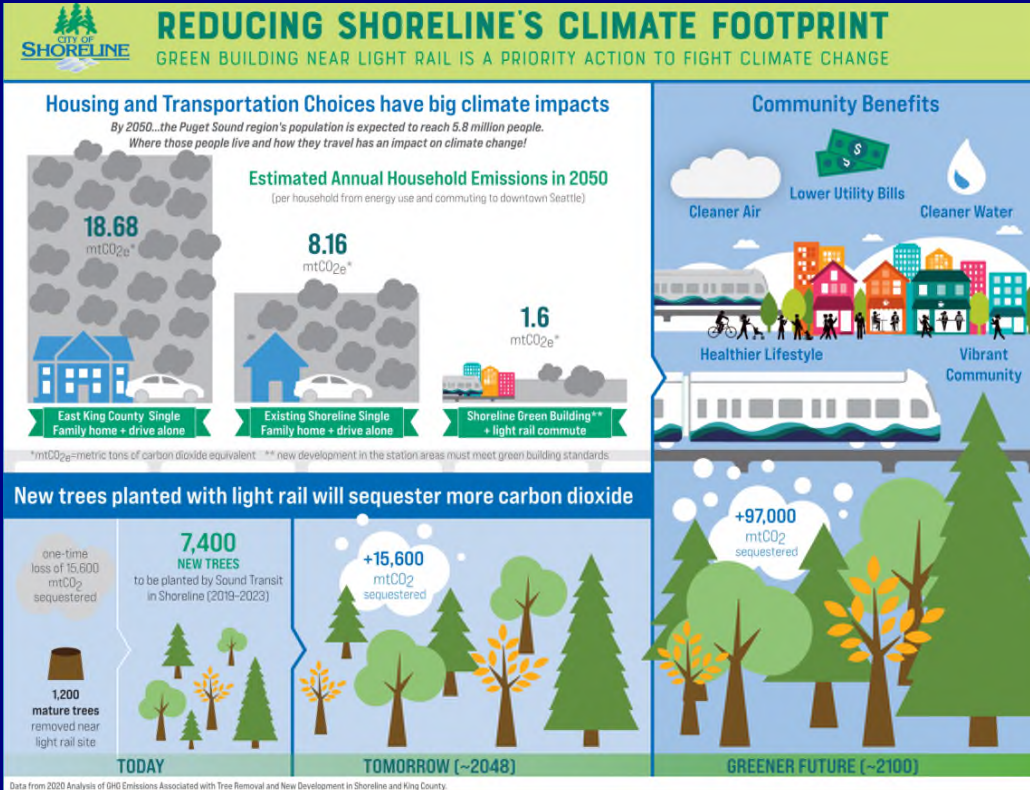

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Other Modifications Reviewed

- Shared Use Trail

- Sidewalk Behind Trees

- Elevated Walkway

- Reduced Sidewalk Widths/ Removal of Bike Buffer

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Reducing Climate Footprint

- Trees
- Transportation Choices
- Short and long term impacts

Tonight

- Authorize construction contract with Rodarte for the 5th Ave sidewalk project