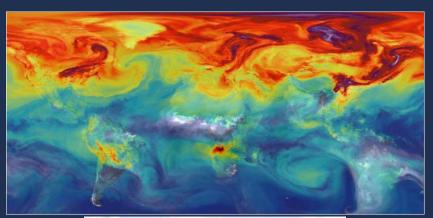


Sound Transit System Expansion

Implementation of Sound Transit System Expansion will result in a net reduction of greenhouse gas emissions by more than 793,000 metric tons annually

This is equal to:

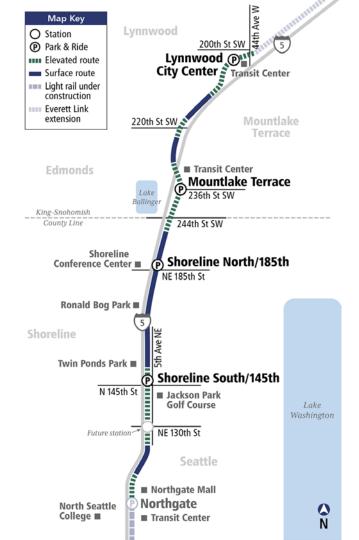
- Burning more than 89 million gallons of gasoline
- Powering the electricity for over 117,000 homes annually
- Sequestering the carbon equivalent to growing more than 20.5 million tree seedlings for 10 years





Lynnwood Link Extension

- Length: 8.5 miles
- Guideway: about half elevated and half at grade
- Projected ridership: 74,000 riders each weekday in 2035
- Start of service: 2024



Acquiring Property for Construction



- When building light rail property is needed for construction and transit operations
- Many properties are located along freeway rights-of-ways where light rail facilities will be located

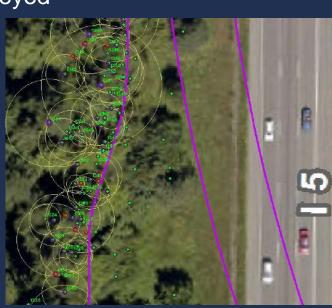
Acquiring Property



- Sound Transit works with stakeholders to explore methods for saving as many trees as possible
- Sound Transit partnered with WSDOT to develop a corridorwide Roadside Master Plan to define restoration following construction

Tree Inventory and Assessment

- Approximately 8,000 trees over 4 inches in diameter surveyed
- Information collected
 - Location
 - Height
 - Spread
 - Root zone
 - Diameter
 - Species
 - Health



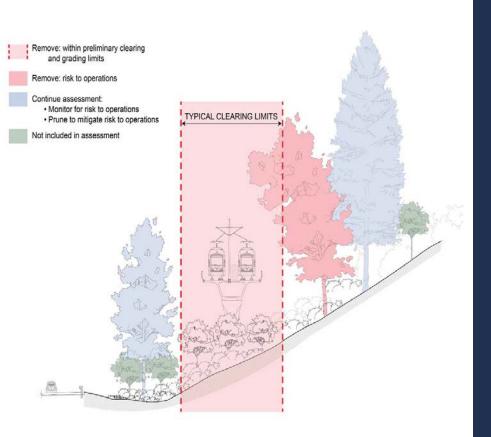


Hazard Assessment

Risk of Service Disruption

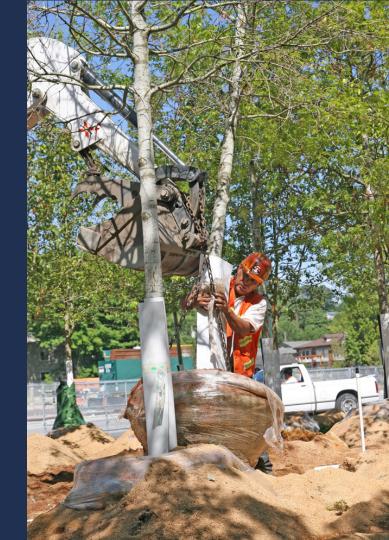
- •Identified potential hazard trees
- Risk Assessment
 - Targets
 - Likelihood
 - Severity
- Develop potential mitigation strategies





- Trees are removed in areas where track, guideway or other transit infrastructure will be located
- Trees are also removed for safety to reduce potentially hazardous trees from falling on the tracks
- Trees will be continually assessed and monitored for risk to operations

- Elements of the plan include planting trees within the Corridor at areas outside the immediate construction area
- Local agencies worked closely with Sound
 Transit to identify short-statured tree species
 that could be planted under elevated guideways
 where feasible for safety and long-term
 maintenance



- Using these tree replacement plans, trees are removed and replaced as work areas are cleared for construction
- Ratio of replaced to removed trees depends on several factors:
 - Number and species of trees removed
 - Maturity
 - Federal environmental regulations
 - State/local requirements



Additional mitigation that Sound Transit is currently negotiating with WSDOT:

- Extend the standard 3-year plant establishment period to add 10 years, for a total of 13 years of plant monitoring
- Larger, 2-5 gallon plantings
- This approach will ensure the replacement plantings are successful over the long term

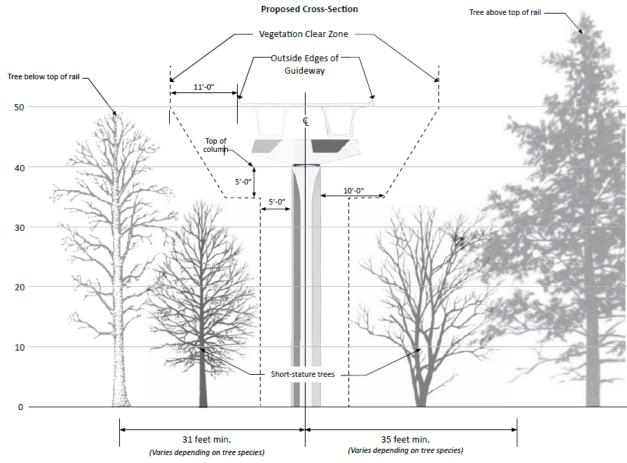


- Consideration in the plan is made for Priority Habitat Areas and Resource Conservation Areas (RCA)
- Concurrence was reached with FHWA and WSDOT for mitigation approach for impacted RCA's throughout the corridor

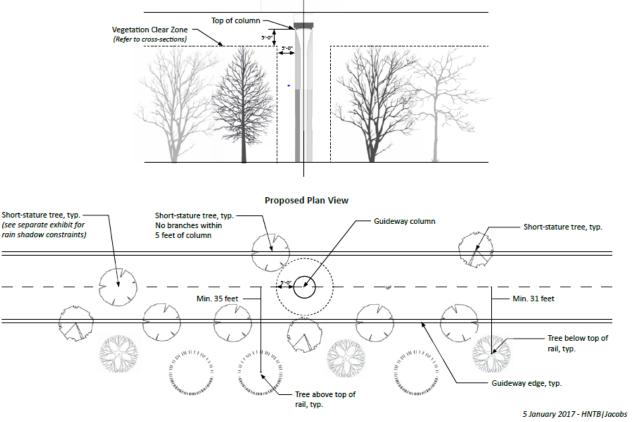
Vegetation Clear Zone

Guideway elevated 50 feet above Ground Proposed Cross-Section

Vegetation Clear Zone – 50 ft Guideway



Vegetation Clear Zone Guideway elevated 30+ feet above Ground Proposed CrossSection



Vegetation Clear Zone - Guideway Elevated 30+ Feet above Ground Proposed Longitudinal Section

Invasive species

- Invasive species (e.g. blackberries and ivy) will be removed and replaced with trees to improve corridor habitat
- Native, adaptive plant and tree species are among those considered for replacement trees

Planting under the Guideway in Tukwila



Repurposed trees

- In compliance with project contractual restrictions, merchantable timber rules, regulations and other concerns, removed trees are generally repurposed by the contractor
- On the Lynnwood Link project, trees will be used for timber and mulch and not end up in landfills





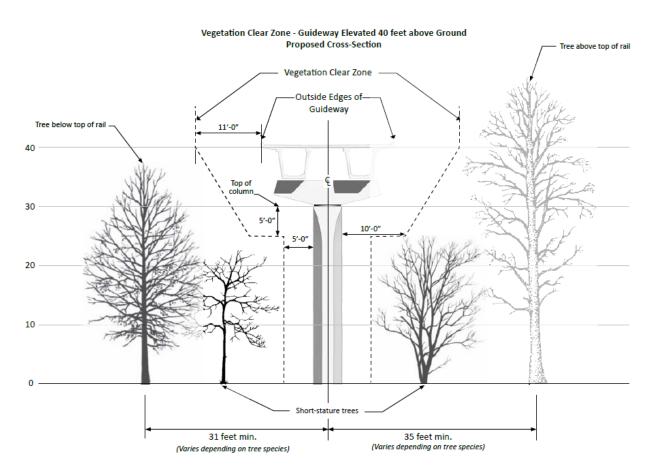
 Once service is up and running, Sound Transit will actively monitor the growth and stability of replanted trees





Vegetation Clear Zone

Guideway elevated 40 feet above Ground Proposed Cross-Section



Vegetation Clear Zone

Guideway elevated 30 feet above Ground Proposed Cross-Section

