



Sounder Yard and Shops Project Briefing

Capital Committee
January 14, 2016

SOUND TRANSIT

Sounder commuter rail corridors

Sound Transit operates Sounder commuter rail service along the following corridors:

Tacoma-to-Seattle (SEP 2000)

- 10 roundtrips
- 11th roundtrip (SEP 2016)
- 12th & 13th roundtrips (SEP 2017)
- Amtrak mid-day storage

Everett-to-Seattle (DEC 2003)

- 4 roundtrips
- Everett layover area

Tacoma-to-Lakewood (OCT 2012)

- 6 roundtrips
- Lakewood layover area



Programmatic Requirements

- Close proximity and access to mainline railroad right of way
- Project site that could accommodate the Sounder fleet and its facilities with modest growth
- Affordability



Maintenance



- Sounder fleet includes 81 vehicles
- The maintenance facility will include six bays
 - 3 bays for cabs and coaches
 - 2 bays for locomotives
 - 1 bay to include a drop table

Project sites evaluated

Everett Layover

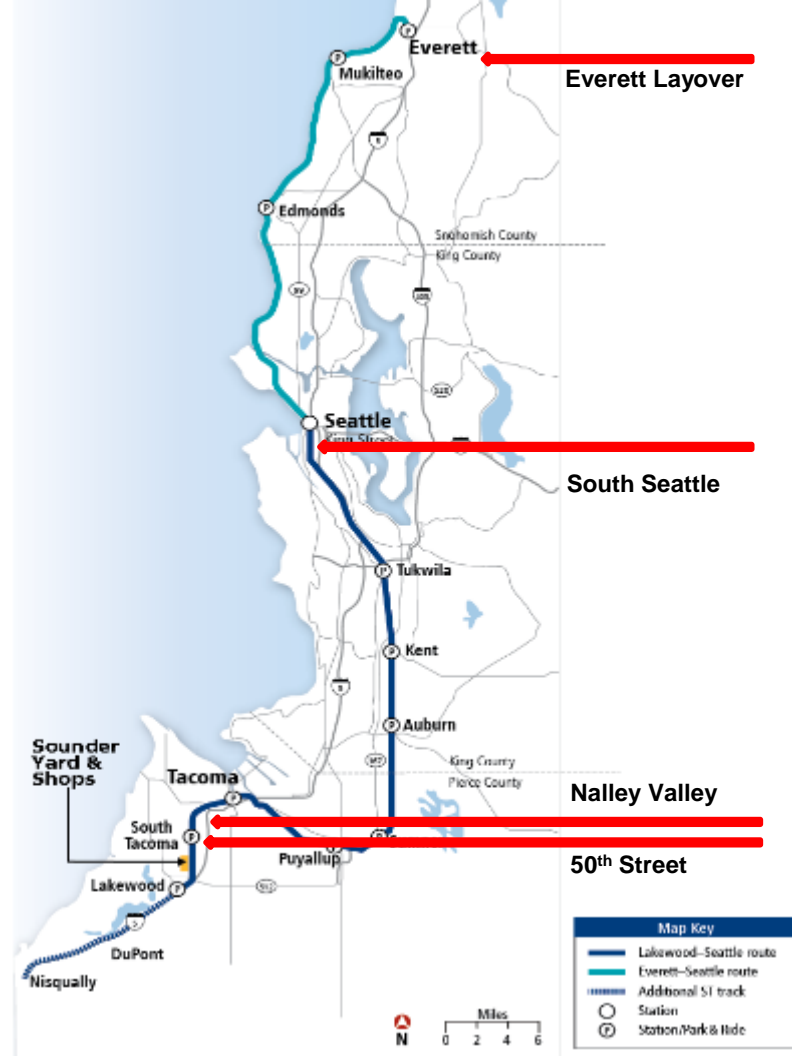
- Constrained railroad corridor
- Sounder operations inefficiencies

South Seattle

- High cost of property acquisition
- Likely substantial displacements
- Cost prohibitive

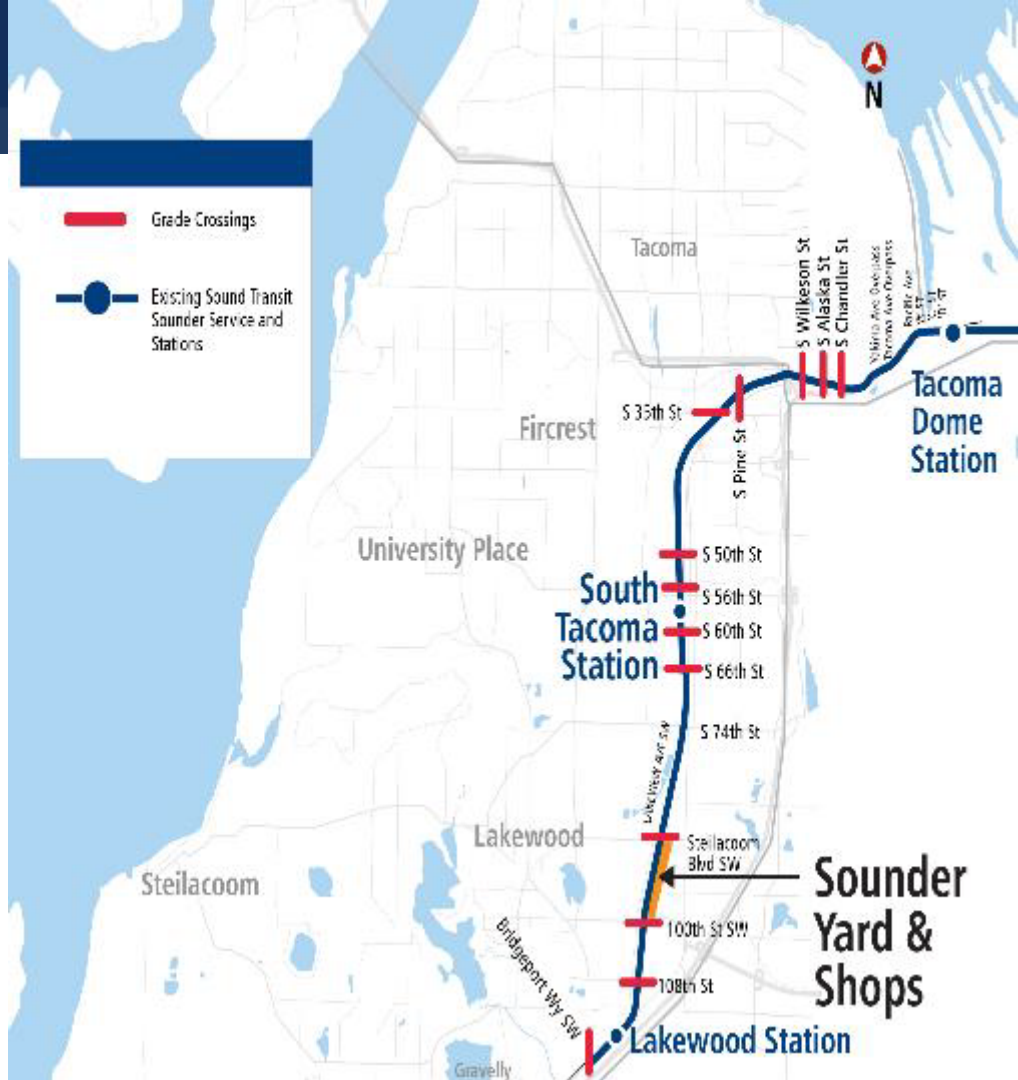
Pierce County

- Sound Transit owns the railroad corridor
- Fewer business displacements



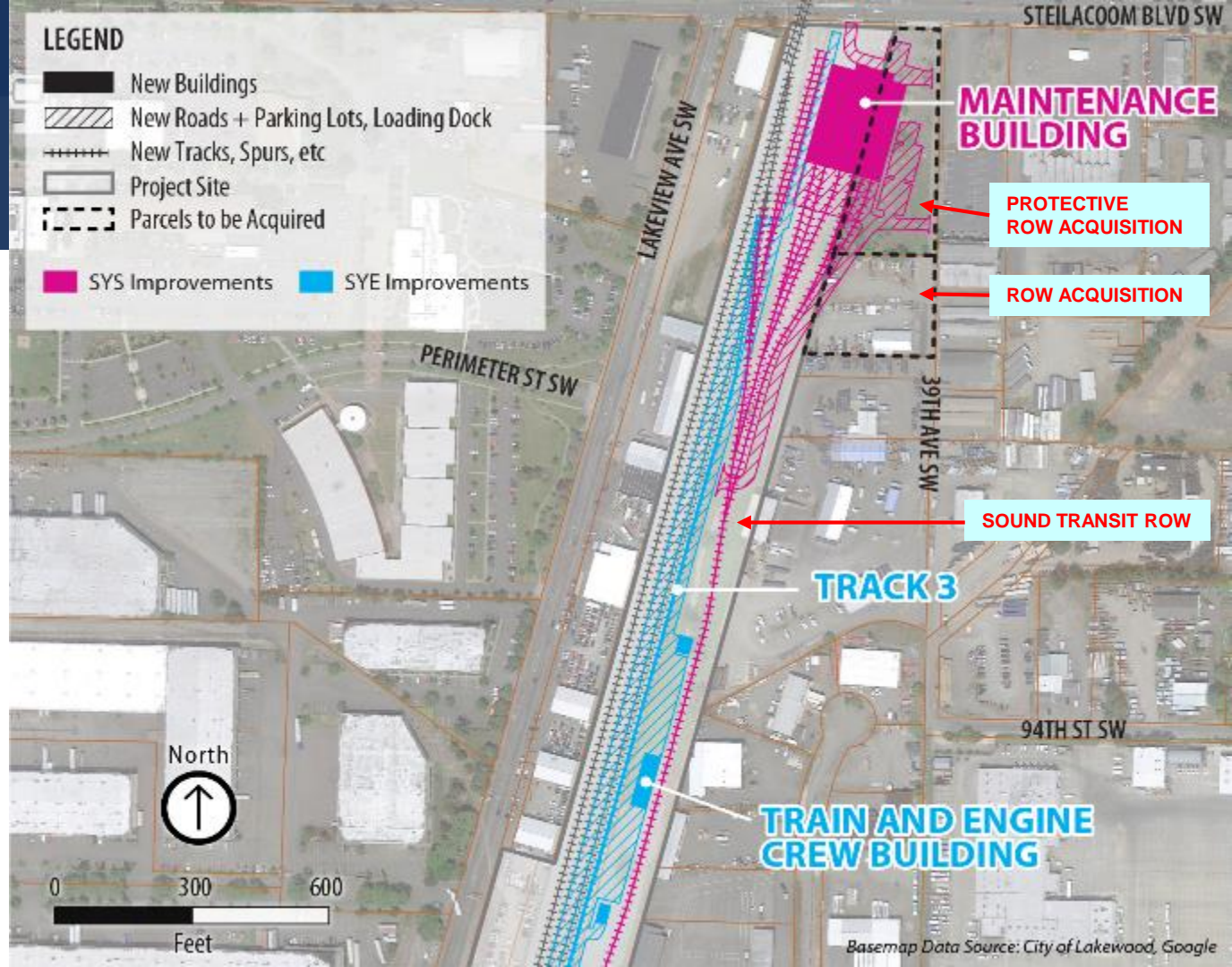
Sites evaluated in Pierce County

- South 50th Street
- Nalley Valley (35th Street)
- Lakewood (Option 1) Steilacoom Blvd – 100th Street – 108th Street
(ROW acquisition east of the railroad right of way)
- Lakewood (Option 2) Steilacoom Blvd – 100th Street – 108th Street
(less ROW acquisition east of the railroad right of way)
- Lakewood (Option 3) – Steilacoom Blvd – 100th Street
(two private properties and possible easements on shared private road)



Lakewood Option 3 Project Site

- Property owned by Sound Transit
- Compatible to Land Use Zoning in area
- Cost Effective



Board Approved Phased Implementation (R2013-13)

	Souder Yard Expansion	Souder Yard and Shops
SCOPE	<ul style="list-style-type: none"> • Third storage track to accommodate 7th train consist • 3200 square foot building <ul style="list-style-type: none"> – Train and engine crew building 	<ul style="list-style-type: none"> • 40,000 square foot building <ul style="list-style-type: none"> – Maintenance facility (six bays) – Welfare facility – Administration office – Material warehouse • Yard tracks
SCHEDULE COMPLETION	4Q 2016 – 1Q 2017	1Q 2021 – 4Q 2023* <i>*Project delivery procurement method still to be decided</i>
COST ESTIMATE	\$21M	\$70M - \$75M
	<i>Total cost of \$91M to \$96M for both projects compares to ST2 finance plan of \$150M</i>	

Environmental Review for Yard and Shops

- FTA issued NEPA approval in December 2015 for protective acquisition of the private parcel and its acquisition is exempt under SEPA
- NEPA and SEPA environmental review of the Yard and Shops Project is underway and anticipated to be complete in February 2016
- SEPA review includes 2-week public comment period.

Next steps

- The Capital Committee considers today Resolution 2016-01 for protective property acquisition
- Environmental review to be completed in February 2016
- Additional community outreach to local jurisdictions and community
- Board of Directors selects the project to build the Maintenance Facility



The image features a dark grey horizontal banner across the center. On the left side of the banner is the Sound Transit logo, which consists of a white square containing a stylized 'S' and 'T' symbol. To the right of the logo, the words 'SOUNDTRANSIT' are written in a bold, white, sans-serif font. Below 'SOUNDTRANSIT', the slogan 'RIDE THE WAVE' is written in a smaller, white, sans-serif font. The background of the entire image is a close-up of a transit vehicle with a white upper section and a blue lower section, separated by a wavy teal and blue graphic. The vehicle has several dark windows and some small white signs.

SOUNDTRANSIT
RIDE THE WAVE

Sounder Yard and Shops - Background & History

- 2008 ST2 Transportation Plan
- 2009 Sound Transit Board Re-Alignment
- 2010 ST initiated contract procurement process to hire consultant
- 2011 ST began the programmatic requirements and alternative analysis evaluation process
- 2012 Lakewood Layover opens to support opening of the Tacoma-to-Lakewood corridor
- 2013 ST Board approved new project Sounder Yard Expansion Project

Program Maintenance (90-Day to 4-Year)

- All Maintenance levels required by law (81 Sounder Vehicles)
- Federally mandated maintenance work
 - Audited by FRA, APTA, FTA and Internal Audits
 - Continuous daily work to meet these inspection needs
- Represents the required maintenance cycle for each vehicle
 - 90-Day 324 vehicles every year
 - 180-Day 162 vehicles every year
 - Annual 81 vehicles every year
 - 18-Month 60 vehicles every year
 - 2-Year 40 vehicles every year
 - 3-Year 30 vehicles every year
 - 4-Year 20 vehicles every year