



ST3 Expert Review Panel: ST3 Draft System Plan Overview

April 11, 2016

 **SOUNDTRANSIT**

Agenda

- ST3 Draft System Plan
 - 25 year plan
 - Representative projects
 - Evaluation, cost estimate, ridership, risk assessment
- Project updates since 12/4/15
 - Scope, schedule, budget
 - Integration
- Early Deliverables

ST Board's Core Priorities for ST3

COMPLETING THE LINK
LIGHT RAIL SPINE



RIDERSHIP



INTEGRATION WITH OTHER
TRANSIT OPERATORS/
TRANSPORTATION SYSTEMS



MULTI-MODAL ACCESS



CONNECTING THE REGION'S
DESIGNATED CENTERS
WITH HCT



PROMOTING TRANSIT
SUPPORTIVE LAND USE
AND TOD



SOCIO-ECONOMIC
EQUITY



ADVANCING "LOGICAL
NEXT STEPS" PROJECTS
BEYOND THE SPINE; WITHIN
FINANCIAL CAPACITY



2023 ST2 System



Projects	Scheduled Completion
University Link Extension	2016
Angle Lake Link Extension	2016
Northgate Link Extension	2021
Tacoma Link Extension (partnership project to be baselined in Q2 2017)*	2022*
East Link Extension	2023
Lynnwood Link Extension	2023
Extension to Kent/Des Moines	2023

Project Updates (Since 12/04/15)

Scope Refinements

- Early deliverables
- Lynnwood to Everett LRT: Stations and parking
- Ballard to Downtown Seattle: Stations and profile
- Tacoma Link: Vehicle fleet and right-of-way
- Rail on Eastside: Stations and profile
- I-405 BRT
 - Combination of elements
 - South Renton Transit Center
- South Lake Union Station (SR 99/Harrison St. Vicinity):
 - Off-street bus facilities removed
- Bus Capital Enhancements for Pacific Ave.:
 - Scaled funding
- South Sounder Capital Improvements Program
- HCT studies
- Adjustments to the regional program funds

Completed Risk Assessment

- Reviewed all major projects

Completed Cost Validation:

- Adjusted costs for Ballard to Downtown Seattle & West Seattle to Downtown Seattle

Ridership updates

- Updating tolling assumptions: ERP and PSRC
- Latest population and employment forecasts from PSRC (Land Use Vision)

PROPOSED ST3 PROJECTS

- Link Light Rail
- Bus Rapid Transit
- Souder Rail
- Proposed shoulder-running buses / speed and reliability improvements
- Environmental study
- Future investment study

CURRENT AND PLANNED SERVICE

- Link Light Rail
- Souder Rail
- ST Express Bus

STATIONS

- New station
- New station / added parking
- Improved station
- Major rail transfer

NOTE: All routes and stations are representative.



DRAFT ST3 System Plan: BRT and ST Express

Projects	Draft Schedule
<p>ST Express:</p> <ul style="list-style-type: none"> Approximately 600K annual hours to continue providing interim express bus service in future HCT corridors 	On-going
I-405 BRT: Lynnwood to Burien	2024
<p>SR 522 & 145th St. BRT:</p> <ul style="list-style-type: none"> UW Bothell to 145th Light Rail Station Includes service from Woodinville 	2024

DRAFT ST3 System Plan : Sounder

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Projects	Draft Schedule
Lakewood to DuPont Sounder	2036
South Sounder Capital Improvements Program:	2024-2036
<ul style="list-style-type: none"> Program to fund capital items as such as track improvements, platform extensions, and access projects to meet growing demand 	

DRAFT ST3 System Plan : Environmental and Future Investment Studies



Studies
HCT Environmental Study: Bothell to Bellevue via Kirkland
HCT Study: Northern Lake Washington
HCT Study: Light Rail extending from West Seattle to Burien, and connecting to Light Rail Spine
HCT Study: Connections from Everett to North Everett
HCT Study: Commuter Rail to Orting

TOD

- Project allowances for TOD Planning and due diligence
- Regional Equitable TOD Fund: \$20 Million
- TOD Program: \$20 Million
 - Supports analysis in anticipation of sale, lease, or transfer of surplus property

Integration

- Projects for transit partners included (ex. Pacific Ave.)
- Project allowances for funding bus/rail transfer facilities
- Coordination with transit partners in development of concurrent long-range planning

Access

- System access program: \$100 million
- Innovation and Research program: \$75 million
- Project allowances: Non-motorized access
- Parking

Operation and maintenance facilities:

- 2 additional LRT facilities
- 1 additional bus facility

Future Investments

- ST4 Planning
- HCT Studies

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DRAFT ST3 System Plan: Early Deliverables

Projects	Draft Schedule
<p>Early Deliverables to improve bus speed and reliability:</p> <ul style="list-style-type: none"> Bus on Shoulder Opportunities: I-5, I-405, SR 518, SR 167 Capital improvements for RapidRide C and D Routes Bus capital Improvements for Pacific Ave. (Tacoma) Bus capital improvements in East Pierce County <p>Early Deliverables to improve system access:</p> <ul style="list-style-type: none"> Parking on SR 522 in Kenmore, Forest Park, and Bothell I-405: Parking at Kingsgate and new transit center in South Renton with parking Parking for North and South Sounder Passenger amenities, including pedestrian and bicycle improvements 	<p style="font-size: 1.2em;">2019-2024</p>