

A low-angle, close-up photograph of a white and blue Sound Transit train. The train is moving, as indicated by the blurred background. The top half of the image shows the upper part of the train with several windows. The bottom half shows the lower part of the train with a large blue section featuring the Sound Transit logo and the text 'SOUND TRANSIT'. A dark grey horizontal band is overlaid across the middle of the image, containing the title and date.

# ST Board of Directors: Draft ST3 System Plan

*March 24, 2016*

**ST SOUND TRANSIT**

- ST3 Draft System Plan
  - 25 year plan
  - Representative projects
  - Draft plan delivery schedule
- Project updates since 12/4/15
- Financial Plan elements
- Next Steps

# 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

**KEY**

**PROPOSED ST3 PROJECTS**

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

**CURRENT AND PLANNED SERVICE**

- Link Light Rail
- Sounder 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: Early Deliverables

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

# DRAFT ST3 System Plan: Light Rail



Projects	Draft Schedule
Redmond Technology Center to Downtown LRT	2028
Kent/Des Moines to Federal Way LRT	2028
Federal Way to Tacoma Dome LRT	2033
West Seattle to Downtown Seattle LRT	2033
Lynnwood to 128 <sup>th</sup> St. SW (Mariner) LRT	2036
Infill Light Rail Station: Graham Street	2036
Infill Light Rail Station: Boeing Access Road.	2036
Ballard to Downtown Seattle LRT (with new downtown rail tunnel)	2038
Tacoma Link Extension to Tacoma Community College	2041
128 <sup>th</sup> St. SW (Mariner) to Everett LRT via Southwest Everett Industrial Center and Evergreen Way	2041
Bellevue to Issaquah LRT	2041

- PROPOSED ST3 PROJECTS**
-  Link Light Rail
  -  Bus Rapid Transit
  -  Sounder Rail
  -  Proposed shoulder-running buses / speed and reliability improvements
  -  Environmental study
  -  Future investment study

- CURRENT AND PLANNED SERVICE**
-  Link Light Rail
  -  Sounder 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
<b>ST Express:</b> <ul style="list-style-type: none"> <li>• Approximately 600K annual hours to continue providing interim express bus service in future HCT corridors</li> </ul>	On-going
I-405 BRT: Lynnwood to Burien	2024
<b>SR 522 &amp; 145<sup>th</sup> St. BRT:</b> <ul style="list-style-type: none"> <li>• UW Bothell to 145<sup>th</sup> Light Rail Station</li> <li>• Includes service from Woodinville</li> </ul>	2024

# DRAFT ST3 System Plan : Sounder



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





# 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

# 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)

# ST3 PUBLIC INVOLVEMENT TO DATE

Fall 2013

LRP public scoping



11,200+ surveys  
 5,000 comments  
 260 meeting attendees

Summer 2014

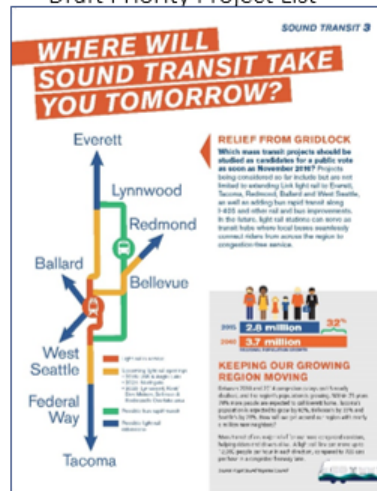
LRP Draft EIS



12,100+ surveys  
 770 comments  
 200 meeting attendees

Summer 2015

Draft Priority Project List



24,000+ surveys  
 1,025 comments  
 600 meeting attendees

Spring 2016  
 Draft ST3 System Plan

# *Draft ST3 System Plan: Public Involvement*

- Public Comment Period:
  - March 29- April 29
- Online: [www.soundtransit3.org](http://www.soundtransit3.org);
  - March 29
  - Updated project information
  - Online survey
- Public meetings

# Draft ST3 Financial Plan

- Revenue
  - 0.5% new sales tax
  - 0.8% MVET
  - \$0.25 Property Tax
  - Remaining available Sound Move and ST2 taxes
  - Federal funds
  - Fares
  - Bonding
- Expenditures
  - Capital Costs
  - Operations and Maintenance
  - Other: debt service, reserves
- Draft ST3 Plan affordable within existing financial policies
  - Exceeds board minimum of 1.5x net coverage
  - Exceeds 2.0x gross coverage
  - Fully funded reserves
  - Adequately funds capital replacement/state of good repair
  - Subarea Equity

# Funding Levels

## ST3 Investment Levels

Dollars In Billions, YOE	15 Year Plan	25 Year Draft ST3 Plan
Sales Tax	9	17
MVET	4	7
Property Tax	2	3
<b>Total Taxes*</b>	<b>15</b>	<b>27</b>
Other Revenue	11	23
<b>Total Est. Sources of Funds</b>	<b>26</b>	<b>50</b>

\*Based on current forecast for ST3 taxes: 0.5% Sales & Use Tax, 0.8% MVET and \$0.25 Property Tax. Figures will be updated throughout the ST3 planning process.

At full tax authority \$200 per adult annually, \$17 per month

# Next Steps

- **April:**
  - Public outreach
  - Expert Review Panel
  - Board Committee meetings:
    - Discuss elements of Draft ST3 System Plan
- **May-June**
  - Public outreach results
  - Expert Review Panel
  - Sustainability assessment
  - Refinements to Draft ST3 System Plan
    - Financial plan, risk assessment
    - Projects, scopes, and phasing



# Next Steps

## June:

- Board allocation of costs of regional assets and services
- Board review of final draft financial and system plan
- Potential Board adoption of ST3 System Plan