

Agenda

- Representative project
- Previous studies
- Next steps



Sound Transit district

- 3 counties: King, Pierce, Snohomish
- More than 3 million residents
- 51 cities
- 800,000 more people by 2040



Representative project

- Identifies mode, corridor, station areas
- Informs cost, schedule, operating needs

(99) Elliott (90) Bay Stadium C (2035)(2030)West Seattle Bridge Delridge C Duwamish Waterway Crossing SW Alaska St Avalon **Alaska Junction**

West Seattle Link Extension

- Opening 2030
- Four elevated stations at SODO, Delridge, Avalon and Alaska Junction; one at-grade station at Stadium
- New rail-only fixed span crossing of the Duwamish River
- Length: 4.7 miles



Ballard Link Extension

- Opening 2035
- Three elevated stations: Ballard, Interbay, Smith Cove
- Six tunnel stations: Seattle Center, South Lake Union, Denny, Westlake, Midtown, International District/Chinatown
- New rail-only movable bridge over Salmon Bay
- Length: 7.1 miles



New Downtown Transit Tunnel **EVERETT BALLARD** New DSTT INT'L DISTRICT/ 5TH AVE S STATIONS **EAST** LINK ID / 5TH AVE S 5th Ave S MEZZANINE **+-----WEST** New DSTT **SEATTLE** Cross Section

Plan View

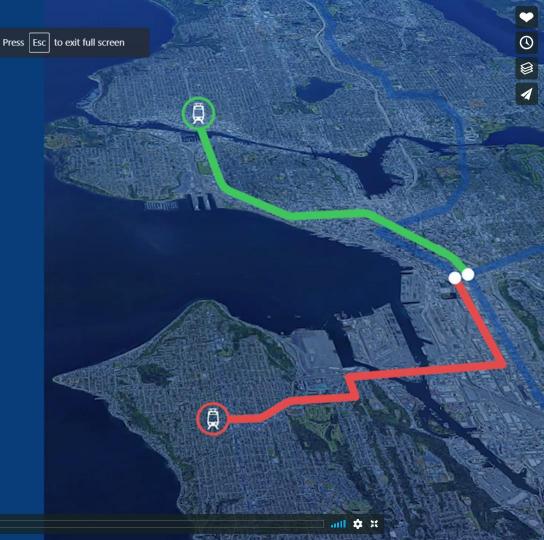
AIRPORT &

TACOMA

/ West Seattle / Ballard

Link light rail extensions

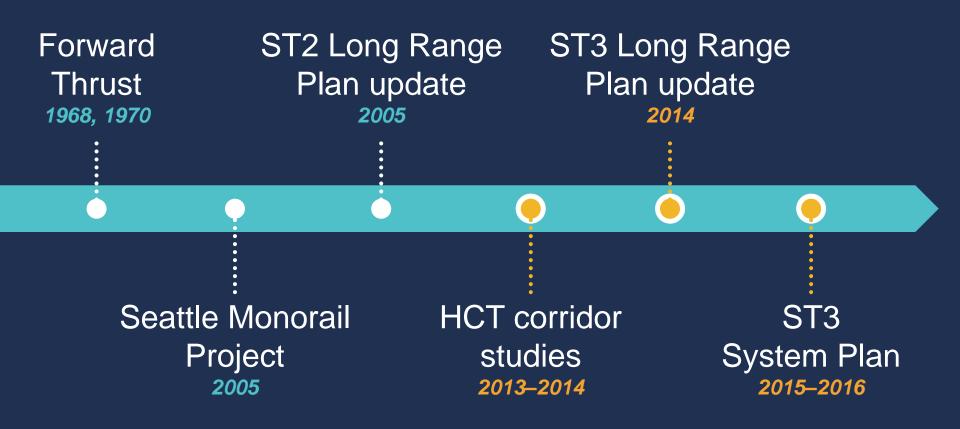
Representative Project: Google Earth tour

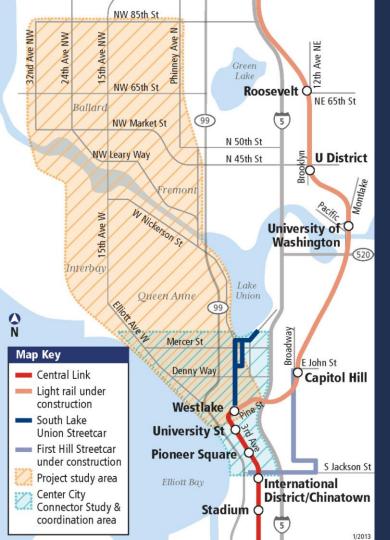






Previous studies





Transit Expansion Study Ballard to Downtown

- City and Sound Transit partnership
- Supported Seattle Transit
 Master Plan
- Supported ST Long-Range Planning



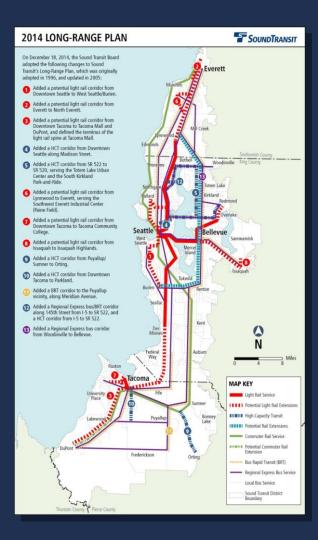
Transit Expansion Study Ballard to Downtown

- Studied five representative alignments
- Included Light Rail and Rapid Streetcar



South King County HCT Corridor Study

- Studied six alternatives
- Considered options to the Junction, along Delridge and to Burien and Renton
- Included light rail and BRT

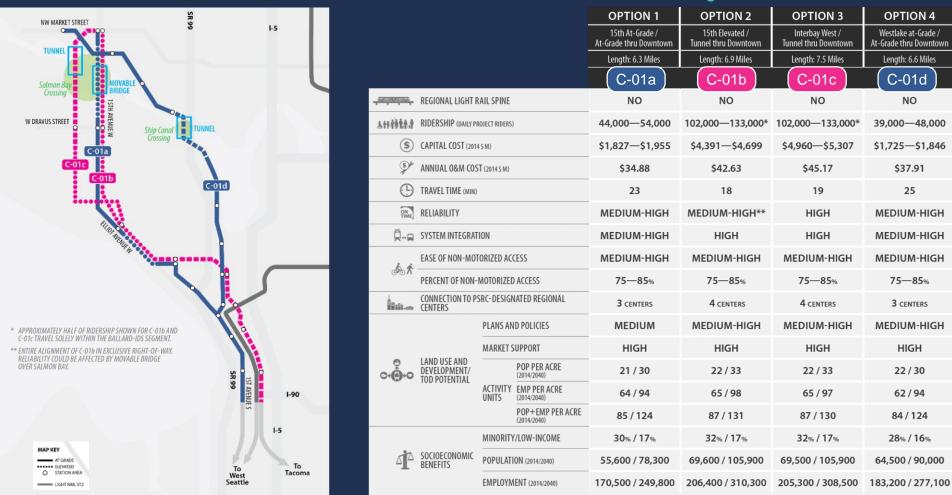


Sound Transit Long Range Plan

Regional Transit Long-Range Plan

December 2014

ST3: Ballard to Downtown – Candidate Projects



ST3: West Seattle to Downtown – Candidate Projects

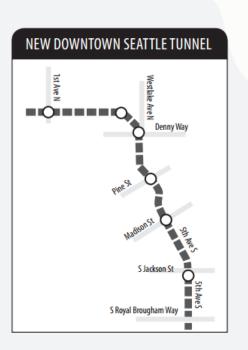


At-Grade thru Downtown Tunnel thru Downtown Elevated to West Seattle Elevated to Delridge/ Junction At-Grade to White Center Length: 3.4 Miles Length: 6.5 Miles C-03b C-03c NO 20.000-24.000 34,000-40,000 \$1,851—\$1,980 \$1,913—\$2,047 \$33.54 18 MEDIUM-HIGH MEDIUM-HIGH MEDIUM MEDIUM MEDIUM-LOW MEDIUM-LOW 70-80% 70-80% 2 CENTERS 2 CENTERS MEDIUM-LOW MEDIUM-LOW MEDIUM MEDIUM 7/10 11/17 18/27 27% / 13% 54% / 18% 13,500 / 19,600 16,700 / 22,900

OPTION 3

25,900 / 37,800

BALLARD TO DOWNTOWN SEATTLE LIGHT RAIL



ridership forecasting and other evaluation measures.



Seattle

ST3 Draft Plan

At-grade on 15th Ave W

Included South Lake **Union Station**

BALLARD TO DOWNTOWN SEATTLE LIGHT RAIL

MAPKEY

ELEVATED
TUNNEL
STATION AREA

LIGHT RAIL ST2



ST3 Final Plan

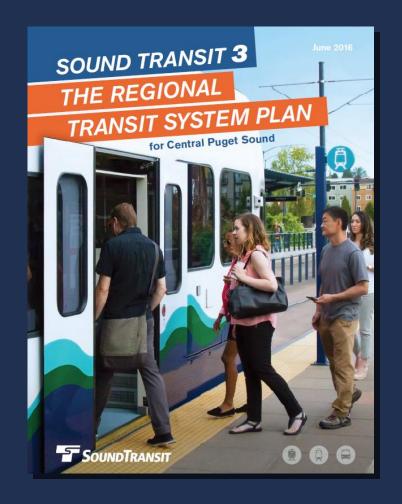
Elevated on 15th Ave W

Alignments and stations shown are representative and are identified for purposes of cost estimating, ridership forecasting and other evaluation measures.

Final plan

Sound Transit 3 (ST3) Plan

June 2016





West Seattle project timeline



2016

2017-2022



DESIGN

2022-2025



CONSTRUCTION

2025-2030

START OF **SERVICE**



2030

Alternatives development

Board identifies preferred

Draft Environmental Impact Statement

Final Environmental **Impact Statement**

Board selects project to be built

Federal Record of

PUBLIC INVOLVEMENT

Final route design Final station designs

Procure and commission station and public art

PUBLIC INVOLVEMENT

Obtain land use and construction permits

Conversations with property owners

Safety education

Testing and pre-operations

PUBLIC INVOLVEMENT

Ballard project timeline



2016



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Federal Record of

PUBLIC INVOLVEMENT



DESIGN

2023-2026

Final route design

Final station designs

Procure and commission station and public art

PUBLIC INVOLVEMENT

Obtain land use and construction permits

CONSTRUCTION

2027-2035

START OF **SERVICE**

2035

Conversations with

Safety education

Testing and pre-operations

PUBLIC INVOLVEMENT

VOTER APPROVAL

2016



PLANNING



2017-2019

Alternatives development

Board identifies preferred alternative

2019-2022

Draft Environmental Impact Statement

Final Environmental Impact Statement

Board selects project to be built

Federal Record of Decision

PUBLIC INVOLVEMENT

Alternatives development process

LEVEL 1

Alternatives development

Early-2018

Conduct early scoping

Study ST3 representative project and alternatives

Screen alternatives

PUBLIC INVOLVEMENT

LEVEL 2

Alternatives development

Mid-2018

Technical analysis

Refine and screen alternatives

PUBLIC INVOLVEMENT

LEVEL 3

Alternatives development

Late-2018 / Early-2019

Refine and screen alternatives

Conduct Environmental Impact Statement (EIS) scoping

PUBLIC INVOLVEMENT

PREFERRED ALTERNATIVE*



Early-2019

^{*}The Sound Transit Board identifies preferred alternatives and other alternatives to study.

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Neighborhood Forums



Stakeholder Advisory Group



Elected Leadership Group









Neighborhood Forums

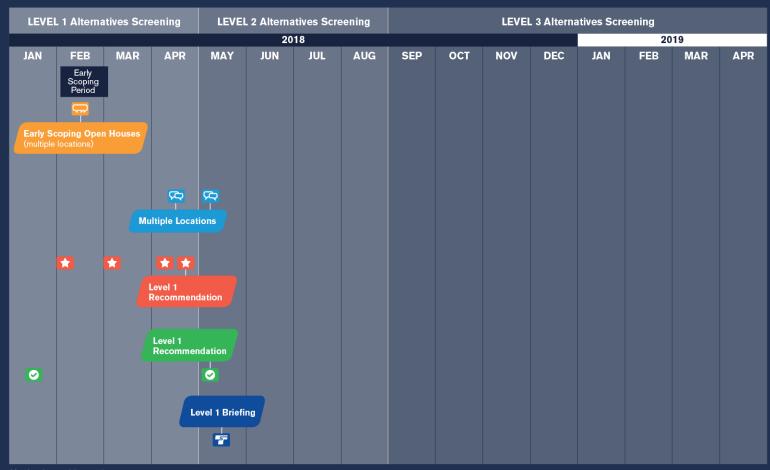


Stakeholder Advisory Group



Elected Leadership Group























Neighborhood Forums



Stakeholder Advisory Group



Elected Leadership Group





Next steps

March Early Scoping

- Stakeholder Advisory Group: 3/14 (Early Scoping feedback summary)
- Early Scoping Summary Report: late March

April Level 1 screening

- Stakeholder Advisory Group:
 4/17 (Level 1 evaluation results)
- Stakeholder Advisory Group:
 4/25 (Level 1 recommendation)
- Neighborhood Forums: beginning 4/21

May Level 1 screening

• Elected Leadership Group: 5/17 (Level 1 recommendation)

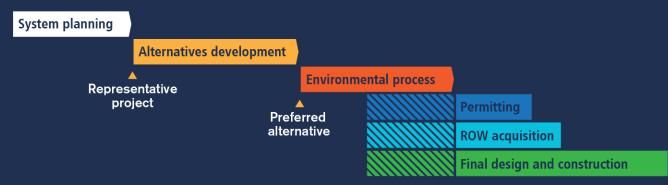


New approach to project development

ST2 process



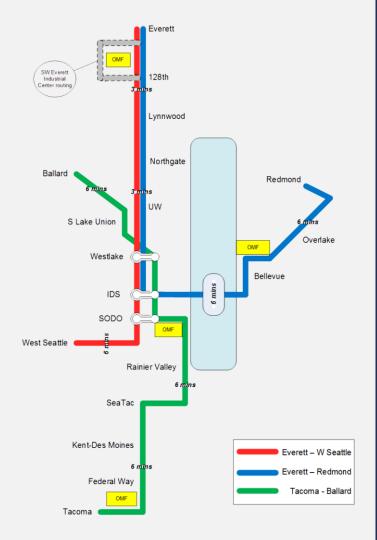
ST3 process



DENNY WAY Westlake Midtown YESLER WAY International District/ Chinatown I-90 West Seattle Tacoma

New Downtown Transit Tunnel

System-wide investment

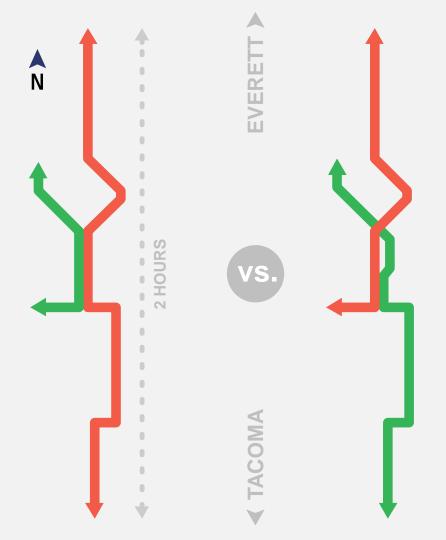


Operating plan

Everett to West Seattle via Downtown Seattle Transit Tunnel

Everett to Downtown Redmond via Downtown Seattle Transit Tunnel

Ballard to Tacoma via new rail-only tunnel



Spine segmentation

 Splits long trip from Tacoma to Everett

EVERETT Transfer hub **TACOMA**

Balanced Ioads

- Balances passenger loads, enabling future growth
- All users benefit from core capacity expansion



Maintenance capacity: 2030

 West Seattle Extension dependent on new facility in the south

Everett 128th Lynnwood Northgate Redmond S Lake Union Kirkland Overlake Westlake Bellevue **IDS** SODO West Seattle Issaguah Rainier Valley SeaTac Angle Lake Kent-Des Moines Everett - W Seattle 128th - Redmond Federal Way Tacoma - Ballard Kirkland – Issaguah Tacoma

Maintenance capacity: 2041

- Forest Street (104 vehicles)
- Bellevue (96 vehicles)
- New facility in the south (~ 152 vehicles)
- New facility in the north (~108 vehicles)