



# *West Seattle and Ballard Link Extensions*

*Seattle Planning Commission | December 13, 2018*

# Agenda

- › *Alternatives development process*
- › *Community engagement and collaboration*
- › *Level 3 end-to-end alternatives*
- › *Equity and Inclusion*
- › *Next steps*

A blue and white high-speed train is stopped at a station platform. The train has "139B" and "5" visible on its side. The text "Alternatives development process" is overlaid in large, white, italicized font across the center of the image. The background shows a station platform with a metal railing and a sign above the train.

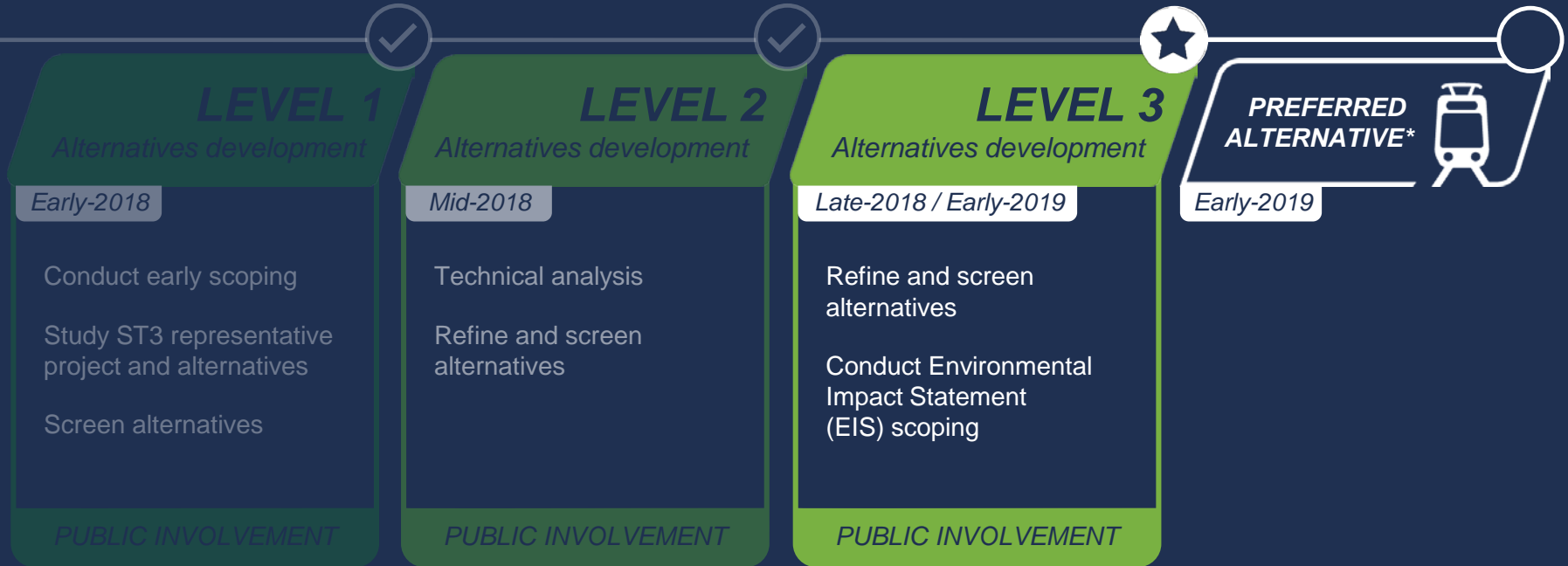
***Alternatives  
development process***



# ST3 Representative project

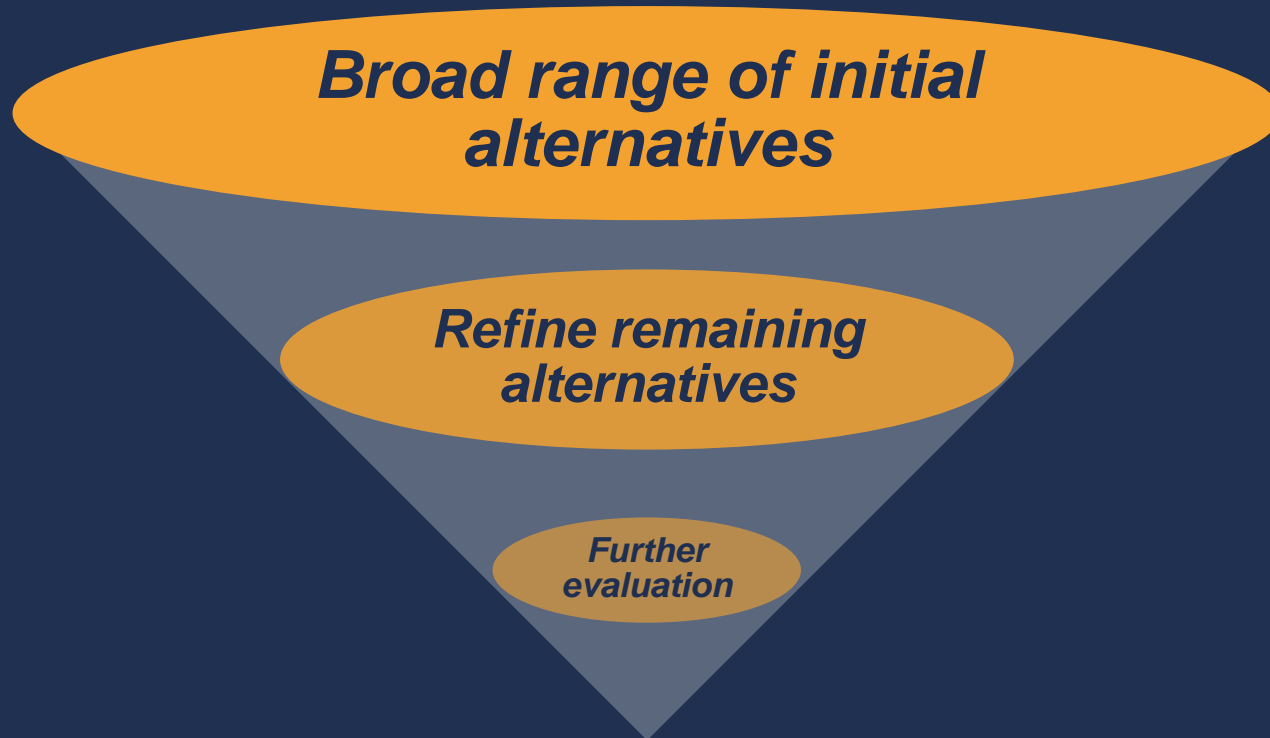
- Identifies mode, corridor, number of stations, general station locations
- Informs cost, schedule, operating needs

# Alternatives development process










\*The Sound Transit Board identifies preferred alternatives and other alternatives to study.

# Screening process



*Preferred Alternative and other EIS alternatives*

# Purpose and need

Purpose Statement	Symbol
Provide high quality rapid, reliable, and efficient peak and off-peak LRT service to communities in the project corridors as defined in ST3.	
Improve regional mobility by increasing connectivity and capacity through downtown Seattle to meet the projected transit demand.	
Connect regional centers as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's <i>Regional Transit Long-Range Plan</i> .	
Implement a system that is consistent with the <i>ST3 Plan</i> that established transit mode, corridor, and station locations and that is technically feasible and financially sustainable to build, operate, and maintain.	
Expand mobility for the corridor and region's residents, which include transit dependent, low income, and minority populations.	
Encourage equitable and sustainable urban growth in station areas through support of transit-oriented development, station access, and modal integration in a manner that is consistent with local land use plans and policies.	
Preserve and promote a healthy environment and economy by minimizing adverse impacts on the natural, built and social environments through sustainable practices.	

# Evaluation criteria

## **17 criteria consistent in all levels of evaluation**

- Reliable service
- Travel times
- Regional connectivity
- Transit capacity
- **Projected transit demand**
  - Regional centers served
  - ST Long-Range Plan consistency
  - ST3 consistency
  - Technical feasibility
- **Financial sustainability**
  - Historically underserved populations
  - Station area local land use plan consistency
  - Modal integration
  - Station area development opportunities
  - Environmental effects
  - Traffic operations
  - Economic effects



# Measures and methods

- *50+ quantitative and/or qualitative measures*
- *Rating thresholds for Higher, Medium and Lower*
- *Differentiators and findings among alternatives*

**Lower  
Performing**

**Medium  
Performing**

**Higher  
Performing**

# Community engagement and collaboration

## WHO IS SOUND TRANSIT?

We plan, build and operate regional transit systems and services to improve mobility in urban areas of King, Pierce and Snohomish counties.

### Sounder commuter rail

Our Sounder train runs between Everett and Seattle, serving major hubs in South Everett, Everett, Marysville, Sultan, Sultan Hill and Lynden. Sounder connects Everett to the Sounder commuter rail line in Everett, Marysville, Sultan, Sultan Hill and Lynden. Sounder connects Everett to the Sounder commuter rail line in Everett, Marysville, Sultan, Sultan Hill and Lynden.

### Link light rail

Link light rail runs from Everett to Everett, Marysville, Sultan, Sultan Hill and Lynden. Link light rail runs from Everett to Everett, Marysville, Sultan, Sultan Hill and Lynden.

### ST Express

ST Express runs from Everett to Everett, Marysville, Sultan, Sultan Hill and Lynden. ST Express runs from Everett to Everett, Marysville, Sultan, Sultan Hill and Lynden.

**Our Board**  
Sound Transit is governed by an 18-member Board made up of local elected officials and the Secretary of the Washington State Department of Transportation. The Board establishes policies and gives direction and oversight.

**Funding**  
The system plan is paid for with a combination of voter-approved local taxes, federal grants, federal revenues, commercial funds and interest revenues. By 2026, system operating costs will be paid for with local taxes, federal revenues, interest earnings, private sources and federal operating assistance.

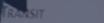
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## FUTURE SERVICE

Sound Transit System Expansion will:

- Build a 116-mile light rail network extending from Everett to Tacoma and from Seattle neighborhoods to Renton and Issaquah
- Establish Bus Rapid Transit (BRT) to the north, east and south of Lake Washington
- Expand Sounder south line capacity and service adding two new stations
- Improve accessibility and waiting at stations



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# Community engagement and collaboration



Meeting dates subject to change.

# Community engagement and collaboration



Meeting dates subject to change.

# Community engagement and collaboration



Meeting dates subject to change.

# External Engagement Report: Jan-Oct. 2018



112 community briefings



13 open houses or forums



14 festivals engaging more than 3,932 community members



2 online open houses



10 Stakeholder Advisory Group meetings



14 email updates engaging more than 4,160 subscribers



4 Elected Leadership Group meetings

# 2018 Festivals

- ✓ Morgan Junction Festival (6/16)
- ✓ Festival Sundiata (6/16-6/17)
- ✓ West Seattle Summer Fest (7/13-7/15)
- ✓ Ballard Seafood Fest (7/13-7/15)
- ✓ Dragon Fest (7/14-7/15)
- ✓ South Lake Union Block Party (8/10)
- ✓ Delridge Day (8/11)
- ✓ Celebrate Little Saigon (8/26)
- ✓ Night Market (9/8)
- ✓ Fishermen's Fall Festival (9/15)
- ✓ Sustainable Ballard Festival (9/22)
- ✓ Magnolia Farmers Market (10/6)





# Station Charrettes

Collaborative design sessions with agencies and community stakeholders

- ✓ 6/28: Ballard / Interbay
- ✓ 7/12: Seattle Center
- ✓ 7/20: Delridge
- ✓ 7/24: Alaska Junction / Avalon
- ✓ 7/31: Chinatown – International District
- ✓ 8/2: Denny / SLU
- ✓ 8/28: SODO/Stadium
- ✓ 9/13: Smith Cove



A photograph of a light rail train at a station platform. The train is white and blue, with "ANTONIA DENTLEIGH" written on its front. Several passengers are waiting on the platform, including a woman in a yellow hijab and a woman in a blue shirt. The platform has a blue railing and a yellow tactile strip. The background shows a modern station building with large windows and a sign that says "Cabela City".

***Level 3 end-to-end  
alternatives***

# Summary of Level 2 screening

## West Seattle/Duwamish

- ST3 Representative Project
- ~~Pigeon Ridge/West Seattle Tunnel~~
- ~~Oregon Street/Alaska Junction/Elevated~~
- Golf Course/Alaska Junction Tunnel (w/ refinements)
- ~~Oregon Street/Alaska Junction/Tunnel~~
- ST3 Representative Project (w/ refinements)

## SODO and Chinatown/ID

- ST3 Representative Project
- Massachusetts Tunnel Portal
- Surface E-3
- ~~Occidental Avenue~~
- 4th Avenue Cut-and-Cover Tunnel/Station
- 4th Avenue Bored Tunnel/Mined Station
- 5th Avenue Bored Tunnel/Mined Station

## Downtown

- ST3 Representative Project
- 5th/Harrison (w/ refinements)
- ~~6th/Boren/Roy~~
- 5th/Terry/Roy/Mercer (w/ refinements)

## Interbay/Ballard

- ST3 Representative Project
- ~~15th/Fixed Bridge/15th~~
- ~~20th/Fixed Bridge/17th~~
- ~~20th/Tunnel/15th~~
- Armory Way/Tunnel/14<sup>th</sup> (w/ refinements)
- ~~Central Interbay/Movable Bridge/14th~~
- Central Interbay/Fixed Bridge/14<sup>th</sup>
- ~~Central Interbay/Tunnel/15th~~

# Summary of Level 2 screening

## West Seattle/Duwamish

- ST3 Representative Project
- Golf Course/Alaska Junction Tunnel (w/ refinements)
- ST3 Representative Project (w/ refinements)

## SODO and Chinatown/ID

- ST3 Representative Project
- Massachusetts Tunnel Portal
- Surface E-3
- 4th Avenue Cut-and-Cover Tunnel/Station
- 4th Avenue Bored Tunnel/ Mined Station
- 5th Avenue Bored Tunnel/ Mined Station

## Downtown

- ST3 Representative Project
- 5th/Harrison (w/ refinements)
- 5th/Terry/Roy/Mercer (w/ refinements)

## Interbay/Ballard

- ST3 Representative Project
- Armory Way/Tunnel/14<sup>th</sup> (w/ refinements)
- Central Interbay/Fixed Bridge/14<sup>th</sup>

# *Summary of Level 3 alternatives*

## › **ST3 Representative Project**

## › **West Seattle Tunnel/ C-ID 4th Ave/ Downtown 5th Ave/ Ballard Tunnel**

- Junction station options: 41st Ave, 42nd Ave and 44th Ave
- C-ID station options: 4th Ave Cut-and-Cover and 4th Ave Mined
- Ballard station options: 14th Ave and 15th Ave

## › **West Seattle Elevated/ C-ID 5th Ave/ Downtown 6th Ave/ Ballard Elevated**

- C-ID station options: 5th Ave Cut-and-Cover and 5th Ave Mined

# Summary of Level 3 alternatives

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# ST3 Representative Project

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- Golf Course/Alaska Junction Tunnel (w/refinements)
- ST3 Representative Project (w/ refinements)

## SODO and Chinatown/ID

- ST3 Representative Project
- Massachusetts Tunnel Portal
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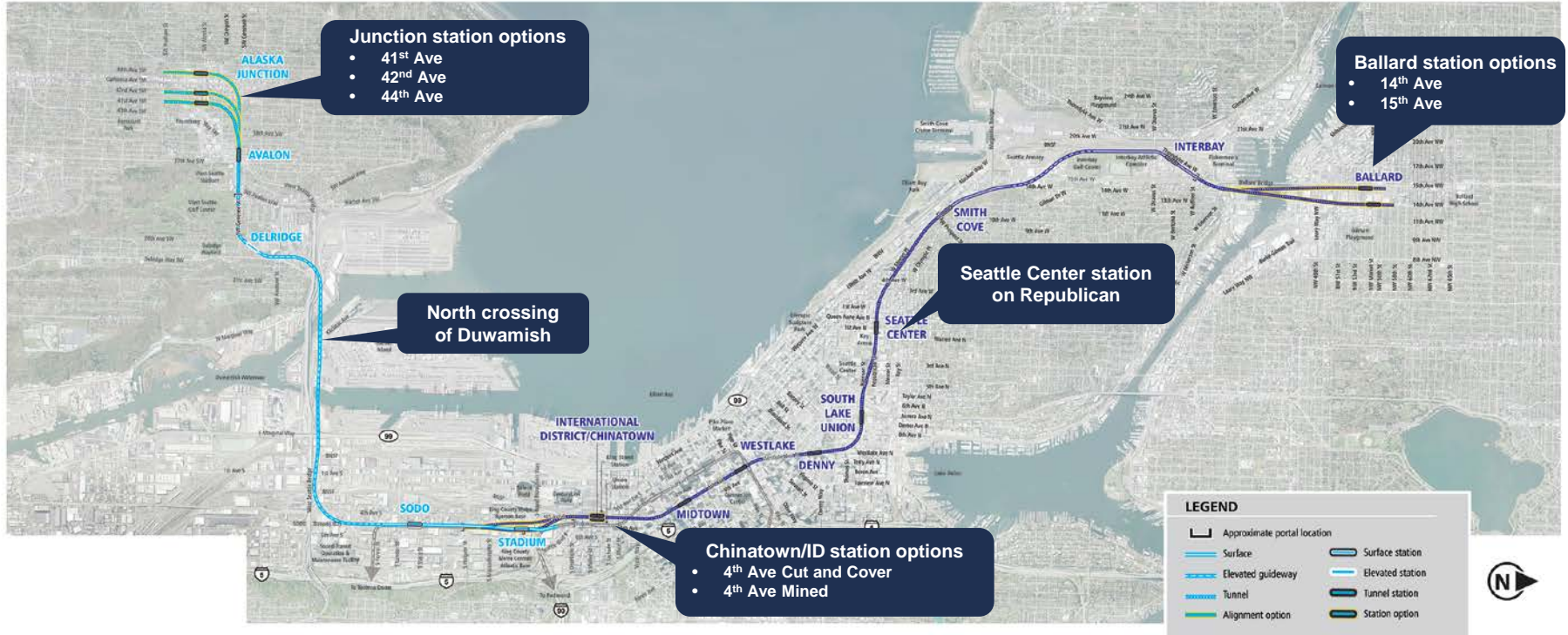
## Downtown

- ST3 Representative Project
- 5th/Harrison (w/refinements)
- 5th/Terry/Roy/Mercer (w/refinements)

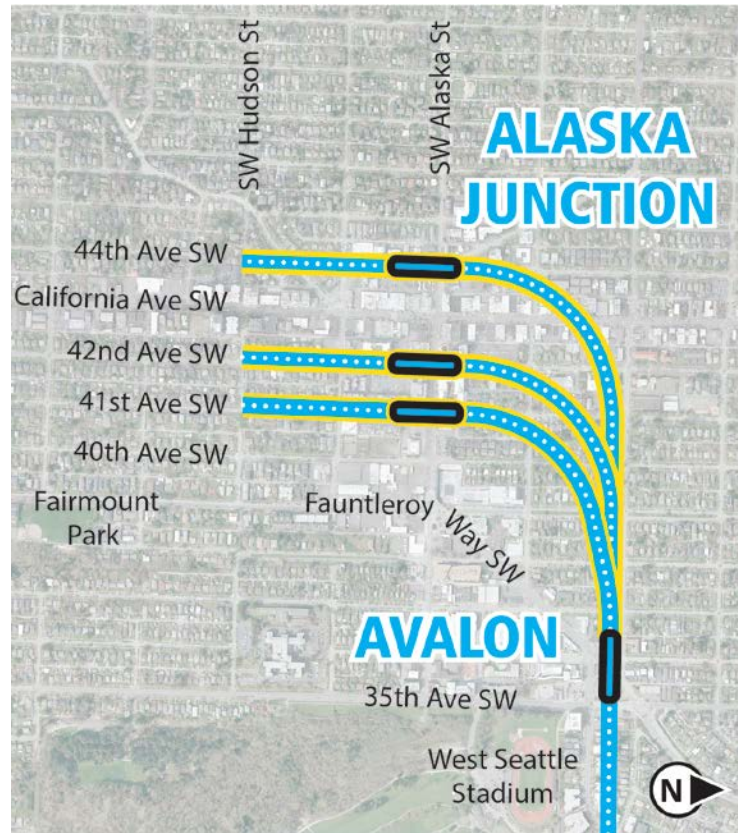
## Interbay/Ballard

- ST3 Representative Project
- Armory Way/Tunnel/14<sup>th</sup> (w/refinements)
- Central Interbay/Fixed Bridge/14th





# West Seattle Tunnel/ C-ID 4th Ave/ Downtown 5th Ave/ Ballard Tunnel



**West Seattle Tunnel/ C-ID 4th Ave/ Downtown 5th Ave/  
Ballard Tunnel *Alaska Junction station options***



**West Seattle Tunnel/ C-ID 4th Ave/ Downtown 5th Ave/  
Ballard Tunnel North crossing of Duwamish**



**West Seattle Tunnel/ C-ID 4th Ave/ Downtown 5th Ave/ Ballard Tunnel C-ID Station Options**



**West Seattle Tunnel/ C-ID 4th Ave/ Downtown 5th Ave/  
Ballard Tunnel Seattle Center Station on Republican**



**West Seattle Tunnel/ C-ID 4th Ave/ Downtown 5th Ave/  
Ballard Tunnel *Ballard station options***

# Summary of Level 3 alternatives

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- C-ID station options: 5th Ave Cut-and-Cover and 5th Ave Mined

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## SODO and Chinatown/ID

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## Interbay/Ballard

- ST3 Representative Project
- Armory Way/Tunnel/14<sup>th</sup> (w/ refinements)
- Central Interbay/Fixed Bridge/14th





# West Seattle Elevated/ C-ID 5th Ave/ Downtown 6th Ave/ Ballard Elevated



**West Seattle Elevated/ C-ID 5th Ave/ Downtown 6th Ave/  
Ballard Elevated *Alaska Junction Station orientation***



*West Seattle Elevated/ C-ID 5th Ave/ Downtown 6th Ave/  
Ballard Elevated **Delridge Station further south***



**West Seattle Elevated/ C-ID 5th Ave/ Downtown 6th Ave/ Ballard Elevated C-ID Station options**



**West Seattle Elevated/ C-ID 5th Ave/ Downtown 6th Ave/ Ballard Elevated** **6th Avenue route through downtown**



**West Seattle Elevated/ C-ID 5th Ave/ Downtown 6th Ave/  
Ballard Elevated High level fixed bridge at 14<sup>th</sup> Ave**

# *Summary of Level 3 alternatives*

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***Equity & Inclusion –  
Level 3 engagement***



# Racial Equity Toolkit

## Outcomes



**Enhance mobility and access** for communities of color and low-income populations;



Create **opportunities for equitable development** that benefit communities of color;



**Avoid disproportionate impacts** on communities of color and low-income populations; and



**Meaningfully involve** communities of color and low-income populations in the project.

# Racial Equity Toolkit

## Level 3 Scope

### Chinatown / ID

- Limit harmful impacts,
- Maximize connections for all users, and
- 100-year vision for future generations for communities of color and low income populations.

### Delridge

- Bus-rail integration; and
- Equitable transit-oriented development serving the community.



# Racial Equity Toolkit

## Forums

- ✓ Briefings/Meetings/Events
- ✓ Listening Sessions
- ✓ Door-to-door outreach with community liaisons
- ✓ Community workshops
- ✓ Neighborhood forums
- ✓ Social service provider and community organization interviews



# *How the RET has informed work so far*

- › Established shared outcomes (next slide)
- › Conducted data analysis to determine focus areas during Level 1
- › Modifications to screening criteria
- › Collaboration on Chinatown-International District engagement and alternatives development
- › Delridge station charrette collaboration
- › Social service provider interviews centering race
- › Level 2 RET Memo
- › Commitment to reporting back to communities about the RET

A light rail train is stopped at a station platform. The train is white with blue and green wavy patterns on the side. A man in a dark shirt and grey pants is standing in the open door of the train. Several people are walking on the platform. In the background, there are buildings, trees, and a blue sign with a white train icon. The text "Next steps" is overlaid in the center of the image.

***Next steps***

# Community engagement and collaboration



Meeting dates subject to change.

# Next steps

<b>SAG Meeting #11</b>	Jan 9	Community engagement update Technical briefing (T.B.D.)
<b>SAG Meeting #12</b>	Jan 30	Level 3 evaluation results
<b>ELG Meeting #6</b>	Feb 1	Level 3 evaluation results
<b>EIS Scoping Neighborhood Forums/ Open Houses</b>	T.B.D. (mid-Feb)	Level 3 evaluation results
<b>SAG Meeting #13</b>	T.B.D. (mid/late-March)	Level 3 recommendations
<b>ELG Meeting #7</b>	March 22 or April 5	Level 3 recommendations
<b>Sound Transit Board</b>	April 25	Identify a preferred alternative (and other alternatives to study in the EIS)



*soundtransit.org/wsblink* 

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