



# *West Seattle and Ballard Link Extensions*

*Sound Transit Citizen Oversight Panel  
March 21, 2019*

# Agenda

- Project overview
- Level 3 alternatives
- Level 3 evaluation results
- EIS scoping
- Next steps

A photograph of a light rail train at a station platform. The train is white and blue, with "CANTON SOUTHWEST" written on its front. People are waiting on the platform, some standing and some sitting on benches. The platform has a blue railing and a yellow tactile paving strip. The background shows trees and a clear sky. The text "Project overview" is overlaid in white, italicized font.

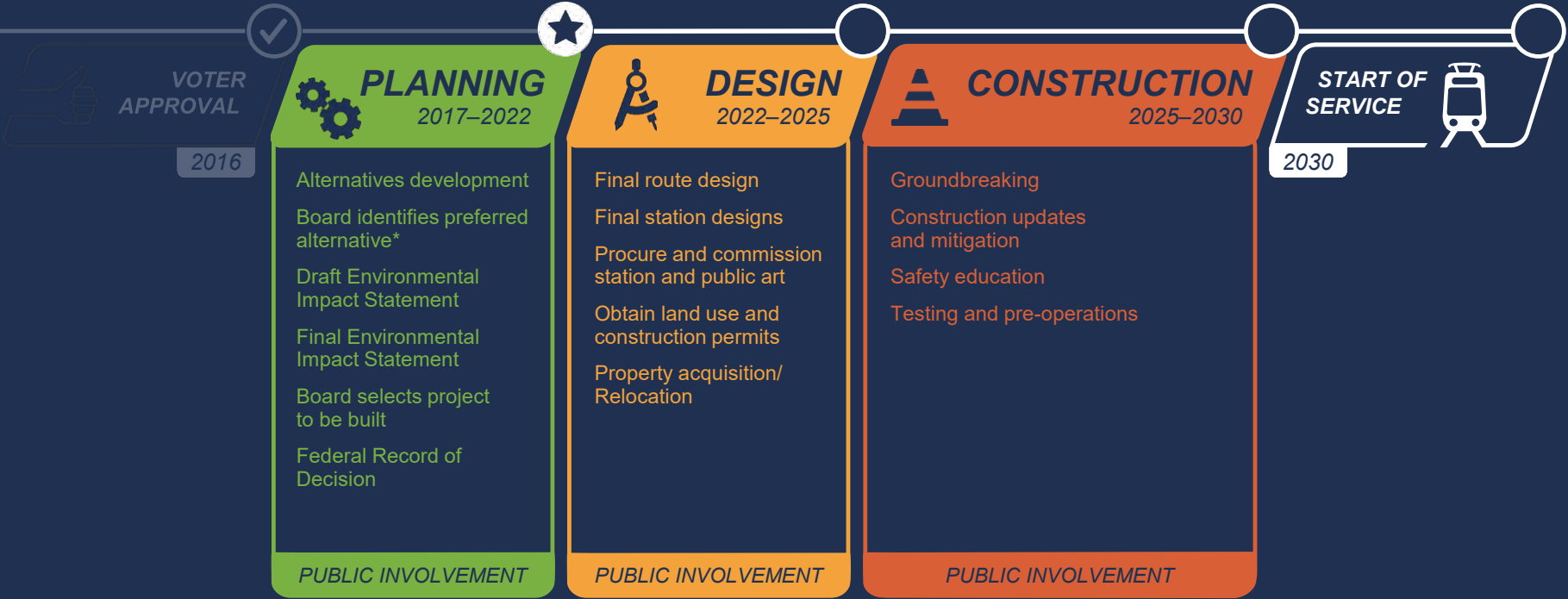
# *Project overview*



# ST3 Representative project

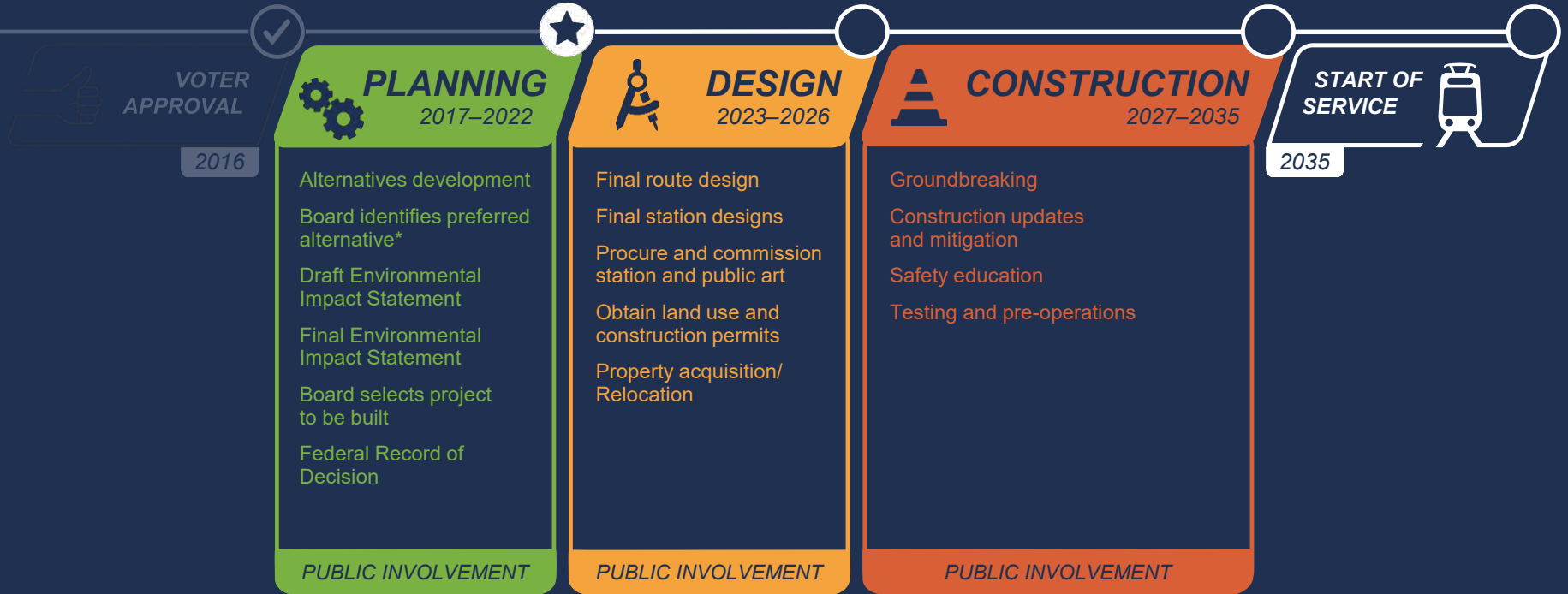
- Identifies mode, corridor, number of stations, general station locations
- Informs cost, schedule, operating needs

# West Seattle project timeline



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

# Ballard project timeline



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

2016



# PLANNING



# DESIGN

## 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*

\*The Sound Transit Board identifies preferred alternatives and other alternatives to study in the Environmental Impact Statement.

2016



# PLANNING



# DESIGN

## 2017–2019

Alternatives  
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Board identifies  
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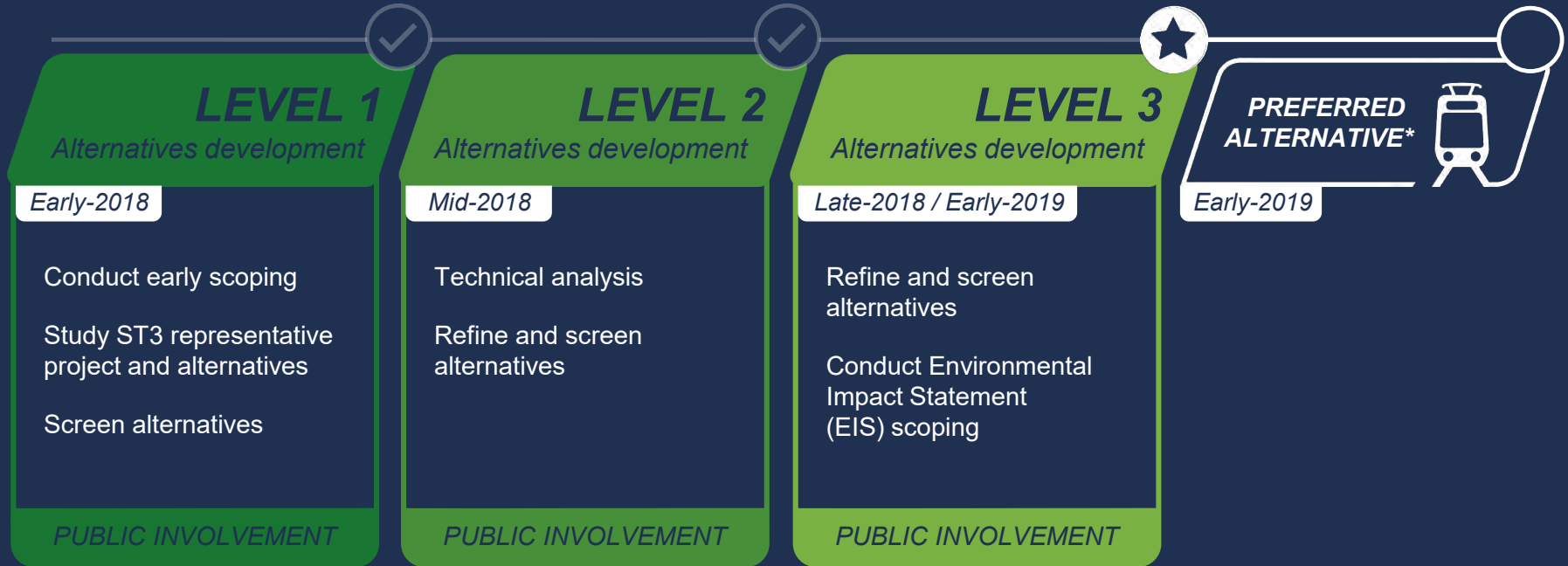
Federal Record of  
Decision

*PUBLIC INVOLVEMENT*

\*The Sound Transit Board identifies preferred alternatives and other alternatives to study in the Environmental Impact Statement.

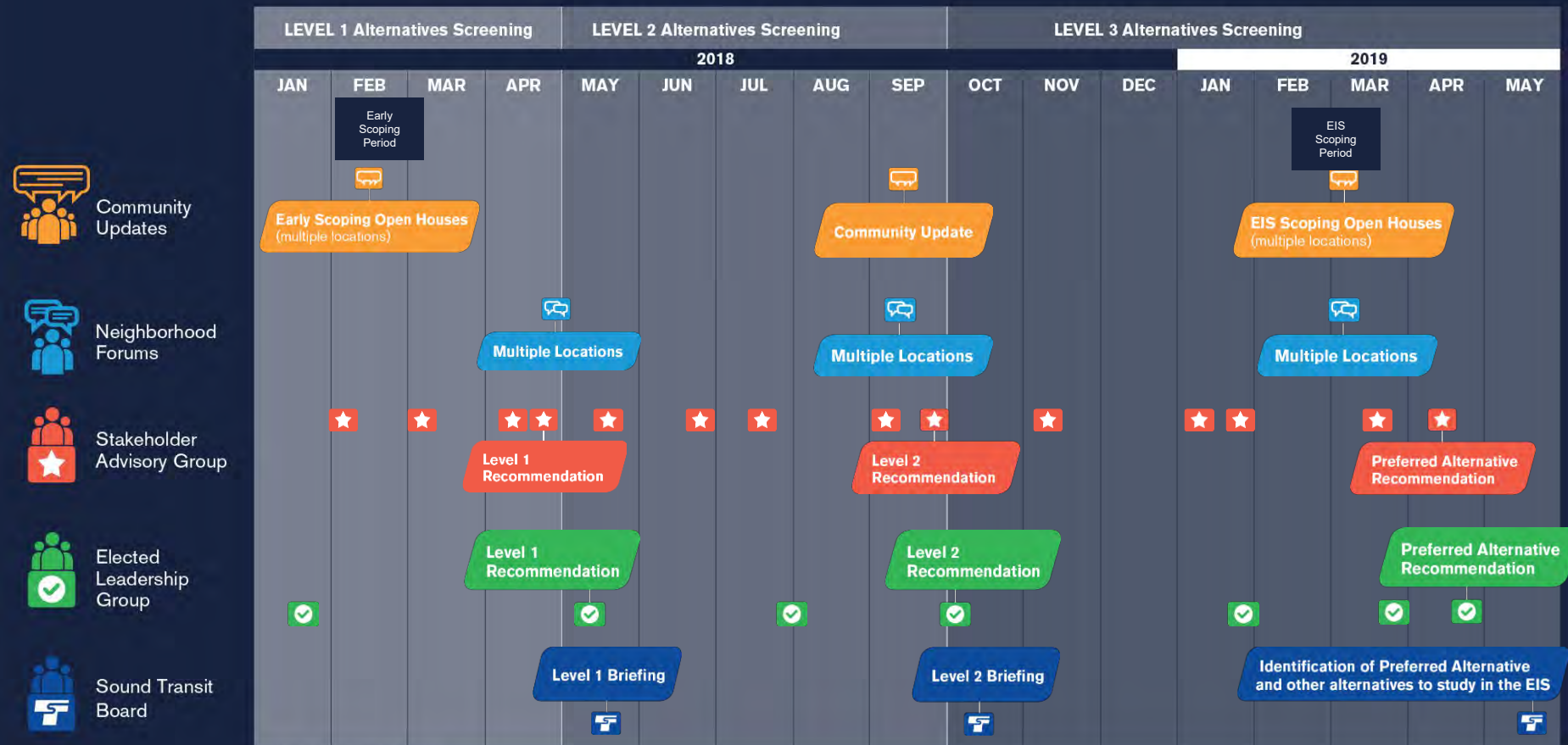


# Alternatives development process



\*The Sound Transit Board identifies preferred alternatives and other alternatives to study in the Environmental Impact Statement (EIS).

# Community engagement and collaboration



Meeting dates subject to change.

A photograph of a modern light rail train station. A blue and white train is stopped at the platform, with the destination "CANTON SEATTLE" visible 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 paving strip. The background shows a building with large windows and a sign that says "Columbia City".

# *Level 3 alternatives*

# Summary of Level 3 alternatives

## ST3 Representative Project

- **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
- **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



# ST3 Representative Project

# Summary of Level 3 alternatives

## › ST3 Representative Project

### 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

## › 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

# Summary of Level 3 alternatives

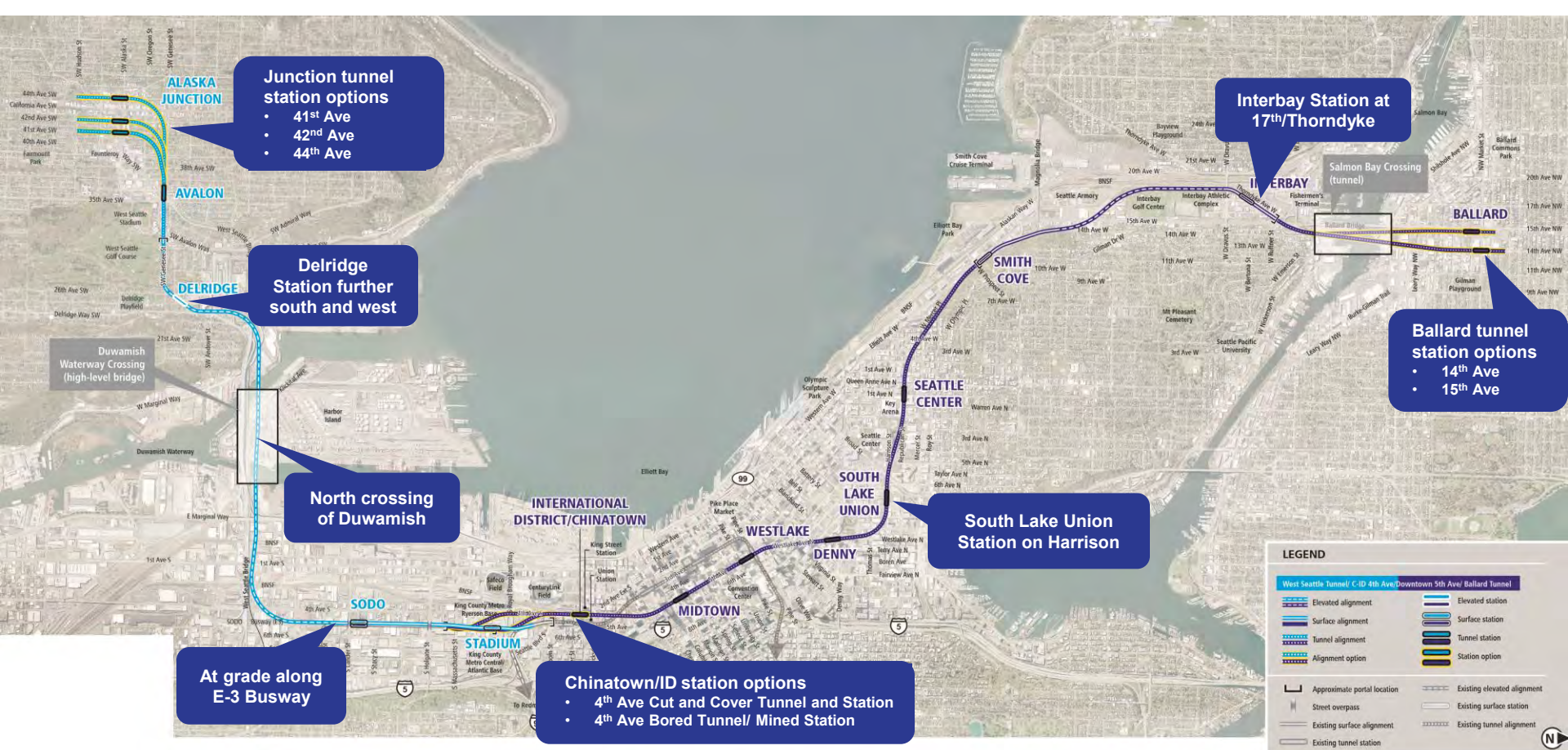
- › **ST3 Representative Project**
- › **West Seattle Elevated/ C-ID 5th Ave/  
Downtown 6th Ave/ Ballard Elevated**
  - C-ID station options: 5th Ave Cut-and-Cover and 5th Ave Mined



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

A photograph of a train station platform. A white train with "CANTON SOUTHEAST" on its front is stopped at the platform. Several passengers are waiting, including a woman in a yellow hijab and white pants in the foreground. The platform has blue railings and a blue circular sign. The text "Level 3 evaluation results" is overlaid in white, italicized font.

***Level 3 evaluation  
results***

# 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 land use plan consistency
- Modal integration
- Station area development opportunities
- Environmental effects
- Traffic operations
- Economic effects

# Evaluation measures

- *50+ quantitative and/or qualitative measures*
- *Ratings for Lower, Medium and Higher performing*
- *Key differentiators and considerations among alternatives*

**Lower  
Performing**

**Medium  
Performing**

**Higher  
Performing**

Evaluation Measures	ST3 Representative	West Seattle Elevated/C-ID 5th Ave/Downtown 6th Ave/Ballard Elevated		West Seattle Tunnel/C-ID 4th Ave/Downtown 5th Ave/Ballard Tunnel				
	Project	5th Ave Cut-and-Cover International District/Chinatown Station	5th Ave Mined International District/Chinatown Station	41st Ave Alaska Junction/4th Ave Cut-and-Cover/14th Ave Ballard	42nd Ave Alaska Junction Station	44th Ave Alaska Junction Station	4th Ave Mined International District/Chinatown Station	15th Ave Ballard Station
<i>Provide high quality rapid, reliable, and efficient peak and off-peak light rail transit service to communities in the project corridors defined in ST3.</i>								
At-grade crossings	3	1		1				
Potential service interruptions/recoverability	Lower	Medium		Medium			Lower	Medium
LRT travel times (minutes)	6 to 7 / 13 to 14	6 to 7 / 13 to 14		6 to 7 / 13 to 14				
Transit travel time savings (minutes)	12 to 20	12 to 20		12 to 20				
<i>Improve regional mobility by increasing connectivity and capacity through downtown Seattle to meet projected transit demand.</i>								
Network integration	Lower	Medium		Higher			Medium	Higher
Passenger carrying capacity	Medium	Medium		Medium				
Average weekday trips on West Seattle/Ballard extensions (2042)	35,000 to 40,000 / 123,000 to 163,000	35,000 to 39,000 / 120,000 to 158,000		35,000 to 41,000 / 125,000 to 165,000				
<i>Connect regional centers as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan.</i>								
PSRC growth centers served	5	5		5				
Pop/job densities served (2040)	38 / 39	39 / 39		37 / 38 to 39				
Accommodates future LRT extension	Lower	Medium		Higher		Medium	Higher	
<i>Implement a system that is consistent with the ST3 Plan that established transit mode, corridor, and station locations and that is technically feasible and financially sustainable to build, operate, and maintain.</i>								
Mode, route and stations per ST3	Higher	Higher		Higher				
Potential ST3 schedule effects	Higher	Higher	Medium	Lower				
Potential ST3 operating plan effects	Lower	Higher		Higher			Medium	Higher
Engineering constraints	Lower	Medium		Lower				
Constructability issues	Lower	Medium		Lower				
Operational constraints	Lower	Medium	Lower	Higher			Lower	Higher
Capital costs (2018\$)	-	+\$400M	+\$500M	+\$1,900M			+\$2,100M	+\$1,900M
Annual O&M costs on West Seattle/Ballard extensions (2018\$ in millions)	\$25 to \$30 / \$55 to \$60	\$25 to \$30 / \$55 to \$60		\$25 to \$30 / \$55 to \$60				
<i>Expand mobility for the corridor and region's residents, which include transit dependent, low income, and minority populations.</i>								
Low-income/minority opportunities (activity nodes/rental units) <sup>(1)</sup>	Medium	Medium		Medium				
	23%	22%		23%				
Low-income population <sup>(1/2)</sup>	32% / 32%	32% / 32%		32% / 31%				
Minority population <sup>(1/2)</sup>	34% / 34%	34% / 35%		34% / 34 to 35%				
Youth population <sup>(1/2)</sup>	7% / 10%	7% / 9%		7% / 9 to 10%				
Elderly population <sup>(1/2)</sup>	14% / 11%	14% / 12%		14% / 11 to 12%				
Limited English Proficiency population <sup>(1/2)</sup>	7% / 8%	7% / 8%		7% / 7 to 8%				
Disabled population <sup>(1/2)</sup>	12% / 11%	12% / 11%		12% / 11%				

(1) Within station walksheds; (2) Within 15 minute ride on connecting high frequency transit

# Level 3 evaluation – Part 1 of 2

## Overview of key differentiators

Lower Performing
Medium Performing
Higher Performing

Evaluation Measures	ST3 Representative	West Seattle Elevated/C-ID 5th Ave/Downtown 6th Ave/Ballard Elevated		West Seattle Tunnel/C-ID 4th Ave/Downtown 5th Ave/Ballard Tunnel				
	Project	5th Ave Cut-and-Cover International District/Chinatown Station	5th Ave Mined International District/Chinatown Station	41st Ave Alaska Junction/4th Ave Cut-and-Cover/14th Ave Ballard	42nd Ave Alaska Junction Station	44th Ave Alaska Junction Station	4th Ave Mined International District/Chinatown Station	15th Ave Ballard Station
<i>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.</i>								
Compatibility with Urban Centers/Villages <sup>(1)</sup>	58%		56%				55 to 58%	
Station land use plan consistency	Higher		Higher				Higher	
Activity nodes served <sup>(1)</sup>	302		298				300 to 303	
Passenger transfers	Higher	Higher	Medium		Higher		Medium	Higher
Bus/rail and rail/rail integration <sup>(1)</sup>	Medium		Medium				Medium	
Bicycle infrastructure and accessibility <sup>(1)</sup>	19%		19%				18 to 19%	
Pedestrian/limited mobility accessibility	Higher		Higher				Higher	
Development potential <sup>(1)</sup>	14%		14%				13 to 14%	
Equitable development opportunities	Lower		Medium				Higher	
<i>Preserve and promote a healthy environment and economy by minimizing adverse impacts on the natural, built and social environments through sustainable practices.</i>								
Historic properties/Landmarks <sup>(2)</sup>	40		20				40	
Potential archaeological resource effects <sup>(1)</sup>	Lower		Lower				Lower	
Parks/recreational resource effects (acres)	1.4		5.3				5.7	
Water resource effects (acres)	0.8		0.5				<0.1	
Fish and wildlife habitat effects (acres)	15.0		6.0				15.0	
Hazardous materials sites <sup>(2)</sup>	50		60				40	
Visual effects to sensitive viewers (miles)	2.5		1.7				1.2	
Noise/vibration sensitive receivers <sup>(1)</sup>	Medium		Medium				Medium	
Potentially affected properties	Medium		Lower				Higher	
Residential unit displacements	Medium		Lower				Higher	
Business displacements (square feet)	Higher		Lower				Higher	
Construction impacts	Lower	Lower	Medium		Medium		Lower	Medium
Burden on minority/low-income	Lower		Medium				Lower	
Traffic circulation and access effects	Lower		Medium				Higher	
Effects on transportation facilities	Lower		Medium				Medium	
Effects on freight movement	Lower		Medium				Medium	
Business and commerce effects	Medium		Medium				Medium	

(1) Within station walksheds and/or defined buffer of alignment; (2) On properties that overlap with the project footprint

# Level 3 evaluation – Part 2 of 2

## Overview of key differentiators

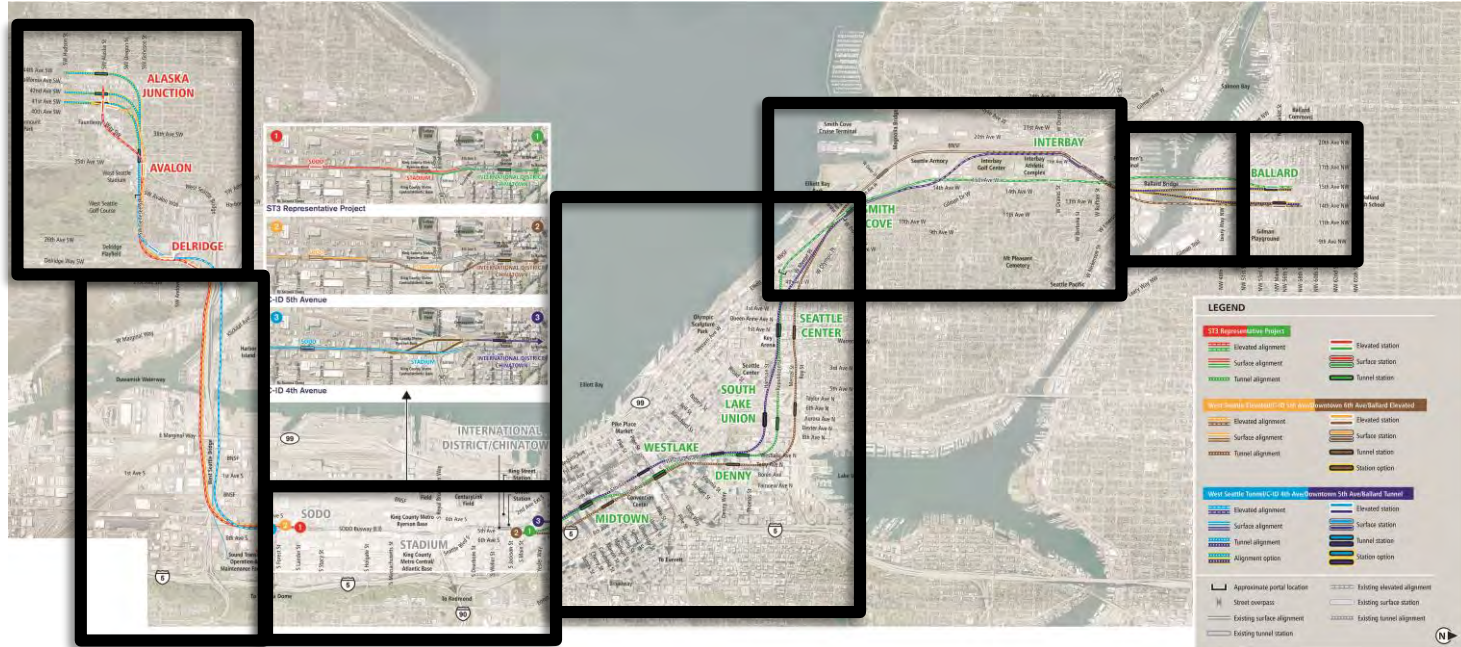
Lower Performing

Medium Performing

Higher Performing

# Key considerations

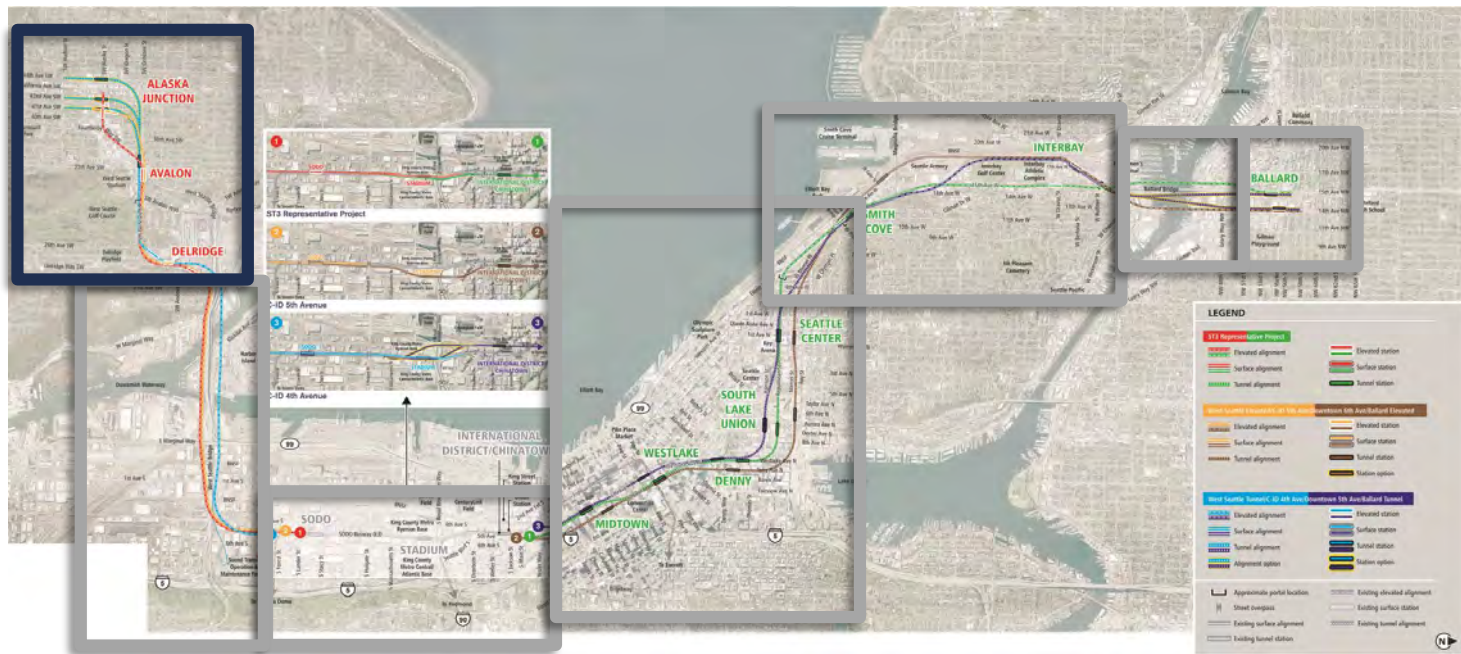
- › West Seattle stations and guideway
- › Duwamish Waterway crossing
- › SODO and Chinatown/ Int'l District
- › Downtown tunnel route
- › Smith Cove-Interbay
- › Salmon Bay crossing
- › Ballard terminus station



# Key considerations

# Key considerations

- › West Seattle stations and guideway
- › Duwamish Waterway crossing
- › SODO and Chinatown/ Int'l District
- › Downtown tunnel route
- › Smith Cove-Interbay
- › Salmon Bay crossing
- › Ballard terminus station



# Key considerations

West Seattle stations and guideway



## ST3 Representative Project

- East-west oriented elevated Alaska Junction Station complicates future LRT extension; constrained terminal station on SW Alaska Street
- High guideway on SW Genesee Street
- Park effects may require 4(f) avoidance alternative
- Delridge Station problematic proximity to freeway/Nucor

## West Seattle Elevated

- More displacements between Alaska Junction and Avalon stations; similar number of displacements in Delridge
- Greatest disruption to neighborhood around Alaska Junction Station
- High guideway on SW Genesee Street
- Park effects may require 4(f) avoidance alternative

## West Seattle Tunnel

- Fewer displacements w/ tunnel Alaska Junction Station; similar number of displacements in Delridge; Lower Delridge Station in neighborhood
- Tunnel facilitates lower guideway on SW Genesee St, but could increase implementation schedule and require 3rd Party funding
- Park effects may require 4(f) avoidance alternative

## West Seattle



# Key considerations

## West Seattle

## West Seattle

Key Differentiators	Elevated 41 <sup>st</sup> South of Alaska	Tunnel 41 <sup>st</sup> /Alaska	Tunnel 42 <sup>nd</sup> /Alaska	Tunnel 44 <sup>th</sup> /Alaska
Station location (Alaska Junction)	Farther away from bus routes on California Ave	Farther away from bus routes on California Ave	Closer to bus routes on California Ave than 41 <sup>st</sup>	Closer to bus routes on California Ave than 41 <sup>st</sup> and 42 <sup>nd</sup>
Potential property effects* (residential units / square feet of businesses potentially displaced)	More / Fewer	Fewer / Fewer	Fewer / Fewer	Fewer / Fewer
Guideway height in Delridge	Higher	Lower	Lower	Lower
Comparative Estimate (2018\$)*	-	+ \$700M	+ \$700M	+ \$700M

\*Compared to ST3 Representative Project

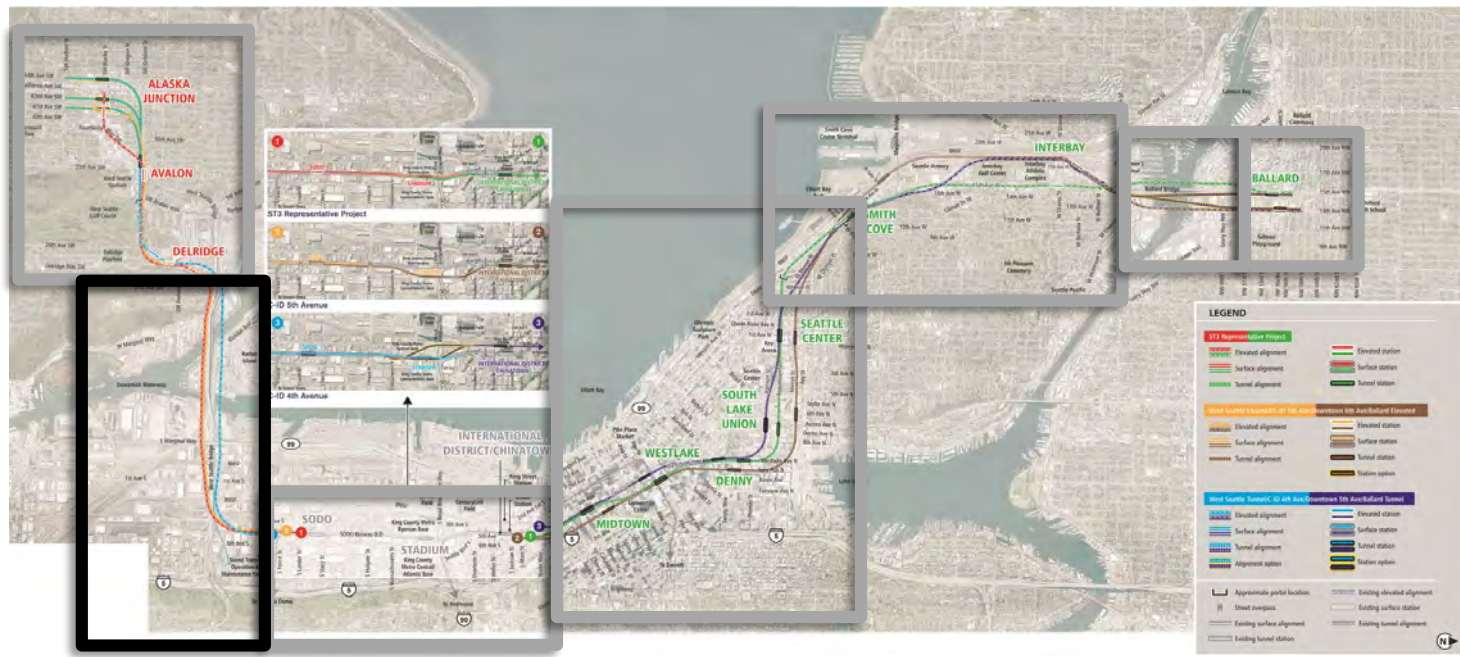


# Key differentiators

## West Seattle

# Key considerations

- › West Seattle stations and guideway
- › Duwamish Waterway crossing
- › SODO and Chinatown/ Int'l District
- › Downtown tunnel route
- › Smith Cove-Interbay
- › Salmon Bay crossing
- › Ballard terminus station



# Key considerations

Duwamish crossing

## ST3 Representative Project

- Engineering constraints with Pigeon Point steep slopes
- Some effects to Duwamish Greenbelt

## West Seattle Elevated

- Engineering constraints with Pigeon Point steep slopes
- Some effects to Duwamish Greenbelt

## West Seattle Tunnel

- North bridge crossing avoids Pigeon Point steep slope and effects to Duwamish Greenbelt
- Affects freight, port terminal facilities especially during construction

## Duwamish Waterway Crossing



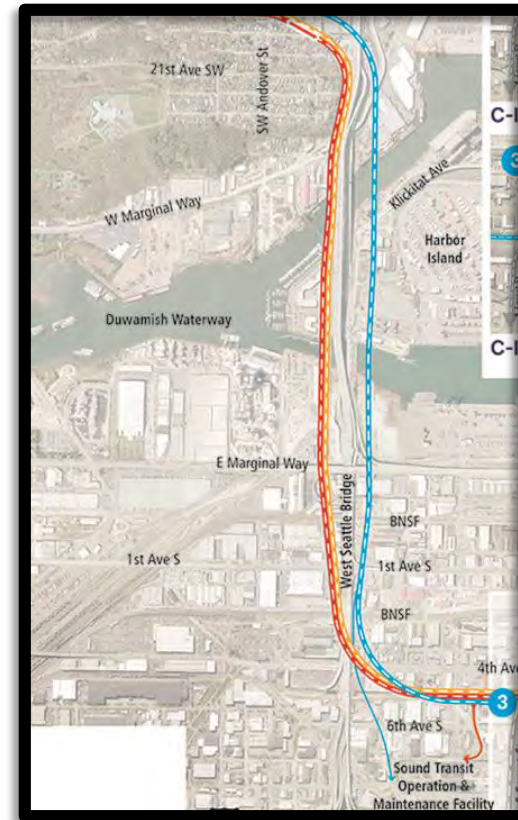
# Key considerations

Duwamish crossing

# Duwamish Crossing

Key Differentiators	South	North
Engineering constraints	Pigeon Point steep slope	Avoids Pigeon Point steep slope
Potential fish and wildlife effects	Affects West Duwamish Greenbelt	Avoids West Duwamish Greenbelt
Potential property effects	Similar	Similar
Potential freight movement	Lessens freight, port terminal effects	Affects freight, port terminal especially during construction
Potential business and commerce effects	Could displace businesses that support trade	Could displace businesses that support trade; May displace some water-dependent business
Comparative Estimate (2018\$)*	-	+ \$300M

\*Compared to ST3 Representative Project

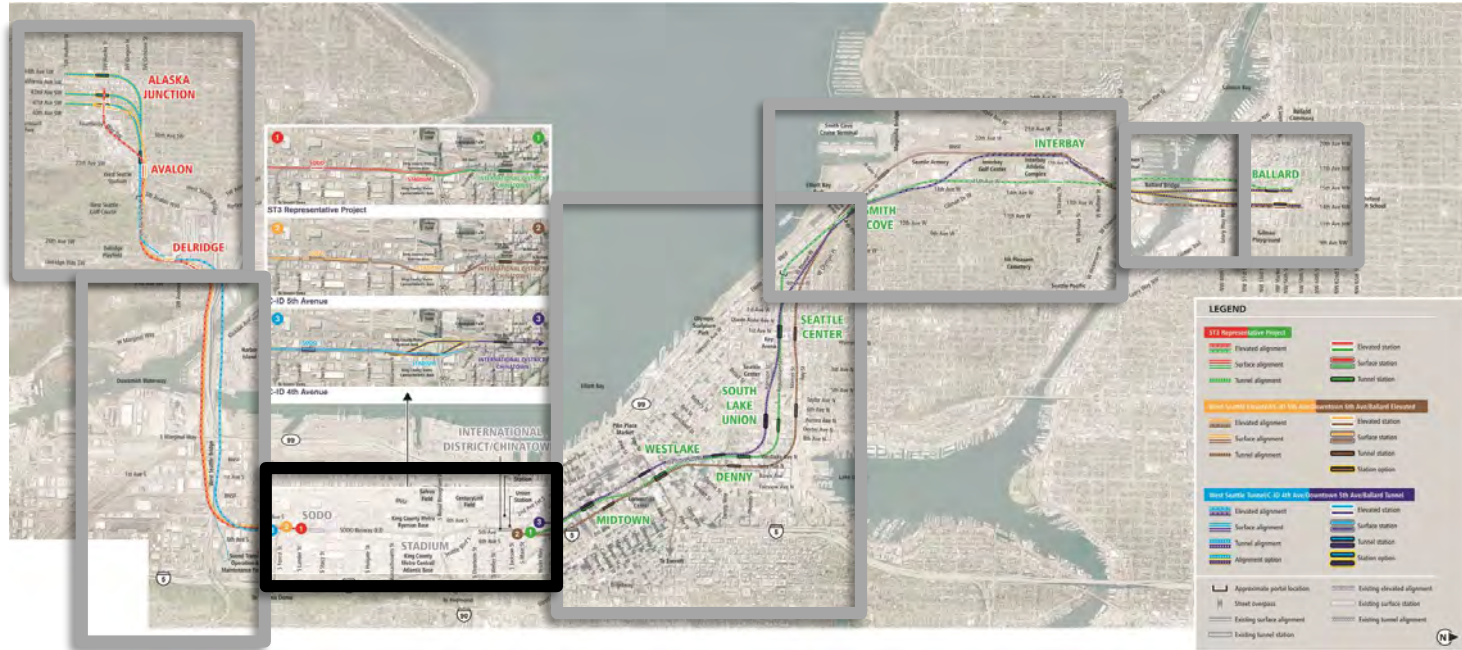


# Key differentiators

## Duwamish crossing

# Key considerations

- › West Seattle stations and guideway
- › Duwamish Waterway crossing
- › SODO and Chinatown/Int'l District
- › Downtown tunnel route
- › Smith Cove-Interbay
- › Salmon Bay crossing
- › Ballard terminus station



# Key considerations

SODO and Chinatown/International District

## ST3 Representative Project

- More complex and costly elevated track
- Does not facilitate track interconnections
- Does not grade separate Lander and Holgate roadway crossings
- Infrastructure conflicts with WSDOT ramps

## C-ID 5th Avenue

- At-grade track alignment reduces cost and complexity
- Grade separations of Lander and Holgate improve existing LRT/traffic operations

## C-ID 4th Avenue

- At-grade track alignment reduces cost and complexity
- Grade separations of Lander and Holgate improve existing LRT/traffic operations

# SODO



# Key considerations

SODO and Chinatown/International District – West Seattle extension

# Chinatown/International District

## ST3 Representative Project

- Cut-and-cover tunnel and station on 5th Ave S results in construction effects in C-ID
- Affects WSDOT ramps/foundations
- Impacts Ryerson bus base

## C-ID 5th Avenue

- Cut-and-cover station on 5th Ave S results in construction effects in C-ID but bored tunnel limits effects
- Mined station has less convenient access, transfers, potential to extend schedule
- Affects future Central base expansion
- Mined station limits train acceleration and track crossovers

## C-ID 4th Avenue

- Viaduct rebuild results in more construction complexity, traffic diversions, schedule delays; requires 3<sup>rd</sup> Party funding
- Mined station option increases traffic effects and has less convenient access, transfers and impacts Ryerson bus base
- Deep mined station does not allow for a pocket track so reduces operability



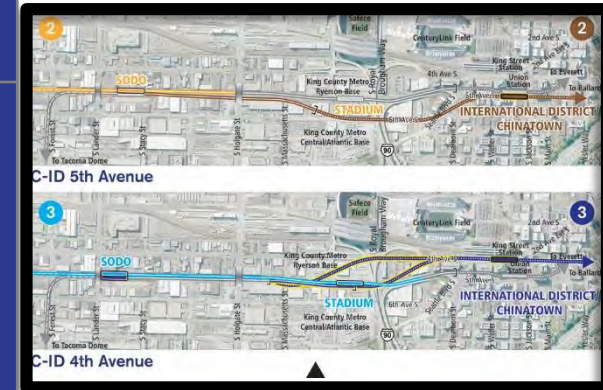
# Key considerations

Chinatown/International District – Ballard extension



# SODO and Chinatown-ID

Key Differentiators	5th Bored/ Cut-and-Cover	5th Bored/ Mined	4th Cut- and-Cover	4th Bored/ Mined
Ease of station access/transfers	Higher performing	Lower performing	Higher performing	Lower performing
Potential construction effects in C-ID	More construction effects	Least construction effects	More construction traffic effects	Most construction traffic effects
Potential property effects	Property effects in SODO at tunnel portal and 5 <sup>th</sup> Ave in C-ID; affects future Central Base expansion	Property effects in SODO at tunnel portal and 5 <sup>th</sup> Ave in C-ID; affects future Central Base expansion	Property effects on 4 <sup>th</sup> Ave; affects Ryerson Base	Property effects on 4 <sup>th</sup> Ave; displaces Ryerson Base
Construction schedule	Meets ST3 schedule	Higher schedule risk	Potential schedule delay	Potential schedule delay
Comparative Estimate (2018\$)*	-\$200M	-	+\$300M	+\$500M**



\*Compared to ST3 Representative Project  
 \*\*Includes higher Downtown cost of \$100M

## Key differentiators

### Chinatown/International District

# Key considerations

- › West Seattle stations and guideway
- › Duwamish Waterway crossing
- › SODO and Chinatown/ Int'l District
- › Downtown tunnel route
- › Smith Cove-Interbay
- › Salmon Bay crossing
- › Ballard terminus station



# Key considerations

## Downtown

## Downtown



## ST3 Representative Project

- Impacts SR 99 off ramp and requires large sewer relocation
- Constrained right-of-way at Seattle Center Station
- North tunnel portal results in more acquisitions and displacements
- Infrastructure conflicts (sewer under Republican)

## Downtown 6th Ave

- Limited entrance options for Midtown Station
- Wider right-of-way for Seattle Center Station
- North tunnel portal located in poor soil conditions

## Downtown 5th Ave

- Higher ridership potential at South Lake Union Station due to better pedestrian access and bus connections
- Constrained right-of-way at Seattle Center Station
- North tunnel portal impacts SW Queen Anne Greenbelt in landslide hazard area

# Key considerations

## Downtown

## Downtown

Key Differentiators	6th/Mercer	5th/Harrison
Midtown Station	Limited station entrance options	More station entrance options
South Lake Union Station	Higher ROW cost for off-street station	Higher ridership potential due to better ped and bus access
Seattle Center Station	Wider right-of-way on Mercer	Constrained ROW on Republican
North tunnel portal	Located in poor soil conditions	Affects SW Queen Anne Greenbelt in landslide area
Comparative Estimate (2018\$)*	+ \$400M	-



\*Compared to ST3 Representative Project

# Key differentiators

## Downtown

# Key considerations

- › West Seattle stations and guideway
- › Duwamish Waterway crossing
- › SODO and Chinatown/ Int'l District
- › Downtown tunnel route
- › Smith Cove-Interbay
- › Salmon Bay crossing
- › Ballard terminus station



# Key considerations

## Smith Cove-Interbay

## Smith Cove-Interbay



### ST3 Representative Project

- Affects Elliott/15th Ave W
- Engineering constraints with landslide hazard area
- Affects SW Queen Anne Greenbelt

### Ballard Elevated

- Avoids Elliott/15th Ave W
- Some potential impacts to existing infrastructure
- Park effects may require 4(f) avoidance alternatives

### Ballard Tunnel

- Avoids Elliott/15th Ave W
- Engineering constraints with landslide hazard area
- Most effects to SW Queen Anne Greenbelt
- Park effects may require 4(f) avoidance alternatives

# Key considerations

## Smith Cove-Interbay

# Smith Cove

Key Differentiators	Station at Galer St	Station at Prospect St
Station Location	West of Elliott Ave Access to Expedia via Galer St overpass	East of Elliott Ave Access to Expedia via Helix pedestrian bridge
Engineering Constraints	Station and guideway in poor soils Affects Interbay Pump Station and portion of existing bridge	Station and guideway in landslide hazard areas
Potential Parks, Fish & Wildlife Effects	Avoids SW Queen Anne Greenbelt	Affects SW Queen Anne Greenbelt
Potential Property Effects	Similar (business displacement outside public right-of-way)	Similar (business displacement outside public right-of-way)
Comparative Estimate (2018\$)*	+ \$100M	+ \$200M

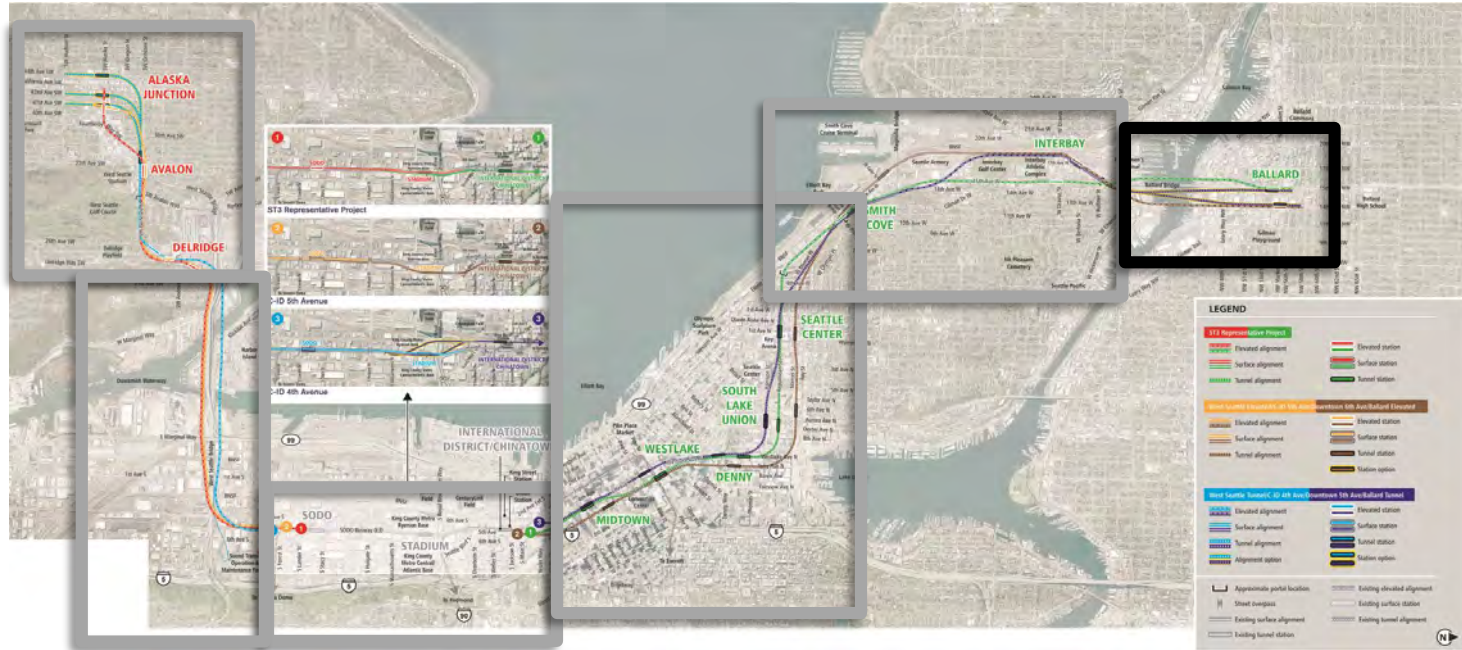
\*Compared to ST3 Representative Project



**Key differentiators**  
Smith Cove

# Key considerations

- › West Seattle stations and guideway
- › Duwamish Waterway crossing
- › SODO and Chinatown/Int'l District
- › Downtown tunnel route
- › Smith Cove-Interbay
- › Salmon Bay crossing & Ballard terminus station



# Key considerations

Salmon Bay crossing & Ballard terminus station



# Salmon Bay Crossing



## ST3 Representative Project

- Movable bridge has potential service interruptions and most in-water effects
- More effects to Fishermen's Terminal, maritime businesses and vessel navigation

## Ballard Elevated

- Fixed bridge reduces in-water effects and avoids Fishermen's Terminal but has other potential maritime business effects
- Fixed bridge crossing would require high-level structure for navigational clearances

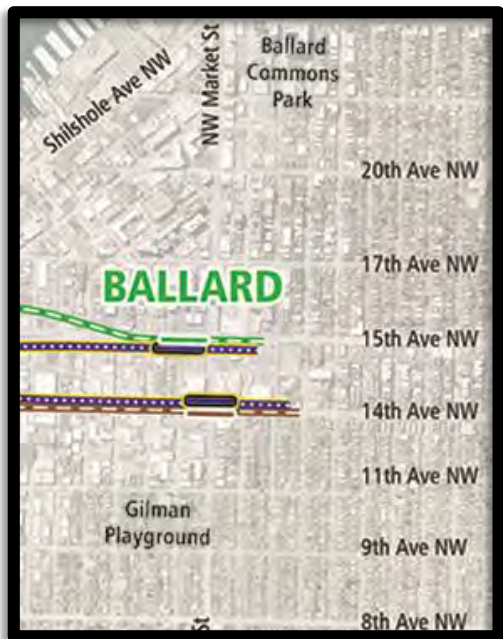
## Ballard Tunnel

- Tunnel avoids columns in water and maritime/navigational effects
- Tunnel crossings add costs; requires funding partnerships

# Key considerations

Salmon Bay crossing

# Ballard Station



## ST3 Representative Project

- Ballard Station on 15th Ave NW closer to Urban Village
- More acquisitions and displacements with elevated guideway, station and tail tracks on 15th Ave NW
- Movable bridge has potential service interruptions

## Ballard Elevated

- Wider 14th Ave NW right-of-way better accommodates elevated guideway, station and tail tracks
- Ballard Station on 14th Ave NW farther from center of Urban Village than 15th Ave NW, but would have similar ridership and potentially better bus integration

## Ballard Tunnel

- Wider 14th Ave NW right-of-way better accommodates station and tail tracks
- Ballard Station on 14th Ave NW farther from center of Urban Village than 15th Ave NW, but would have similar ridership and potentially better bus integration

# Key considerations

Ballard terminus station

# Salmon Bay Crossing and Ballard Station

Key Differentiators	Fixed bridge crossing / Elevated station at 14th	Tunnel crossing / Tunnel station at 14th	Tunnel crossing / Tunnel station at 15th
Station Location	Straddles Market St Similar ridership, potentially better bus integration	Straddles Market St Similar ridership, potentially better bus integration	South of Market St Similar ridership, closer to center of urban village
Water Resources	Potential in-water effects	Avoids permanent in-water effects	Avoids permanent in-water effects
Potential business and commerce effects	Potential maritime, freight business effects	Avoids maritime business effects	Avoids maritime business effects
Potential property Effects	Greater property effects south of Salmon Bay (elevated guideway outside public right-of-way)	Fewer property effects in Ballard (cut-and-cover station in 14th Ave right-of-way)	Greater property effects in Ballard (cut-and-cover station outside public right-of-way)
Comparative Estimate (2018\$)*	+ \$100M	+ \$350M	+ \$350M



\*Compared to ST3 Representative Project

## Key differentiators

Salmon Bay crossing & Ballard terminus station

A photograph of a Sound Transit train at a station platform. The train is white with a blue wave-like stripe along the bottom. The number '139B' is visible on the side of the train. The words 'SOUND TRANSIT' are visible on the front and side of the train. The train is stopped at a platform with a metal railing in the foreground. The background shows a station platform with a yellow tactile strip and a digital display board. The text 'EIS scoping' is overlaid in the center of the image in a large, white, italicized font.

***EIS scoping***

# *What is EIS Scoping?*

- Part of federal and state environmental review process
- Public comment period **February 15 – April 2**
- Seeking public **feedback on scope of EIS**
  - Range of alternatives
  - Topics to study
  - Purpose and need
- **Informs Board decision** on what to study in EIS\*

\* Scope of EIS also subject to Federal Transit Administration (FTA) oversight

# *How to provide scoping comments*

- **Comment online:** [wsblink.participate.online](https://wsblink.participate.online)
- **Email us:** [wsbscopingcomments@soundtransit.org](mailto:wsbscopingcomments@soundtransit.org)
- **Leave a voicemail:** 833-972-2666
- **Mail us:**
  - West Seattle and Ballard Link Extensions, c/o Lauren Swift, Sound Transit, 401 S. Jackson St., Seattle, WA 98104

*Scoping comments accepted through **April 2<sup>nd</sup>!***

# Scoping Open Houses & Neighborhood Forums

## West Seattle

*(Includes Delridge, Avalon and Alaska Junction stations)*

➤ 260 attendees

## Ballard

*(Includes Smith Cove, Interbay and Ballard stations)*

➤ 120 attendees

## Downtown Seattle

*(Includes Denny, SLU, Seattle Center, Midtown, Westlake, CID, Stadium and SODO stations)*

➤ 94 attendees

## Wednesday, Feb. 27

6 – 8:30 p.m.

Alki Masonic Center  
(4736 40th Ave. SW, Seattle)

## Thursday, Feb. 28

6 – 8:30 p.m.

Ballard High School  
(1418 NW 65th St., Seattle)

## Thursday, Mar. 7

5 – 7:30 p.m.

Ruth Fisher Boardroom at  
Union Station  
(401 S Jackson St., Seattle)

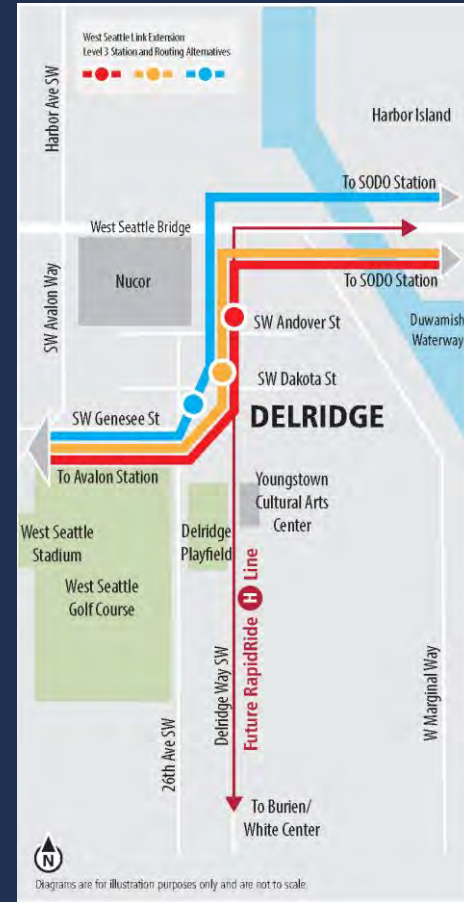
# Delridge Station Community Workshop

Tuesday, Mar. 12

6:30 – 8:30 p.m.

Youngstown Cultural Arts Center  
(4408 Delridge Way SW, Seattle)

➤ 94 attendees





# Chinatown-International District Station Community Workshop

**Wednesday, Mar. 13**

5 – 8:00 p.m.

Union Station

(401 S. Jackson St., Seattle)

➤ 133 attendees



A photograph of a Sound Transit train at a station platform. The train is white with a blue wavy stripe along the side. The number '139B' is visible on the side of the train. The text 'SOUND TRANSIT' is visible on the front of the train. The platform has a metal railing in the foreground and a yellow tactile strip along the edge. The background shows the station structure and some overhead wires. The text 'Next steps' is overlaid in the center of the image in a white, bold, italicized font.

***Next steps***

# Next steps

<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 Open Houses / Neighborhood Forums</b>	Feb 27, 28 & March 7	Level 3 evaluation results
<b>SAG Meeting #13</b>	March 21	Station planning discussions
<b>ELG Meeting #7</b>	March 29	CID and Delridge station focus
<b>SAG Meeting #14</b>	April 17	Level 3 recommendations
<b>ELG Meeting #8</b>	April 26	Level 3 recommendations
<b>Sound Transit Board System Expansion Committee</b>	May 9	Identify preferred alternative (and other EIS alternatives)
<b>Sound Transit Board Full Board</b>	May 23	Identify preferred alternative (and other EIS alternatives)

# Level 3 recommendations

- Interest in **additional scope** items
- Additional scope items **require 3<sup>rd</sup> party funding\***
- Potential **recommendations**:
  - Preferred Alternative #1: If 3<sup>rd</sup> party funding **not** secured
  - Preferred Alternative #2: If 3<sup>rd</sup> party funding **is** secured

# Next steps

<b>SAG Meeting #12</b>	Jan 30	Level 3 evaluation results
<b>ELG Meeting #6</b>	Feb 1	Level 3 evaluation results
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2016



# PLANNING



# DESIGN

## 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



Anticipated  
publication  
date:  
Late 2020

PUBLIC INVOLVEMENT

\*The Sound Transit Board identifies preferred alternatives and other alternatives to study in the Environmental Impact Statement.

# *Environmental review timeline\**

- Scoping – Now through April 2, 2019
- Draft EIS – Late 2020
- Final EIS – Mid 2022
- FTA ROD – 2022

\*Preliminary schedule; dates subject to change.

*Thank you!*

*soundtransit.org/wsblink* 

