

# *West Seattle and Ballard Link Extensions*

*NWSA Managing Members  
4/5/2022*



# *Agenda*

- Powering Progress
- West Seattle and Ballard Link Extensions Project Overview
- Draft EIS Results: Duwamish and SODO segments
- Q&A and Discussion
- Next steps

# ST3 – A Regional Investment

## 252-mile network across the Puget Sound

- 116 miles of light rail
- 91 miles of commuter rail
- 45 miles of bus rapid transit



# Tacoma Dome Link Extension (TDLE)

- 10 miles
- 4 stations
- 1 river crossing

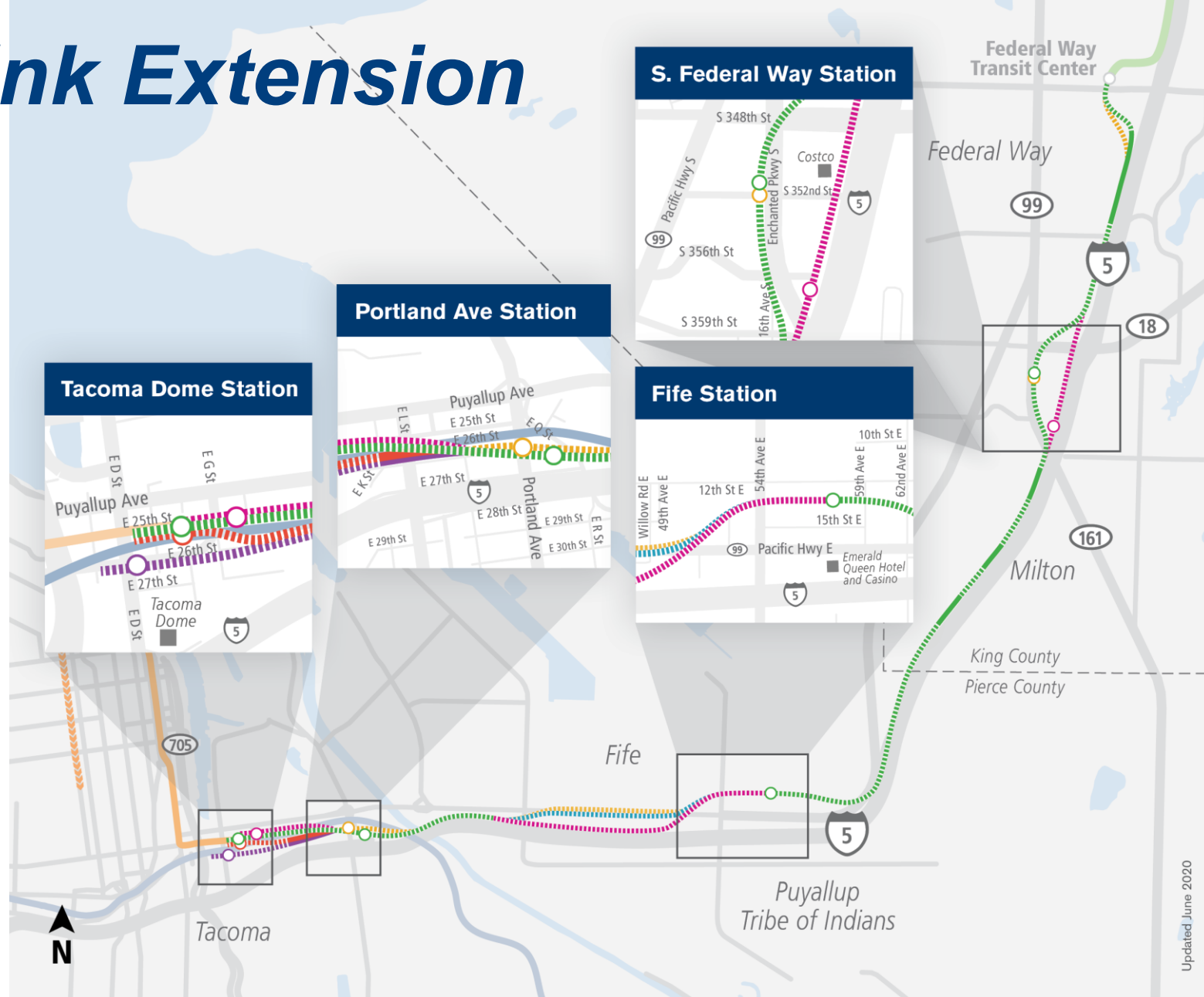
- Preferred Alternative
- Design options
- Other Draft EIS alternatives

## Route profiles

- ▬▬▬ Elevated
- ▬ Surface
- Station alternatives

## Other rail service

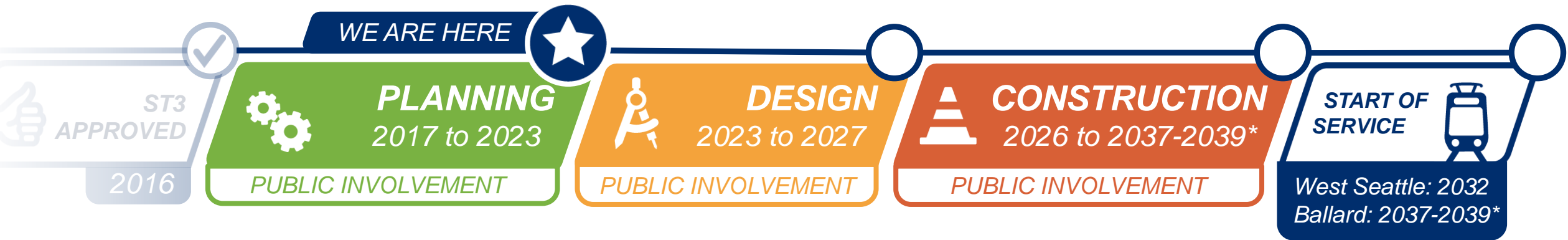
- ▬ Angle Lake–Federal Way (2024)
- ▬ Sounder South: Lakewood–Seattle (in service)
- ▬ Tacoma Dome–Theater District (in service)
- ▬ Theater District–St Joseph (2023)
- Existing station



Updated June 2020

# West Seattle and Ballard Link Extensions

## Project timeline





ST3  
APPROVED

2016



# PLANNING



DESIGN

## 2017–2019

### Alternatives development

- ✓ Feb–March 2018: Early scoping
- ✓ Feb–April 2019: Scoping
- ✓ May–Oct 2019: Board identified preferred alternatives and other DEIS alternatives



## 2019–2023

### Environmental review

#### Early 2022: Publish Draft EIS

Public comment period

Board confirms or modifies preferred alternatives

#### 2023: Publish Final EIS

Board selects projects to be built

Federal Record of Decision

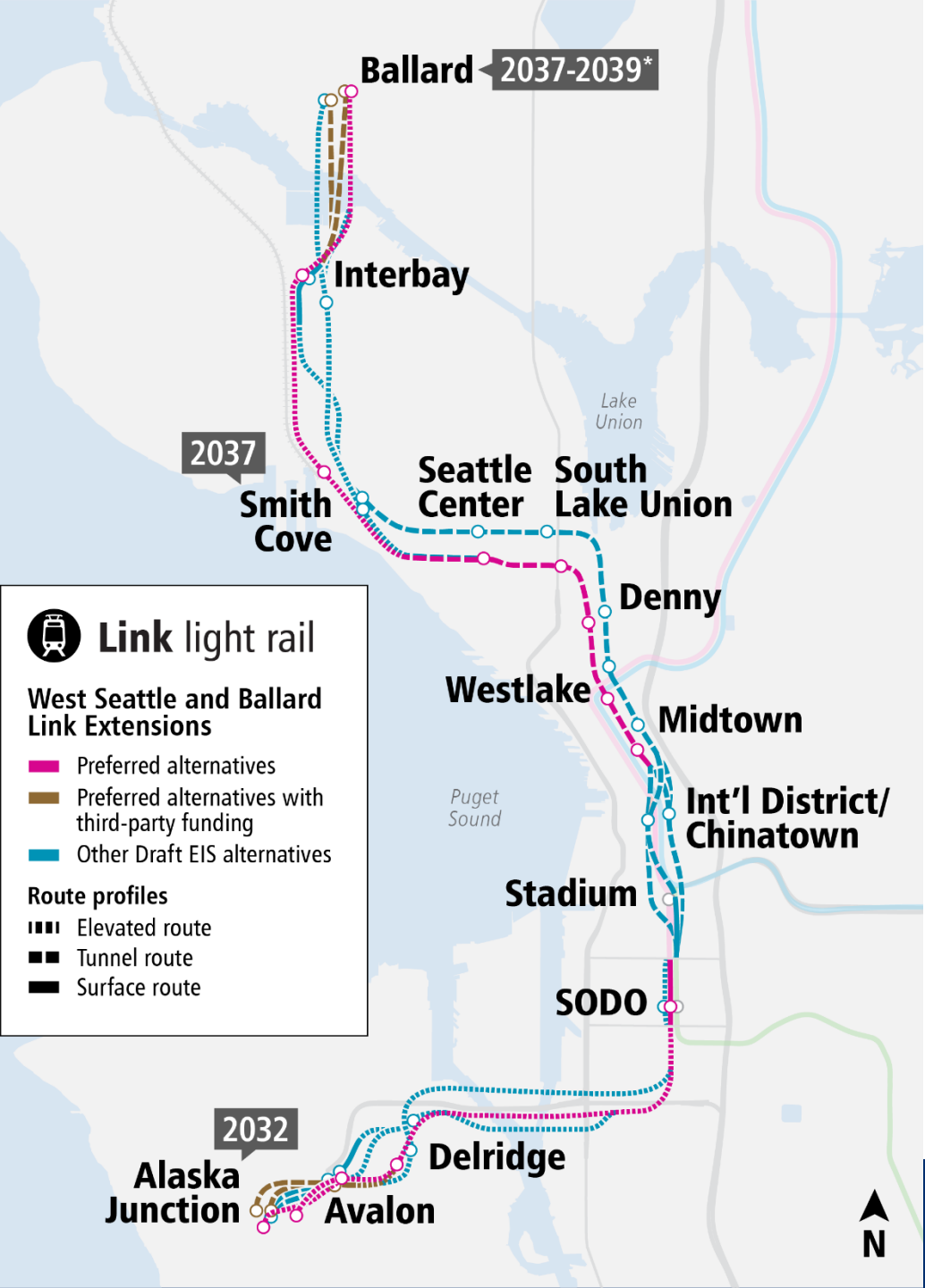
PUBLIC INVOLVEMENT

# Draft EIS alternatives

## What we're studying in this phase

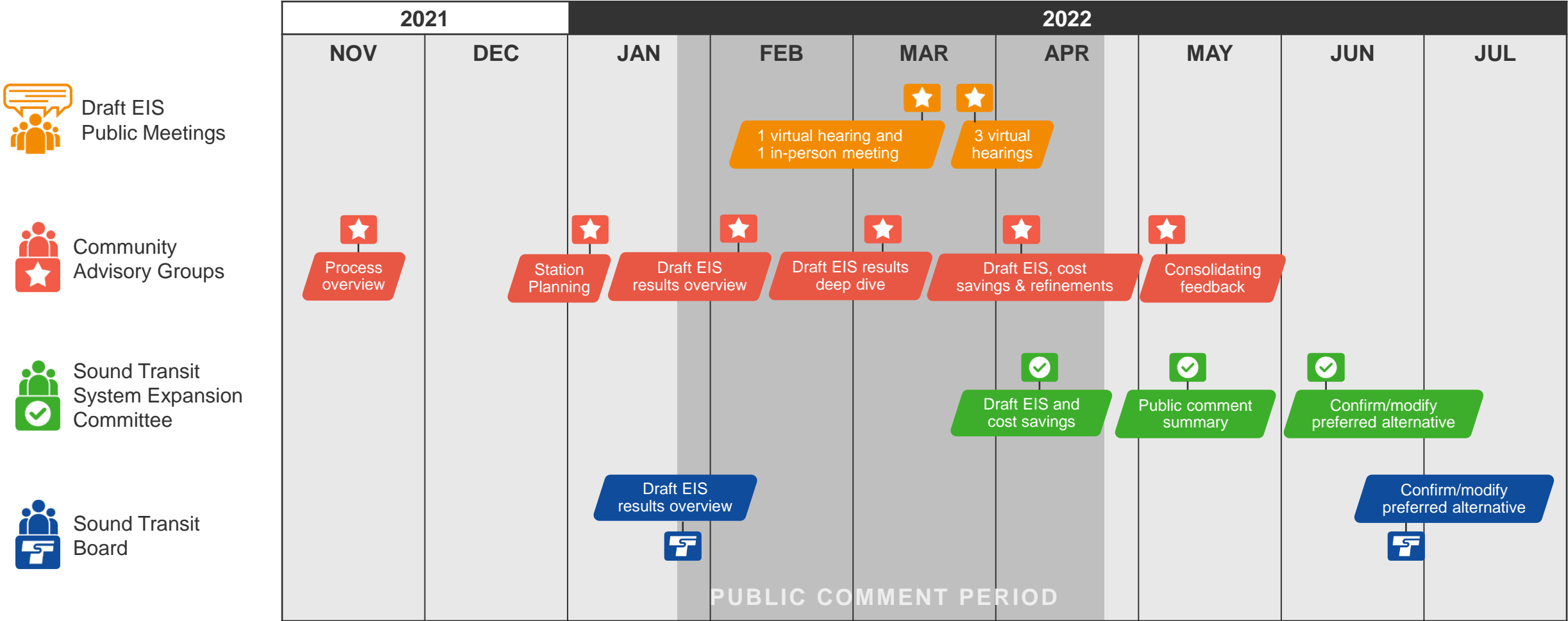
- Preferred Alternatives
- Preferred Alternatives with Third-Party Funding
- Other Draft EIS alternatives

\*Dates reflect an affordable schedule based on current financial projections and cost estimates, and a target schedule.



# Community engagement and collaboration

## Draft Environmental Impact Statement (EIS)







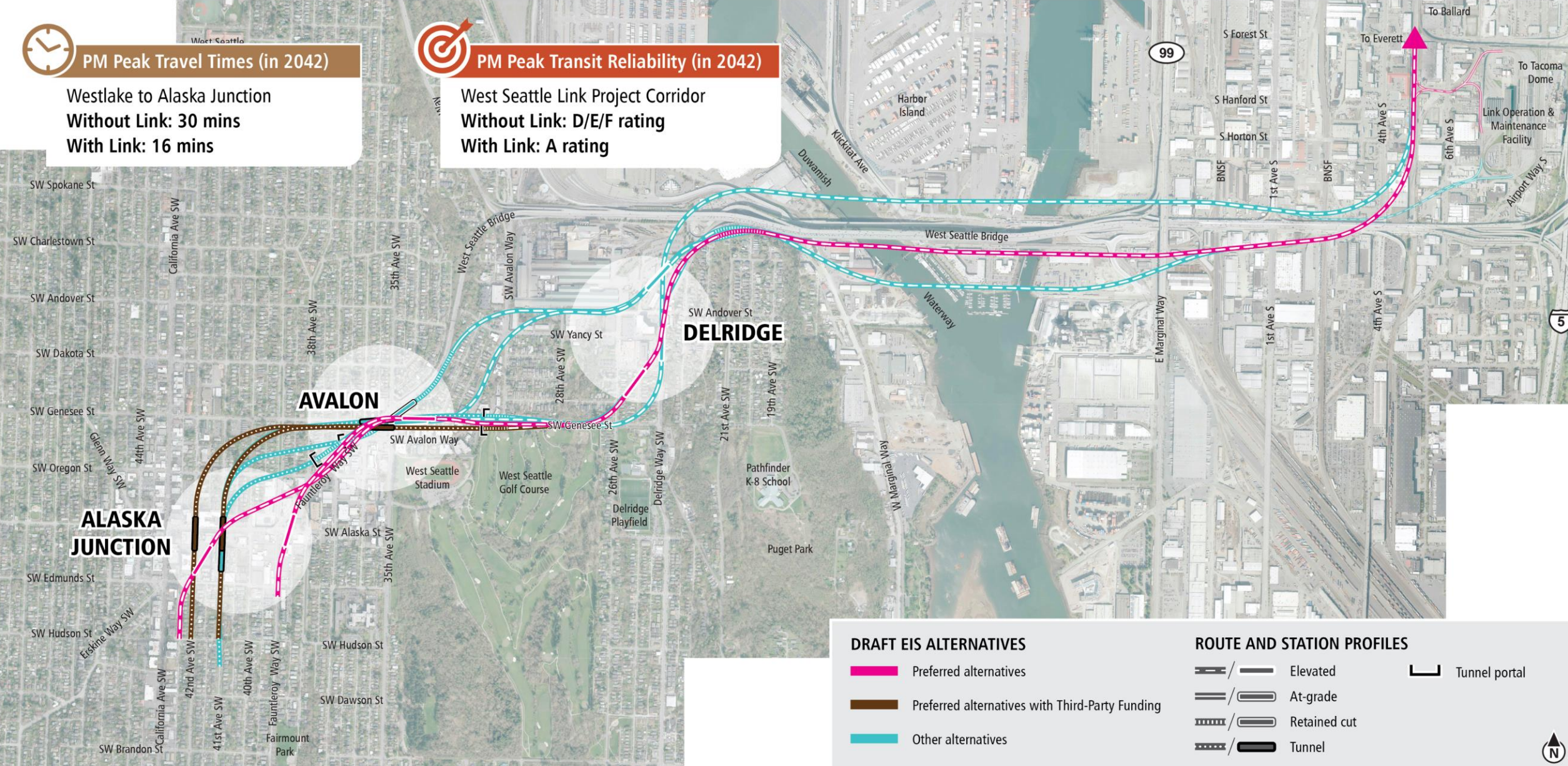
### PM Peak Travel Times (in 2024)

Westlake to Alaska Junction  
**Without Link: 30 mins**  
**With Link: 16 mins**



### PM Peak Transit Reliability (in 2024)

West Seattle Link Project Corridor  
**Without Link: D/E/F rating**  
**With Link: A rating**



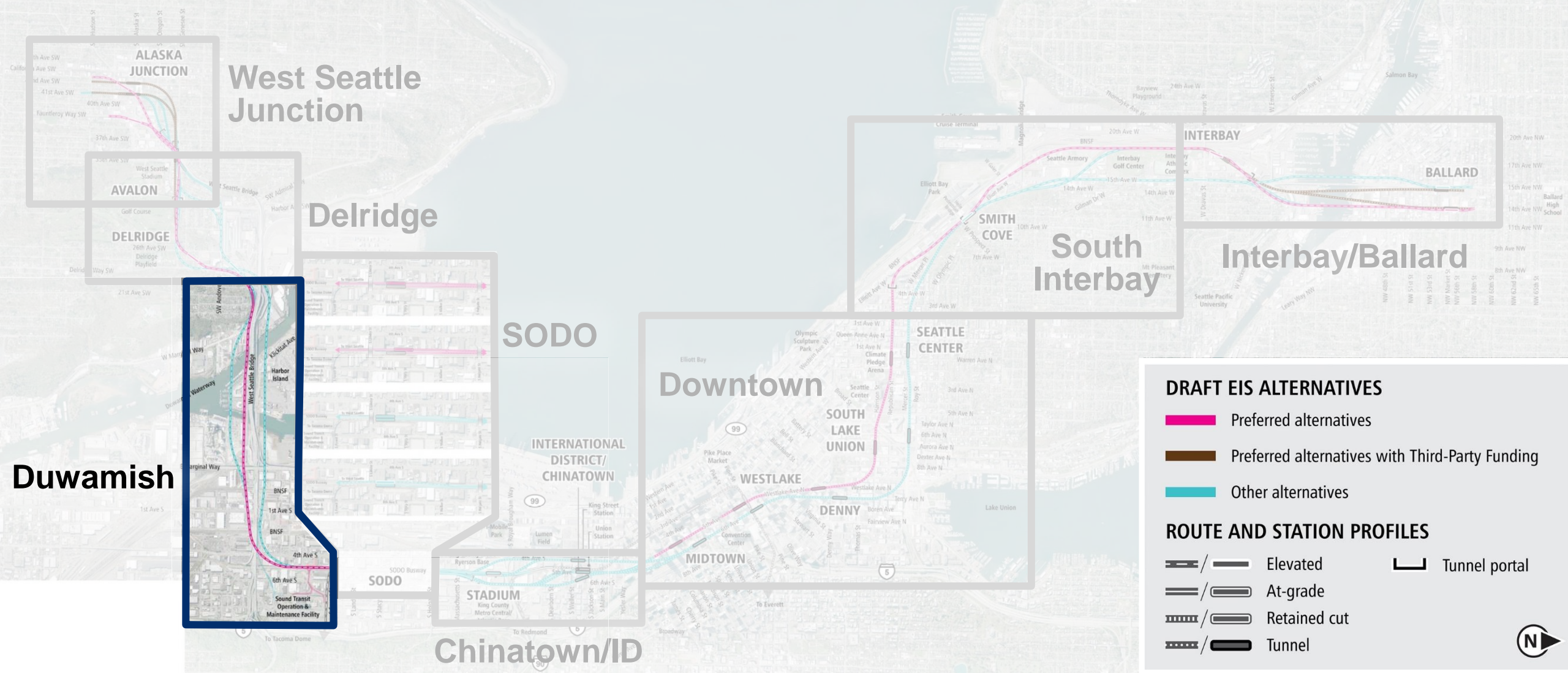
#### DRAFT EIS ALTERNATIVES

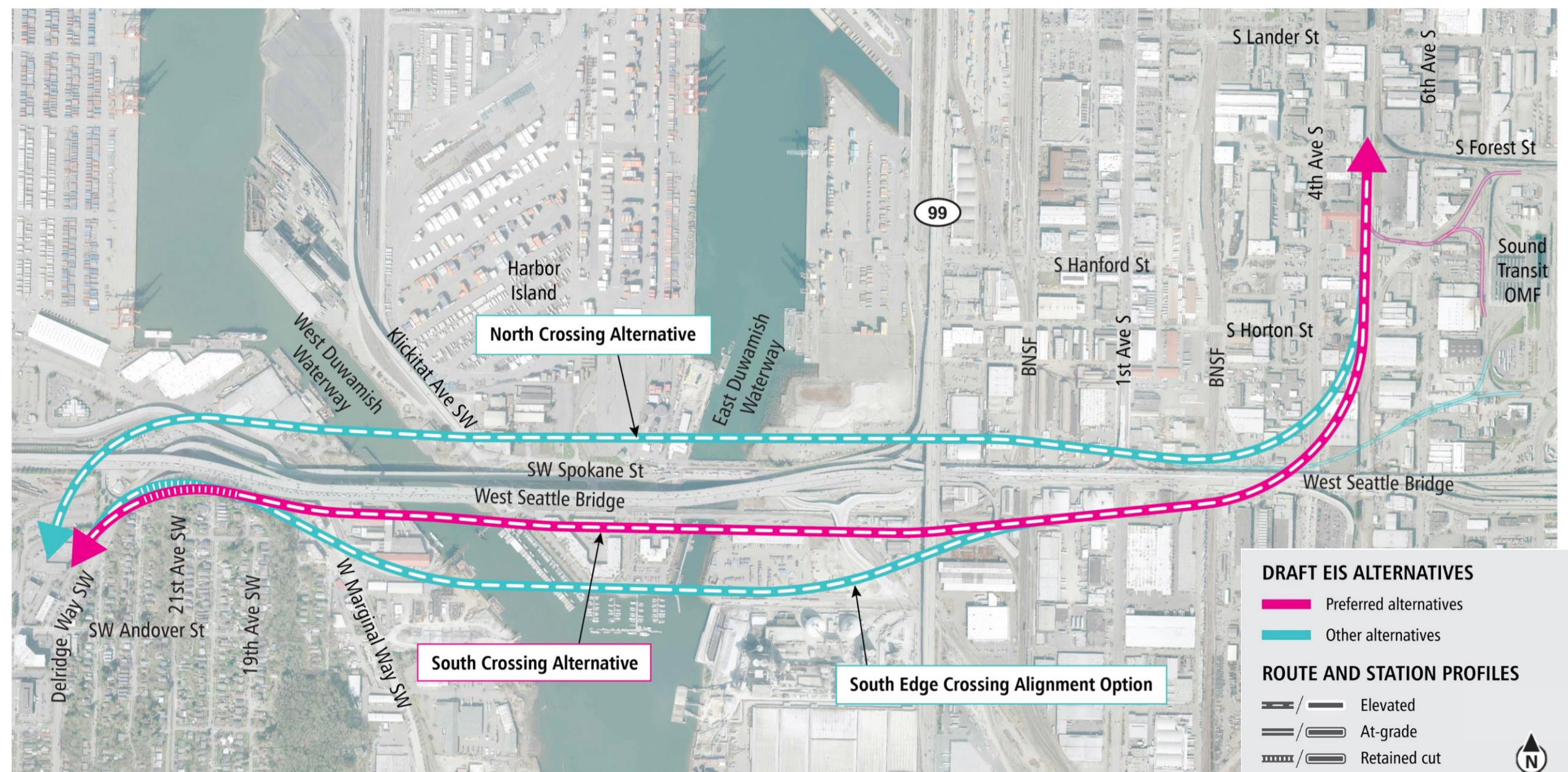
- Preferred alternatives
- Preferred alternatives with Third-Party Funding
- Other alternatives

#### ROUTE AND STATION PROFILES

- Elevated
- At-grade
- Retained cut
- Tunnel
- Tunnel portal

# Draft EIS alternatives





# South Crossing Alternative

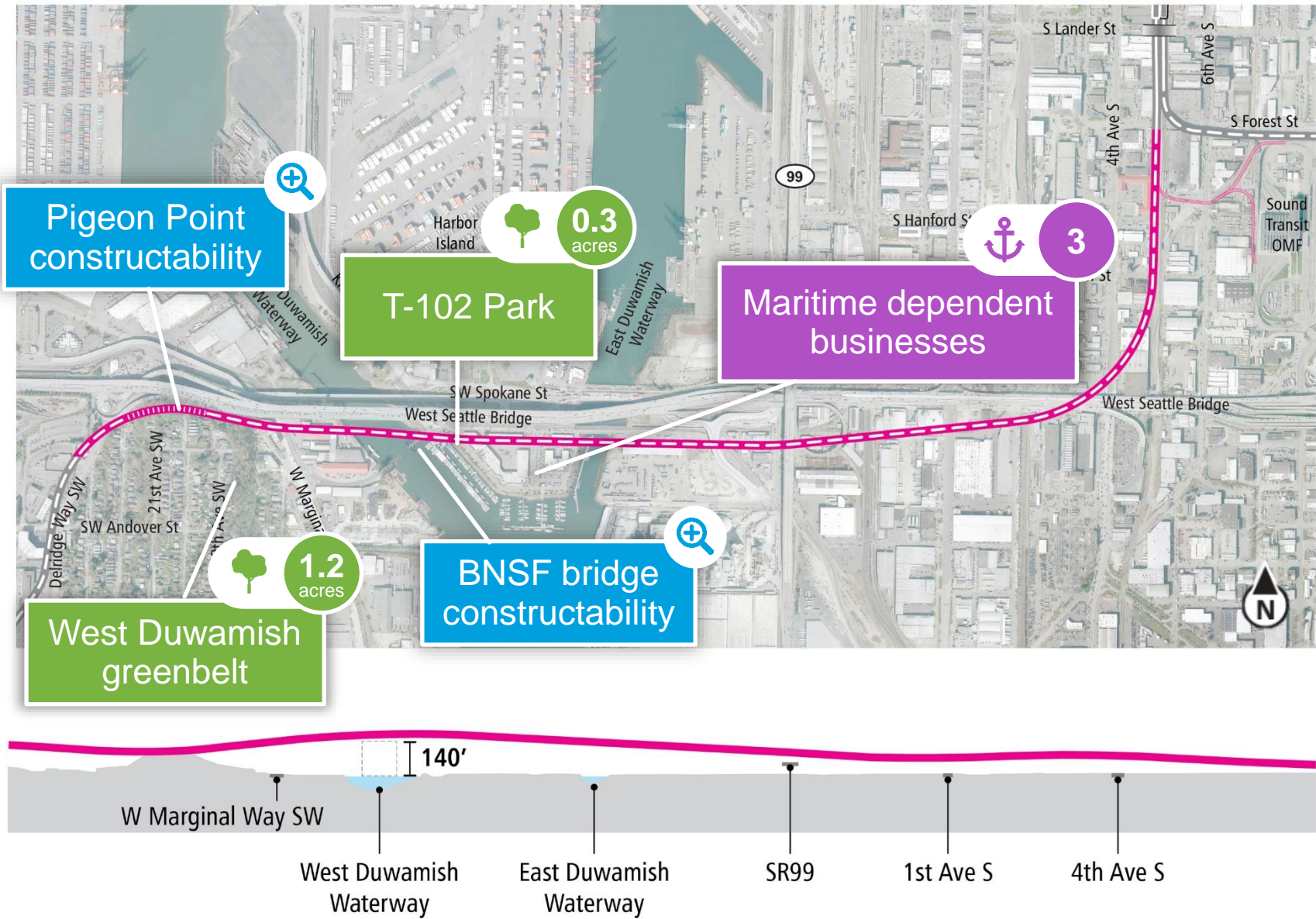
**Project cost**  
(2019\$ in billions) **\$1.2B**

**Residential displacements** **26 units**

**Business displacements** **36**

**Park effects (permanent)** **1.5 acres**

**Other considerations**



*Diagrams are not to scale and all measurements are approximate. The above information is for illustration only. Please refer to DEIS for further detail. Connection to preferred alternative in Delridge is shown for illustration purposes.*

# South Edge Crossing Alignment Option

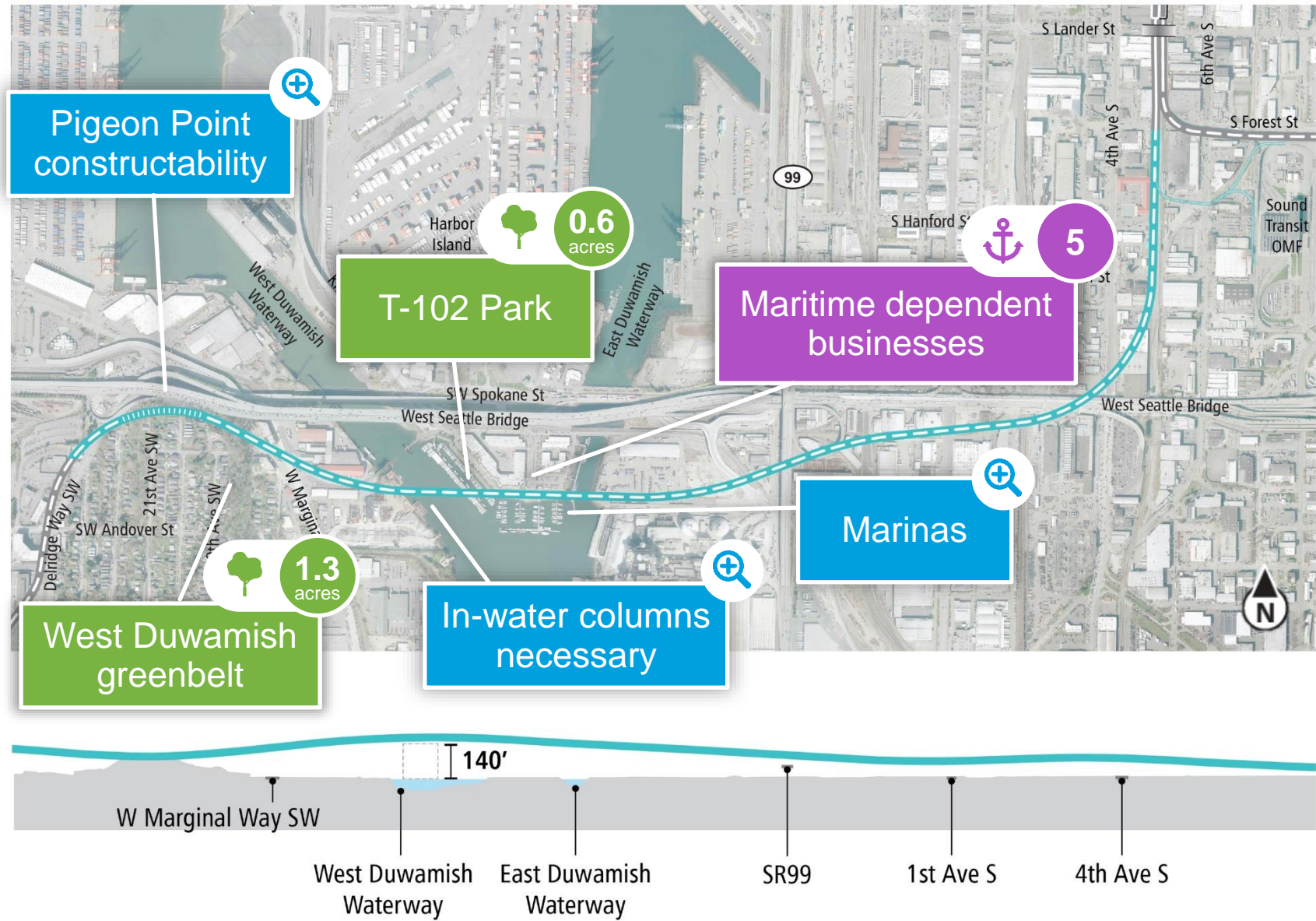
**Project cost**  
(2019\$ in billions) **\$1.3B**

**Residential displacements** **26 units**

**Business displacements** **29**

**Park effects (permanent)** **1.9 acres**

**Other considerations**



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# North Crossing Alternative

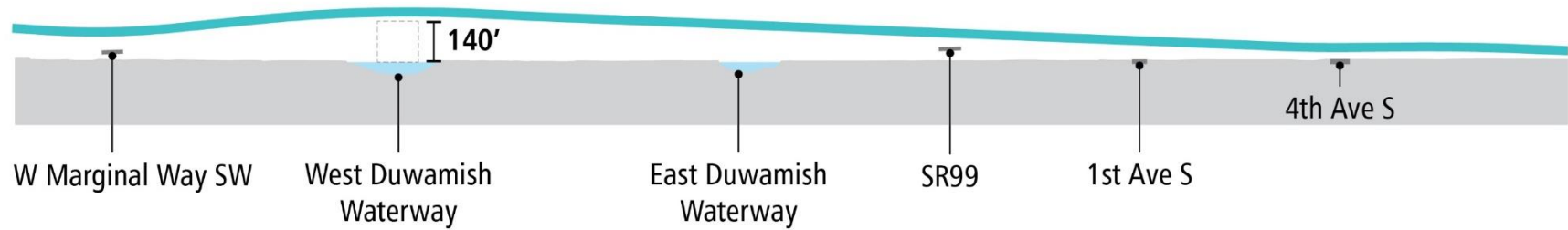
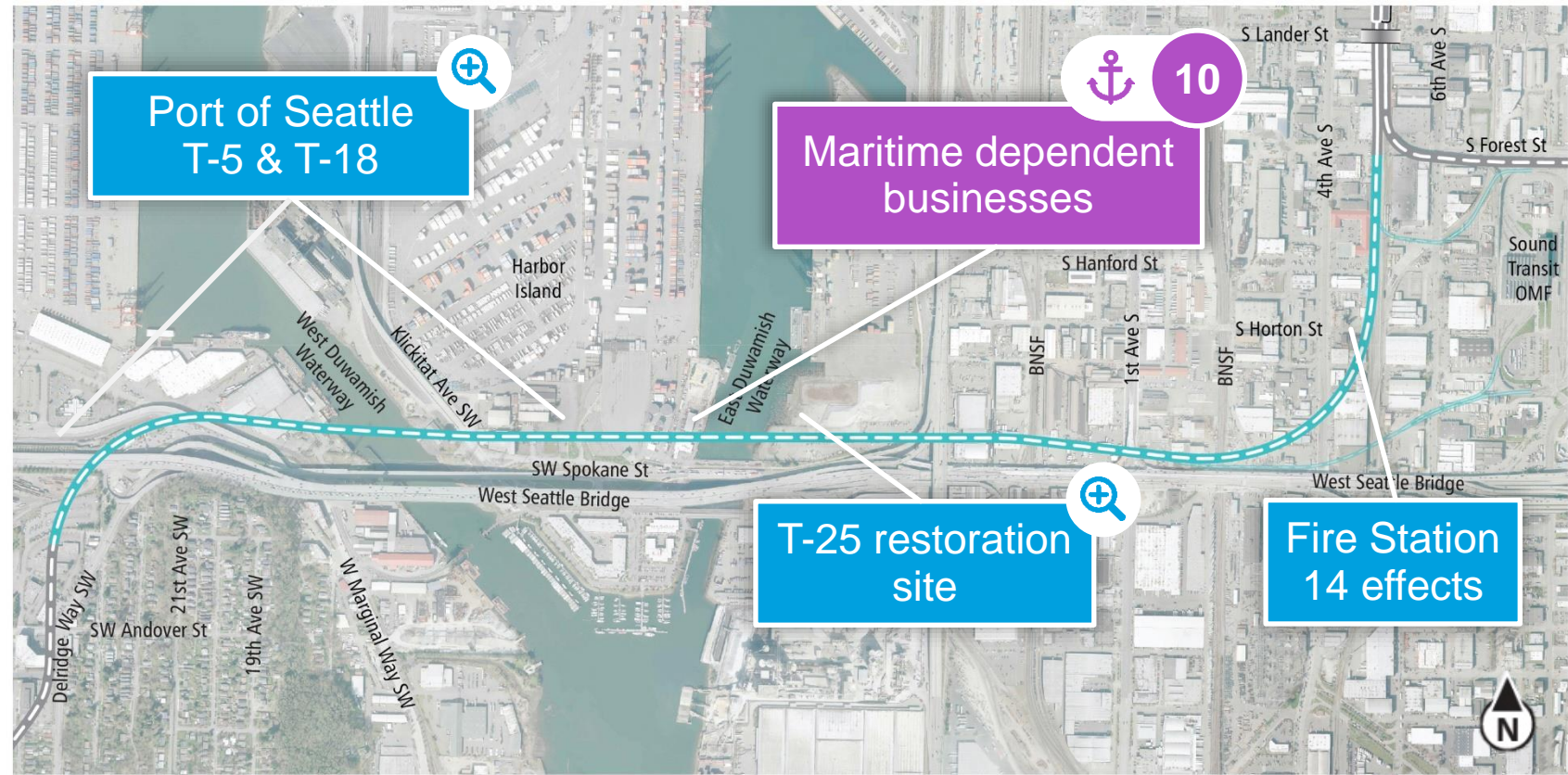
**Project cost**  
(2019\$ in billions) **\$1.5B**

**Residential displacements** **none**



**Business displacements** **38**

**Park effects (permanent)** **none**

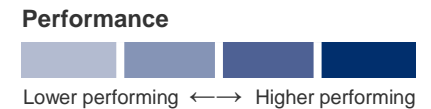
**Other considerations**



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	South Crossing Alternative	South Edge Crossing Alignment Option	North Crossing Alternative
<b>Project cost</b> (2019\$ in billions) 	\$1.2B	\$1.3B	\$1.5B
<b>Residential displacements</b> 	26 units	26 units	none
<b>Business displacements</b> 	36	29	38
<b>Maritime Business displacements</b> 	3	5	10
<b>Park effects</b> (permanent) 	1.5 acres	1.9 acres	none
<b>Other considerations</b> 	Pigeon Point constructability BNSF bridge constructability	Pigeon Point constructability In-water columns necessary Marinas	Port of Seattle T-5 & T-18 T-25 restoration site Fire Station 14 effects

The above information is for illustration only. Please refer to DEIS for further detail.

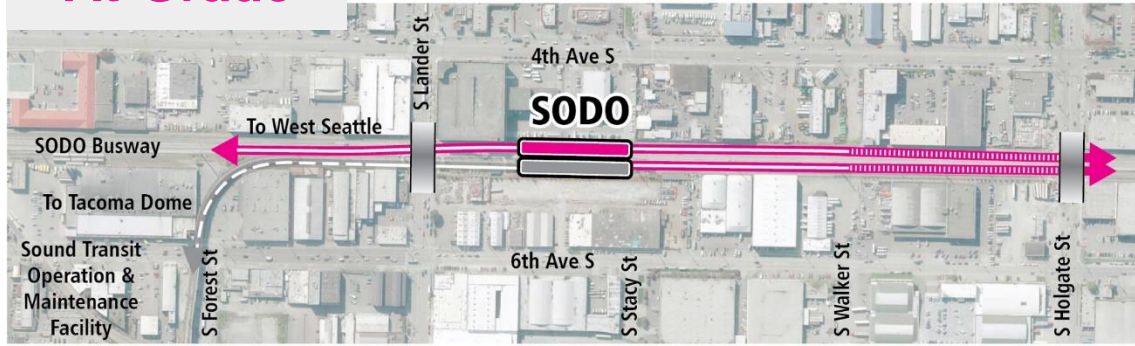


# Draft EIS alternatives

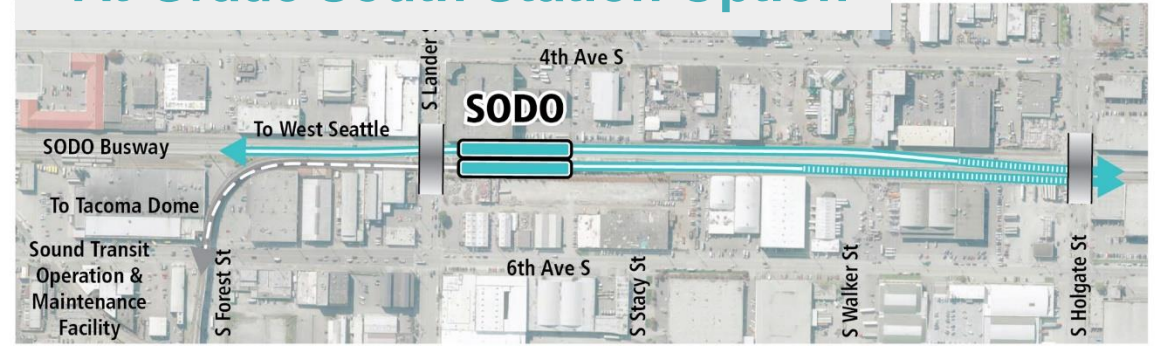




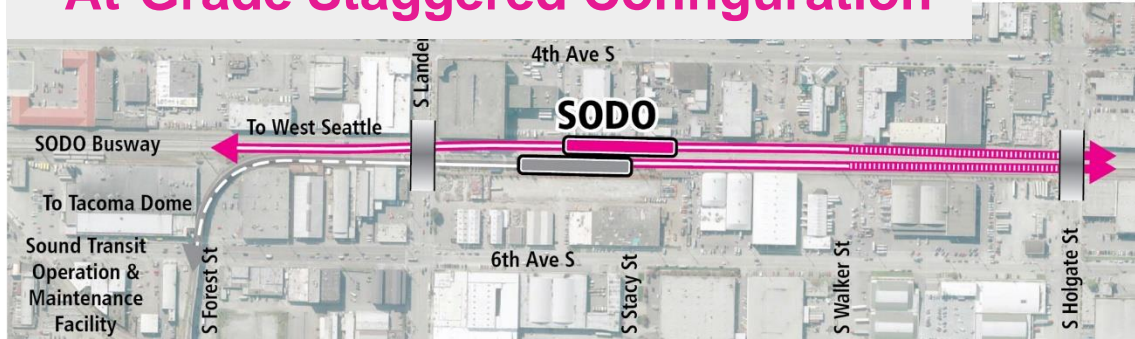
## At-Grade



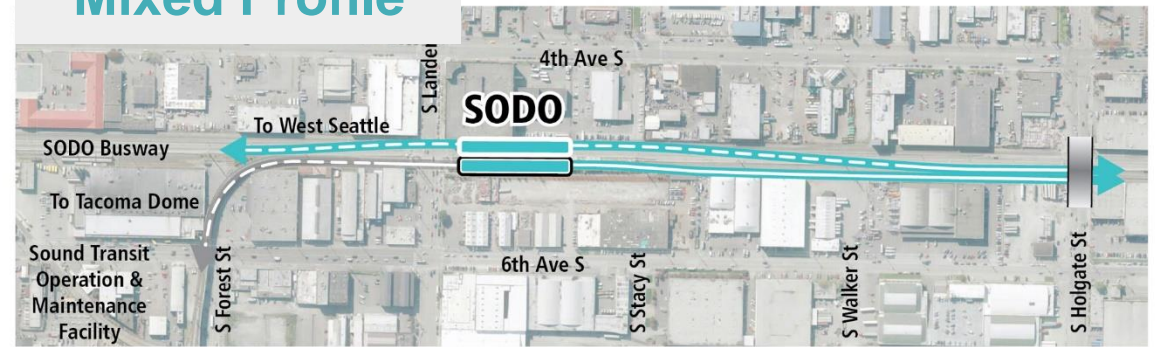
## At-Grade South Station Option



## At-Grade Staggered Configuration



## Mixed Profile








### DRAFT EIS ALTERNATIVES

- █ Preferred alternatives
- █ Other alternatives
- █ Existing Link

### ROUTE AND STATION PROFILES

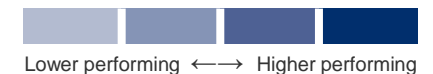
- At-grade
- Retained cut
- Elevated
- Street overpass



	At-Grade	At-Grade Staggered Station Configuration	At-Grade South Station Option	Mixed Profile
<b>Project cost</b>  (2019\$ in billions)	\$0.6-0.7B	\$0.5-0.6B	\$0.6-0.7B	\$0.8B
<b>Business displacements</b> 	20 to 32	19 to 31	17 to 29	23
<b>Transportation effects</b> 	SODO Busway (permanent closure)	SODO Busway (permanent closure)	SODO Busway (permanent closure)	SODO Busway (temporary closure 10 years)
<b>Construction effects</b> 	S. Lander Street closure (2 years)	S. Lander Street closure (2 years)	S. Lander Street closure (3 years)	S. Lander Street closure (nights/weekends)
<b>Other considerations</b> 	Two new grade separated crossings  Connects to CID 4th Shallow, 5th Shallow, 5th Shallow Diagonal and 5th Deep	Two new grade separated crossings  Connects to CID 4th Shallow, 5th Shallow, 5th Shallow Diagonal and 5th Deep  Avoids USPS relocation	Two new grade separated crossings  Connects to all CID alternatives	One new grade separated crossing  Connects to CID 4th Shallow, 5th Shallow and 5th Shallow Diagonal

The above information is for illustration only. Please refer to DEIS for further detail.

Performance



# **Upcoming Community Advisory Groups**

## **Draft EIS, Cost Savings, Refinements**



### **Interbay/Ballard Community Advisory Group**

Tuesday, April 5, 2022 from 5pm to 7pm

### **Downtown Community Advisory Group**

Thursday, April 7, 2022 from 5pm to 7pm

### **West Seattle/Duwamish Community Advisory Group**

Tuesday, April 12, 2022 from 5pm to 7pm

### **CID/SODO Community Advisory Group**

Wednesday, April 13, 2022 from 5pm to 7pm

*Advisory group meetings are livestreamed and recorded.*

*For more information and meeting links, visit: [wsblink.participate.online](https://wsblink.participate.online)*

 *wsblink.participate.online*

 **SOUNDTRANSIT**

