

# ***West Seattle and Ballard Link Extensions: Areas of further study***

*System Expansion Committee*

*11/10/2022*



# *Why we're here today*

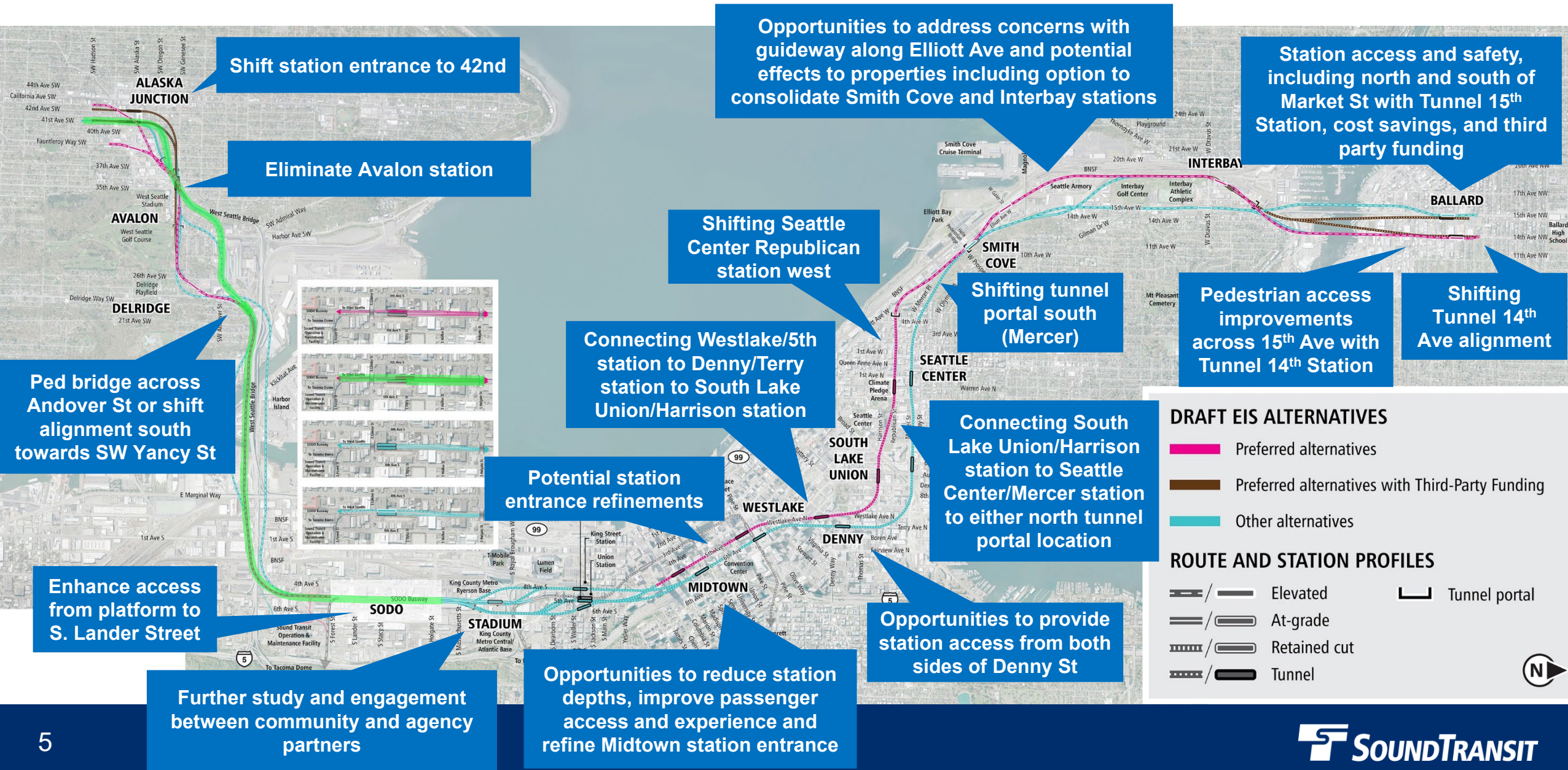
- Status update on areas of further study
- SODO station
- No action today

## ***Motion No. M2022-57***

Confirms or modifies the preferred light rail route and station locations for the West Seattle and Ballard Link Extensions Final Environmental Impact Statement and requesting **further studies in some areas** to inform potential additional future Board action to confirm or modify the Preferred Alternative.

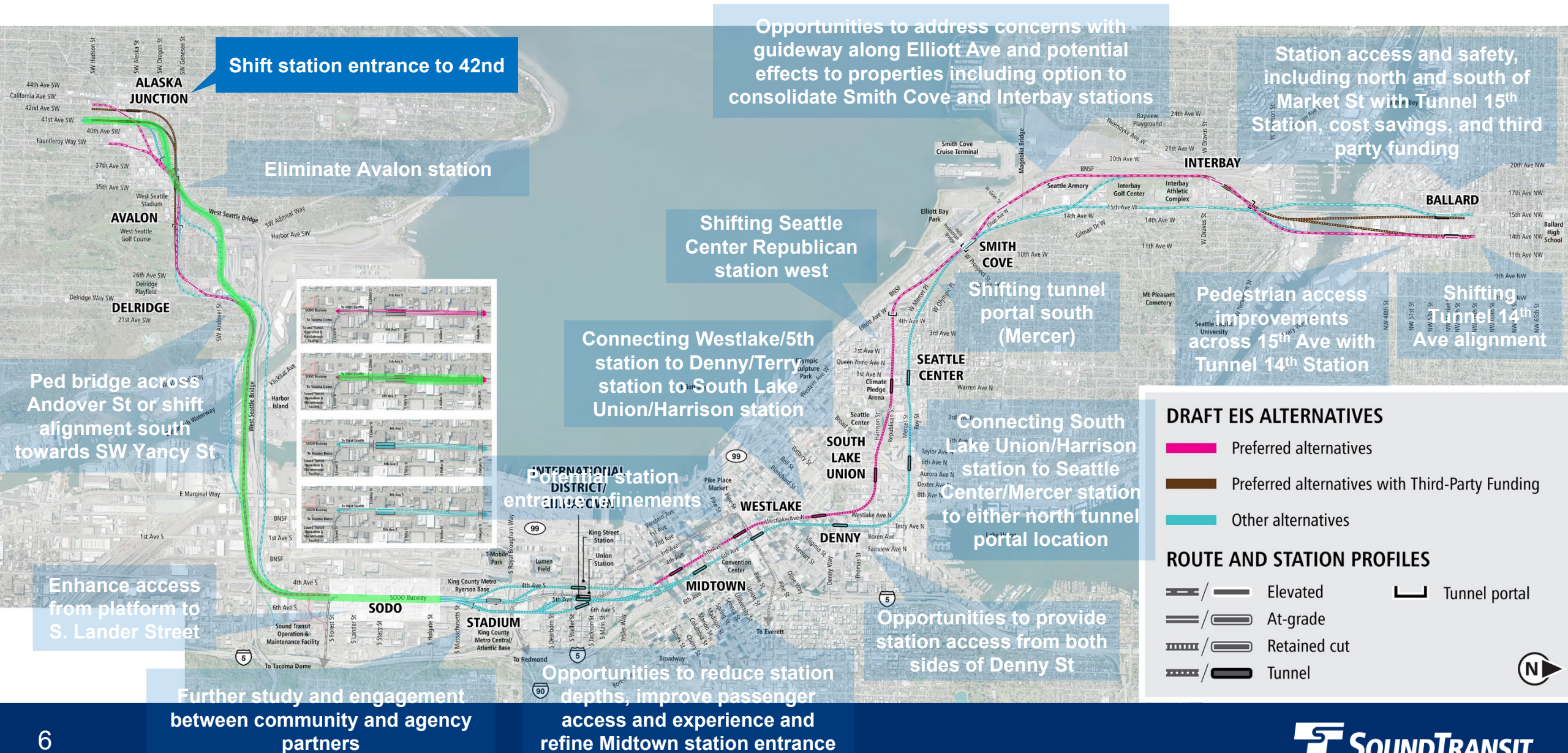
***Further Studies***

# Areas of Further Study

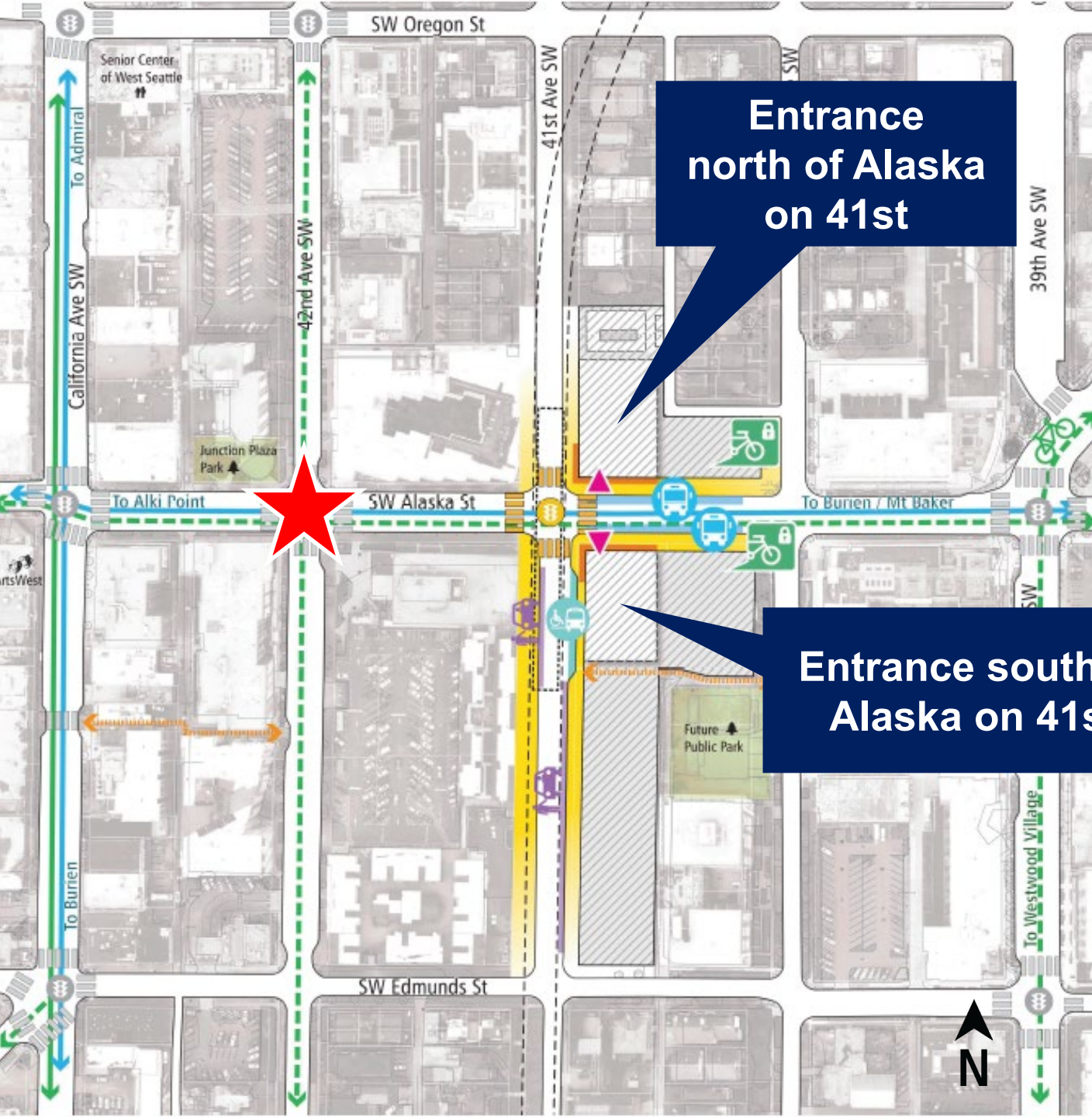




# Areas of Further Study







Entrance  
north of Alaska  
on 41st

Entrance south of  
Alaska on 41st

# *Medium Tunnel 41st*

## *Draft EIS Alternative*

← Shift station entrance  
to 42nd



# *Medium Tunnel 41st*

## *Draft EIS Alternative*

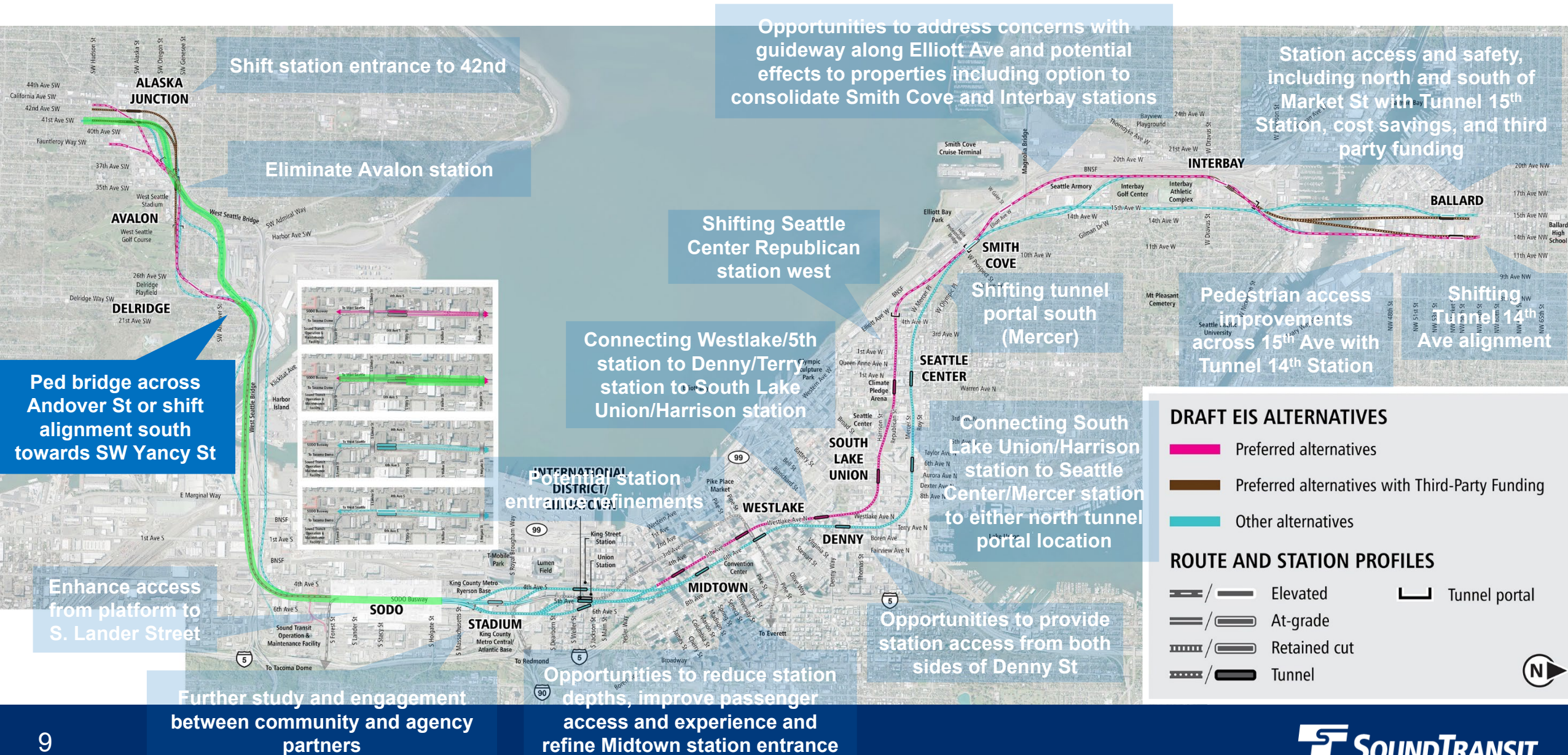
← Shift station entrance  
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### Status

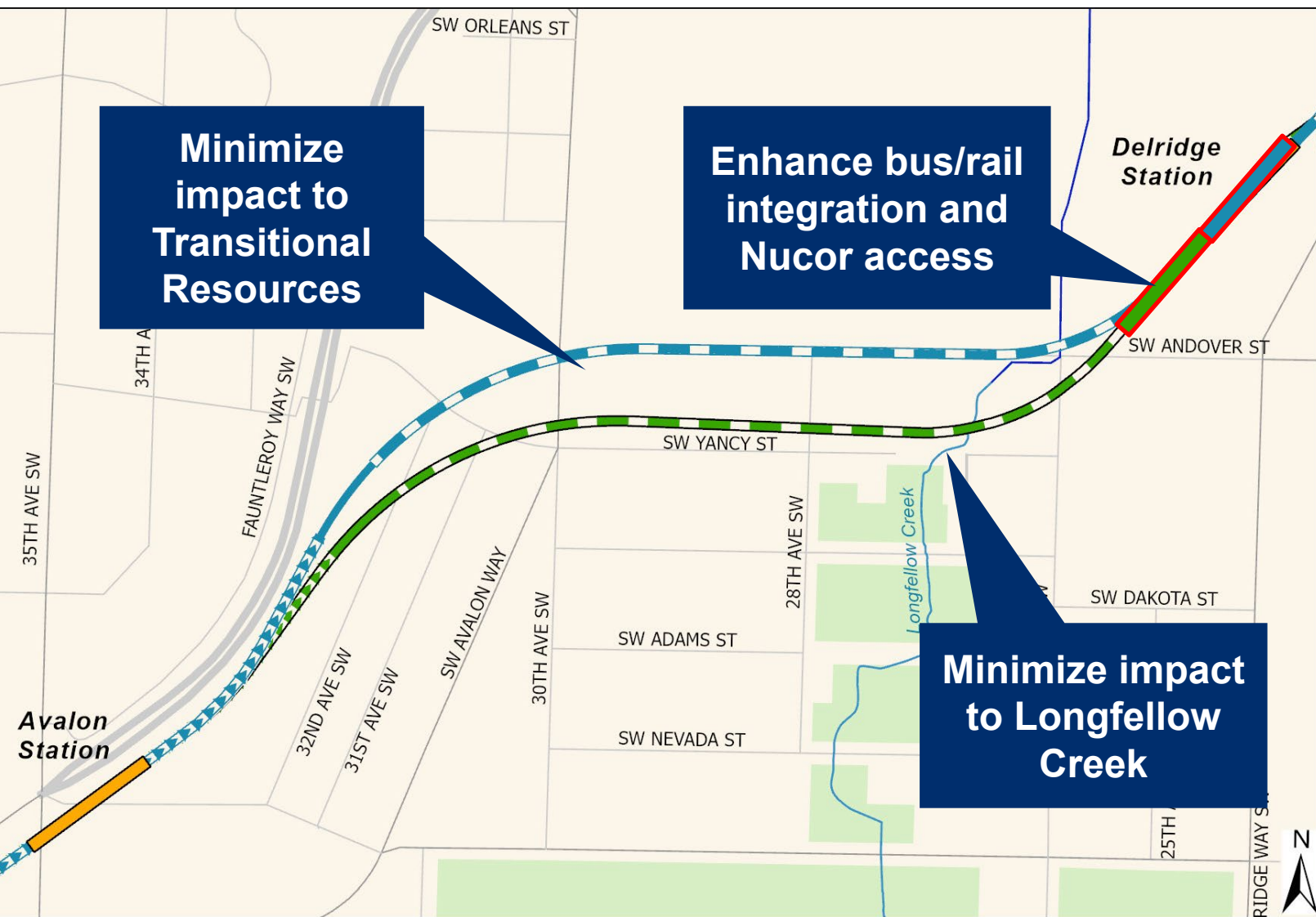
1. Study overview
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5. Summarize results



## *Areas of Further Study*







# Andover Station refinement

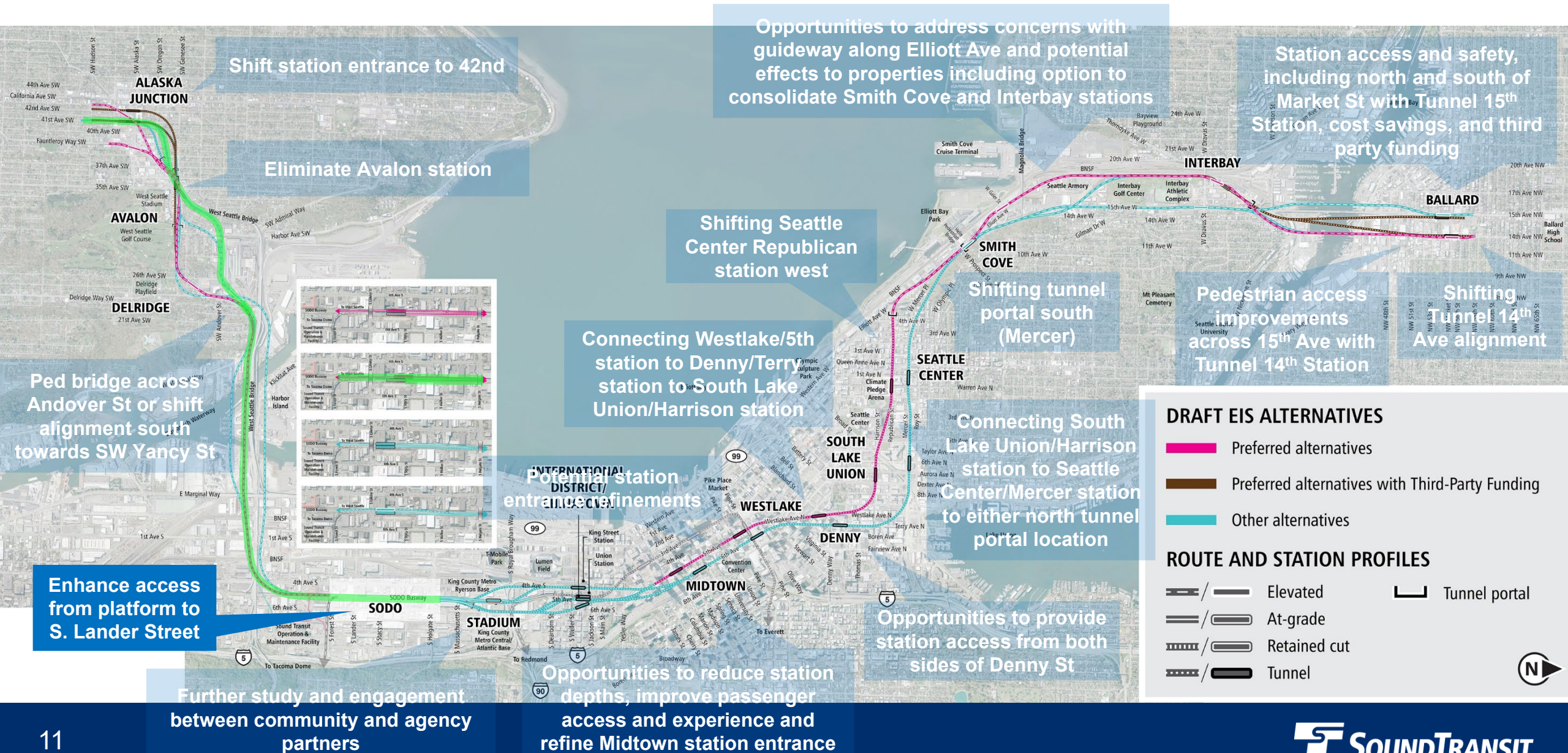
↓ Shift station and alignment south

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# Areas of Further Study





**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



# CID Engagement Process

## WHAT COULD THIS PROCESS LOOK LIKE?

Iterative, facilitated, and responsive process adapts as needed to serve community

**Oct. 13, 2022**

### Open House

- Context and Value
- How we got here
- Community informs process and scope of studies



**Nov. 2, 2022**

### Workshop 1: Options

- Bring forward and evaluate
- Breakout groups
- Explore challenges and opportunities and identify refinements



**Nov. 16, 2022**

### Workshop 2: Tradeoffs

- Discuss tradeoffs and refine options



**Dec. 14, 2022**

### Workshop 3: Key Issues

- Problem solving around key issues for each option
- Discussion of mitigation measures



**Jan. 5, 2022**

### Workshop 4: Summary

- Bring it all together and get feedback on direction for Sound Transit Board



**February**

### Sound Transit Board: Status Report



*Process informed by CID Engagement Toolkit and discussions with community*

### Key Questions

- What hasn't worked with previous engagement?
- What does a transparent process look like?
- What would you like to see in the process?
- Would you like a facilitator?

## SUPPORTING THE PROCESS

General awareness building including media, social media posts, ethnic media

Interagency and consultant work

Optional small group, topic specific meetings (potential continuation of virtual breakout groups, focus groups, etc.)

Resident and business owner outreach with Community Liaisons

**Targeted Level of Community Engagement: Involve**  
We will aim to engage at a Collaborate level wherever possible.



**Shift station entrance to 42nd**

**Eliminate Avalon station**

**Ped bridge across Andover St or shift alignment south towards SW Yancy St**

**Enhance access from platform to S. Lander Street**

**Further study and engagement**

**Potential station entrance refinements**

**Connecting Westlake/5th station to Denny/Terry station to South Lake Union/Harrison station**

**Shifting Seattle Center Republican station west**

**Connecting South Lake Union/Harrison station to Seattle Center/Mercer station to either north tunnel portal location**

**Opportunities to reduce station depths, improve passenger**

**Opportunities to address concerns with guideway along Elliott Ave and potential effects to properties including option to consolidate Smith Cove and Interbay stations**

**Station access and safety, including north and south of Market St with Tunnel 15th Station, cost savings, and third party funding**

**Shifting tunnel portal south (Mercer)**

**Pedestrian access improvements across 15th Ave with Tunnel 14th Station**

**Shifting Tunnel 14th Ave alignment**

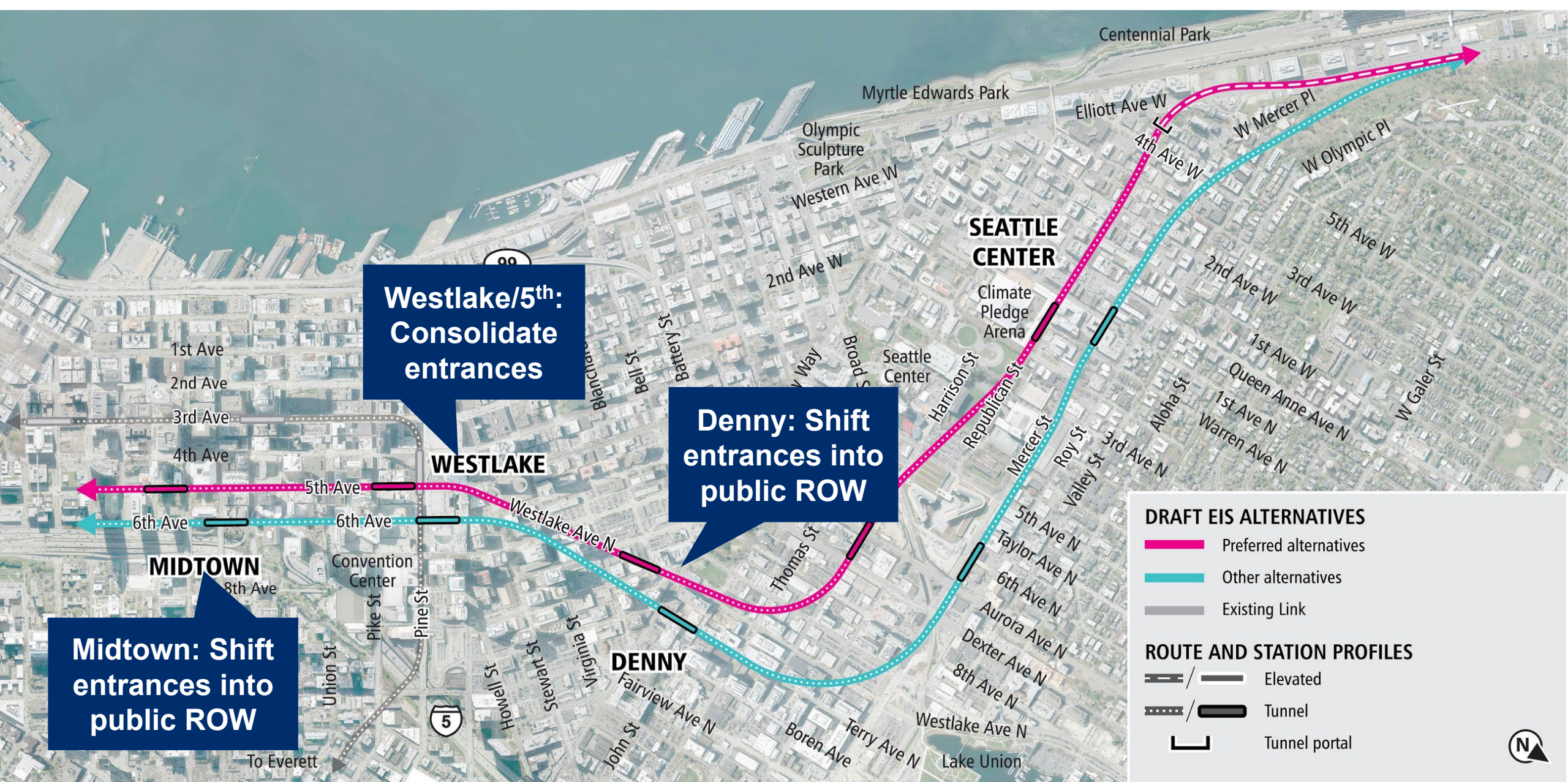
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**ROUTE AND STATION PROFILES**

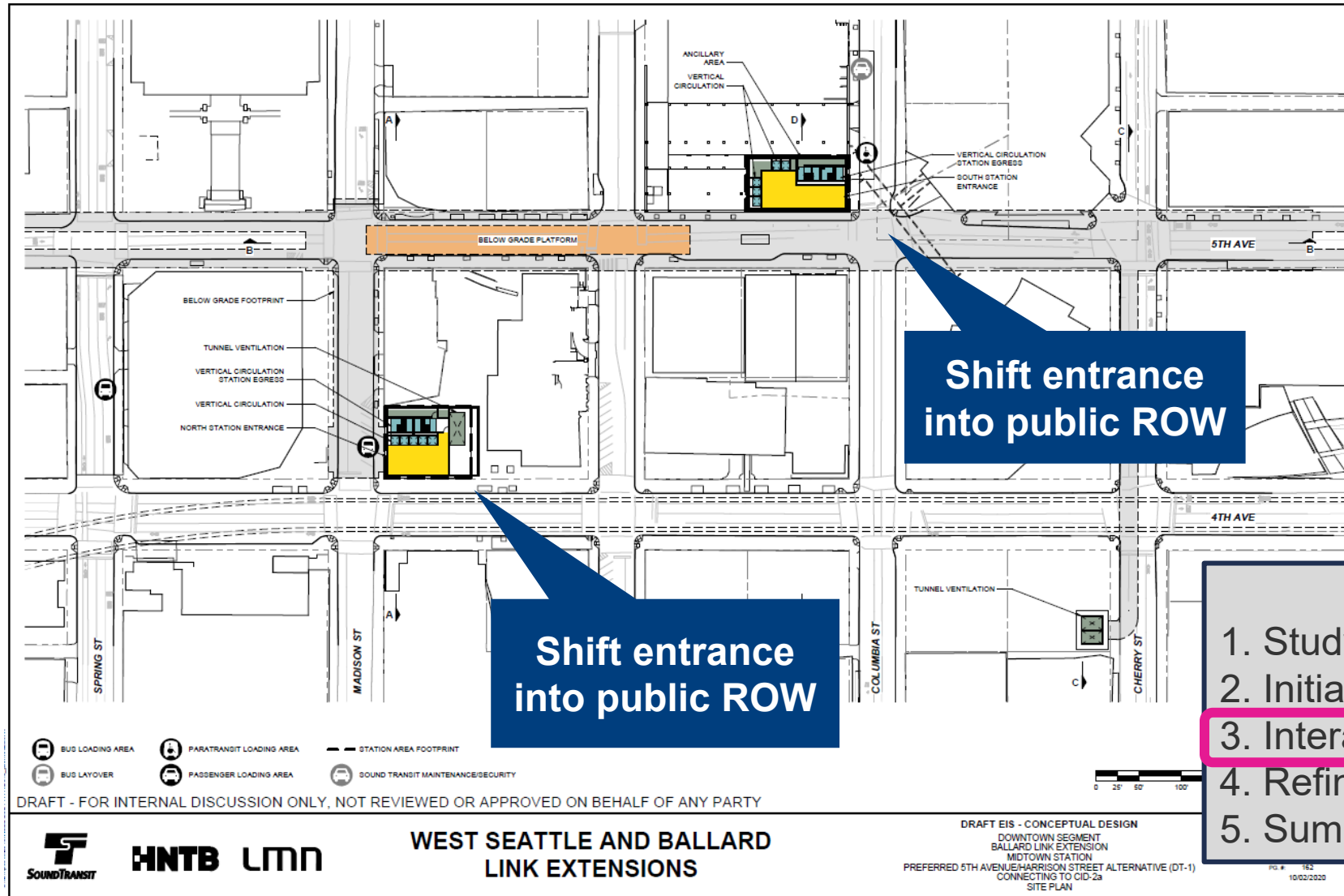
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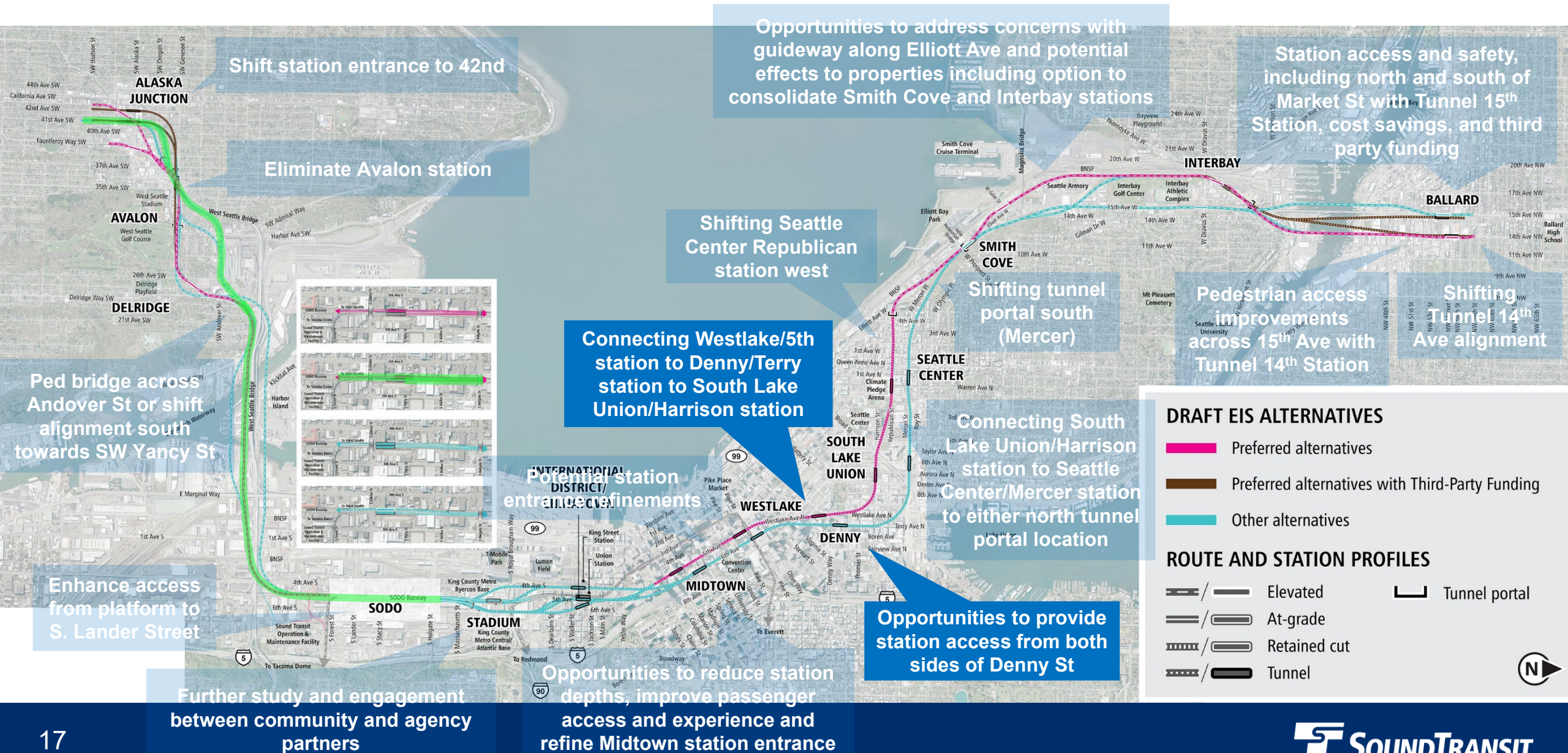


# Midtown Station – 5th Avenue





# Areas of Further Study

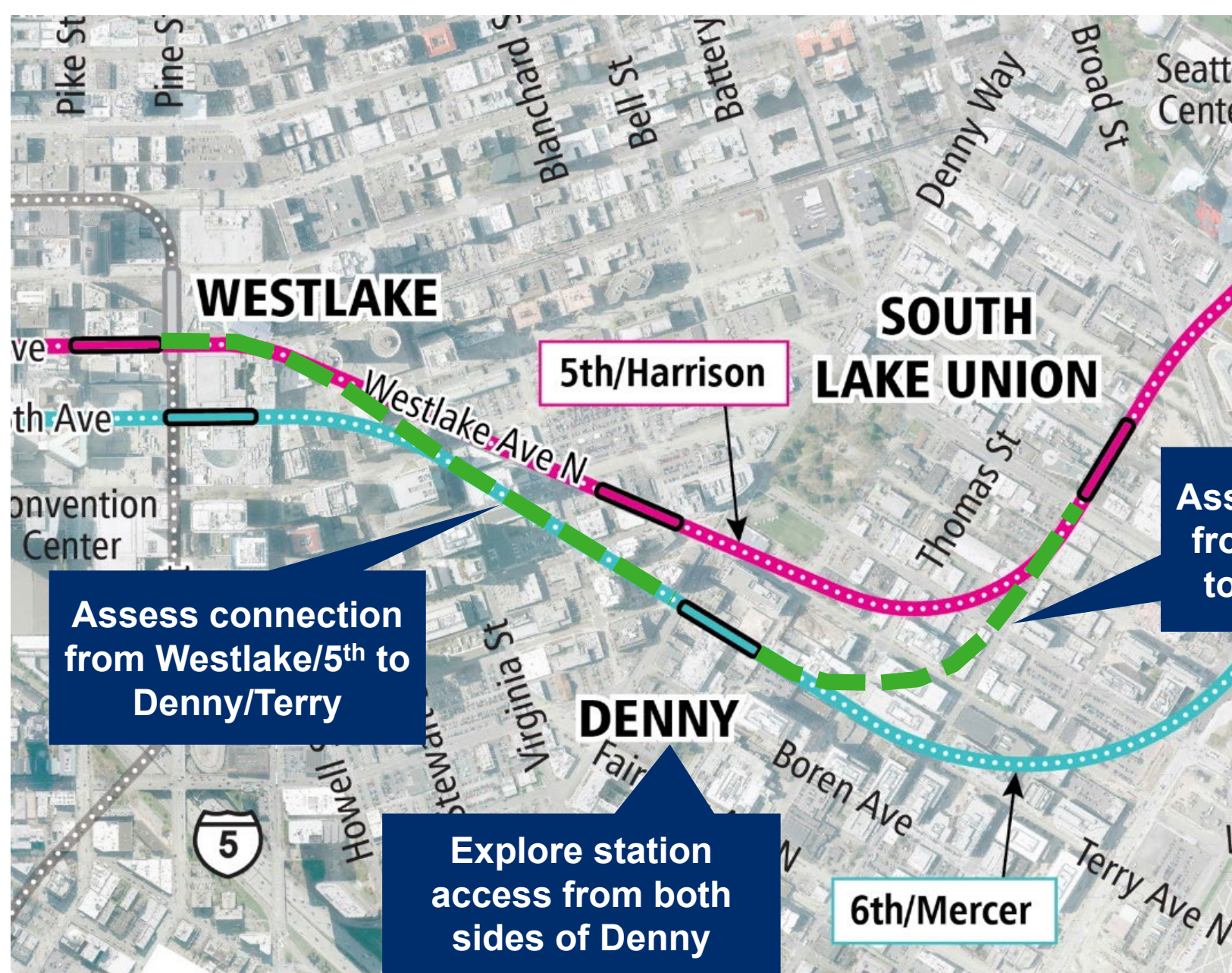




# *Mix-and-match*

## *Westlake to Denny*

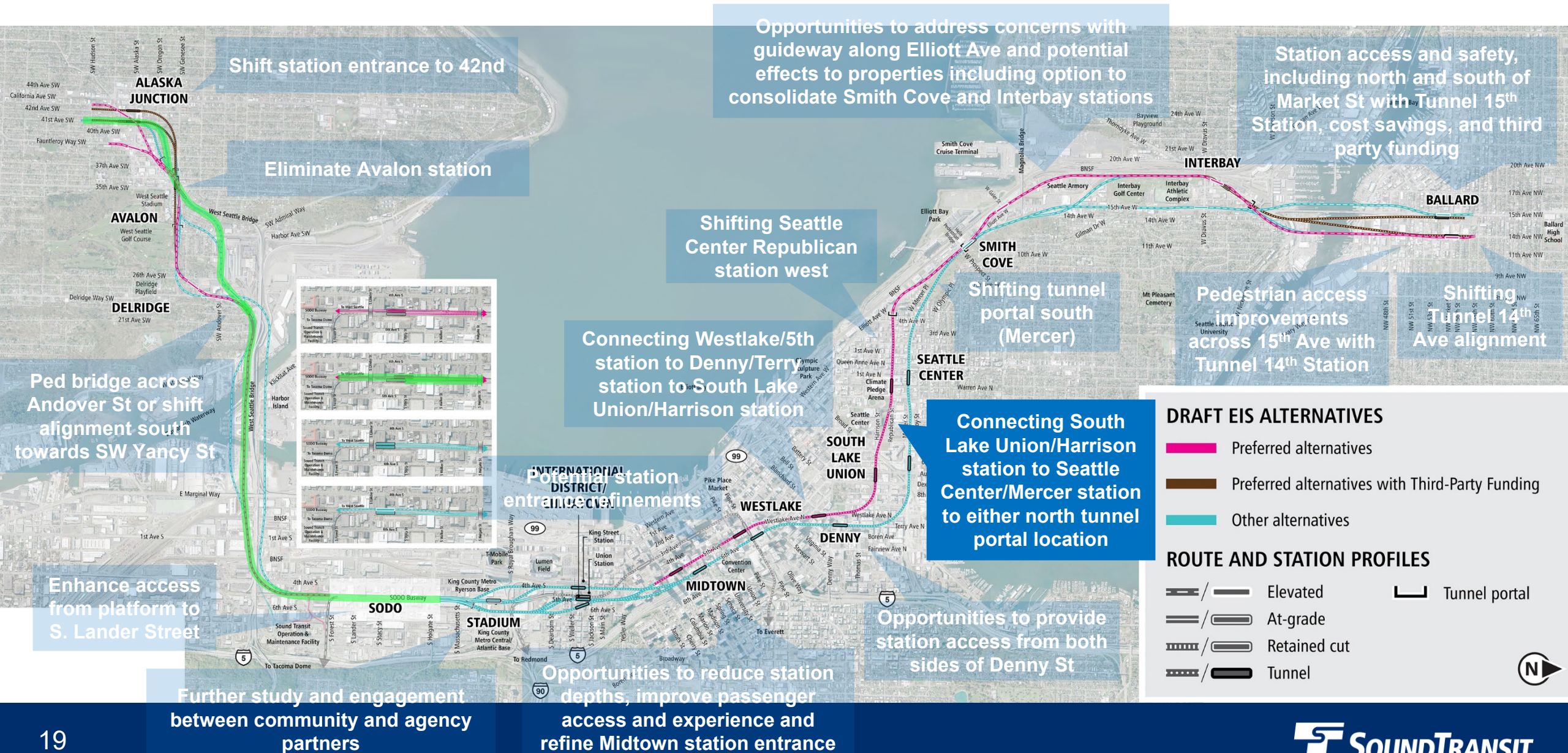
### *to SLU*



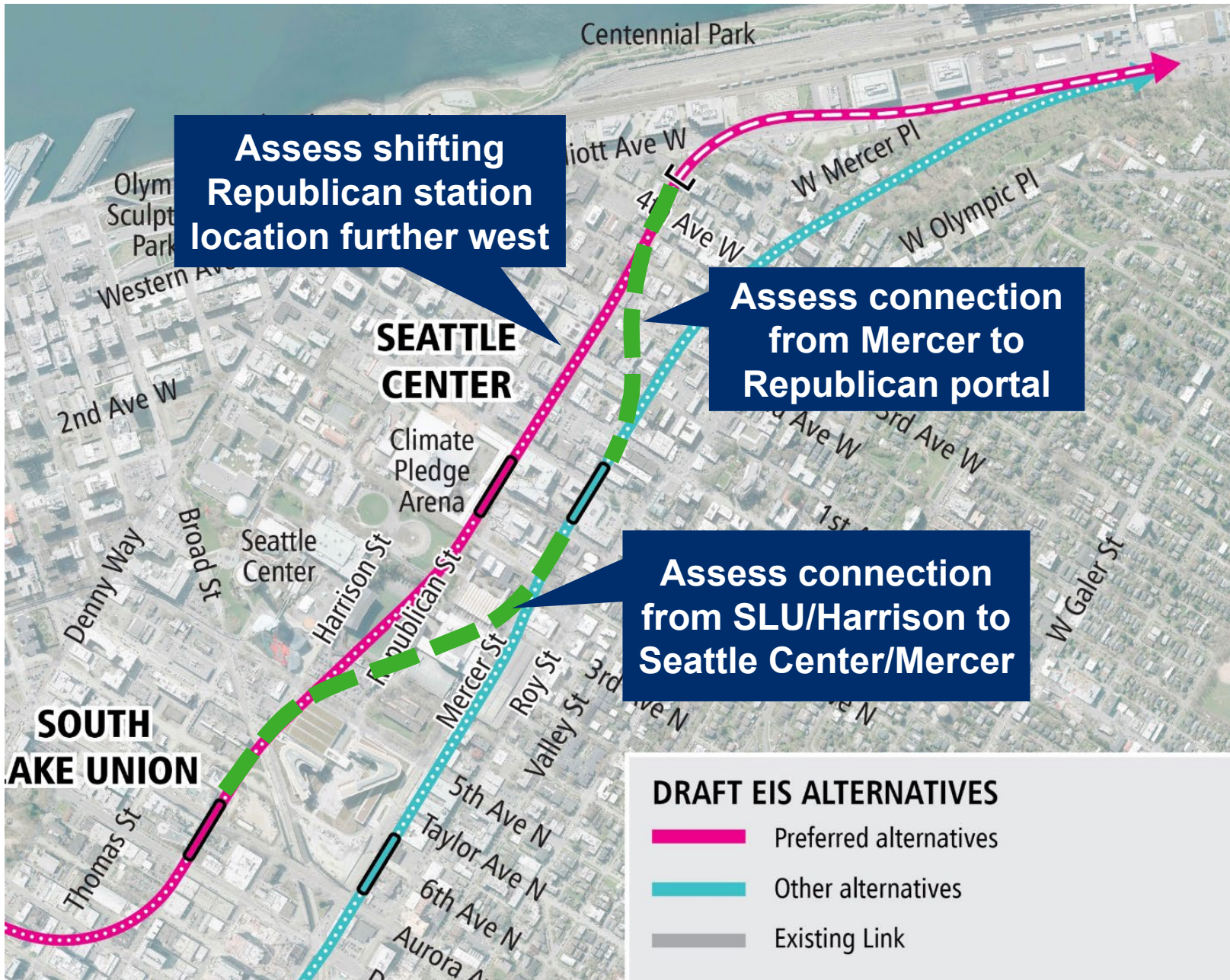
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# Areas of Further Study







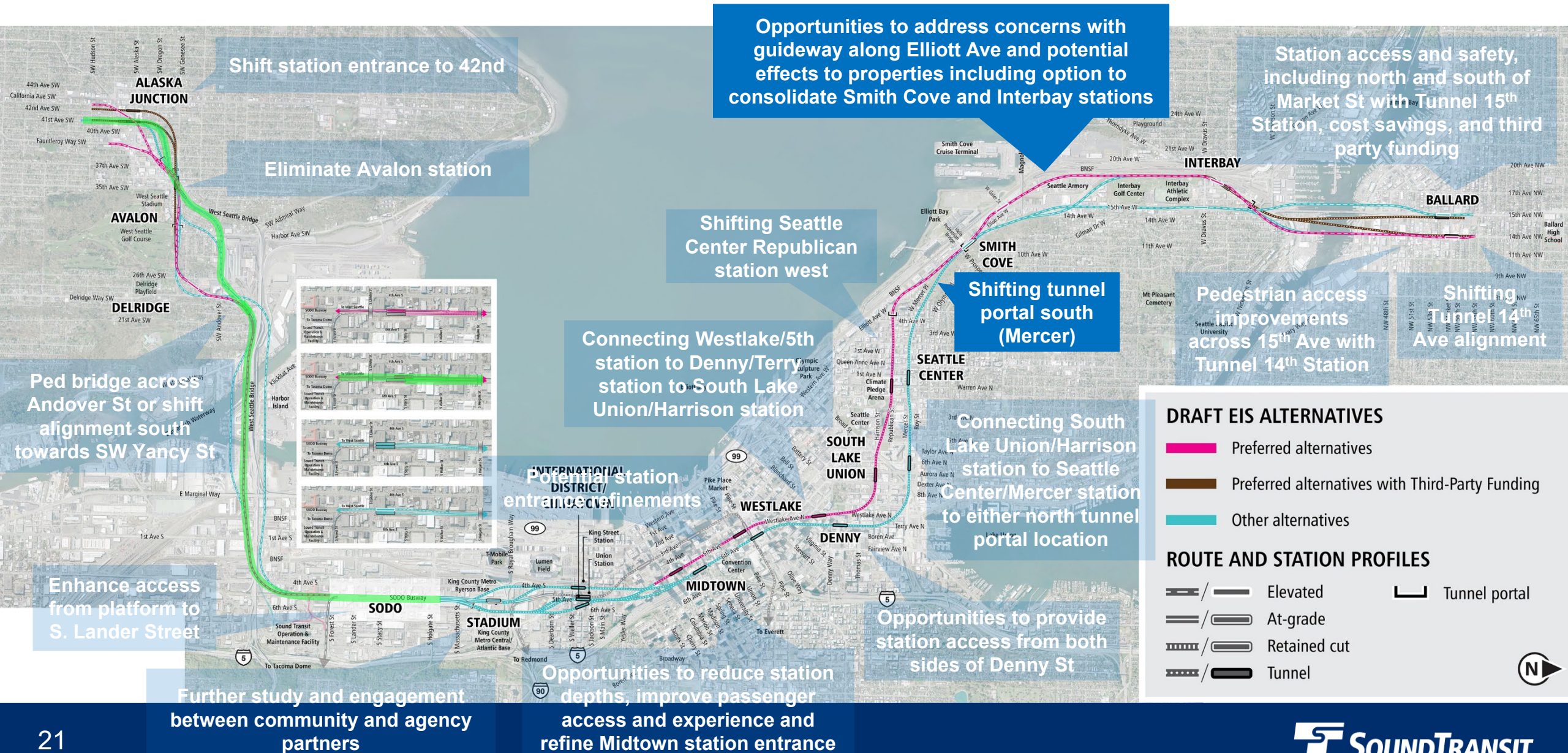
# *Mix-and-match SLU to Seattle Center*

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# Areas of Further Study





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Reduce traffic, visual and future wastewater facility effects

Reduce risks associated with steep slopes, park effects, noise compliance

Reduce effects to proposed Storm practice facility, SCL substation and businesses

### DRAFT EIS ALTERNATIVES

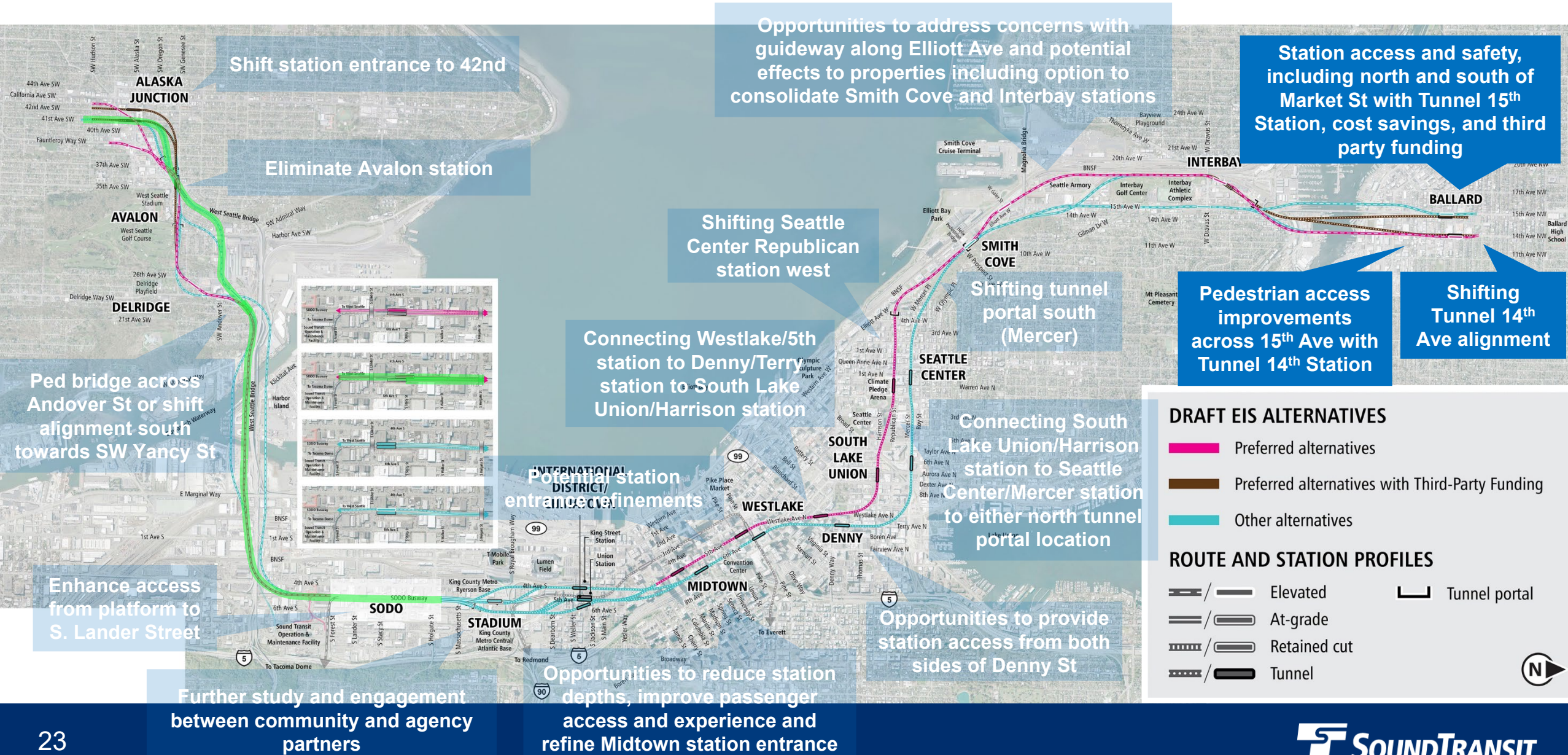
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## *Areas of Further Study*





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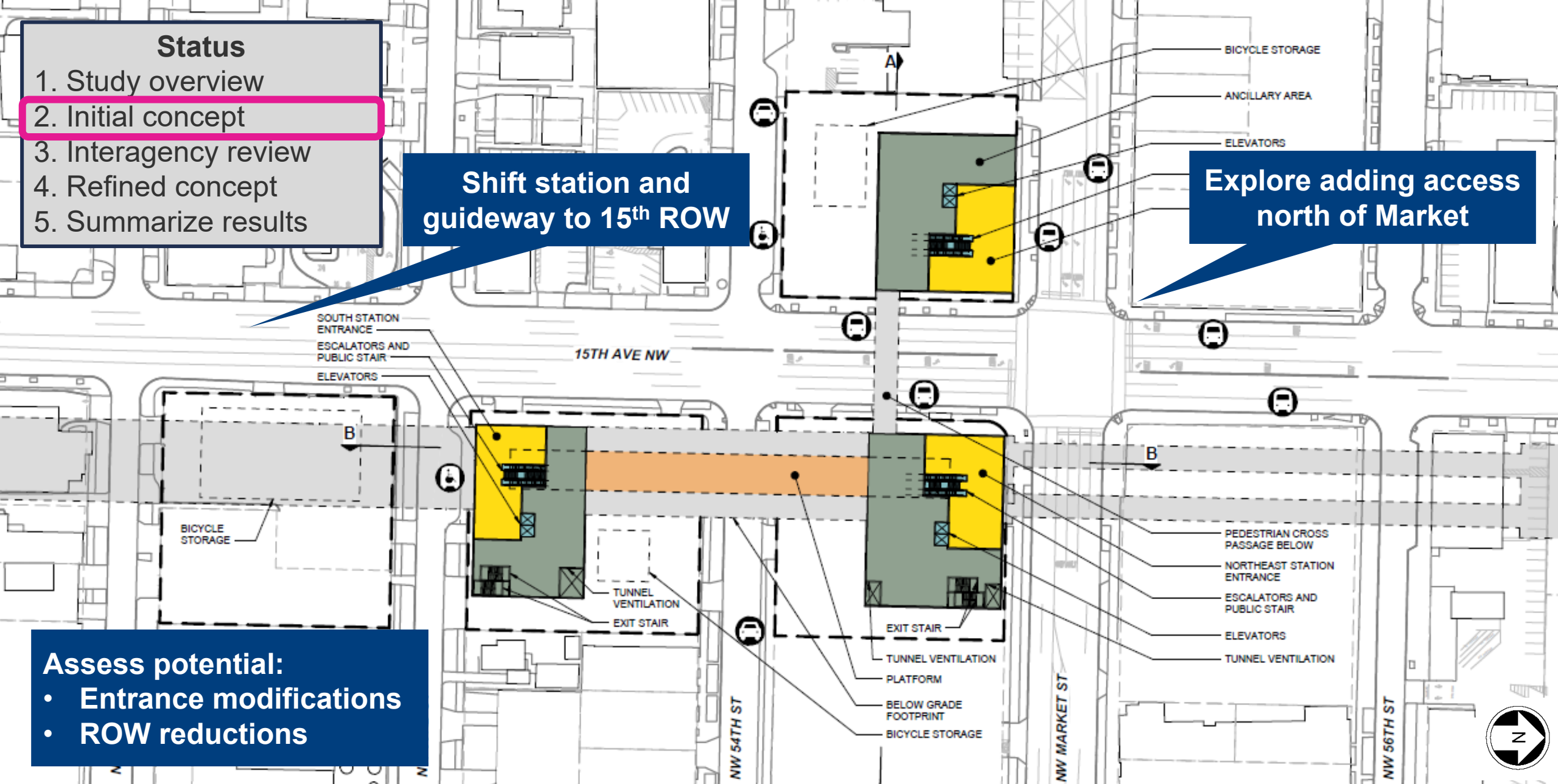
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Shift station and  
guideway to 15<sup>th</sup> ROW

Explore adding access  
north of Market

## Assess potential:

- Entrance modifications
- ROW reductions





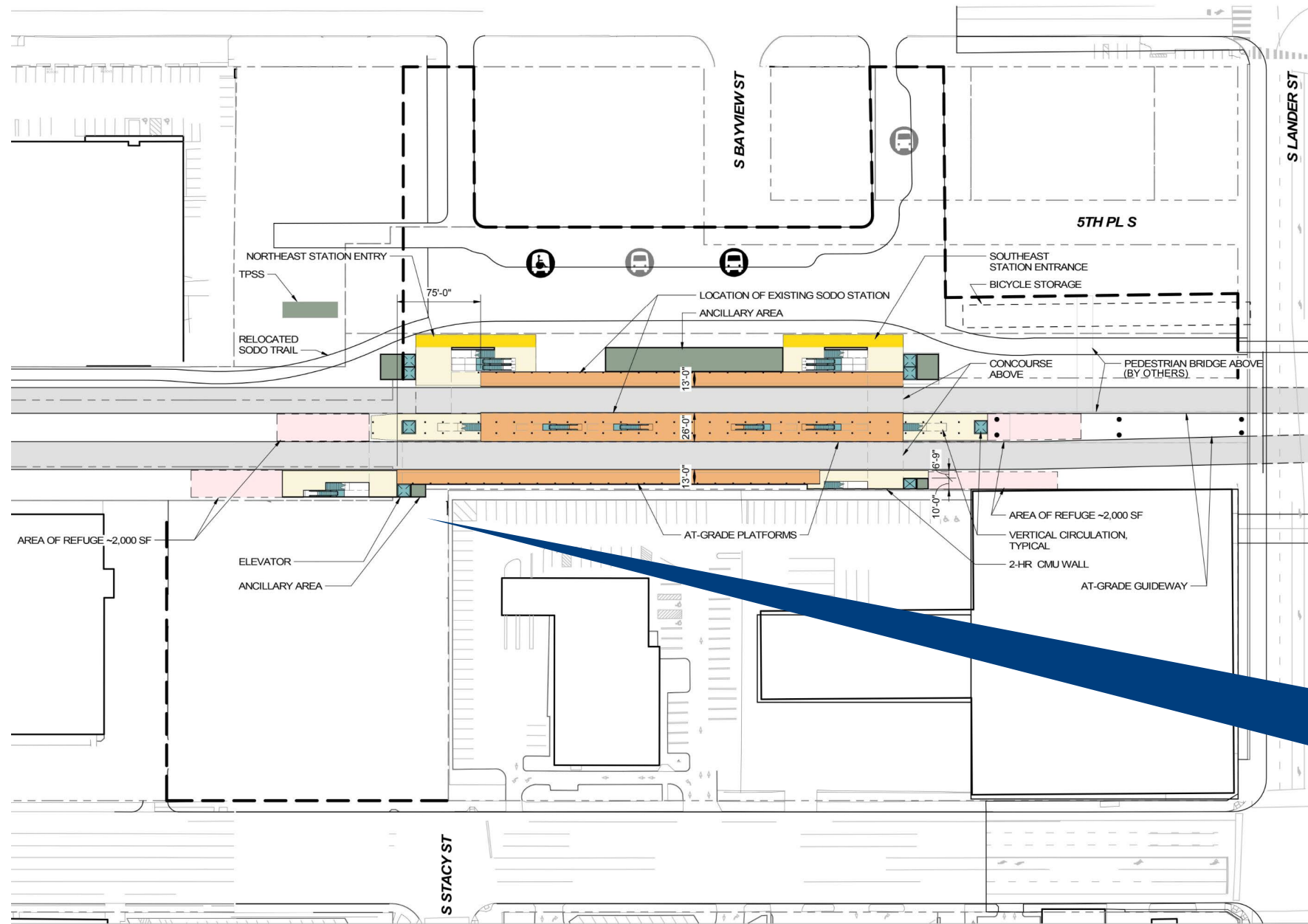
***SODO station***



# SODO-1A (Staggered)

## Refinements

↓ Minimize  
property effects



West entrance removed  
and vertical circulation  
adjusted to minimize effect  
to Pacific Iron property

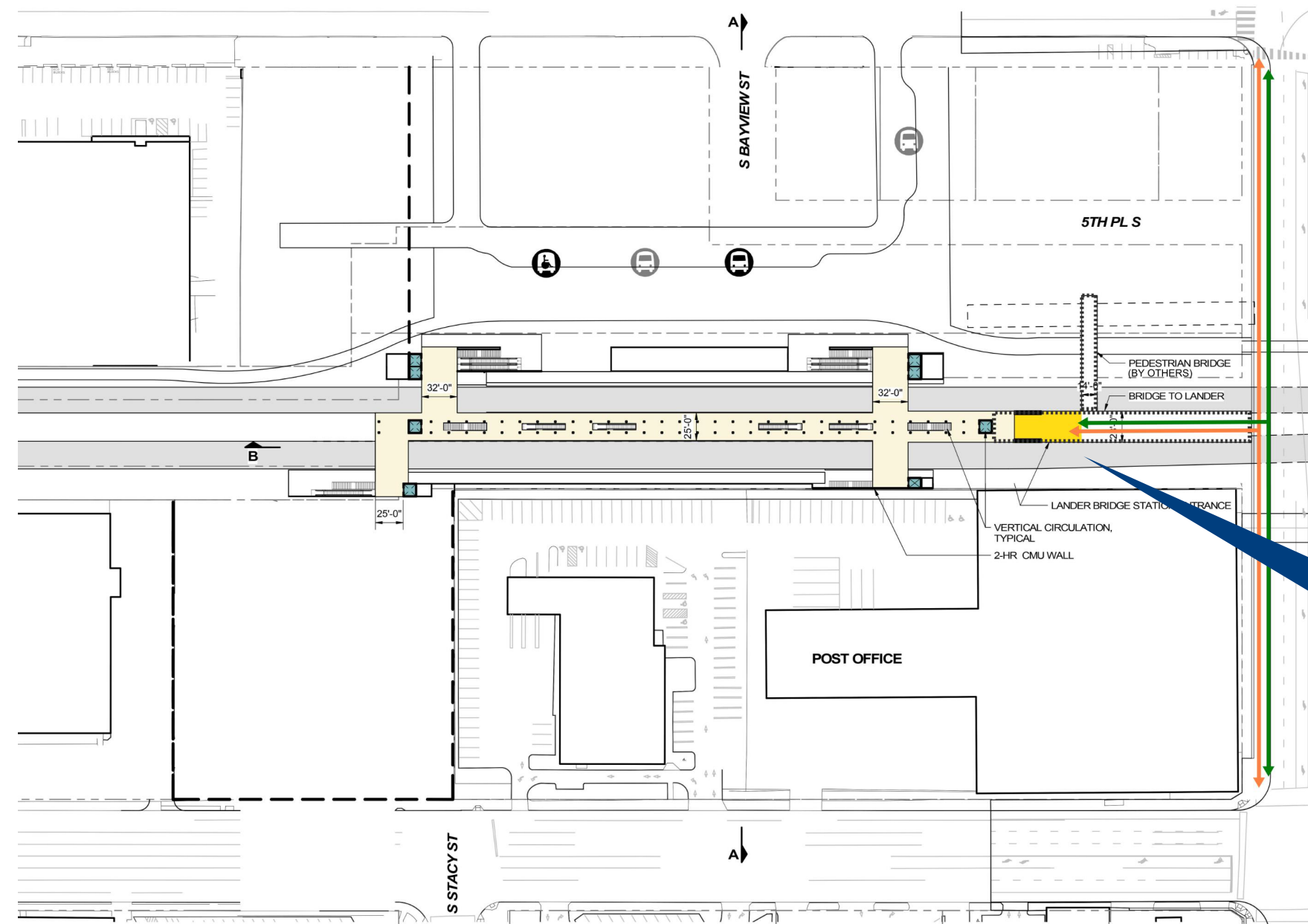


# SODO-1A (Staggered)

## Refinements

Station access  
to Lander

Added elevated pedestrian  
connection from station  
mezzanine to new S.  
Lander Street overpass





# *Upcoming Board briefings*



# *Upcoming Board briefings*



**February 2023:**

Status report on areas of further study



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