

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

System Expansion Committee

1/12/2023



Why we're here today

- Further Studies process preview
- Overview of areas of Further Study
- 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.

July Board request for Further Studies updates

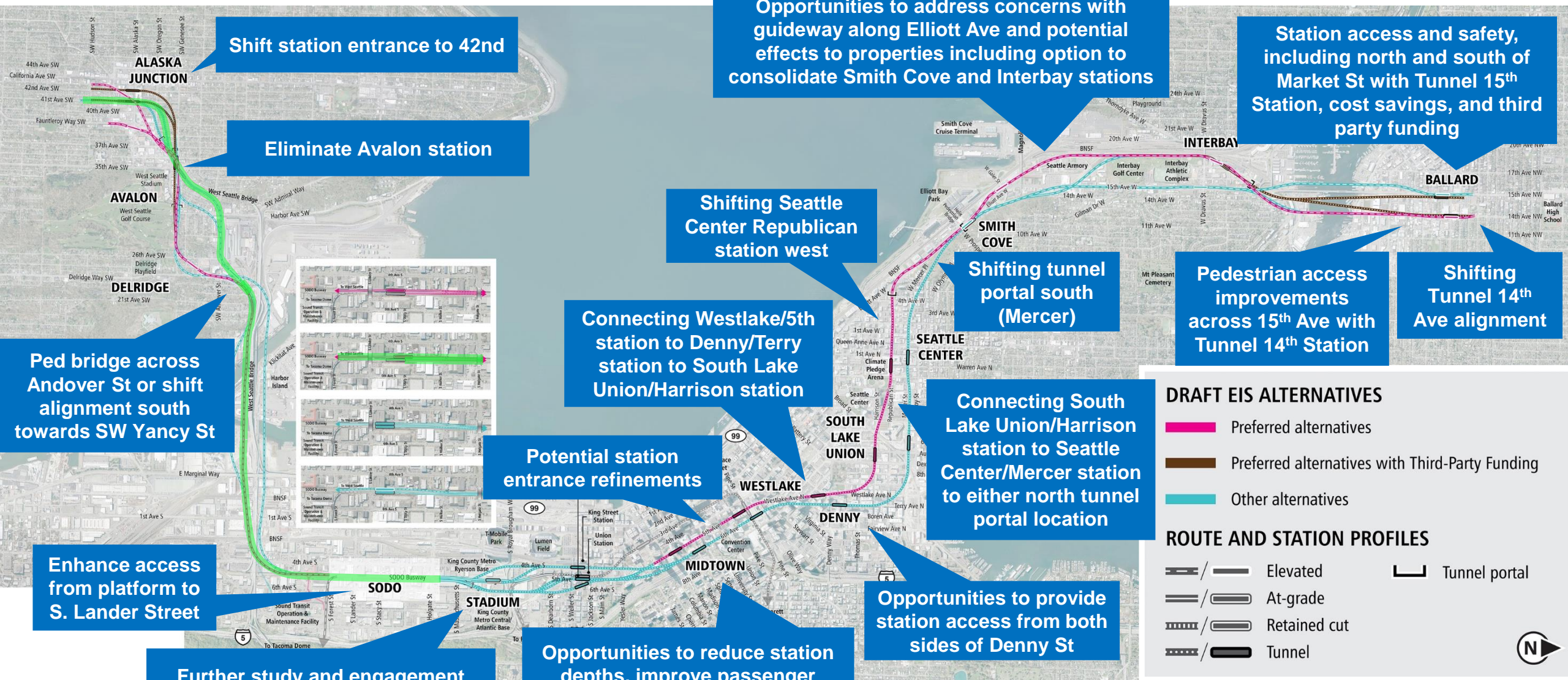
- Sep 2022: SODO station resolution
- Sep/Oct 2022: CID station engagement update
- Nov 2022: Status update on areas of further study
- Feb 2023: Status report on areas of further study

Further Studies – Board process

- Jan 12, SEC: Further Studies process preview
- Jan 26, Board: Further Studies results overview
 - Jan 26 – Feb 17: Gather additional community feedback*
- Feb 9, SEC: Further Studies results deeper dive
- Feb 23, Board: Community feedback summary
- Mar 9, SEC: Recommendation to Board
- Mar 23, Board: Board action on Further Studies

Further Studies

Areas of Further Study



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 between community and agency partners

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 Seattle Center Republican station west

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

Potential station entrance refinements

Opportunities to reduce station depths, improve passenger access and experience and refine Midtown station entrance

Shifting tunnel portal south (Mercer)

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

Opportunities to provide station access from both sides of Denny St

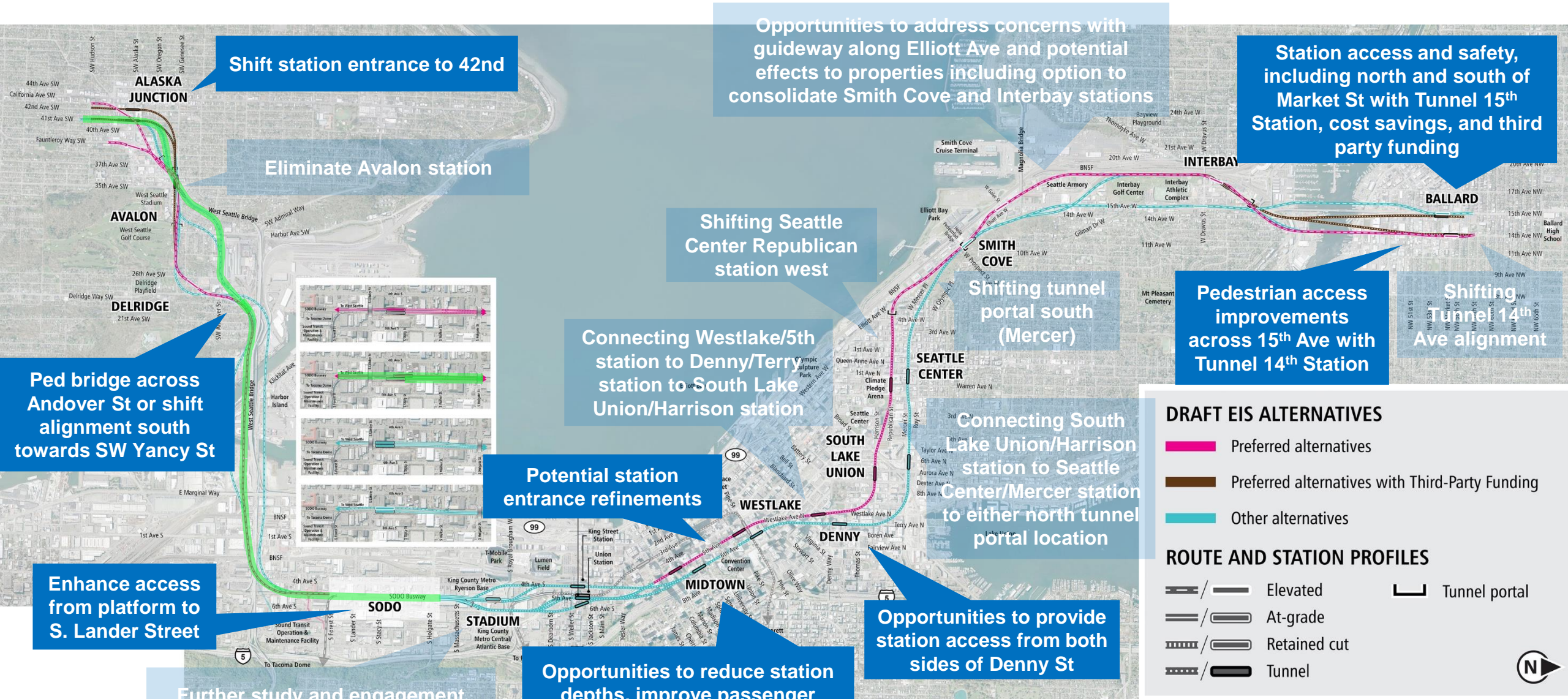
Pedestrian access improvements across 15th Ave with Tunnel 14th Station

Shifting Tunnel 14th Ave alignment

- 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

Further Studies: Station Entrance Refinements



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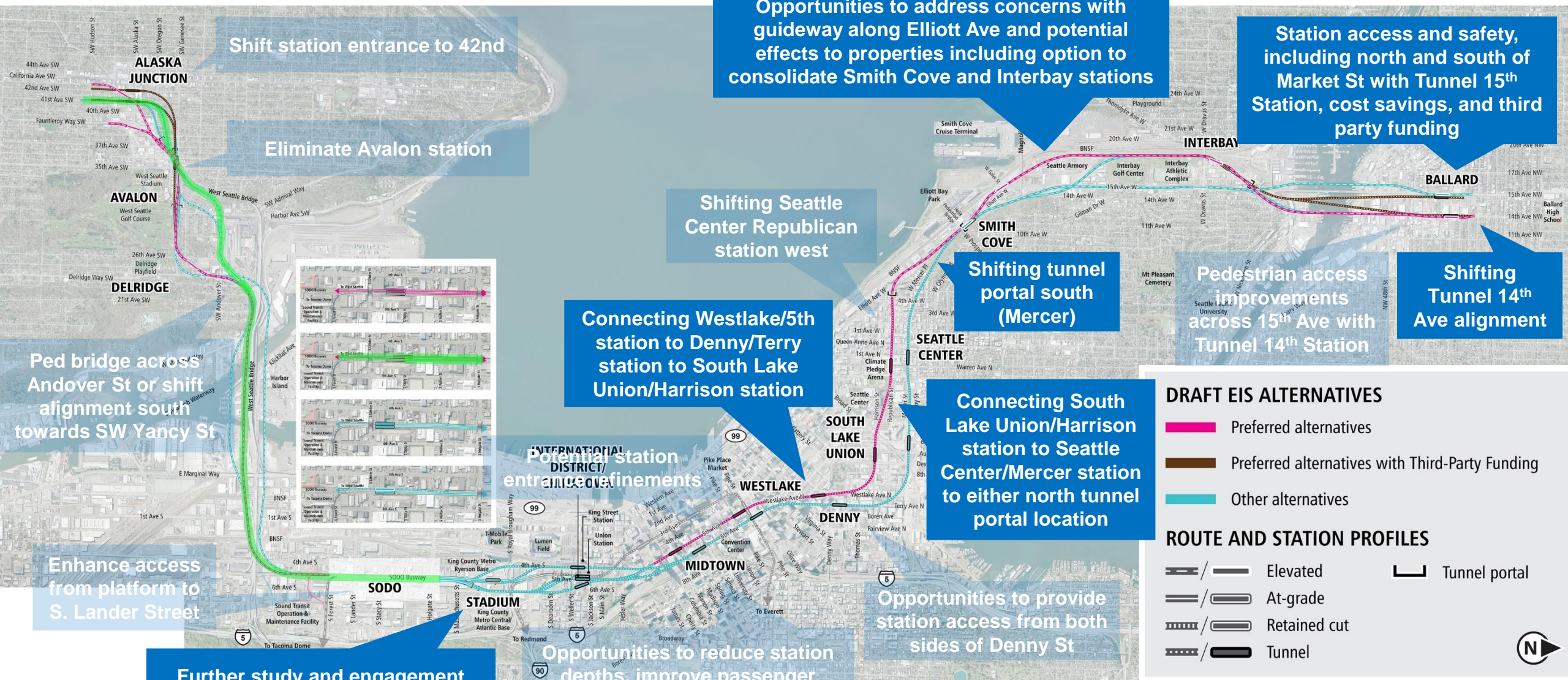
Further Studies: Station Entrance Refinements

Objective: improve passenger access, reduce costs

Elements of study:

- Technical feasibility
- Passenger experience
- Access and TOD opportunities
- Environmental effects (displacements, construction, traffic)
- Cost implications

Further Studies: Alignment Refinements



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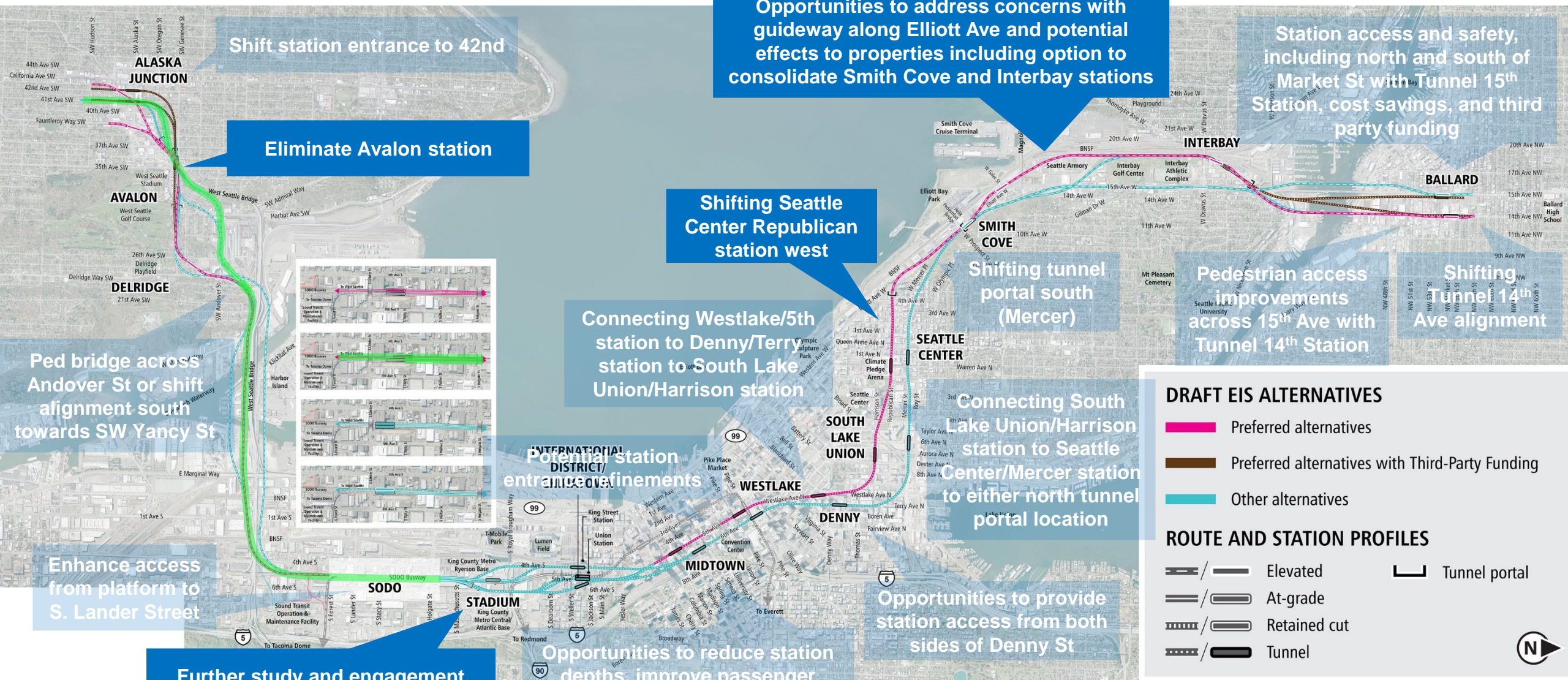
Further Studies – Alignment Refinements

Objectives: minimize impacts, maximize community benefits

Elements of study:

- Technical feasibility
- Environmental effects (displacements, construction, traffic)
- Cost implications

Further Studies: Station Location Refinements



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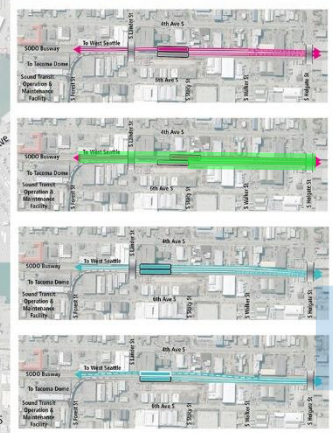
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Upcoming Board briefings

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January 26, 2023:

Further Studies results overview

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