

Ballard Link Extension

*Feasibility study of potential additional
alternative in South Lake Union*

Mercer Corridor Group Briefing

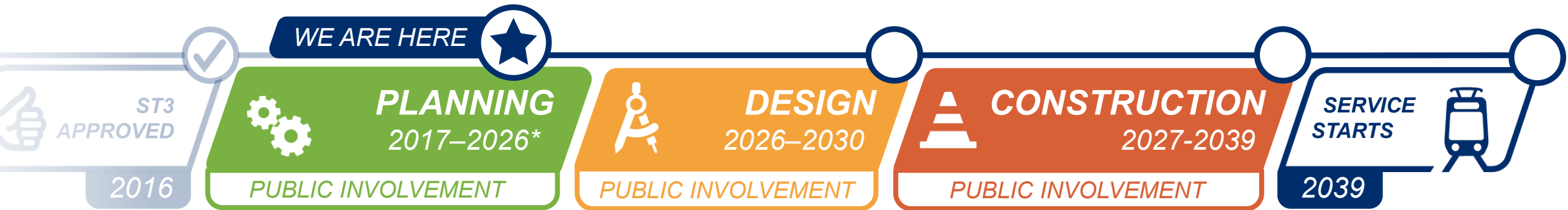
03/20/2024



Background

Ballard Link Extension (BLE)

Project timeline





ST3
APPROVED

2016



PLANNING



DES

2017–2019

Alternatives development

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



2019–2026*

Environmental review

Late 2024: Publish Draft EIS

Public comment period

Board confirms or modifies preferred alternatives

2026: Publish Final EIS

Board selects project to be built

Federal Record of Decision

PUBLIC INVOLVEMENT

Ballard Link Extension alternatives

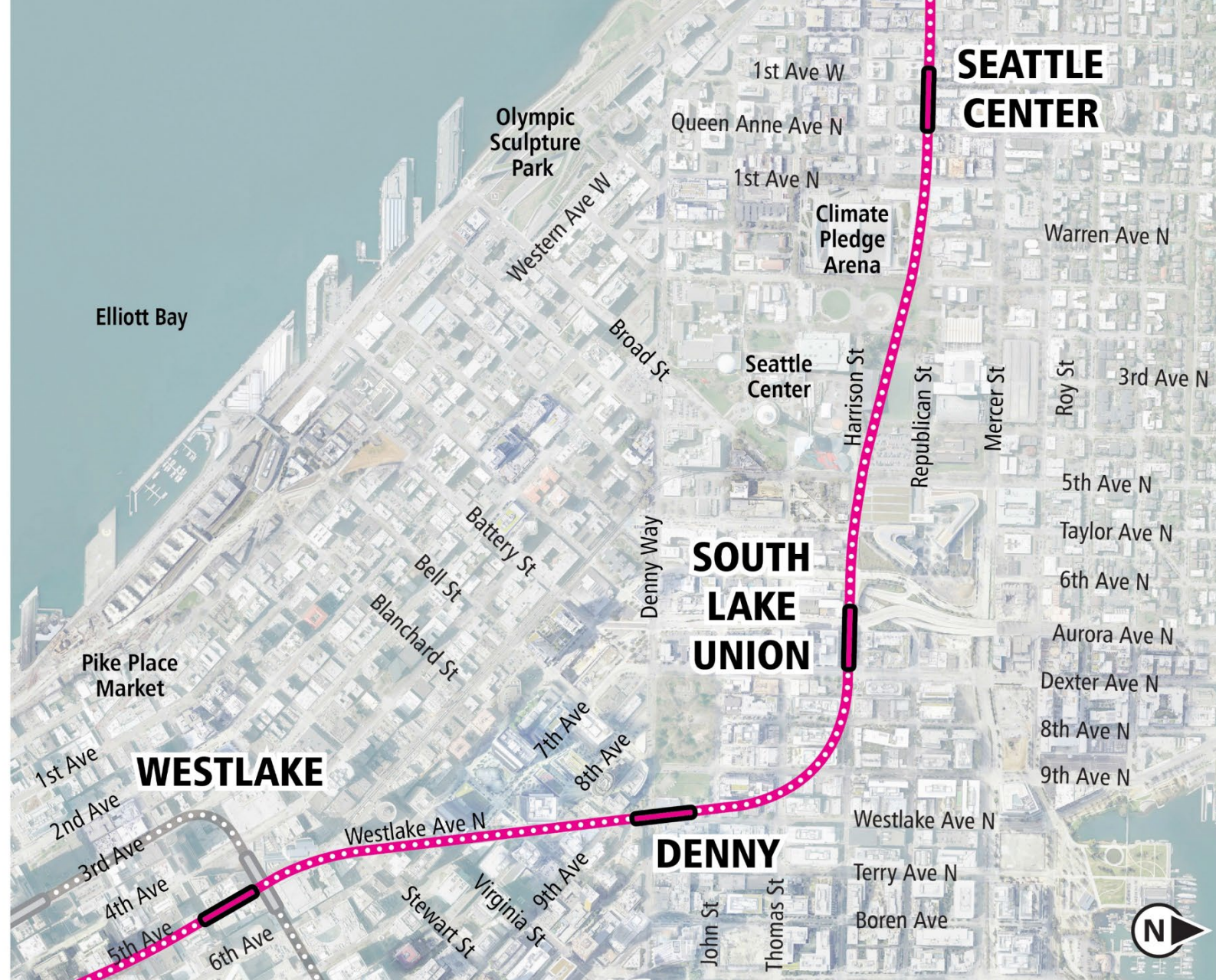
- Preferred alternative
- Other EIS alternatives



SLU Feasibility Study

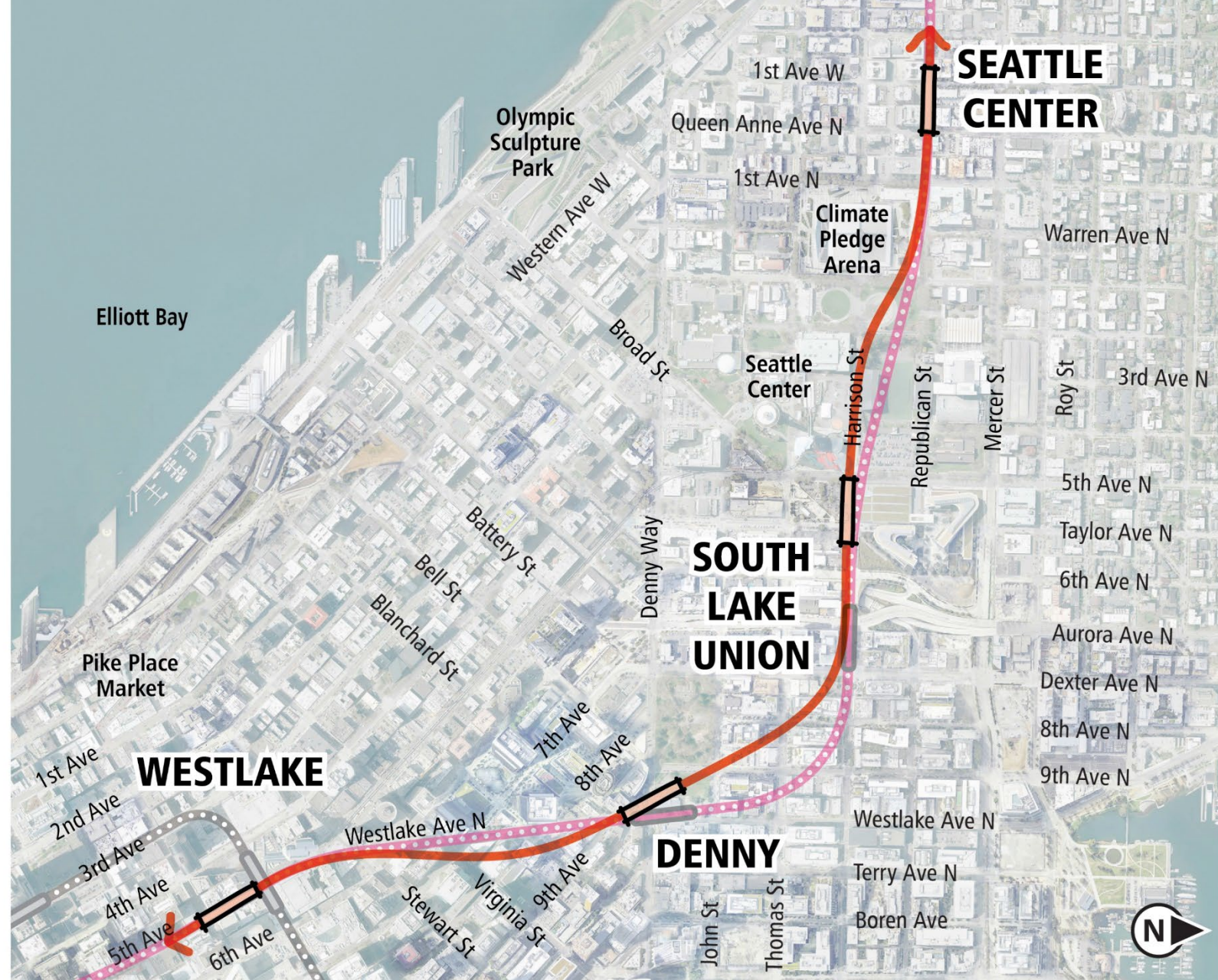
Preferred alternative

Currently in preliminary engineering design



Potential additional alternative

Sketch of newly suggested concept



Motion No. M2023-109

Directed staff to assess the feasibility of an additional alternative in the South Lake Union area for potential inclusion in the Draft Environmental Impact Statement for the Ballard Link Extension

Potential additional alternative

Study scope

Evaluate cost & schedule implications

Evaluate system implications

Evaluate environmental implications – roadway closure/access, utilities, noise & vibration, properties

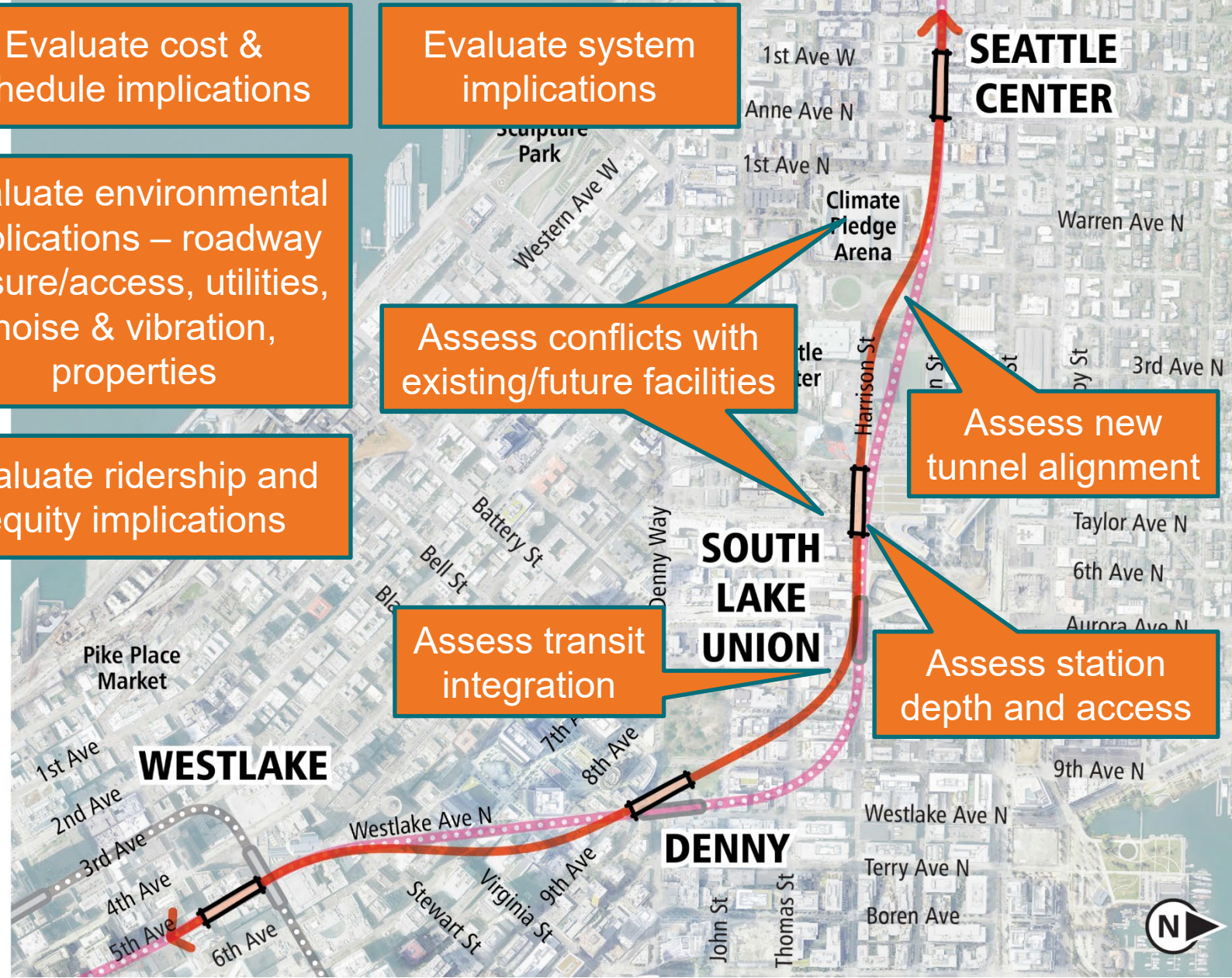
Assess conflicts with existing/future facilities

Evaluate ridership and equity implications

Assess new tunnel alignment

Assess transit integration

Assess station depth and access



Study timeline



	January					February				March				April					May					
	1/1-1/5	1/8-1/12	1/15-1/19	1/22-1/26	1/29-2/2	2/5-2/9	2/12-2/16	2/19-2/23	2/26-3/1	3/4-3/8	3/11-3/15	3/18-3/22	3/25-3/29	4/1-4/5	4/8-4/12	4/15-4/19	4/22-4/26	4/29-5/3	5/6-5/10	5/13-5/17	5/20-5/24	5/27-5/31		
Technical Work																								
Design & construction concept	[Orange bar]					[Orange bar]																		
Evaluate implications										[Orange bar]				[Orange bar]										
Stakeholder & Partner Coordination		[Blue bar]				[Blue bar]				[Blue bar]				[Blue bar]										
Community Engagement																								
Community organization check-ins		[Green bar]				[Green bar]				[Green bar]				[Green bar]										
Online survey & webinars															[Green bar]									
ST Board															[Blue bar]			[Blue bar]			[Blue bar]		[Blue bar]	

Potential additional alternative

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- Evaluate cost & schedule implications
- Evaluate environmental implications – roadway closure/access, utilities, noise & vibration, properties
- Evaluate ridership and equity implications

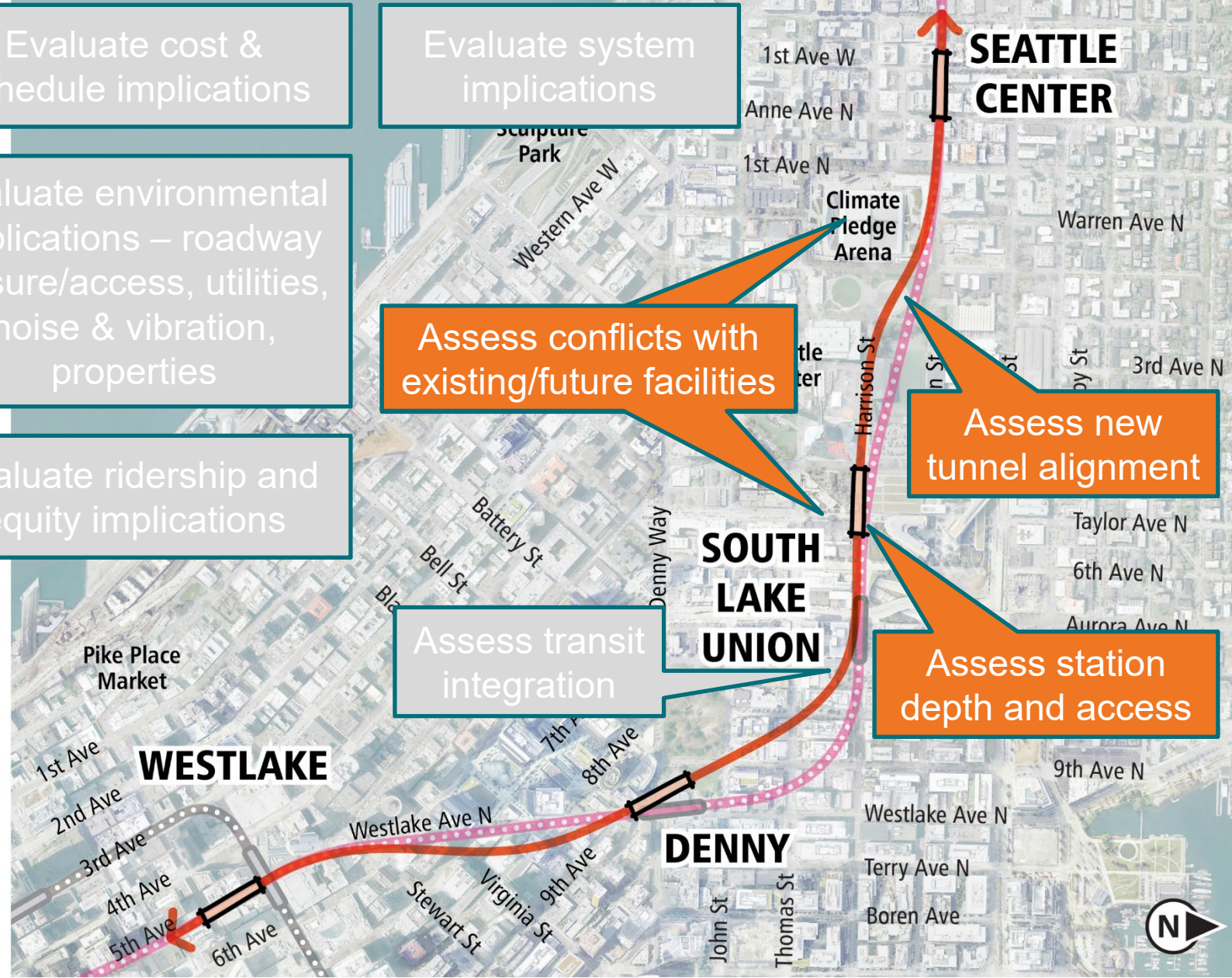
Evaluate system implications

Assess conflicts with existing/future facilities

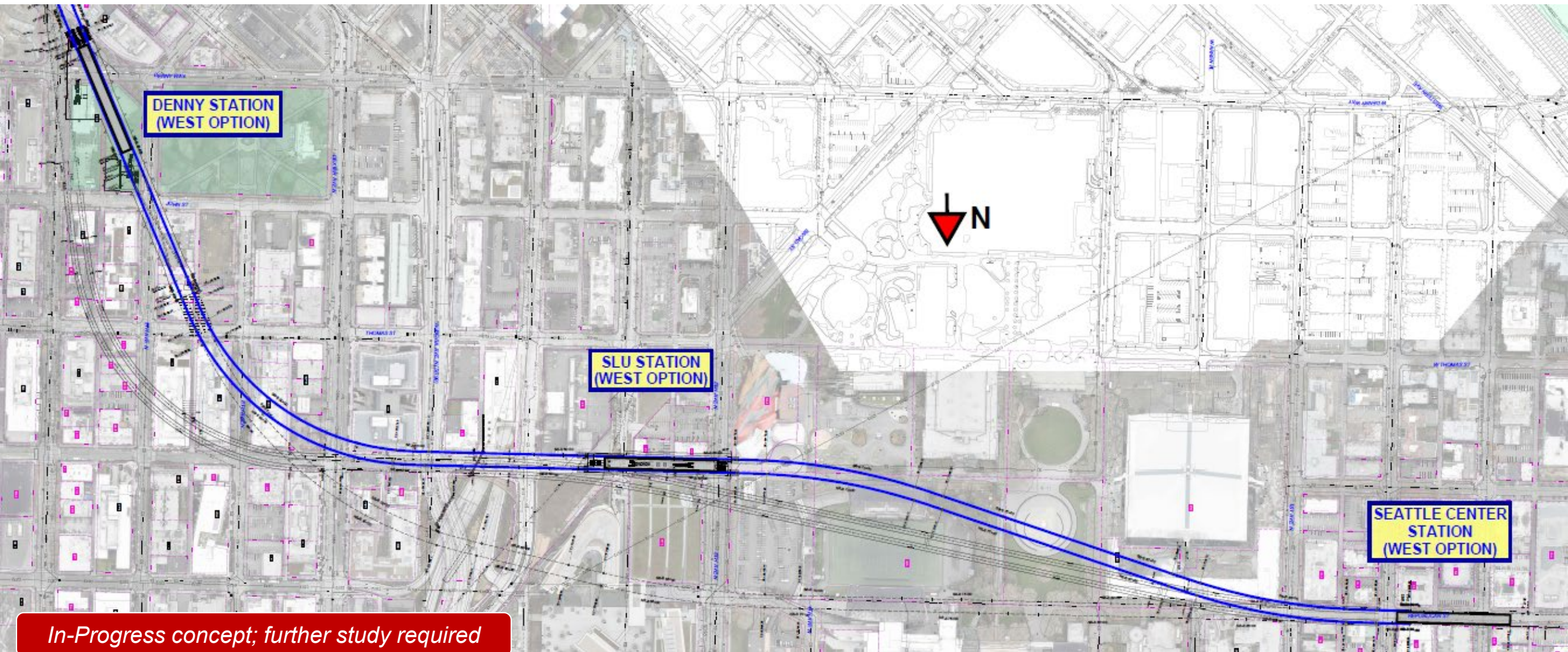
Assess transit integration

Assess new tunnel alignment

Assess station depth and access

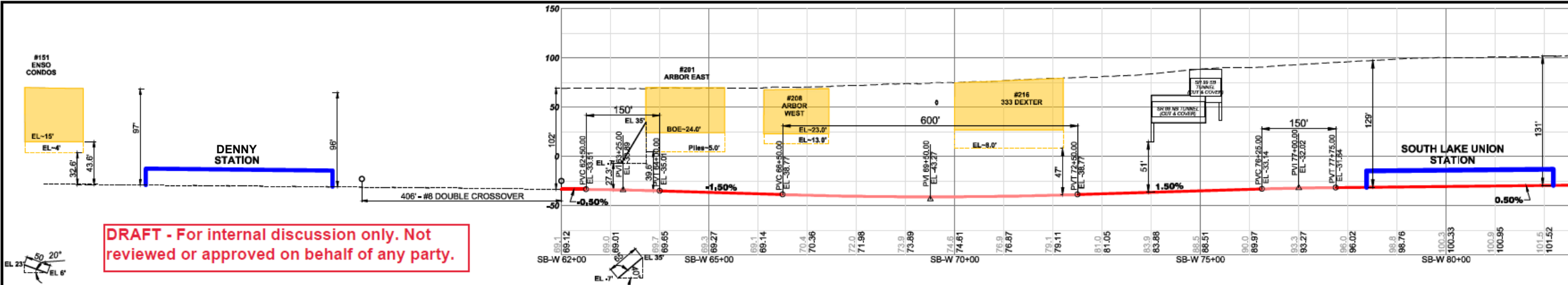


Alignment



In-Progress concept; further study required

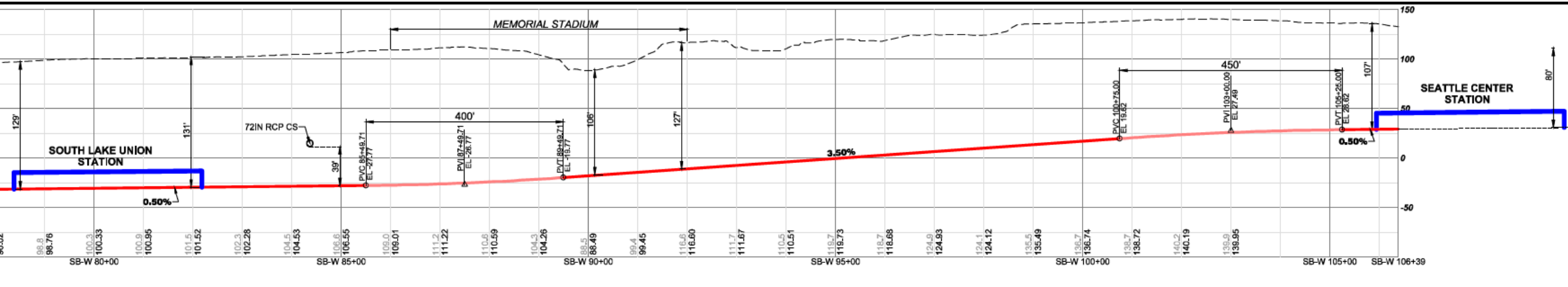
Profile



DRAFT - For internal discussion only. Not reviewed or approved on behalf of any party.

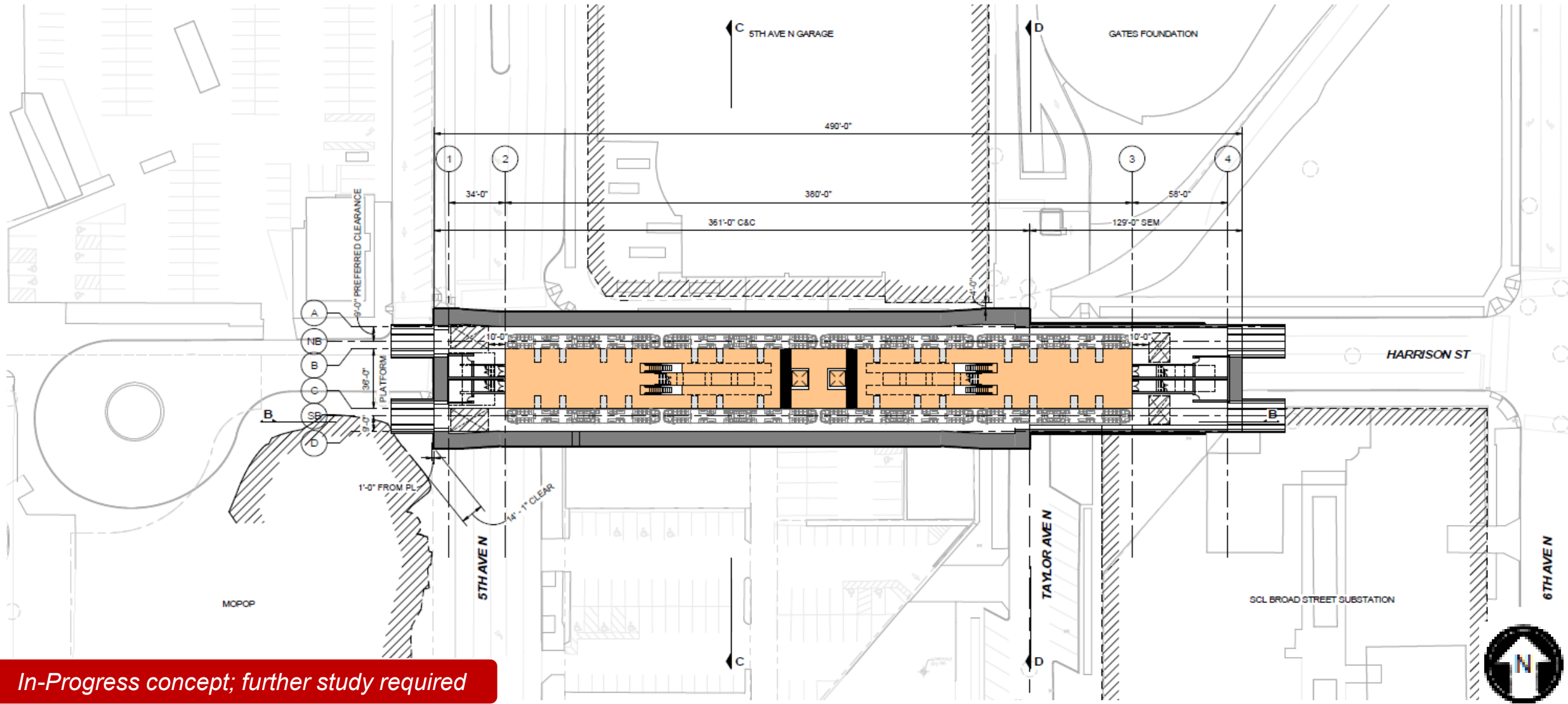
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Profile



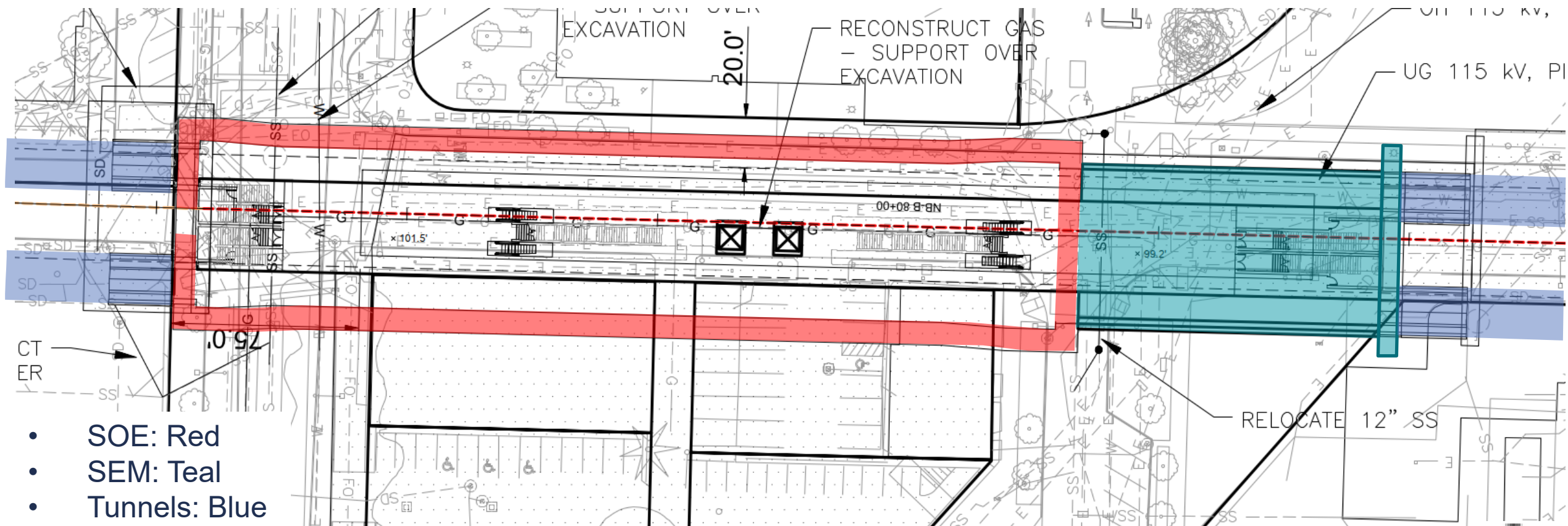
In-Progress concept; further study required

Station Box



In-Progress concept; further study required

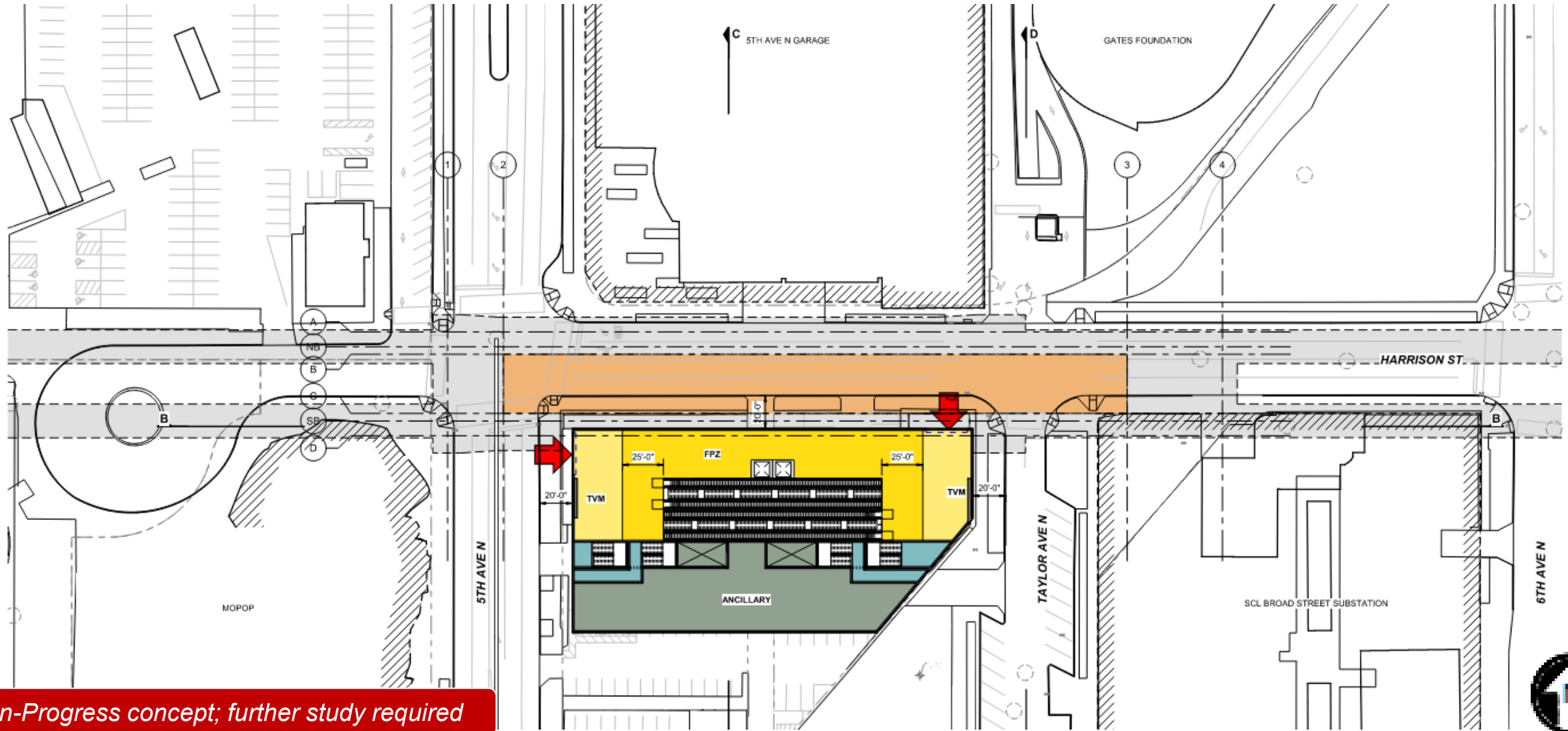
Station excavation, ground improvement and mining limits



- SOE: Red
- SEM: Teal
- Tunnels: Blue

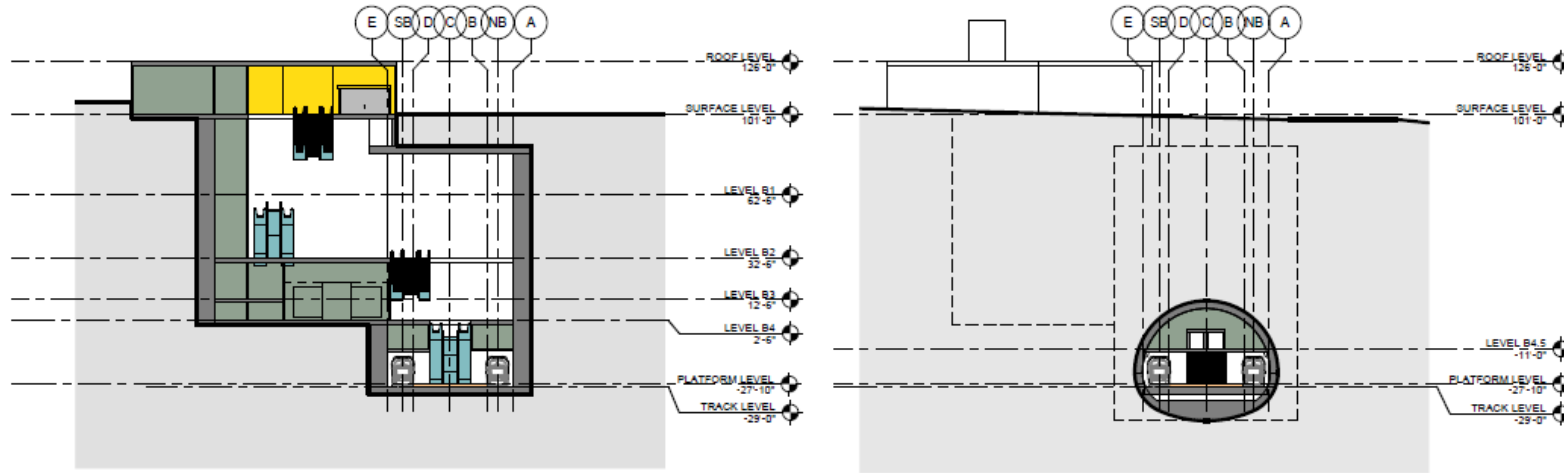
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Station Entrance



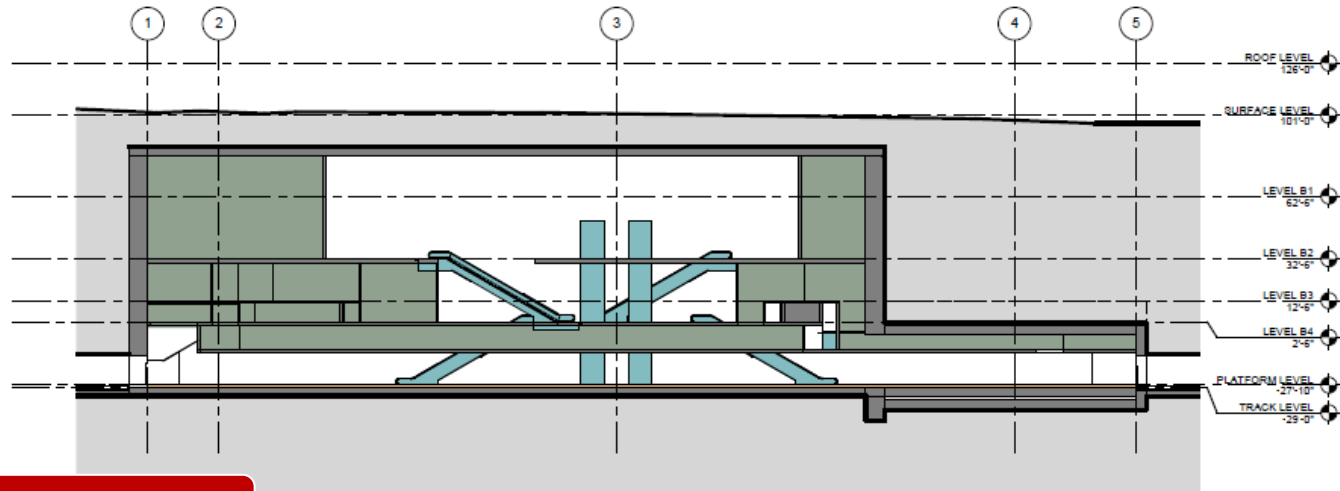
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Station Depth and Access



SECTION C

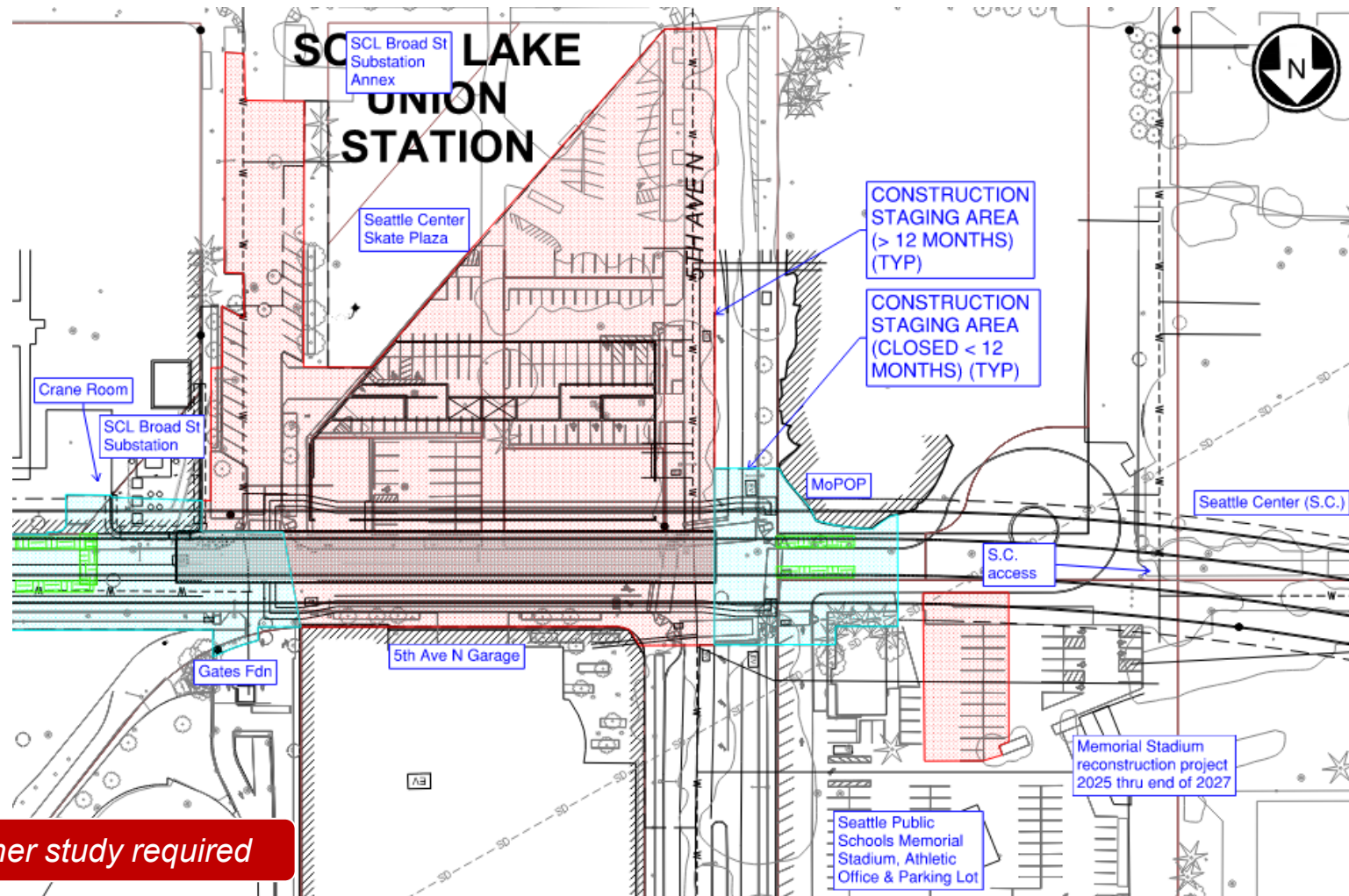
SECTION D



In-Progress concept; further study required



Staging area and temporary lane/roadway and sidewalk closures



In-Progress concept; further study required

Potential additional alternative

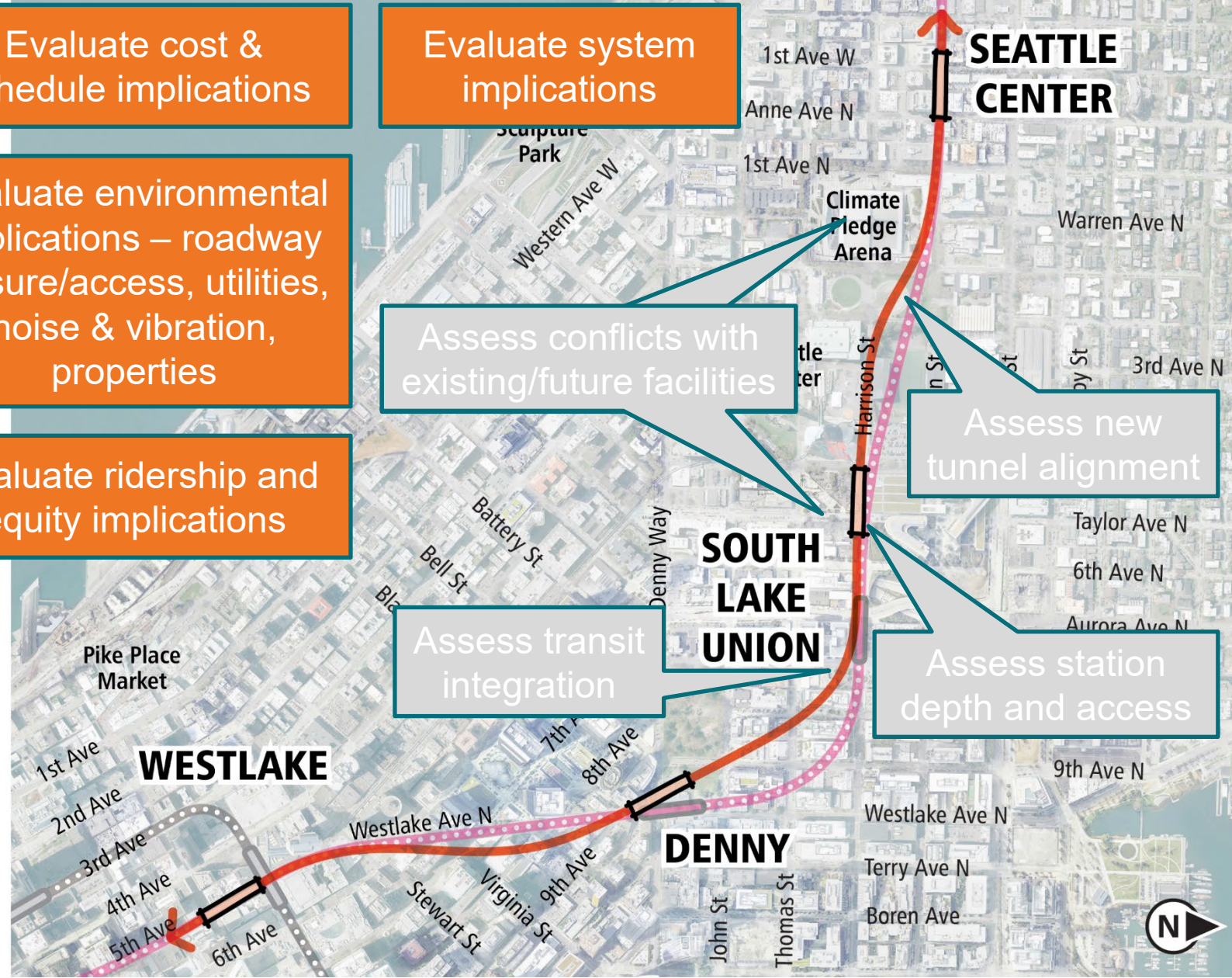
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Discussion

Thank you.



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