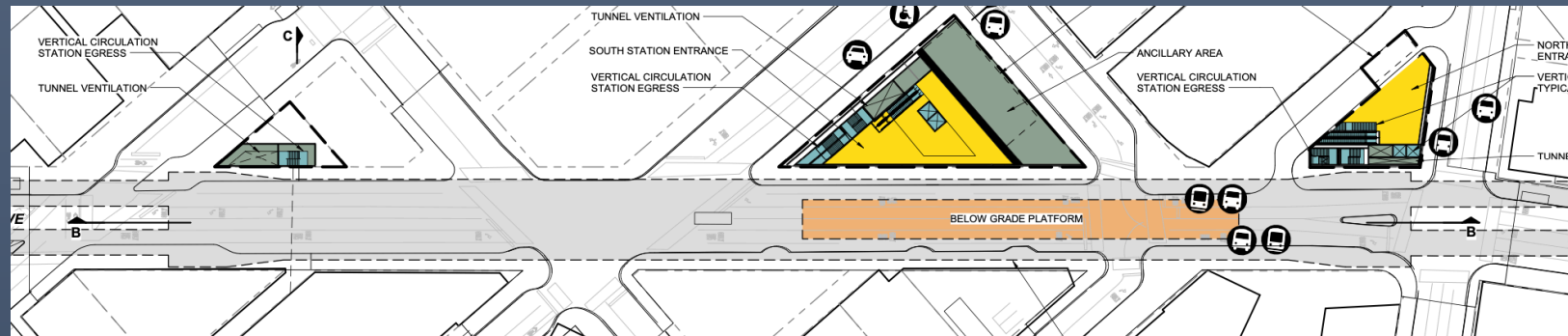


# Assessment of SLU/5<sup>th</sup> & Harrison Station Alternative Feasibility Study

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to the ST Board of Directors  
May 23, 2024

# Where'd We Start?

WSBLE Draft EIS, January 2022, Alternative DT-1:



Westlake Avenue	7th Avenue to Denny Way <sup>c</sup>	Full closure, 4 years (includes 9-month partial closure of intersections at 8th Avenue and 9th Avenue/Blanchard Street) <sup>c</sup>
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# 5<sup>th</sup> & Harrison Station *is Feasible*

- Ridership: Slightly lower (3,000/day less for entire BLE)
- Transit Integration: All connections maintained except for E Line
- System Implications: Delays opening of BLE (DSTT remains constrained and West Seattle shuttle continues)
- Street Closures: No impact to Westlake Ave; shorter impact to Denny Way; no impact to 7<sup>th</sup> Ave at SR 99
- Construction Cost: Slightly higher (\$30 million)
- Schedule: 10-month delay plus any additional time to identify the Preferred Alternative

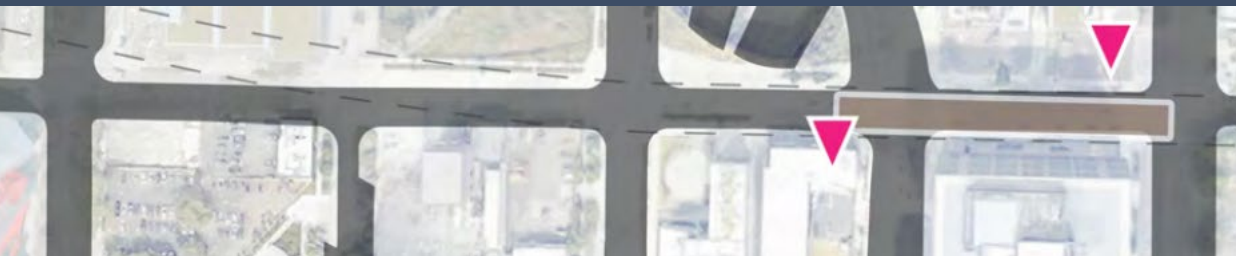
***5<sup>th</sup> & Harrison and 7<sup>th</sup> & Harrison are basically comparable***

# 5<sup>th</sup> & Harrison Station Schedule Impact

Major differentiator is a 10-month delay to revise the BLE DEIS

- BLE is estimated at  $\pm$ \$11 billion
- DEIS delay for 5<sup>th</sup> & Harrison impacts the entire BLE
- \$50 million/month in escalation cost = \$500 million
- Plus \$25 million to revise the BLE DEIS
- Acceleration uncertain

7th & Harrison



5<sup>th</sup> & Harrison



# Efforts to Mitigate the 10-Month Delay

## Accelerate BLE DEIS work

- Overtime, additional resources, concurrent activities
- FTA review

## Streamline Permitting

- Process improvements for Master Use Permit, Roadway Use, Noise Variance
- City Council action required
- Co-located City staff
- Would reduce schedule risk going forward – a positive for the entire BLE, as well as WSLE

# Potential Future Actions

## Construction Phase Opportunities

- Additional construction shifts
- Multiple Tunnel Boring Machines
- Dependent upon advancing design, construction planning, and scheduling for the Preferred Alternative

## Offset by the Unknown Unknowns

# Construction and Traffic Impacts are Similar (i.e., no full closures of Westlake Ave)

## Denny Shifted North + SLU 7th/Harrison

Street	2032 Peak Hour Volume	Construction Year								
		1	2	3	4	5	6	7	8	
Westlake Ave	700-1,200									
Denny Way	1,500-1,800									
Harrison St*	800									
5th Ave	700-1,400									
7th Ave	2,600									

\*E is Harrison Street east of 7<sup>th</sup> Ave, W is Harrison Street west of 7<sup>th</sup> Ave

\* Potentially affected low volume streets not listed

## Denny Shifted West + SLU 5th/Harrison

Street	2032 Peak Hour Volume	Construction Year								
		1	2	3	4	5	6	7	8	9
Westlake Ave	700-1,200									
Denny Way	1,500-1,800									
Harrison St*	800									
5th Ave	700-1,400									
7th Ave	2,600									

\*Closure only west of 7<sup>th</sup>

**Legend**

- Reduced GP Lanes
- Full Closure
- Transit Lanes Closure Only



# Questions