

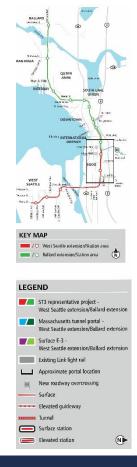


Level 2 alternatives

- ST3 Representative Project
- Massachusetts Tunnel Portal
- Surface E-3



SODO and Chinatown-ID - Level 2 alternatives











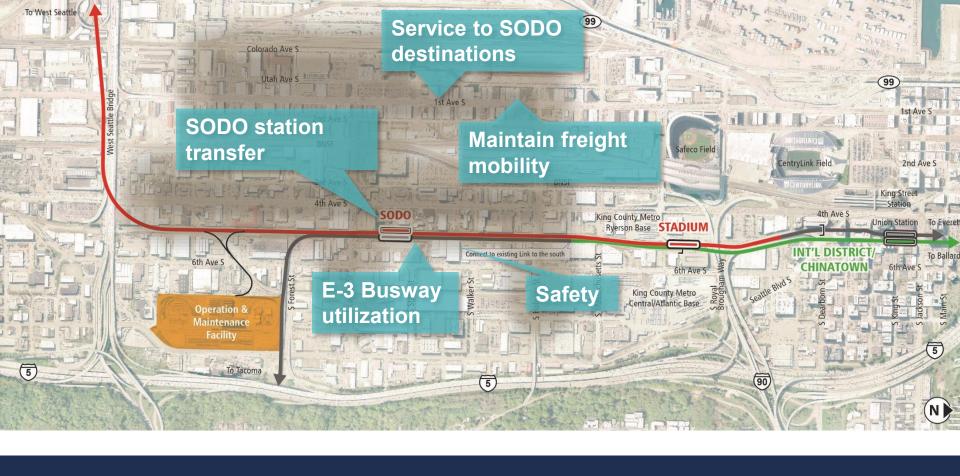




Additional feedback SODO and Chinatown-ID

- Consider 4th Avenue location for Chinatown-ID station
- Explore alignments further west of ST3 Representative Project





SODO segment community concerns





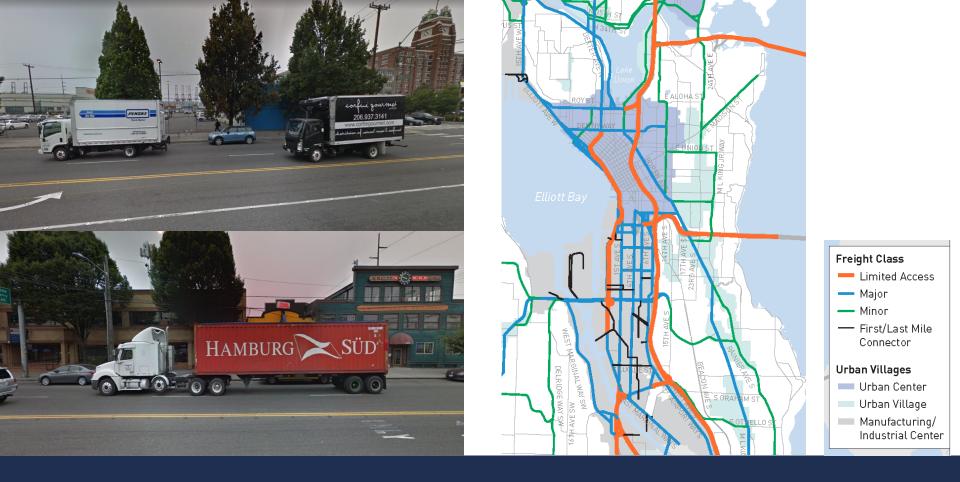
Service to SODO Destinations



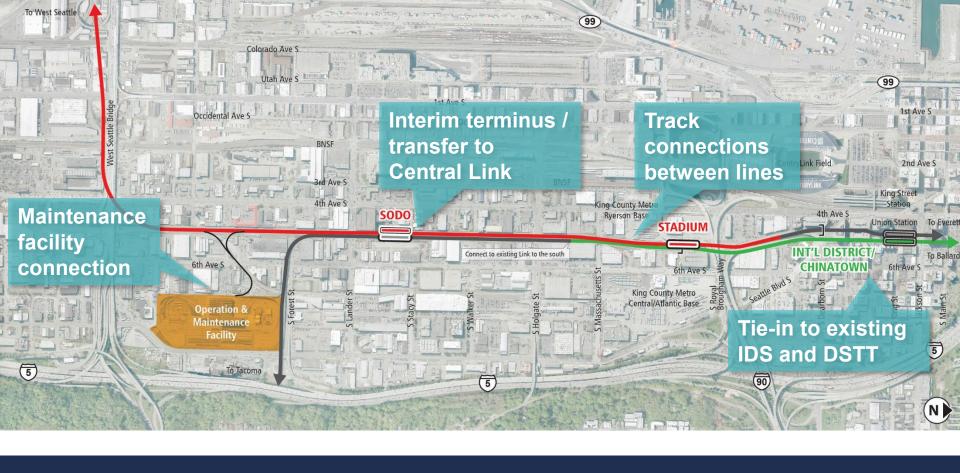
SODO Station Transfer



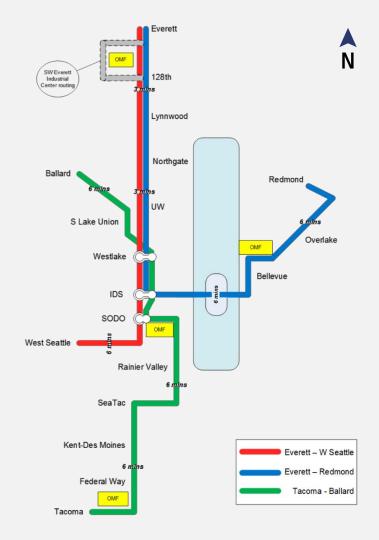
E-3 Busway Utilization



Maintain Freight Mobility



SODO Segment Operational Needs

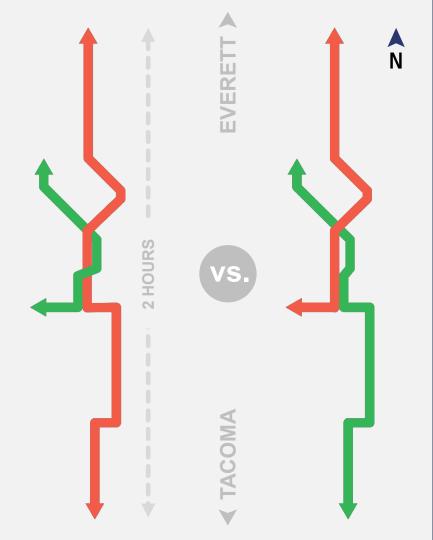


Operating plan

Everett to West Seattle via Downtown Seattle Transit Tunnel

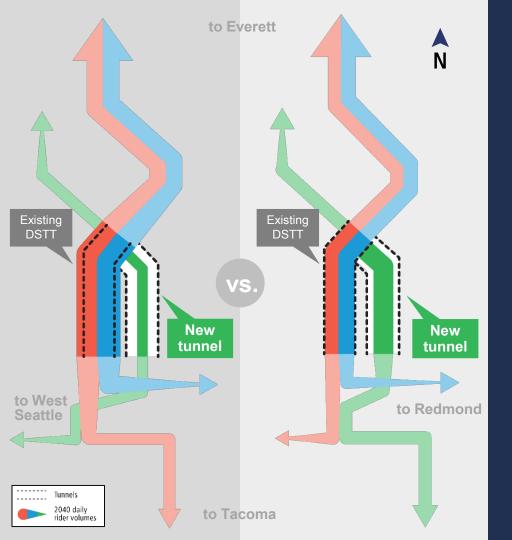
Everett to Downtown Redmond via Downtown Seattle Transit Tunnel

Ballard to Tacoma via new rail-only tunnel



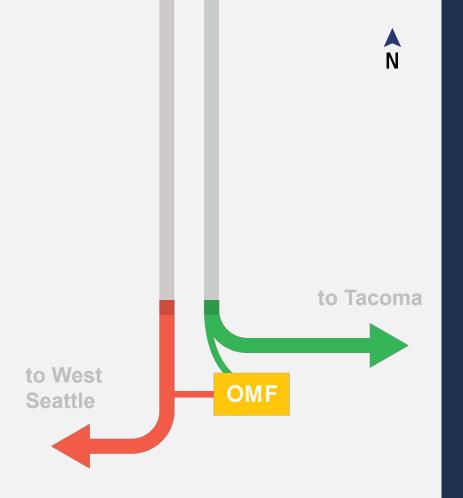
Spine segmentation

✓ Splits long trips from Tacoma to Everett



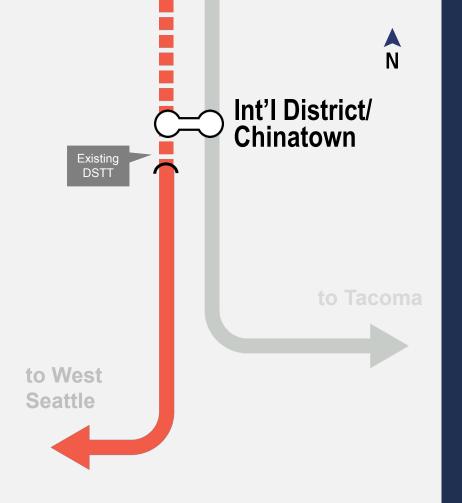
Balanced loads

- ✓ Balances passenger loads, enabling future growth
- ✓ All users benefit from core capacity expansion



Maintenance facility connection

Accommodate connection from West Seattle Link to existing maintenance facility at Forest Street



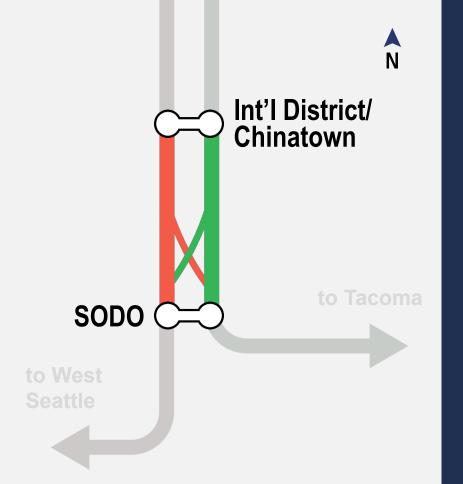
Tie-in to existing DSTT

✓ Connect to existing DSTT International District/
Chinatown Station



Interim terminus / transfer to Central Link

✓ Accommodate interim transfer to northbound Central Link and permanent transfer to southbound Central Link



Track connections between lines

✓ Accommodate track connections between West Seattle Link and Ballard Link to allow for movement of trains and failure management

SODO community concerns

- ✓ SODO station transfer
- ✓ E-3 busway utilization
- ✓ Service to SODO destinations
- Freight mobility
- Safety

Operational needs

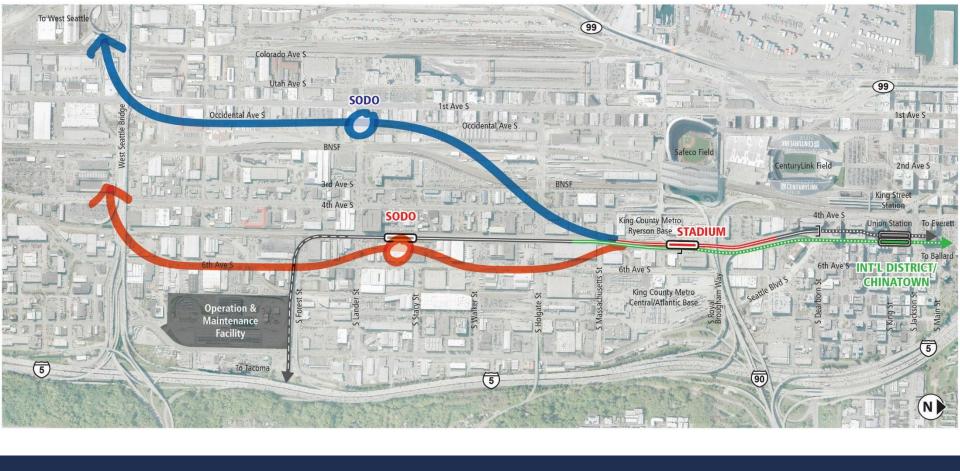
- ✓ Maintenance facility connection
- ✓ Tie-in to DSTT
- ✓ Interim terminus
- Track connections



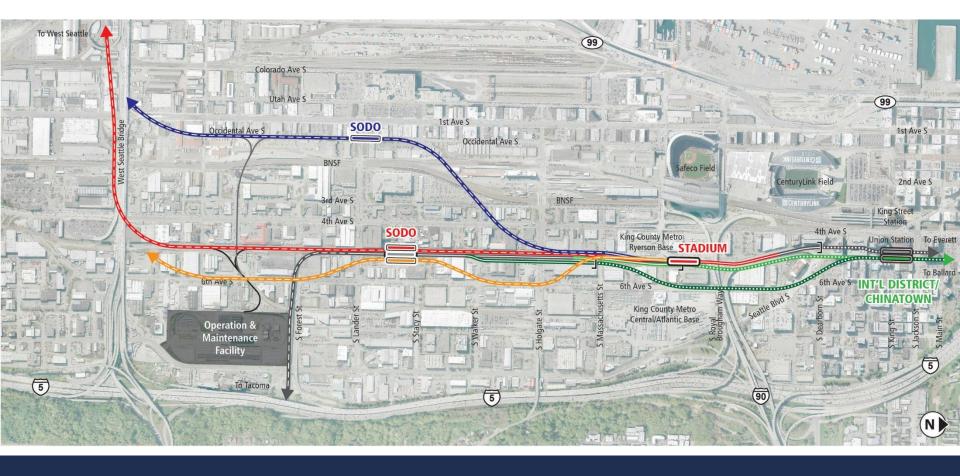
SODO route ideas from agency workshop



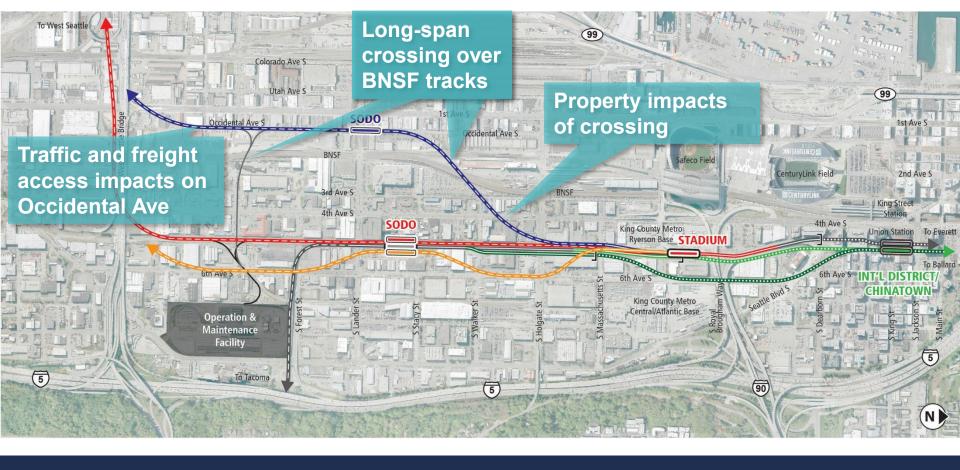
Agency workshop concerns/issues



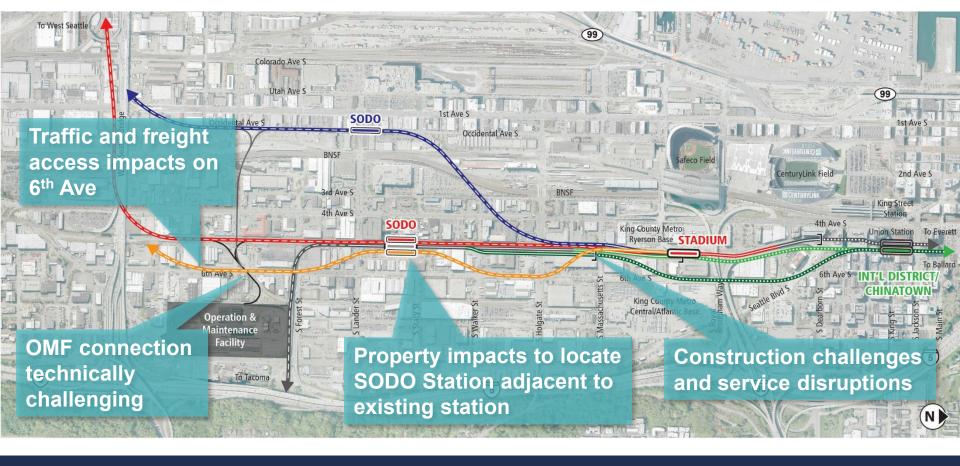
Potential alternatives from agency workshop



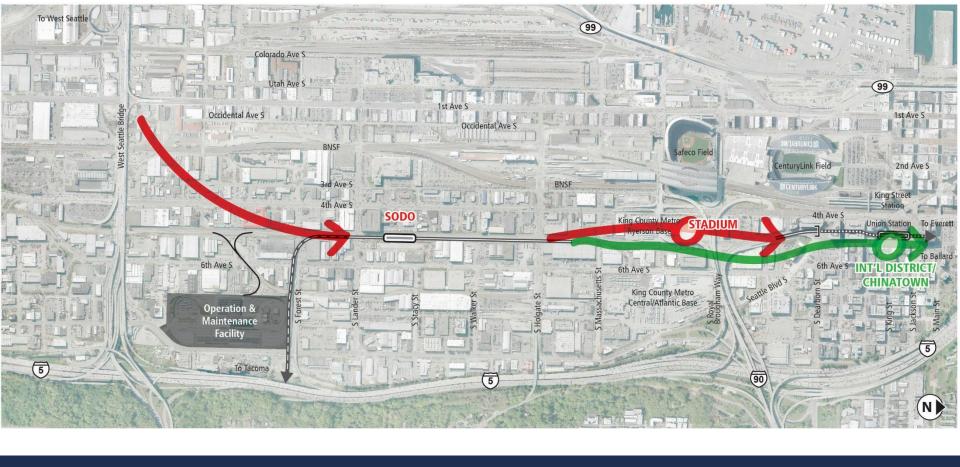
New SODO Level 1 Alternatives



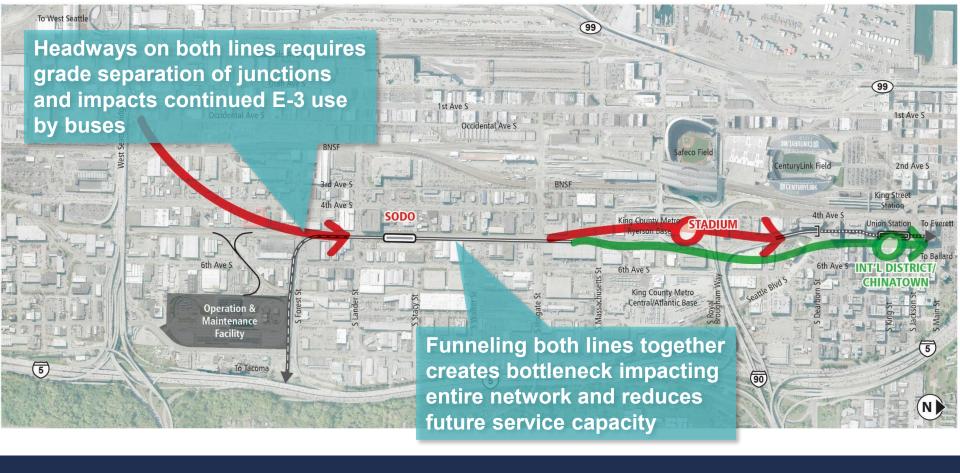
Occidental Ave – Key Findings



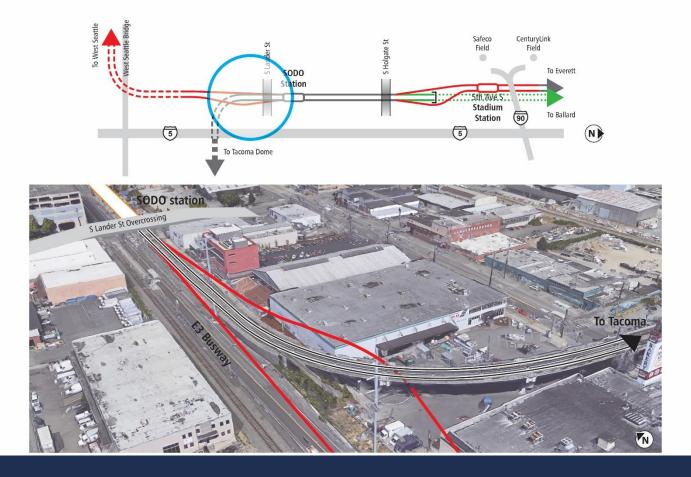
6th Ave – Key Findings



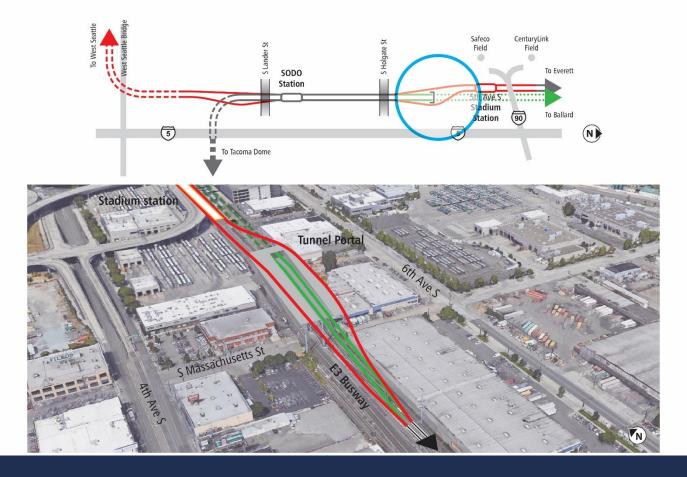
Other suggestions – "Track interlining"



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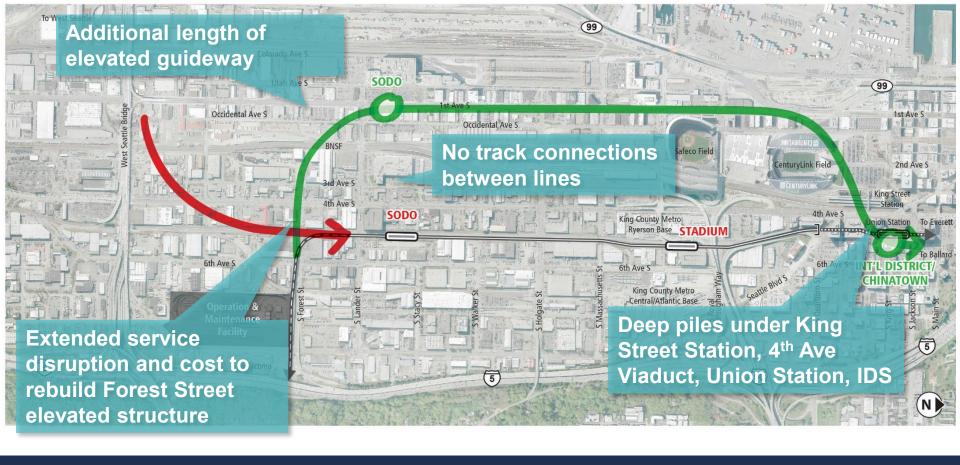
Track interlining – Forest Street junction



Track interlining – Stadium junction

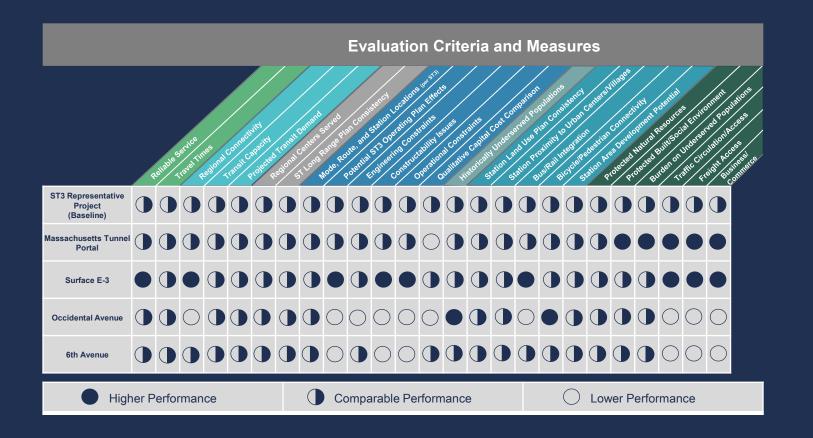


Other suggestions —"Extended Ballard line"

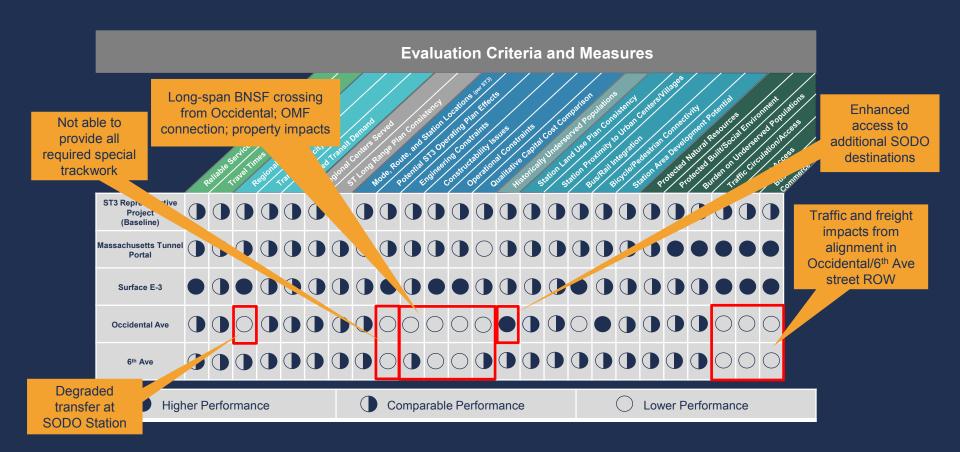


Other suggestions - "Extended Ballard line"

SODO Level 1 Alternatives – Evaluation Results



SODO Level 1 Alternatives – Evaluation Results

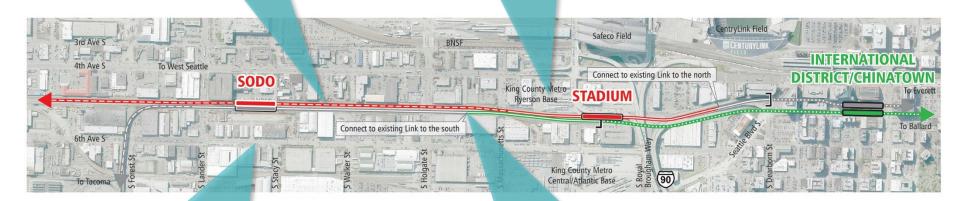




E-3 Busway – Existing Bus Volumes (PM Peak Hour)

Confirm future bus volumes expected to use E-3 corridor

Confirm extent of potential Ryerson Base capacity impacts



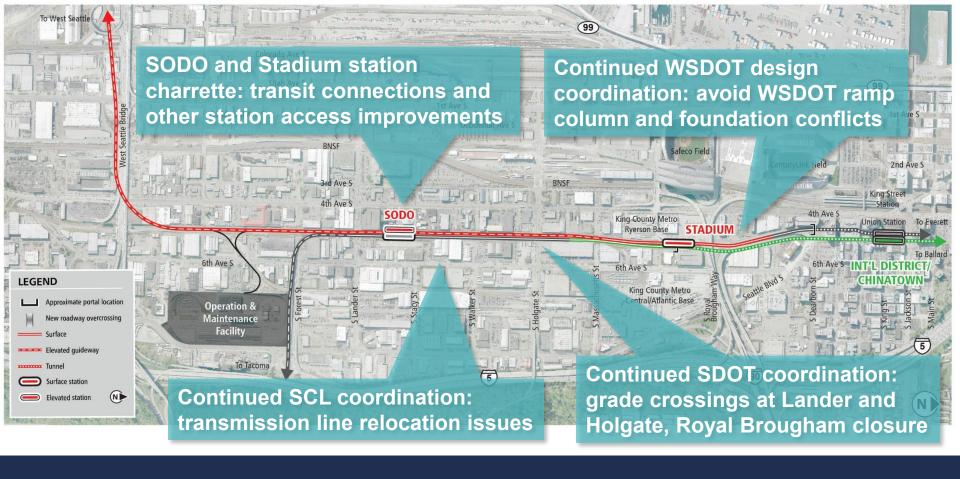
Assess potential 6th Ave roadway improvements to accommodate bus use

Confirm extent of future bus layover needs

E-3 Busway – Level 2 technical work On-going discussions with partner agencies



SODO station access technical work



Level 2 – other technical work activities

SODO Alternatives Summary – Level 1

Alternatives with more potential	ST3 Representative Project	Baseline for comparison
	Surface E-3	Moved forward to Level 2
	Massachusetts Tunnel Portal	Moved forward to Level 2
Alternatives with greater challenges	Occidental Ave	 Long-span elevated crossing over BNSF tracks Traffic and freight access effects on Occidental Ave Property impacts of alignment crossing from Occidental Ave to Stadium Station
	6th Ave	 OMF connection technically challenging Property impacts to locate SODO Station adjacent to existing station Braiding lines could have major construction challenges and service disruptions
Not practical concepts	"Track interlining"	 Requires grade-separated junctions; does not accommodate buses on E-3 Creates bottleneck; impacts service reliability and limits system capacity
	"Extended Ballard line"	 Rebuild of Forest St junction requires disruption of existing LRT service Deep mined C-ID station; constructability challenges Additional guideway length; no track connections