

Agenda

- > Welcome and introductions
- > Previous meeting recap
- > How we get to a Recommendation
- > Level 1 Recommendation discussions
- > Review Group Recommendations
- > Next steps and next meeting





Map of alternatives

	ST3 Representative Project	Baseline for comparison	
Alternatives with more potential	Elliott/15 ^h /16 ^h /Fixed Bridge	Baseline for comparison Avoids 15 th AveiDravus interchange Supports more reliable service (no bridge openings)	
	Alternative	Key findings	
Alternatives with	Alternative	Key findings	
greater challenges	Alternative	Key findings	
Not practical suggestions	Alternative	Key findings	
	Alternative	Key findings	

Segment summary





SAG questions

- ST3 Plan consistency
- 3rd Party funding





ST3 Plan consistency

- Identifies mode, corridor, number of stations, general station locations
- Informs cost, schedule, operating needs



- Identifies *mode*, corridor, number of stations, general station locations
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	ST3 Representative Project	Baseline for comparison		
Alternatives with more	Oregon Street/Alaska Junction	 Avoids Fauntleroy and Alaska; better orientation south Affects Oregon St and 44th Ave 		
potential	West Seattle Bridge/Fauntleroy	 Lessens effects to Junction and Delridge; better orientation south Creates isolated Delridge Station 		
	Pigeon Ridge/West Seattle Tunnel	 Lessens effects to Port, Junction, Delridge; better orientation south Requires two tunnels; may require 3rd Party funding 		
Alternatives with greater challenges	Yancy Street/West Seattle Tunnel	 Lessens effects to Junction and Delridge; better orientation south Consolidates stations; potentially not consistent with ST3 Plan Requires tunnel; may require 3rd Party funding 		
	West Seattle Golf Course/Alaska Junction (Tunnel)	 Crosses golf course, Section 4(f) Lessens effects to Junction, Delridge Eliminates station; potentially not consistent with ST3 Plan 		
	Tunnel under Duwamish	Impractical tunnel depth and length		
Not practical suggestions	West Seattle Bridge	 Existing structure not built to accommodate LRT Constructability issues 		
	Gondola, rail/bus bridge	Mode not consistent with ST3 Plan		
	Extensions to Alki, Admiral, etc.	Not included in ST3 Plan or long range plan		
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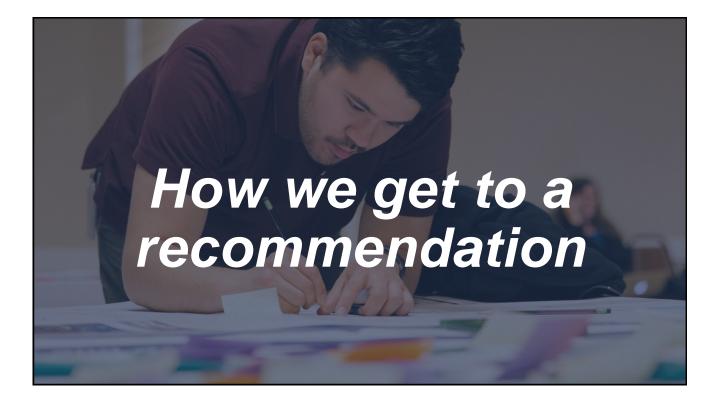
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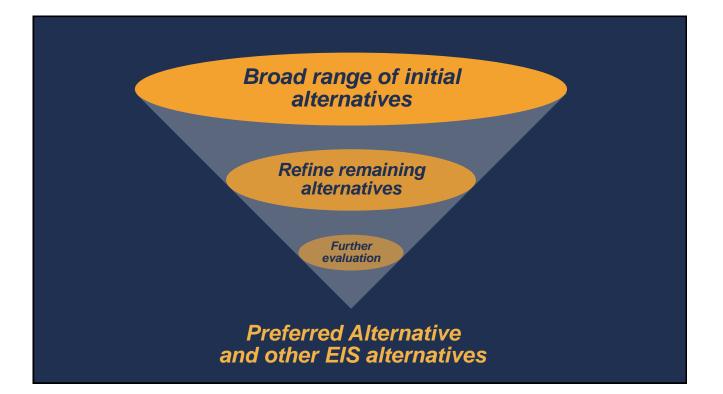


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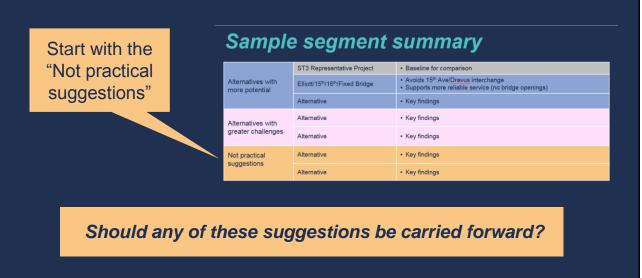
West Seattle/Duwamish summary				
	ST3 Representative Project	Baseline for comparison		
Alternatives with more potential	Funding identified?	 Avoids Fauntleroy and Alaska; better orientation south Affects Oregon St and 44th Ave 		
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	identified? bridge	Mode not consistent with ST3 Plan		
	Extensions to Alki, Admiral, etc.	Not included in ST3 Plan or long range plan		





How we get to a recommendation

Step 1



How we get to a recommendation Step 2

Then, look at the "Alternatives with	Alternatives with more potential	ST3 Representative Project Elliott/15 th /16 th /Fixed Bridge Alternative	Baseline for comparison Avoids 15 th Ave/Dravus interchange Supports more reliable service (no bridge openings) Key findings	
greater challenges"	Alternatives with greater challenges	Alternative	Key findingsKey findings	
	Not practical suggestions	Alternative	Key findings Key findings	
		ernatives be they be refi	e carried forward?	

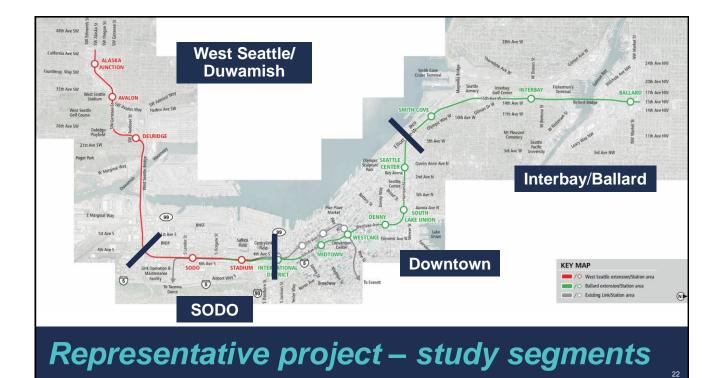
How we get to a recommendation Step 3

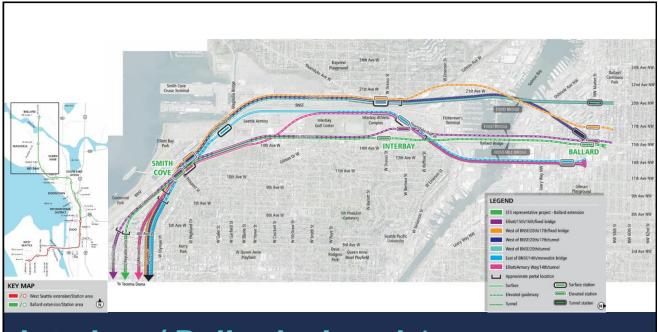
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ly, look at the	Sample segment summary				
rnatives with		ST3 Representative Project	Baseline for comparison		
	Alternatives with more potential	Elliott/15th/16th/Fixed Bridge	Avoids 15 th Ave/ <u>Dravus</u> interchange Supports more reliable service (no bridge openings)		
re potential"		Alternative	Key findings		
	Alternatives with	Alternative	• Key findings		
	greater challenges	Alternative	• Key findings		
	Not practical	Alternative	Key findings		
	suggestions	Alternative	Key findings		

How might these alternatives be refined?

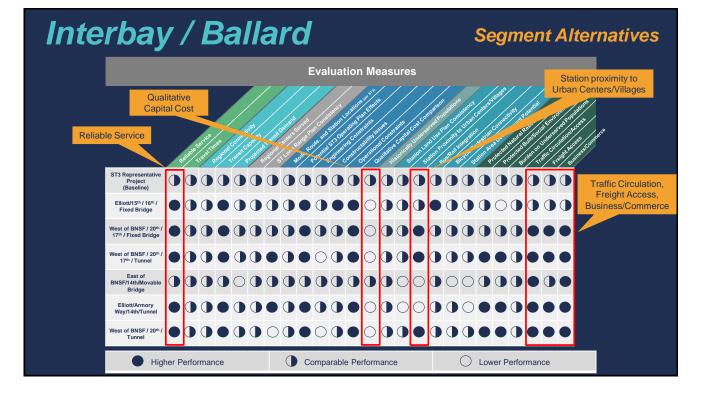
Level 1 Recommendation discussions





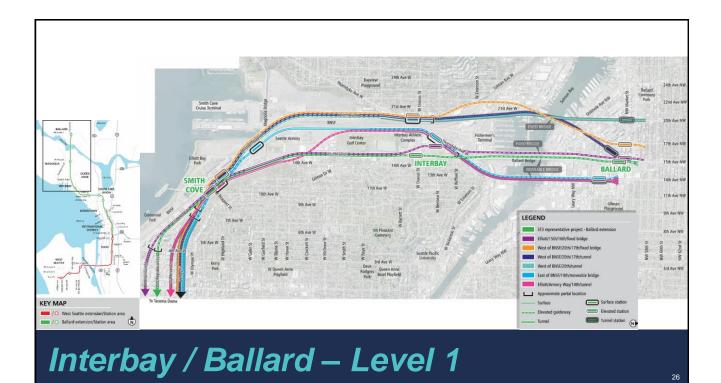
Interbay / Ballard – Level 1



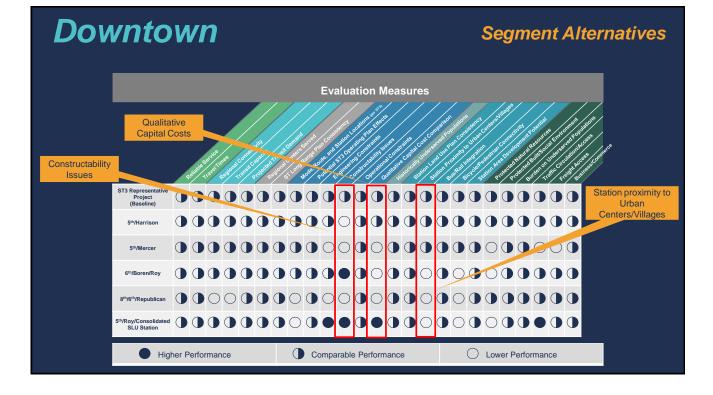


Interbay / Ballard summary

	ST3 Representative Project	Baseline for comparison	
Alternatives with	Elliott/15 th /16 th /Fixed Bridge	 Avoids 15th Ave/Dravus interchange Supports more reliable service (no bridge openings) 	
more potential	West of BNSF/20th/17th/Fixed Bridge	 Avoids Elliott Ave,15th Ave and Fishermen's Terminal Supports more reliable service 	
	East of BNSF/14 th /Movable Bridge	 Avoids Elliott Ave,15th Ave and Fishermen's Terminal Locates station on 14th Ave within industrial area 	
	West of BNSF/20th/17th Tunnel	 Avoids Elliott Ave, 15th Ave, Fishermen's Terminal and Salmon Bay Requires tunnel; may require 3rd Party funding 	
	Elliott/Armory Way/14 th /Tunnel	 Avoids Elliott Ave, 15th Ave, Fishermen's Terminal and Salmon Bay Requires tunnel; may require 3rd Party funding 	
Alternatives with greater challenges	West of BNSF/20th/Tunnel	 Avoids Elliott Ave, 15th Ave, Fishermen's Terminal and Salmon Bay Requires longer tunnel; may require 3rd Party funding Requires construction and displacement within Ballard core 	
	Tunnel through Queen Anne/Interbay	Depth and length impractical; would affect downtown tunnel depth	
Not practical	Extensions to 65 th , 85 th , Northgate	Not included in ST3 plan	
suggestions	Multi-modal Salmon Bay bridge	ST3 plan defined project as rail-only bridge	
	Eliminate or add stations	Not consistent with ST3 plan	
		25	







Downtown summary				
	ST3 Representative Project	Baseline for comparison		
Alternatives with more potential	5th/Harrison	 Avoids utility conflicts on Republican and station under SR 99 off-ramp Decreased station coverage; potentially move Denny Station south 		
	6 th /Boren/Roy	 Avoids utility conflicts on Republican and station under SR 99 off-ramp Increases construction risk due to I-5 walls along 6th Ave; avoids tiebacks on 5th Ave 		
Alternatives with greater challenges	5 th /Mercer	 Avoids utility conflicts on Republican and station under SR 99 off-ramp Increases construction risk due to large sewer on Mercer 		
	5 th /Roy/Consolidated SLU Station	 Avoids utility conflicts on Republican and station under SR 99 off-ramp Consolidates stations; potentially not consistent with ST3 		
	8 th /6 th /Republican (First Hill)	 Increases construction risk due to two crossings under I-5 First Hill station not consistent with ST3 		
Not practical	Use Downtown Seattle Transit Tunnel (DSTT)	Existing DSTT capacity constraints		
suggestions	Design for potential extensions to north and/or east	• Extensions to north and/or east not included in ST3 or long range plan		
		29		



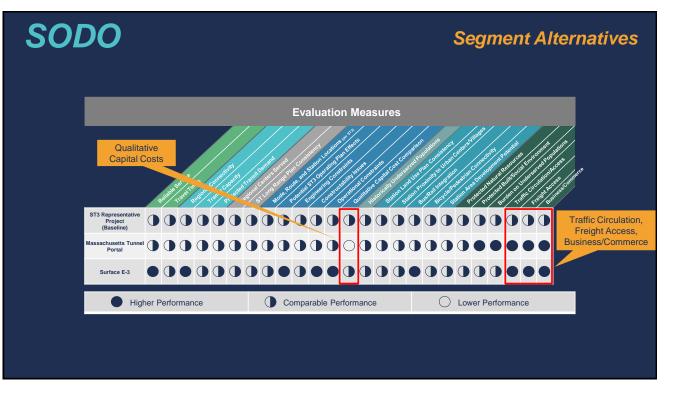
Downtown – Level 1

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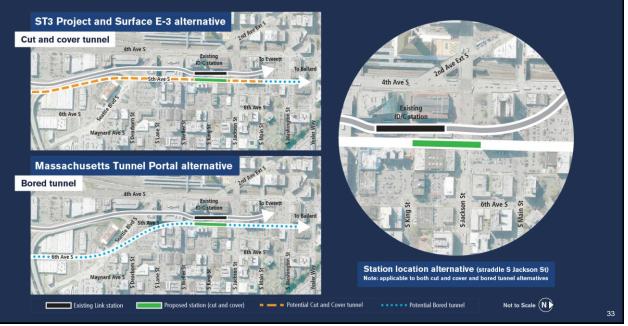
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Massachusetts tunnel portal - West Seattle extension/Ballard extension		4th Ave S	NUT 4 200			
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Existing Link light rail					Ryerson Base STADIUM	
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/ Ballard extension/Station area		To Tacoma	5 Stary	Na	King County Metro	A CONTRACTOR OF THE OWNER OWNER OF THE OWNER OWNE OWNER OWNE

SODO – Level 1

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International District/Chinatown Station





SODO summary

Alternatives with more	ST3 Representative Project	Baseline for comparison
potential	Surface E-3	 Less service disruption during construction Accommodates Stadium Station on both lines Eliminates existing grade crossings at Lander, Holgate; closes Royal Brougham
		 Reduces cut-and-cover construction on 5th Ave in Chinatown/Int'l District Less service disruption during construction Eliminates existing grade crossing at Holgate Requires longer tunnel; more property; may require 3rd Party funding
Not practical suggestions	Maintain buses on E-3	Not practical due to ROW constraints
	First Ave alignment	Alignment and stations locations not consistent with ST3
	Design for potential extension south to Georgetown	Not included in ST3 or long range plan
		35

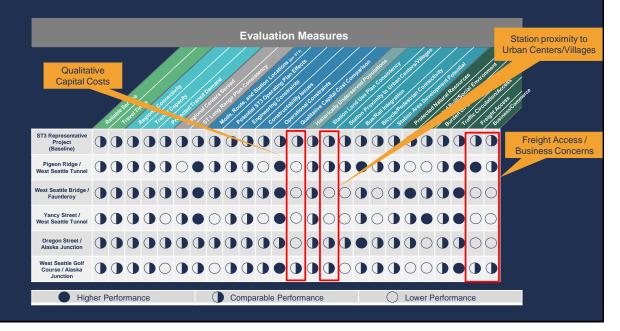




West Seattle / Duwamish – Level 1

West Seattle / Duwamish s

Segment Alternatives



West Seattle / Duwamish summary						
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		3				



West Seattle / Duwamish – Level 1



Sample recommendation worksheet

		Carry forward	Do not carry forward	Comments/ Notes
Alternatives with more potential	ST3 Representative Project			
	Alternative			
	Alternative			
Alternatives with greater challenges	Alternative			
	Alternative			
Not practical suggestions	Alternative			
	Alternative			

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Neighborhood forums Spring Schedule

- 4/21: Chinatown / Int'l District
- 4/23: Denny / SLU / Seattle Center
- 5/2: Midtown / Westlake
- 5/5: Delridge / Avalon / Alaska Junction
- 5/9: SODO / Stadium
- 5/12: Ballard / Interbay / Smith Cove

