

Link project sequencing and East Link Starter Line

Board of Directors 1/26/23





Why we're here

- Address key elements from December 2022
 Boardmember questions
- Further discuss potential East Link Starter Line
- Consider Resolution No. R2023-06

Boardmember questions

- Including those received at December SEC and full Board meetings, plus individual requests
- Will return at least quarterly to update the Board on progress
- Full questions and answers provided separately
- Organized into the following themes:
 - Project sequencing and openings
 - Operational questions
 - Future starter lines
 - Next steps for potential East Link Starter Line





Key elements from Boardmember questions

Project sequencing

- Until the full East Link alignment opens, allowing access to OMF East, 1-Line service will be limited to trains operating out of OMF Central
- Results in 8+ min. Lynnwood Link frequency
- These impacts + WSDOT Revive I-5 work require a regional effort to address transportation constraints in the North I-5 corridor
- ST coordinating with partner agencies (Community Transit, King County Metro, WSDOT and others)







Project openings

Why do we need a six-month period between project openings?

- Based on Northgate lessons learned and Programmatic QRA
- Recommendation; based on specifics of each project
- Four months: (pre-revenue service)
 ensure safe commissioning of
 facilities, staff training, running
 simulated service prior to opening
- Two months: monitor performance of brand-new facilities, troubleshoot issues, address passenger feedback

Project openings

- Staff is working to address challenges and options with a goal of fully eliminating any shift to opening of Lynnwood.
- Working to determine more precise schedule as construction advances





Operations: Current planned service levels

Before full East Link/ Downtown Redmond open	After full East Link/ Downtown Redmond open
	Chinatown/ID to Lynnwood ~4-min. peak, 5-min. midday
Angle Lake to Lynnwood	Angle Lake to Chinatown/ID
~8-min. peak, 10-min. midday	~8-min. peak, 10-min. midday
	Downtown Redmond to Chinatown/ID ~8-min. peak, 10-min. midday
East Link Storter Line	NI/A
East Link Starter Line ∼10-min. all day	N/A



Operations

- Staff examining mitigation options for the period between Lynnwood opening until East Link crosses Lake Washington
 - Single-tracking across lake to allow vehicle travel between OMFs is unlikely
 - Question spurred creative thinking, which will be part of further analysis with agency partners
- East Link Starter Line will not impact Stride BRT opening
- Examining opportunities to partially restructure ST Express Bus service to complement Starter Line





Future phased openings or other starter lines

Could we open a Federal Way Starter Line to Kent/Des Moines Station?

- This is under consideration
- Staff conducting feasibility analysis: crossover tracks and sufficient tail track
- Contingent on knowing opening date of full Federal Way Link Extension
- Will update Board on results of analysis





Potential next steps: East Link Starter Line

Consider action to authorize work necessary to further develop the option to open the East Link Starter Line (from South Bellevue to Redmond Technology) Resolution No. R2023-06

 Action would also authorize up to \$6 million dollars to complete activities, paid for by East King subarea

Consider action to authorize opening passenger service on East Link Starter Line

- Would occur following completion and consideration of analysis required for Fall 2024 Service Plan, including Title VI and Fare Equity analysis
- Requires another supermajority vote

Milestone schedule for East Link Starter Line (if authorized)

Q1 2023 **Q2 Q3** Q1 2024 **Q2 Q4** Board Update: Board Update: Board Action: Board Action: Authorize Starter Starter Line progress Starter Line progress Authorize work Line revenue service and approve ST Board and Link projects in and Link projects in necessary to further 2024 Service Plan, Title VI and construction develop the option to construction Service & Fare Equity analyses open the Starter Line Safety/security cert. Complete construction (S. Bellevue to Redmond TC) Construction Train control and signal control System integration testing Service Title VI and Fare Equity analysis; outreach; Planning & Service Plan development **Analysis** Ongoing coordination with partners, including collaboration on service planning and staffing needs **Partner** Coordination Federal readiness review process for Starter Line **Operations** Relocate and upgrade Link Control Center Operator training & simulated Starter Line Related Starter Line service pre-rev. service rev. service **Activities** begins begins



Thank you.



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