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

<table>
<thead>
<tr>
<th>Before full East Link/ Downtown Redmond open</th>
<th>After full East Link/ Downtown Redmond open</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angle Lake to Lynnwood</td>
<td>Chinatown/ID to Lynnwood</td>
</tr>
<tr>
<td>~8-min. peak, 10-min. midday</td>
<td>~4-min. peak, 5-min. midday</td>
</tr>
<tr>
<td>Angle Lake to Chinatown/ID</td>
<td>Angle Lake to Chinatown/ID</td>
</tr>
<tr>
<td>~8-min. peak, 10-min. midday</td>
<td>~8-min. peak, 10-min. midday</td>
</tr>
<tr>
<td>Downtown Redmond to Chinatown/ID</td>
<td></td>
</tr>
<tr>
<td>~8-min. peak, 10-min. midday</td>
<td></td>
</tr>
<tr>
<td>East Link Starter Line</td>
<td>N/A</td>
</tr>
<tr>
<td>~10-min. all day</td>
<td></td>
</tr>
</tbody>
</table>
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
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)

<table>
<thead>
<tr>
<th>ST Board</th>
<th>Construction</th>
<th>Service Planning &amp; Analysis</th>
<th>Partner Coordination</th>
<th>Operations Related Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1 2023</td>
<td>Complete construction (S. Bellevue to Redmond TC)</td>
<td>Title VI and Fare Equity analysis; outreach; Service Plan development</td>
<td>Ongoing coordination with partners, including collaboration on service planning and staffing needs</td>
<td>Relocate and upgrade Link Control Center</td>
</tr>
<tr>
<td>Q2</td>
<td>Safety/security cert.</td>
<td></td>
<td>Federal readiness review process for Starter Line</td>
<td>Operator training &amp; simulated service</td>
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<tr>
<td>Q3</td>
<td>Board Update: Starter Line progress and Link projects in construction</td>
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<td>Starter Line pre-rev. service begins</td>
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<tr>
<td>Q4</td>
<td>Board Update: Starter Line progress and Link projects in construction</td>
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<tr>
<td>Q1 2024</td>
<td>Board Action: Authorize work necessary to further develop the option to open the Starter Line</td>
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<tr>
<td>Q2</td>
<td>Board Action: Authorize Starter Line revenue service and approve 2024 Service Plan, Title VI and Service &amp; Fare Equity analyses</td>
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Activities in this graphic are summarized, approximate, and subject to change.
Thank you.