Lynnwood Link Extension
FFGA Application and Cost Savings Update

Sound Transit Board Meeting
December 21, 2017
Lynnwood Link Extension Update

- Project Status
- FFGA Process & Roadmap
- Cost Savings Effort
  - Process & Principles
  - Examples of Major Cost Savings Ideas
- Next Steps
Lynnwood Link Project Status

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<tbody>
<tr>
<td>ST 2 Cost Estimate</td>
<td>$2,418.2 billion (YOE$)</td>
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<td>60% Design Cost Estimate</td>
<td>$2,934.8 billion (YOE$)</td>
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Project Schedule - extended revenue service date to mid-2024 to incorporate cost savings measures

- Estimates do not include financing costs
- Estimates include OMFE and vehicles costs
Efforts to Reduce Costs

- Brainstorming/Value Engineering 3Q 2017
- Finalize Cost Saving Ideas w/ Third Parties 4Q 2017
  - $200 million of Potential Cost Savings Identified
- Update Design to Incorporate Cost Saving Ideas: 2Q 2018
- Prepare Revised Cost Estimates: 3Q 2018
- Complete Design/Begin Construction: 1Q 2019
FFGA Process

Dec 2013
- Environmental
- FEIS
- ROD

Feb 2016
- Complete sufficient engineering and design
- Reliable cost estimate
- Risk assessment
- Complete critical 3rd party agreements

We are here
- Construction

Legend: ◻️ = FTA approval  ➤ = FTA evaluation, rating, and approval
• To remain competitive for federal funding, **FFGA execution should occur in FY18**

• FFGA application needs to be submitted by **early January 2018**
  - Estimate based on current $2.9B, $YOE (w/ financing costs, $3.1 B)
  - Schedule based on mid-2024 revenue service date.

• To execute FFGA by Sept. 30, 2018, **FTA is not able to review cost estimates with the cost savings** for inclusion in the approved FFGA cost estimate.
Cost Savings Principles

- Retain Major Project Elements
- Schedule - Maintain FFGA Eligibility
- Efficiency of Design
- Efficiency of Construction
- Risk Allocation and Mitigation
- Operations and Maintenance Considerations
Elevated Guideway Design

Precast Concrete Tubs  ➔  Precast Concrete Girders
Move 185th Station Parking Garage

- 60% Design location
- Proposed location
Next Steps for FFGA

- FFGA Application Submittal: Jan 2018
- FTA completes readiness review: March 2018
- Executive Branch Review: May 2018
- Congressional Review: June 2018
- *Potentially executing the FFGA: July 2018
- Begin major construction: early 2019
- Revenue Service Date: mid 2024

*Top project risk