



 **SOUNDTRANSIT**

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

ST 2 Cost Estimate	\$2,418.2 billion (YOE\$)
60% Design Cost Estimate	\$2,934.8 billion (YOE\$)

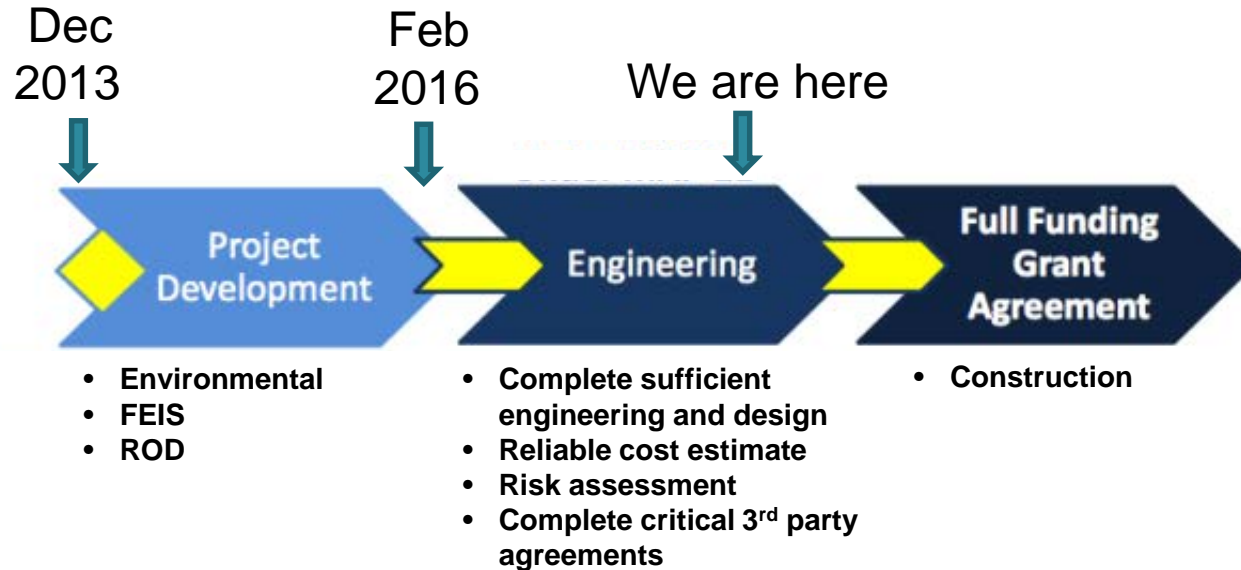
Project Schedule - extended revenue service date to mid-2024 to incorporate cost savings measures

- 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



Legend



= FTA approval



= FTA evaluation, rating, and approval

Lynnwood Link FFGA Road Map

- 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

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



SOUND TRANSIT

153B

Link

SOUND TRANSIT



SOUNDTRANSIT

RIDE THE WAVE



SOUNDTRANSIT