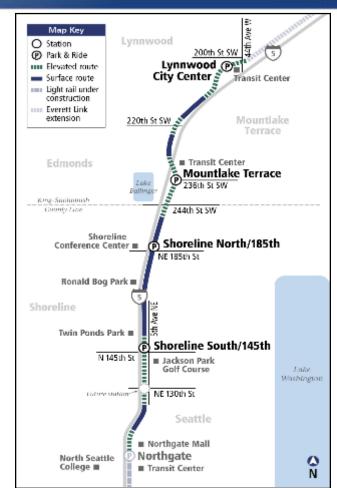


Lynnwood Link Extension

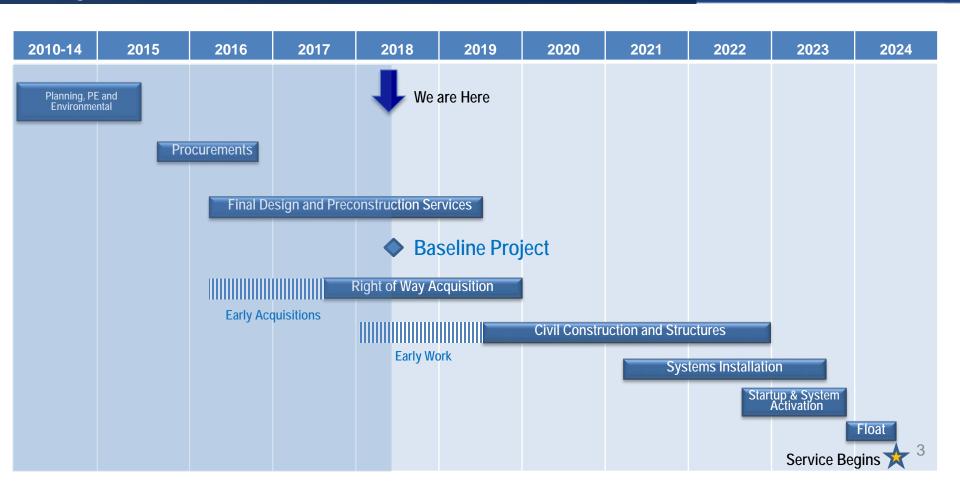


- Alignment and station locations selected in April 2015 (R2015-05)
- 8.5 miles fully-exclusive extension from Northgate to Lynnwood with 4 stations
- 1,500 added stalls of park-and-ride capacity (30% increase in the corridor)
- 63,000-74,000 riders/day in 2035; up to 22,000 new
- Lynnwood to Downtown Seattle: 28 minutes
- Four minute headways during peak hours



Project Timeline





Project Cost Background

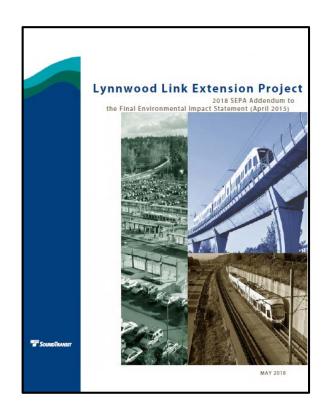


- In August 2017, 60% design and cost estimates were presented to the Board
- At that time, the cost estimate of the Lynnwood Link project, including its share of the OMF-East, and Light Rail Vehicles was \$2.9 billion, excluding finance costs
- Cost reduction efforts were initiated and now the cost savings ideas have been incorporated into design

Project Readiness



- Environmental Review completed –
 SEPA Addendum issued
- All FFGA Critical Agreements have been executed
- FFGA Application formally submitted to FTA



Upcoming Project Activities



- Early Demolition contract executed
- Advance utility relocation is underway
- Major Land Use Permit Applications being prepared
- ROW Certification nearly completed
- Open House public meetings planned for June and July



Today's Action



- 1. Baseline the Lynnwood Link Extension Project
 - Scope
 - Schedule
 - Budget
- 2. Reduce the 2018 annual project budget
- Change the location of the 185th Street Station Parking Garage from the west side of I-5 to the east side of I-5, adjacent to the station

Project Baselining



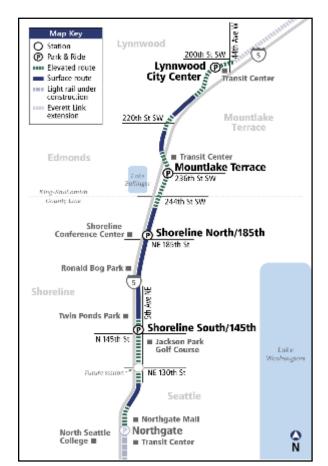
"...baselining establishes a credible scope, schedule, and budget, and provides a basis against which to measure project progress" (Sound Transit Project Control Policies and Procedures - 21)

Lynnwood Link Extension Scope



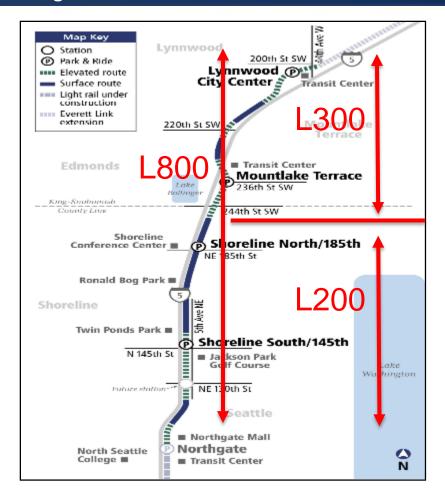
Baseline Project Scope

- 8.5 miles of double-track light rail
- 4 stations
- 3 parking facilities totaling 2500 spaces
- 6 traction power sub-stations
- Train control systems (signals)
- Communication systems
- 2 major Civil Construction contracts
- 1 major Systems Contract
- System-wide contracts (signage, fare collection, etc.)
- Various work by others



Major Construction Packages





Construction will be delivered via Heavy Civil GC/CM

- L200 Civil
 - Northgate Station to NE 200th St.
- L300 Civil
 - NE 200th St to Lynnwood Station
- L800 Systems
 - Entire Alignment

Proposed Baseline Schedule



Key Schedule Milestone	Date
Begin Civil Construction (L200/L300)	1/2/2019
Open Lynnwood Transit Center Garage to Public	1/13/2023
Complete Civil Construction (L200/L300)	5/9/2023
Complete Systems Construction (L800)	9/15/2023
Begin Revenue Service	7/17/2024

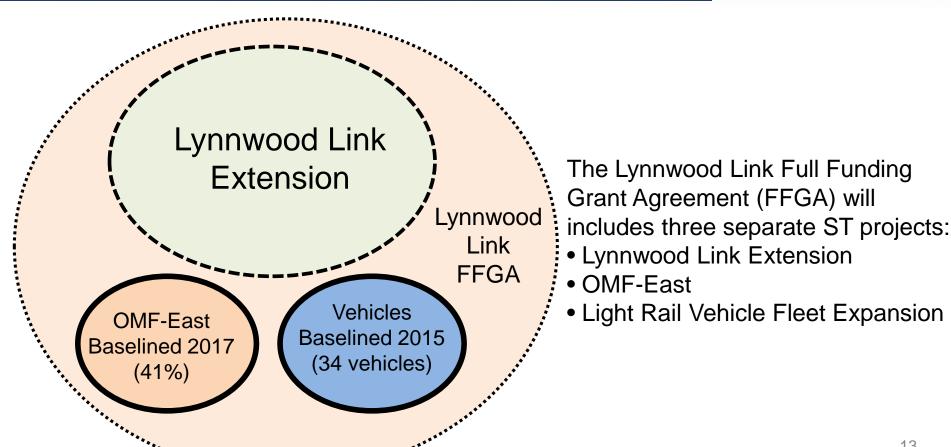
Proposed Baseline Budget



Budget Phase	Baseline Budget (YOE\$, M)		
Administration	\$	98.2	
Preliminary Engineering	\$	39.1	
Final Design	\$	164.2	
Construction Services	\$	128.4	
Third Parties	\$	14.6	
Construction	\$	1,921.4	
Right of Way	\$	235.7	
Project Contingency	\$	170.2	
Lynnwood Link Extension Project Total	\$	2,771.6	

Lynnwood Link FFGA





Lynnwood Link FFGA Summary



Lynnwood Link Extension Project Total		2,771.6
OMF East (41% allocation)	\$	184.2
Light Rail Vehicles (34 vehicles)	\$	169.0
Expended Prior to PD (not FFGA eligible)	\$	(19.8)
	Ψ	(10.0)
Subtotal	\$	3,105.0
Finance Charges	\$	155.4
Lynnwood Link FFGA Total	\$	3,260.4*

^{* \$1.17} billion is the federal share

Risk Assessment Results



Cost

- Sound Transit's risk model indicated >90% confidence that project will be completed for less than \$2.601B
- The \$170.2M difference between Sound Transit's and FTA's estimates will be placed in a project contingency

<u>Schedule</u>

- >80% confidence in Target Revenue Service Date July 17, 2024
- Schedule contains 8 months of project float

Project Affordability

SoundTransit

- The Project Baseline Budget is affordable within Sound Transit's long term financial plan, which assumes the award of an FFGA for \$1.17B
- If award of major construction contracts is delayed past Q4 2018 due to uncertainties in federal funding, the baseline budget and schedule would need to be reviewed for potential impacts

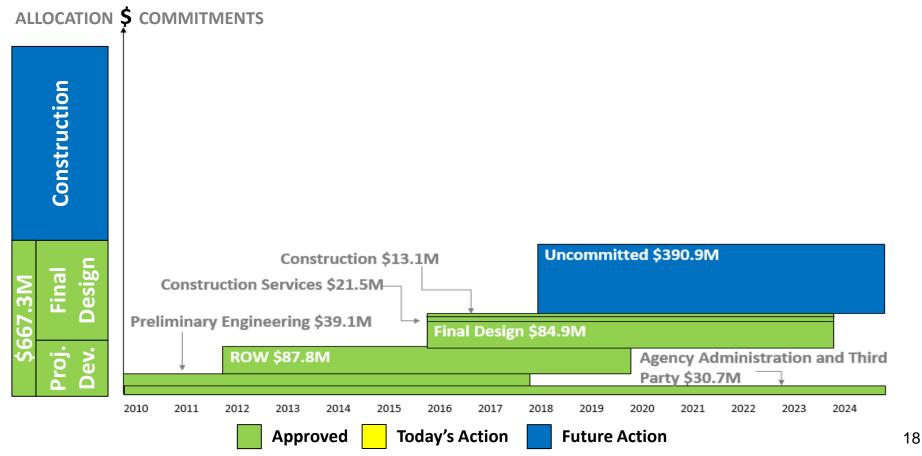
Top Risks



- FFGA approval and execution schedule
- Permitting Cities, WSDOT, Resource Agencies
- ROW acquisition in time for construction
- Construction market conditions price escalation, shortages
- Differing site and underground utility conditions

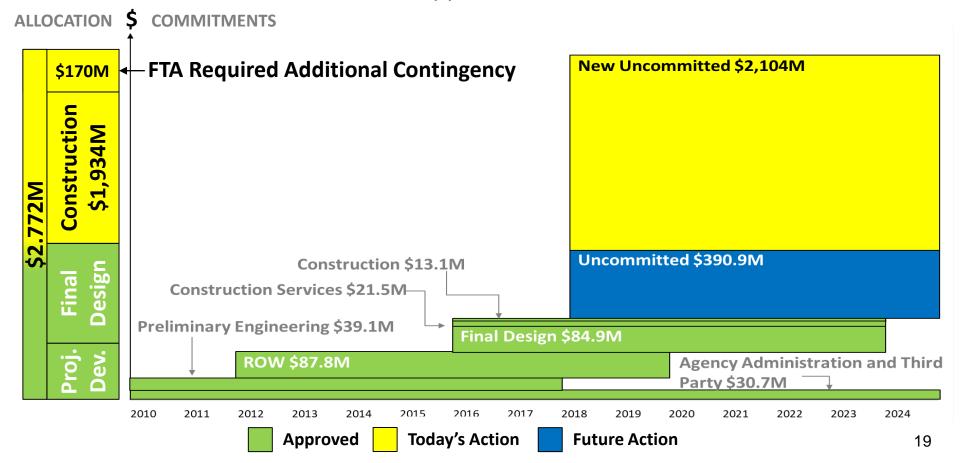


LYNNWOOD LINK EXTENSION: Authorized Project Allocation \$667.3M





LYNNWOOD LINK EXTENSION: Board Approves Baseline \$2.77B



2018 Annual Project Budget Revision



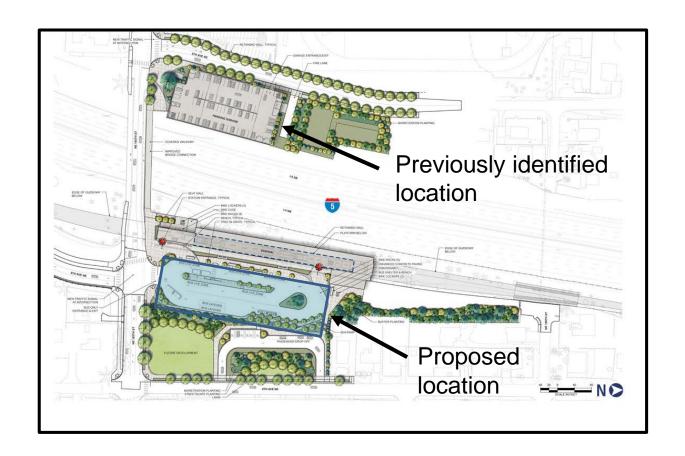
Lynnwood Link Extension

(in thousands)

	Annual Project Budget			
Project Phase	Adopted 2018 Annual Project Budget	Budget Revision	Revised 2018 Annual Project Budget	
Agency Administration	\$10,960	\$(504)	\$10,456	
Preliminary Engineering				
Final Design	29,906	12,425	42,331	
Third Party Agreements	7,403	(4,499)	2,904	
Right of Way	141,879	(11,416)	130,463	
Construction	34,000	(16,391)	17,609	
Construction Services	27,532	(2,039)	25,493	
Vehicles	0	0	0	
Project Contingency	0	0	0	
Total	\$251,680	\$(22,424)	\$229,256	

Move 185th Station Parking Garage





Next Steps



Begin Early Demolition activities

June 2018

Receive and evaluate Cost Saving Estimates

July 2018

Submit Major Land Use Permit Applications

Aug/Sep 2018

Award First Construction Contract

Nov 2018

Finalize 90% Guideway, Station & Garage Designs

Dec 2018

• Begin Construction

Jan 2019

