

Federal Way Link Extension

Project Update July 2018



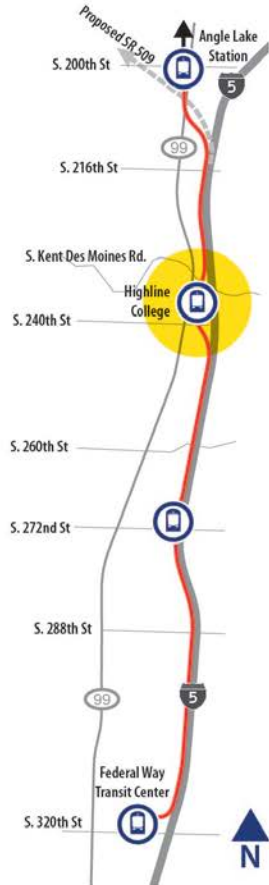
Project Corridor Map



Diagrams are for illustration purposes only and are not to scale.

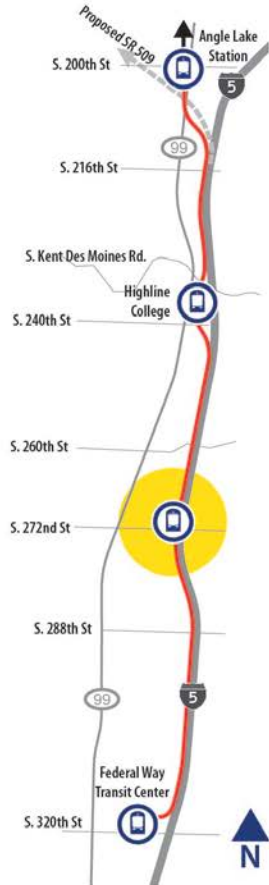
Not to Scale

Kent/Des Moines Station Area



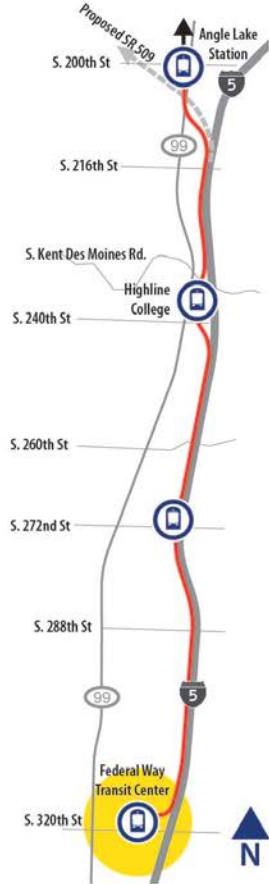
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For illustration and discussion purposes only.

South 272nd Street Station Area



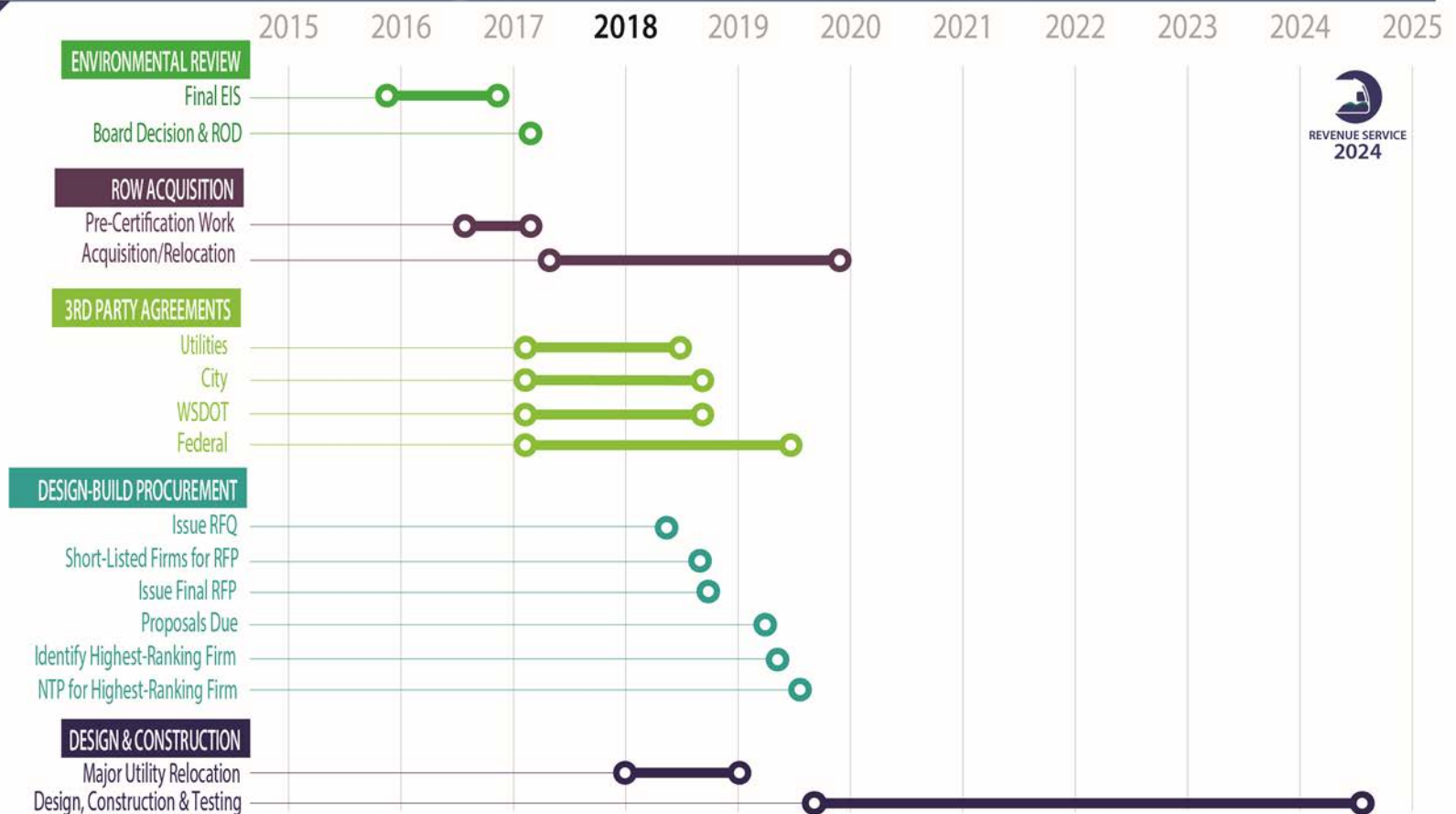
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For illustration and discussion purposes only.

Federal Way Transit Center Station Area



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2015-2025 Project Timeline



Project Allocation

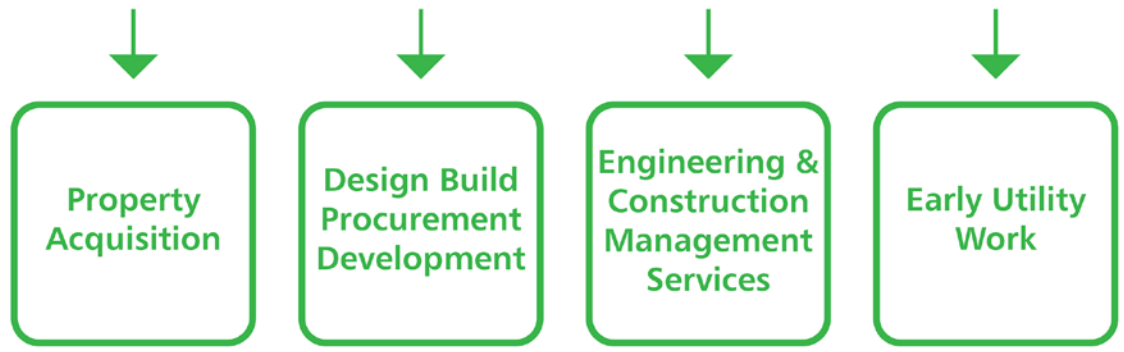
Allocation



Project allocation to date

\$412M

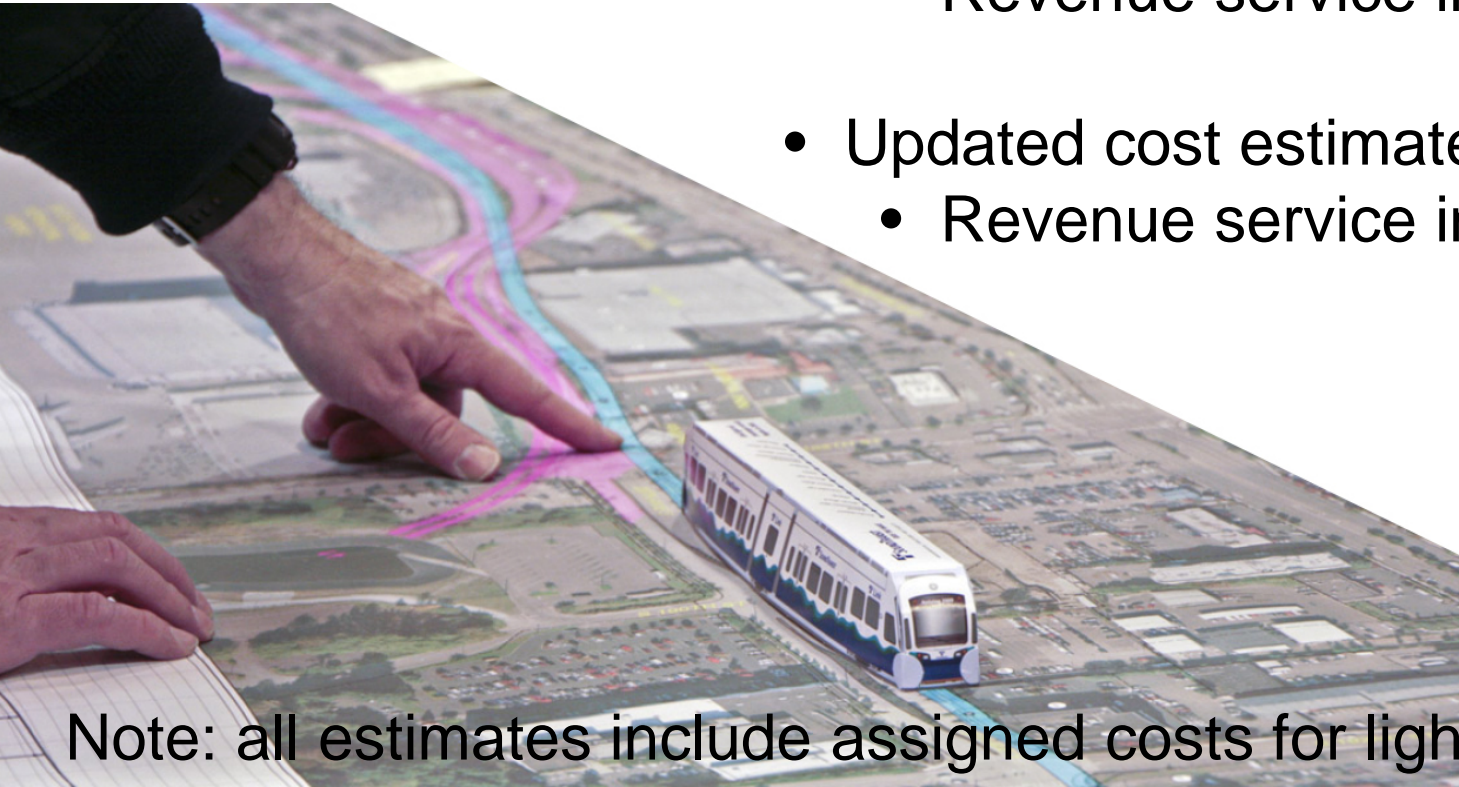
Phase Gate 4 authorized (2017)



Project to be baselined in late 2018

Cost Estimates (in Year of Expenditure)

- ST2/3 cost estimate: up to \$2.088B
 - Revenue service in 2024
- Updated cost estimate: \$2.55B
 - Revenue service in 2024



Note: all estimates include assigned costs for light rail vehicles.⁸

ST2/3 Cost Estimate vs. Current Cost Estimate

	ST2/3 Estimate	Current Estimate	Variance	% Change
ST PHASE	(YOE\$, M)			%
Administration	\$ 98.9	\$ 96.52	-\$2.4	-2.4%
Preliminary Engineering	\$ 51.2	\$ 43.67	-\$7.5	-14.7%
Final Design	\$ 129.4	\$ 3.09	-\$126.3	-97.6%
Right of Way	\$ 235.0	\$ 341.57	\$106.5	45.3%
Construction	\$ 1,344.8	\$1,831.95	\$487.2	36.2%
Construction Services	\$ 99.2	\$ 107.01	\$7.8	7.9%
Third Parties	\$ 32.7	\$ 27.74	-\$5.0	-15.3%
Vehicles	\$ 97.5	\$ 97.5	\$0	
Total (excludes finance charges)	\$ 2,088.7	\$ 2,549.0	\$ 460.3	22.0%



Major Factors Increasing Cost Estimates

- Continued rise in construction Market ~ 36%
 - Skilled labor shortage
 - Equipment demand
 - Materials: i.e. lumber, concrete, steel, aluminum, copper
- Continued rise in real estate acquisition/market conditions and relocation costs ~ 45%

What We Are Doing to Lower/Control Costs




- Design Build Delivery Method contains costs
- Updated Agency Criteria and Standards focused on cost containment
- Working with our 3rd party partners to optimize project scope
- Risk assessment and Peer Reviews to focus on risk management and cost containment

Top Risks

- Construction market conditions - competition, price escalation, labor shortages
- Property acquisition and relocations completed in time for construction
- FFGA uncertainty at Federal level may impact schedule
- Timely third party approvals - FTA, Cities, WSDOT, FHWA



Next Steps

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- 2018 ● Complete ROW certification
 - 2018 ● Finalize our Transit Way and Development agreements with the Cities
 - 2018 ● Baseline the project and seek approval to enter phase gate 4
 - 2018 ● Issue the Design Build Request For Proposal
 - 2018 ● Finalize and submit FFGA application
 - 2019 ● Execute FFGA
 - 2019 ● Issue Notice to Proceed to Design Build contractor
 - 2019 ● Complete ROW acquisition
 - 2024 ● Begin Revenue Service



SOUND TRANSIT

153B

Link

SOUND TRANSIT



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RIDE THE WAVE

