

# *Series 3 LRV Project*

*System Expansion Committee*

*05/12/22*



# Background

- November 8, 2016 voters approved the Sound Transit 3 (ST3) ballot measure
- Current fleet includes two types of Light Rail Vehicles (LRV)
- Series 2 order in-progress to support Link openings through 2024
- Procurement of new Series 3 LRVs necessary for ST3 projects including Link extensions to Tacoma and West Seattle by 2032



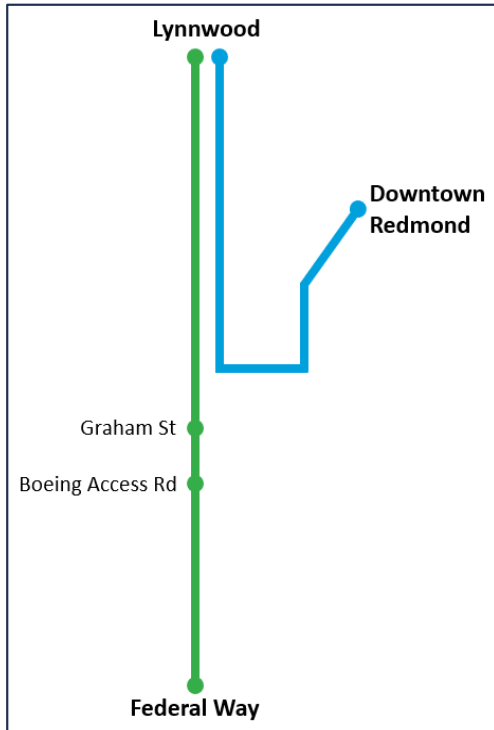
*Series 1 LRV*



*Series 2 LRV*

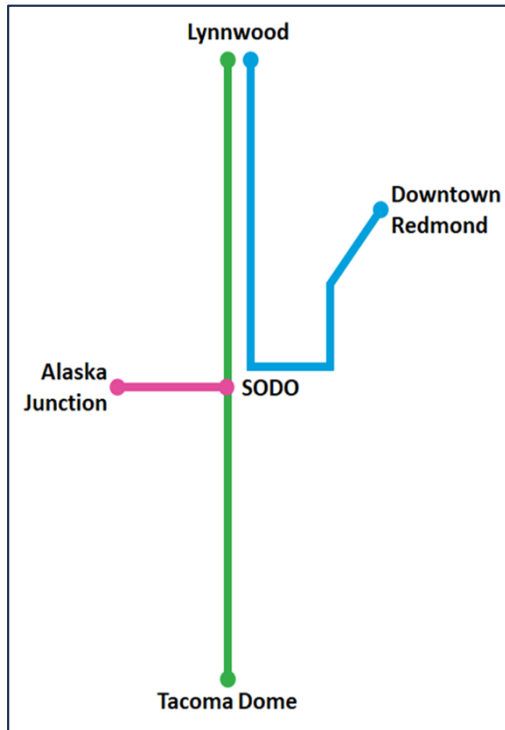
# Rail Fleet Management Plan - in progress

2031 – Infill Stations



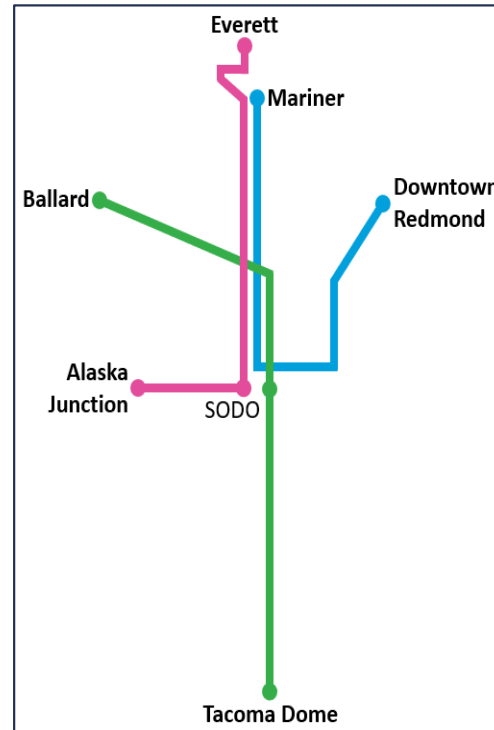
~6 additional LRVs needed

2032 - Tacoma Dome & West Seattle



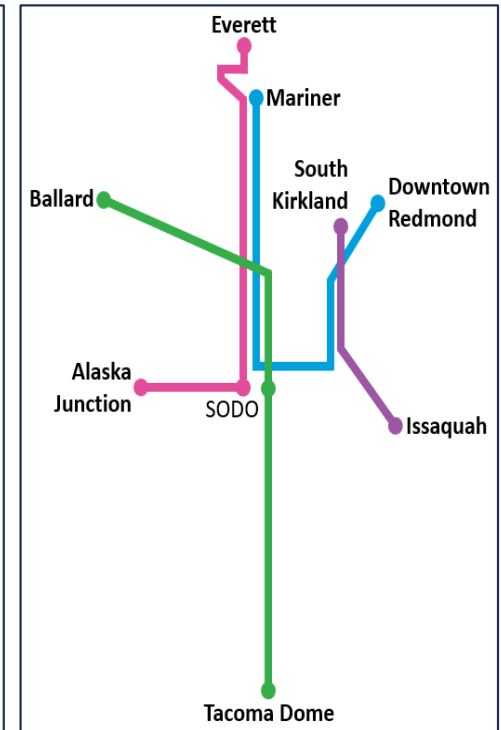
~100 additional LRVs needed

2037 Ballard, Everett & New Tunnel



TBD additional LRVs

2041 South Kirkland to Issaquah



TBD additional LRVs

## ***Series 3 LRV Project Development Scope***

- Engineering and Project Management Services contract
  - Advertise in 2<sup>nd</sup> Quarter 2022
  - Board consideration of intent to award in October 2022
- Develop specifications and request for proposals to manufacture and delivery of approximately 100 new LRVs
- Update Rail Fleet Management Plan for ST3 Link projects scheduled to open by 2032
- Advertise LRV fleet expansion materials/goods contract
- Establish Project Baseline scope, schedule and budget (future Board action in late 2024/early 2025)

# Project Budget

Phase	Proposed Budget	Annual Cash Flow Projection						
		2022	2023	2024	2025	2026	2027	Future
Administration	\$ 6,243,000	\$ 702,000	\$ 1,682,000	\$ 1,733,000	\$ 2,126,000	\$ -	\$ -	\$ -
Construction Services	\$ 26,757,000	\$ 561,000	\$ 1,263,000	\$ 1,501,000	\$ 1,567,000	\$ 1,457,000	\$ 1,506,000	\$ 18,902,000
Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total (YOES)</b>	<b>\$ 33,000,000</b>	<b>\$ 1,263,000</b>	<b>\$ 2,945,000</b>	<b>\$ 3,234,000</b>	<b>\$ 3,693,000</b>	<b>\$ 1,457,000</b>	<b>\$ 1,506,000</b>	<b>\$ 18,902,000</b>

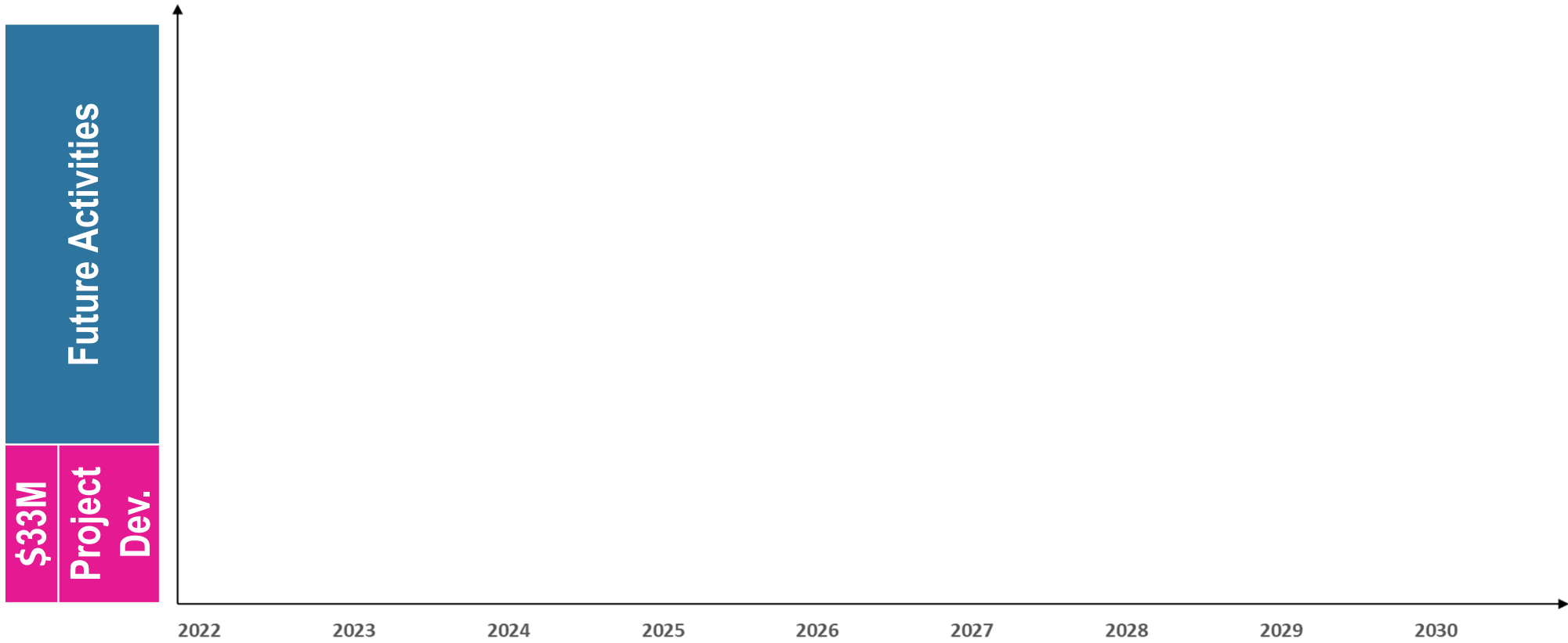
## Schedule Milestones

- Project Initiation: **May 2022**
  - Engineering and Project Management Services NTP: **4Q 2022**
  - Project Baseline: **1Q 2025**
  - LRV Procurement contract NTP: **1Q 2025**
  - Delivery of first & last Series 3 vehicle: **3Q 2029 – 3Q 2032\***
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Illustrative - Not to Scale

## Series 3 Light Rail Vehicle: Board Approves Authorized Project Allocation: \$33M

ALLOCATION \$ COMMITMENTS



Thank you.

*Thank you.*



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