

# *ST3 Light Rail Service and Fleet Planning*

*Board of Directors  
04/25/2024*



# *Why we are here*

## *Today's agenda*

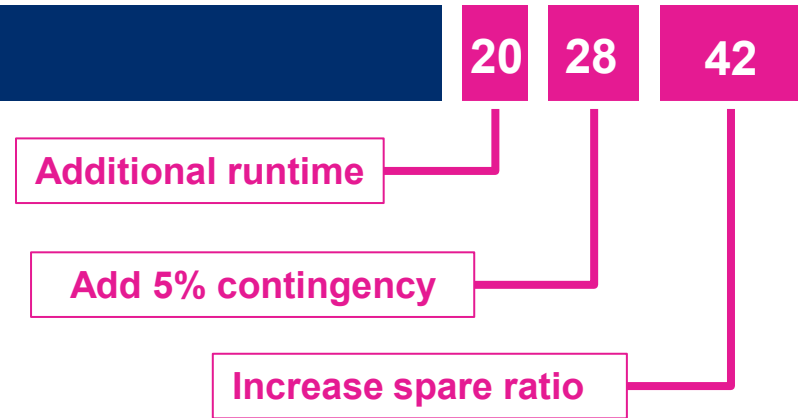
- Receive Board feedback on staff recommendation made in March
- Direction to staff desired, but no formal action required
  - Actions would be taken through the annual Service Implementation Plan and individual capital project decisions

# The big drivers of long-term, ST3 need

**460 vehicles assumed in agency finance plan**

**550 vehicles would be needed to meet planned ST3 service level if pressures not addressed**

**Light rail fleet & operating pressures are leading to needing more fleet than currently planned to provide assumed service levels**



- ① Ballard–Tacoma
- ② Mariner–Redmond
- ③ Everett–West Seattle
- ④ Kirkland–Issaquah
- OMF



# Staff Recommendation

1. *Pursue promising efficiencies*
2. *Tailor planned peak service to demand at ST3 completion*
  - 1 Line @ 5-minutes, 2 & 3 Lines @ 8-minutes with 4-car trains
    - 4-minutes combined from Chinatown/Int'l District to Mariner
  - 4 Line @ 16-minutes with 2-car trains
3. *Remain flexible as new extensions open*
  - Monitor demand; update service plans annually
  - Include options for additional vehicles in Series 3 procurement
    - Baseline early 2026
  - Include option for additional capacity at OMF-South in procurement
    - Select project to build Q2/Q3 2024; baseline latter half of 2025
  - Assess expansion options at other OMF locations
    - Select OMF North project to build mid-2027; baseline 2028/2029
  - Explore alternate service patterns that might reduce vehicle needs

# Schedule & Next Steps

## 2023

- April: vehicle storage shortage & Lynnwood service
  - June: long-term light rail fleet & storage challenges
  - Sep/Oct: ST2 light rail service & passenger experience
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## 2024

- March: ST3 light rail service and ridership demand
- April: seek Board concurrence or revision to staff recommendation
- **Following Board direction**
  - Codify planned ST3 service in the annual Service Implementation Plan, approved by the Board each year
  - Update the FTA-required Rail Fleet Management Plan
  - Highlight capital project choices that affect fleet and service
  - Provide progress updates at least annually

*Thank you.*



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