

ST3 Light Rail Service and Fleet Planning

*Rider Experience and Operations Committee
04/04/2024*

Why we are here

Today's agenda

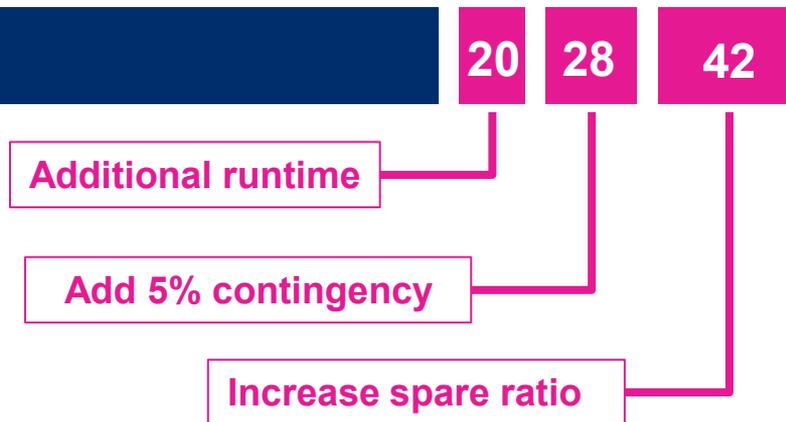
- Receive Board feedback on staff recommendation made in March
- Direction to staff desired, but no formal action required
 - Actions would be taken through annual Service Implementation Plan and individual capital project decisions

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





Staff Recommendation

- Pursue promising efficiencies**
- 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
- Remain flexible as new extensions open**
 - Monitor demand
 - Include options for additional vehicles in Series 3 procurement
 - Include option for additional capacity at OMF-South in procurement
 - Assess expansion options at other OMF locations
 - 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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