

Capital Program Performance

*Citizen Oversight Panel Meeting
10/31/2019*

Why we are here

- Today we are here to provide information on Capital program performance
 - Budget
 - Schedule
 - Project Risks



Operations and Maintenance Facility – East



- Trending well within Project Budget of \$449.2M
- On schedule for opening by 2020
- 61% Complete
- Project Risks:
 - Unanticipated civil and systems contract interface issues
 - Safety certification delay
 - Change in project requirements

Light Rail Vehicle Fleet Expansion



- Trending well within Project Budget of \$740.7M
- Initiated recovery schedule
- 26% Complete
- Project Risks:
 - Achieving and maintaining LRV delivery schedule
 - Maintaining quality workmanship during production
 - Re-work and resource constraints during on-site LRV testing



Northgate Link Extension

- Trending well within Project Budget of \$1,899.8M
- On schedule for Revenue Service by September 2021
- 87% Complete
- Estimated Savings of \$52.4M
- Project Risks:
 - Systems installation and integration
 - Testing/Startup and Commissioning
 - Coordination with third parties including vibration testing with UW
 - Additional work directives issued for necessary changes late in construction have the potential to impact substantial completion for station contracts

Hilltop Tacoma Link Extension



- 20% probability of completing the project within budget of \$217.3M, unless risks are mitigated
 - Identifying and managing construction risks to reduce cost impacts
- On schedule for Revenue Service by May 2022
- 42% Complete
- Project Risks:
 - Tight budget and limited contingency
 - Unidentified subsurface conditions and utility relocations
 - Potential claims - interpretation of contract provisions for work in street right of way
 - Increased need for design support
 - Stakeholder and neighborhood impacts during construction

East Link Extension



- Trending well within Project Budget of \$3,677.2M
- On schedule for Revenue Service by June 2023
- 66% Complete
- Project Risks:
 - Connect 2020 tie-in to Central Link
 - Complete installation of track bridges and attachments
 - Maintaining station construction schedules
 - Systems installation and integration
 - Emerging changes to scope



Lynnwood Link Extension

- Market trends and current estimates are creating pressure on project contingency levels and the baseline budget of \$2,771.6M
 - Assessment of cost, contingency and budget underway
- 4% Complete; Board consideration of planned contract modifications in August 2019
- On schedule for Revenue Service by July 2024
- Project Risks:
 - Long lead procurement of girders and other key resource delays.
 - Coordination of interfaces and potential for civil to delay systems.
 - Obtaining permits—Cities, WSDOT and resource agencies.
 - Timely completion of utility relocation and ROW acquisition.
 - Relationship with GC/CM contractors and culture of the project.
 - Tight budget and limited contingency.



Downtown Redmond Link Extension

- Trending well within Project Budget of \$1,530.0M
- On schedule for Revenue Service by December 2024
- Board consideration of design-build contract July 2019
- Project Risks:
 - Timely completion of right-of-way acquisition and relocations
 - Timely review of design packages by jurisdictional partners
 - Obtaining final permits for construction
 - Construction market conditions
 - Differing site conditions encountered during construction



Federal Way Link Extension

- Trending well within Project Budget of \$2,451.5M
- On schedule for Revenue Service by December 2024
- Board approved design-build contract May 2019
- Project Risks:
 - Timing of FFGA remains uncertain
 - Timely review of design packages by jurisdictional partners
 - Timely agreement for Midway Landfill crossing
 - Timely completion of right-of-way acquisition and relocations
 - Timing of third party utility relocations

Key Takeaways

- Budget
 - Projects generally tracking within budgets
 - Tight budget and cost pressure remain on Hilltop Tacoma and Lynnwood Link Extensions
- Schedule
 - All projects proceeding on schedule
- Risks
 - Active risk monitoring and mitigation continues on all projects

Thank you.



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