# 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

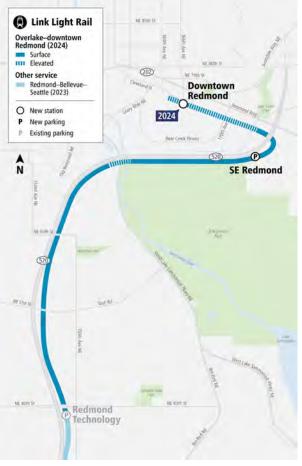




## Lynnwood Link Extension

- 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





## 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







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