Passenger Impact Portfolio Plan

Rider Experience and Operations Committee

09/07/23
Why we are here

• Passenger Impact Portfolio Plan
• Royal Brougham Closure Recap
• Othello & Rainier Beach Station Platform Platform Rehab
• Planned for Q4 2023

The purpose of this presentation is for information only. No Board action is expected today.
Passenger Impact Portfolio Plan

PROGRAM GOALS
• Coordinate and schedule projects to minimize service impacts
• Integrate this activity as a regular business function

METHODOLOGY
• Passengers are our customers
• Preservation of planned service and urgency to return to full planned service
• Minimal disruption to passengers and passenger flow
• Project delivery efficiency (shared disruptions and mobilizations)
Royal Brougham Grade Crossing
Closure Recap

• Royal Brougham Grade Crossing repair work was executed as planned
• Actual headways experienced by passengers were slightly longer than predicted
• Multiple projects shared the closure to reduce the number of future service disruptions in the Downtown Tunnel
Royal Brougham Grade Crossing
Additional Projects Completed During Closure

• 26kV System Assessment
• SB Damaged Rail Replacement
• E130/E110 Plinth Repair
• Bond Box Repair
• Eastlink Signal System Tie-in Pre-work
• Central Link Fiber Upgrade Program Survey
• Westlake Tunnel Crown Repair Scaffolding Removal
Project to replace existing porcelain tiles with new polymer composite tiles. Coat platform edge to improve electrical safety.

- **Why this is necessary:** Majority of the tiles are cracked and broken and they pose a safety risk to passengers and are not ADA compliant. Platform edge poses risk of electrical arcing due to lack of protective edge coating.

- **Passenger benefit:** Improves passenger safety on the platform

- **What is the expected service impact:** Continuous single tracking at segment spanning both stations (14 days per side). 15-minute headways systemwide.
Othello & Rainier Beach Station Platform Rehab
Secondary Work During Closure

- Safety Striping refresh and LOOK pavement markings done by SDOT
Work Being Planned for Q4 2023

Continued Switch Machine Repairs

- 3 Monday nights to be scheduled
- Night-time single tracking
- Platform closures at Beacon Hill, Mt. Baker, Columbia City, Othello, Rainier Beach Stations
- 25-minute headways systemwide
Next Steps

• Continue coordination of DSTT single tracking and weekend full closures for safety repairs (Bond Box Repairs and Rail Replacement) and for East Link systems tie-in

• Deliver monthly reporting on service disruptions to REO

• Continue development of a permanent office around the Passenger Impact Portfolio Plan to integrate this activity as a regular function
Thank you.

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