



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 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

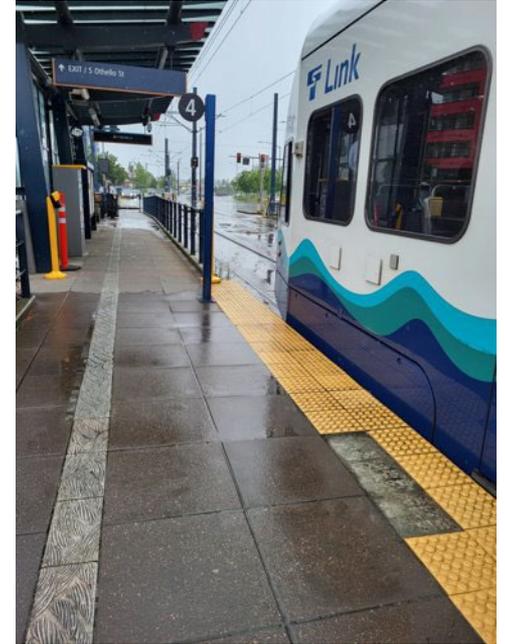


Othello & Rainier Beach Station Platform Rehab

Now Through 9/17

Project to replace existing porcelain tiles with new polymer composite tiles. Coat platform edge to improve electrical safety.

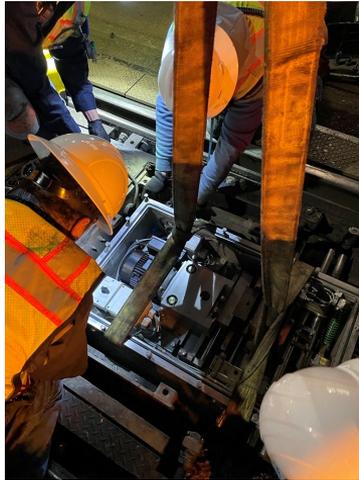
- **Why this is necessary:** Majority of the tiles are cracked and broken and they pose a safety risk to passengers and are not ADA compliant. Platform edge poses risk of electrical arcing due to lack of protective edge coating.
- **Passenger benefit:** Improves passenger safety on the platform
- **What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

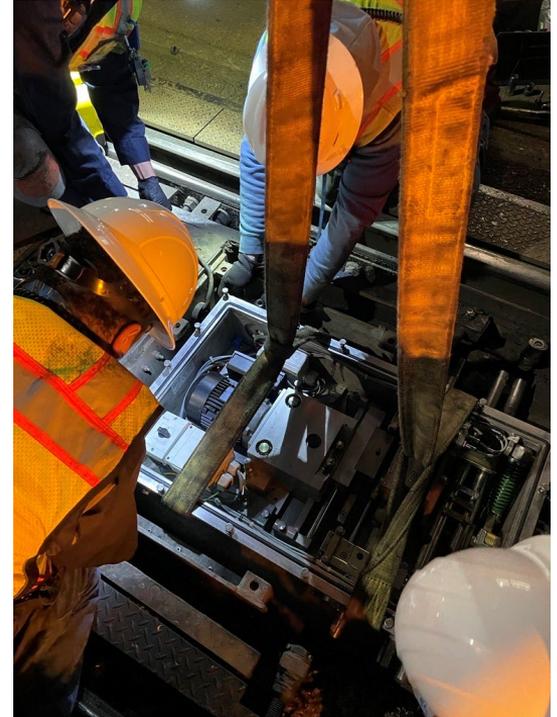
- Safety Striping refresh and LOOK pavement markings done by SDOT



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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