

Improving Link Light Rail Reliability

Unplanned service disruption update

Rider Experience and Operations Committee
10/2/2025

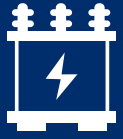


Why we are here

Present on recent unplanned disruptions:

- A review of most significant contributors to recent service disruptions.
 - Why they occurred, what we are doing, and by when.

Update only, no Board action requested



Marymoor Village surge arrestor failure

Root cause

All potential factors identified and under investigation



Surge arrestor replacement

Short-term efforts

- ☐ Proactively replacing surge arrestors
- ☐ Investigating root causes

Target Q4 2025

Longer-term efforts

- ☐ Develop comprehensive, data-driven plan to address root causes

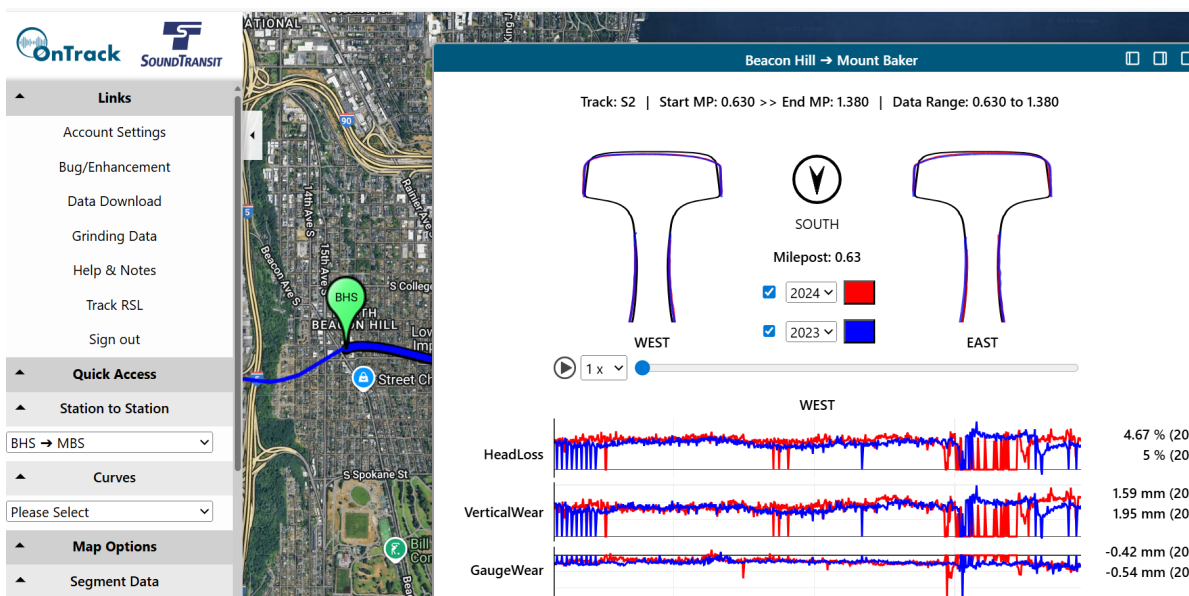
Target Q4 2026



Rail breaks in DSTT

Root cause

Welding quality issues and routine wear



OnTrack Database: Rail Profile

Short-term efforts

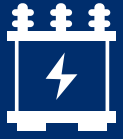
- ☒ Enhanced maintenance practices
- ☐ Complete system-wide proactive detection

Target Q4 2025

Longer-term efforts

- ☐ Complete up to 4x more targeted ultrasonic testing

Target Q4 2026



Wire damage in Redmond

Root cause

Tensioning issue in overhead catenary system (OCS) at unique configuration



OCS

Short-term efforts

- ☒ Ensured proper tension in unique locations
- ☒ Increased inspection frequency

Complete

Longer-term efforts

- ☐ Implement technology to better measure and monitor

Target Q2 2026 (field testing)

What's next

We'll return in December with an update on the overall health of the system and continued progress.

Thank you.



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