



Update on Link projects in construction

*System Expansion Committee
04/13/23*



Why we're here

Quarterly Update on Link projects

- Construction status
- Risks, challenges, & mitigations
- Possible opening timeframes
- Next steps

Briefing only, no action required today.

Hilltop Tacoma

Hilltop Tacoma

Project status

- Final construction & testing. Pre-revenue testing begins in June.

Project risks and mitigations

- Systems Integration Testing and Conditional Acceptance of new Brookville light rail vehicles.
- Completing specified training for pre-revenue phase, and engaging with passengers/communities for start of service.
- Managing risk by bringing on additional commissioning resources and optimizing testing schedule.



Scheduled opening timeframe:
Q3 2023 (late July – early September)

East Link

East Link

Project status: Starter Line

- Ongoing system testing with light rail vehicles.
- Station finishes and safety enhancements underway.
- **Possible opening timeframe: Spring 2024**

Project status: I-90 corridor

- Plinth demolition nearing completion, with floating bridge approaches in progress. Reconstruction increases to six locations later this month.
- **Possible opening timeframe: Spring 2025**



East Link

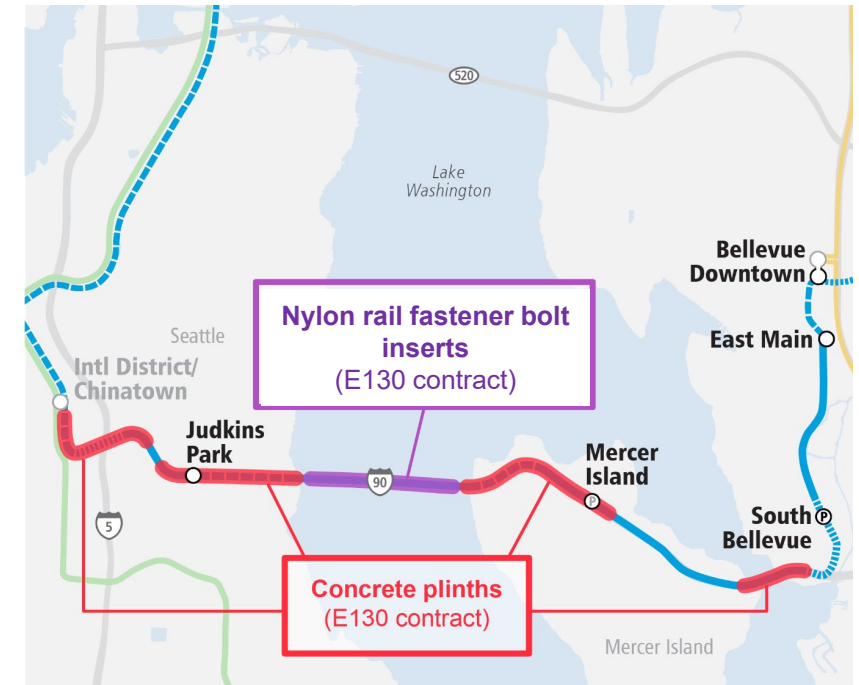
Current risks and mitigations

Starter line

- Bellevue tunnel ventilation testing and commissioning – vendor onsite and engineer checking air flow test parameters
- PIMS installation – frequent meetings with vendor and closely monitoring work product

I-90 corridor

- Track reconstruction progressing slower than planned – contractor has brought on additional field supervisors and ramping up craft labor this month
- If pace does not improve starting this month, Spring 2025 opening in jeopardy of delay
- Active discussions weighing all options



Downtown Redmond

Downtown Redmond

Project status

- Construction on schedule with positive float.
- Track, station, and systems work continue.
- **Opening timeframe: Spring 2025**

Project risks and mitigations

- Execution of operation and maintenance agreements with partner agencies – developing timeline to complete.
- Progress of DRLE construction may provide opportunity for rethinking opening sequencing.



Federal Way

Federal Way

Project status

- Heavy construction underway along guideway, stations, and garages.

Current work

- The first Traction Power Substation was installed in March and will energize this month.
- Rail installation continues.
- Traction power and system work has begun on the north end of the project.



Possible opening timeframe:
2025-2026 (Schedule discussions continuing with contractor).

Federal Way

Project risks and mitigations

- Completed design of long span bridge over risk area to address unstable conditions at one of the guideway structures in Kent, known as "Structure C"; construction is progressing
- Negotiations of schedule and cost impacts underway and expected to be complete by Summer 2023.
- **Possible opening timeframe: 2025-2026.**



***Lynnwood &
NE 130th Street Station***

Lynnwood and NE 130th Street Station

Project status

- Construction on schedule with positive float.
- Lynnwood Transit Center garage to open this month.
- NE 130th Station: Station finishes bid opening this month.
- **Opening timeframes**
 - Lynnwood: Summer/Fall 2024
 - NE 130th Street Station: Summer 2026



Project risks and mitigations

- Availability of support resources for testing and activation – partnering with King County on resource planning.

Light rail vehicle fleet expansion

Light rail vehicle fleet expansion

Project status

- Manufacturing and assembly approx. 80% complete.
- 110 Series 2 vehicles delivered, 74 conditionally accepted for revenue service.
- Series 1 vehicle Automatic Train Protection retrofit underway, 21 of 62 to be complete by end of 2023.

Current risks and mitigations

- Having enough vehicles and vehicle storage to support planned service levels – management, commissioning, and resolution of warranty items to optimize vehicle availability.
- OMF Central yard storage capacity limited to 104 vehicles, and currently assessing alternative storage options and timeframes for access to OMF East.



Possible opening timeframes summary

Link extension	Possible opening timeframe
Hilltop Tacoma	Q3 2023 (late July-early September)
Starter Line	Spring 2024, dependent on resource availability and Board approval
Lynnwood NE 130th Street Station	Summer/Fall 2024, dependent on resource availability Summer 2026
East Link & Downtown Redmond	Spring 2025
Federal Way	2025-2026, dependent on contractor negotiations.

Next steps

- Continue to advance projects safely and efficiently as possible.
- Programmatic risk assessment update in third quarter.
- Establish Hilltop opening schedule.
- Focus on resources needed for opening of each line.
- Next update in 3rd quarter.

Thank you.



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