



Update on Link projects in construction

System Expansion Committee

11/10/22



What we'll cover today

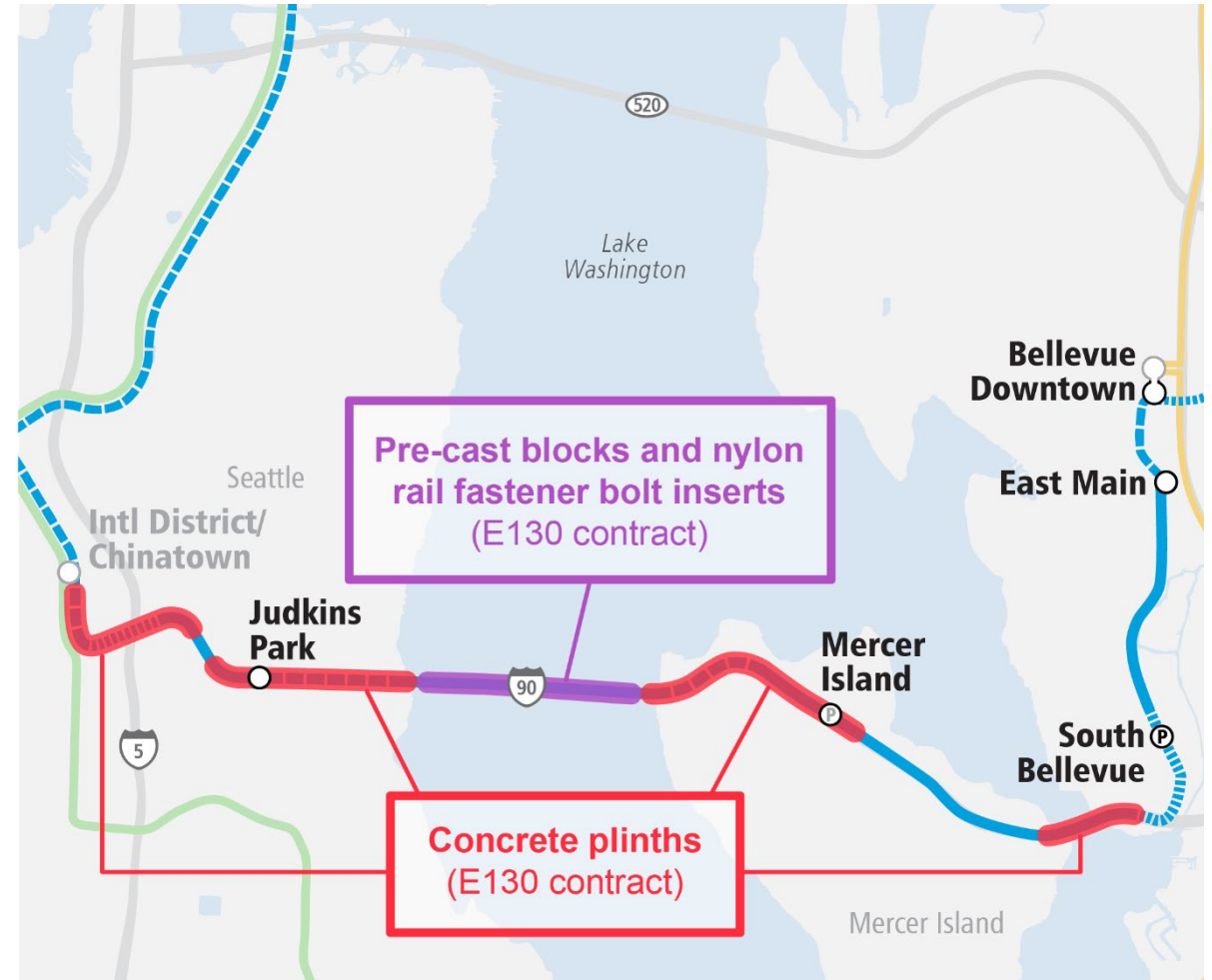
- **Brief update since August on Link projects in construction and current risks**
- **Preview of comprehensive presentation coming to SEC in December**

***East Link Extension
Update***

Top risks to East Link schedule

As of August 2022

- **Concrete plinths** on the I-90 segment east and west of Lake Washington
- **Pre-cast blocks and nylon rail fastener bolt inserts** on the I-90 floating bridge



East Link update since August

- **Concrete plinths** demolition over 60% complete in two work zones with demolition beginning in eight additional segments over next few months
- **Plinth reconstruction** to start in November
- **Nylon inserts** being replaced concurrently
- **Quality oversight** and **training** continue

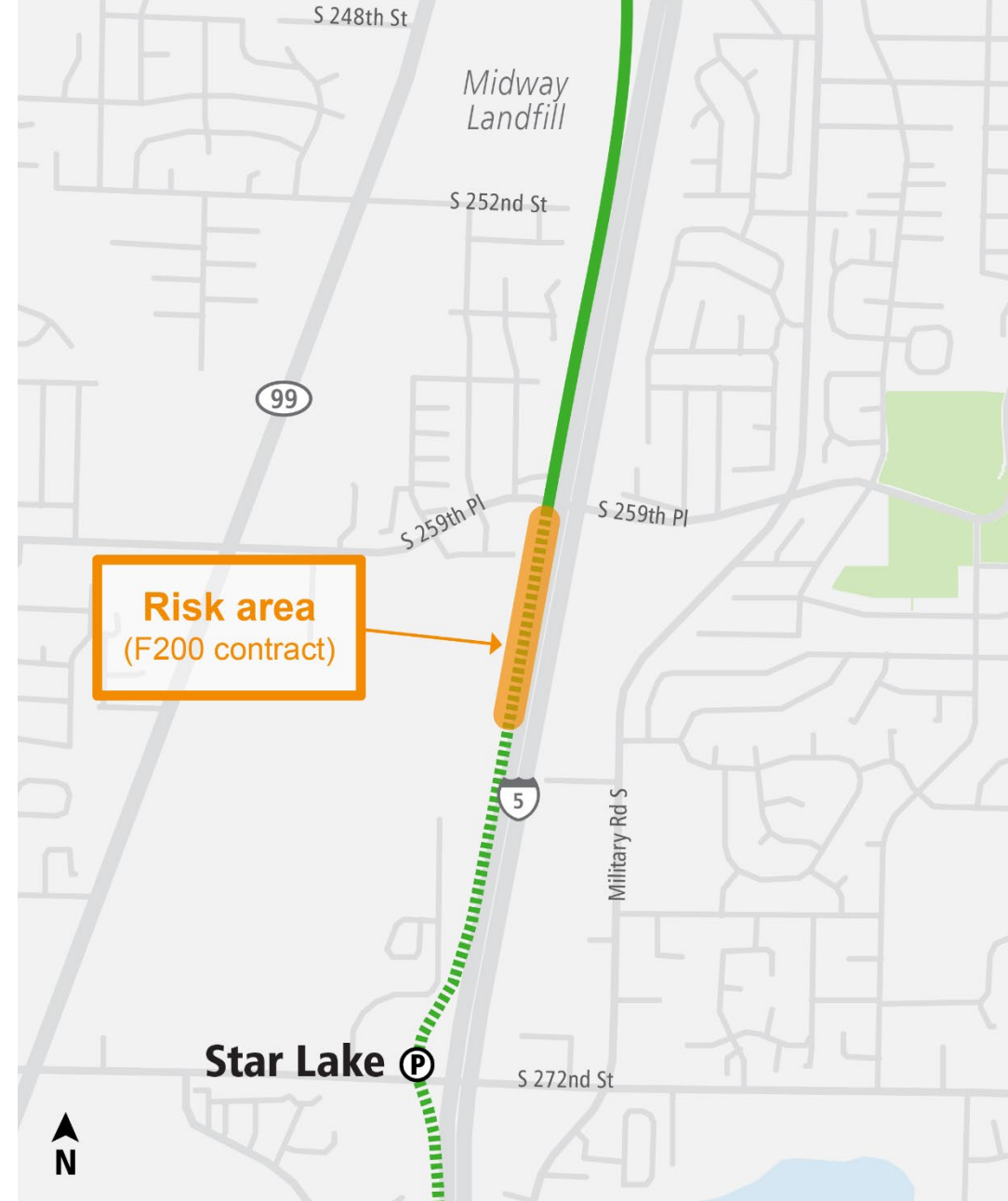


***Federal Way Link Extension
Update***

Top risk to Federal Way Link schedule

As of August 2022

Unstable ground conditions in a liquefaction zone along a section of the alignment in Kent may require a new construction approach.



Federal Way update since August



- **Slope stabilized** through installation of a buttress of heavy rocks
- Design-builder advancing **long-span bridge design** over risk area
- Staff working with design-builder to evaluate and **mitigate schedule impacts**

***Lynnwood and Downtown
Redmond Link Extensions
Update***



Lynnwood Link Extension

- **August 2022:** Concrete strike and pandemic-related impact assessment, limited known risks.
- **Since August:** Construction continues without additional risks identified.



Downtown Redmond Link Extension

- **August 2022:** Concrete strike and pandemic-related impact assessment, power connections issues, staffing shortages.
- **Since August:** Power connections issues resolved; Construction continues without additional risks identified.

***Look ahead:
December SEC Meeting***

December SEC Meeting

- Results of Programmatic Quantitative Risk Assessment:
 - Considers systemwide impacts as well as risks from individual projects.
 - Focus on construction completion and requirements for starting operations.
 - Sequencing options.
- Describe potential project opening timelines.

December SEC Meeting (con't)

- Starter 2 Line preliminary feasibility analysis outlining:
 - Service description and frequency.
 - Operating and capital requirements.
 - Opportunities, challenges, and risks.
 - Potential timeframes.

- Potential next steps for the Sound Transit Board.

Thank you.



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