

Lynnwood Link Extension Project Update

System Expansion Committee

6/10/21



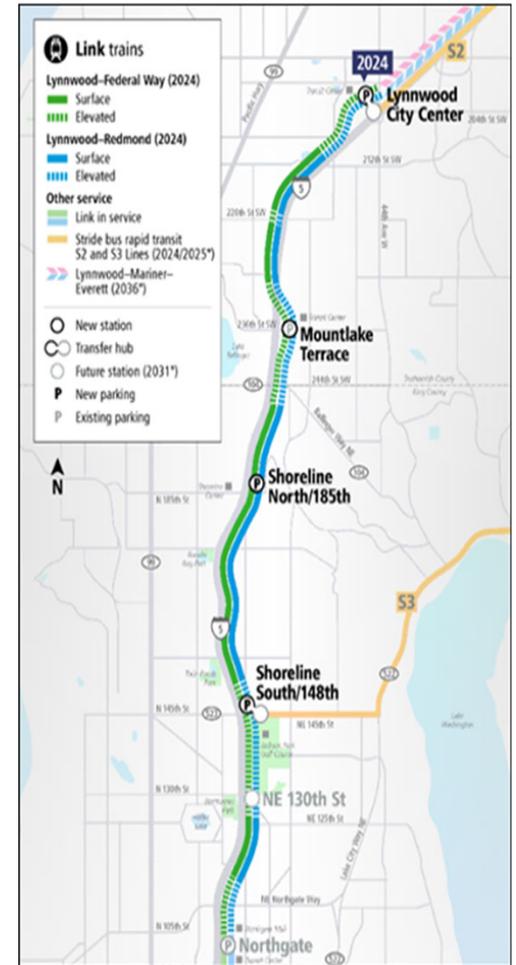
Why we are here

- Provide a general project progress update on the Lynnwood Link Extension
- Provide a general project progress update on the NE 130th Street Infill Station

***Lynnwood Link Extension
Project Overview***

Project Overview

- 8.5 miles of aerial and at-grade guideway
- Entirely grade-separated
- Four new Link stations
- Three new public parking garages
- Civil construction underway via two Heavy Civil GC/CM contracts
- Systems equipment and materials procurements underway, also via a Heavy Civil GC/CM contract
- Revenue Service projected mid-2024

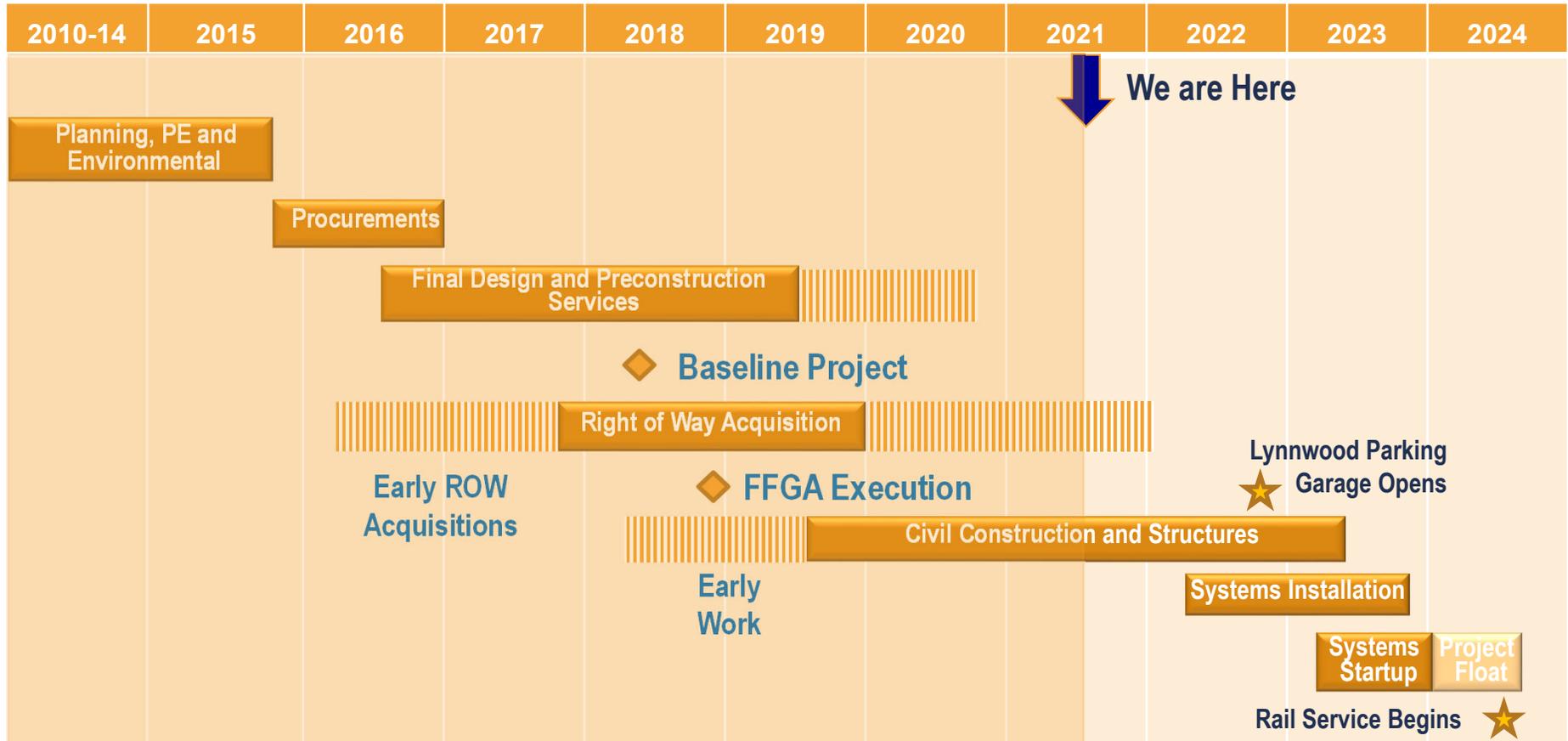


Financial Snapshot

Project Baseline Budget	\$2,771.6 M
Committed	\$2,434.0 M 88%
Incurred	\$1,216.0 M 44%

- Financials as of April 2021
- All figures are in Year of Expenditure (YOE) dollars
- Project was baselined in May 2018
- Major civil and systems construction underway, ~ 40% complete

Baseline Schedule



Recently Completed Activities



Temporary park & ride lot and bus loop at 59th Place in Mountlake Terrace



Final concrete column placement

Current Construction Activities

Happening Now

- Girders
- Retaining Walls
- Trackwork
- I-5 Crossing
- Stations
- Parking Garages



Current Construction – Girders



Guideway north of Northgate Station and east of I-5 at N 115th Street



Setting girders at Shoreline South / 148th Station

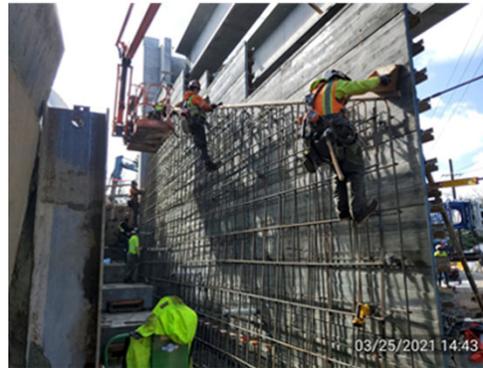


Girder installation over 236th St SW, east of I-5 at Mountlake Terrace Station

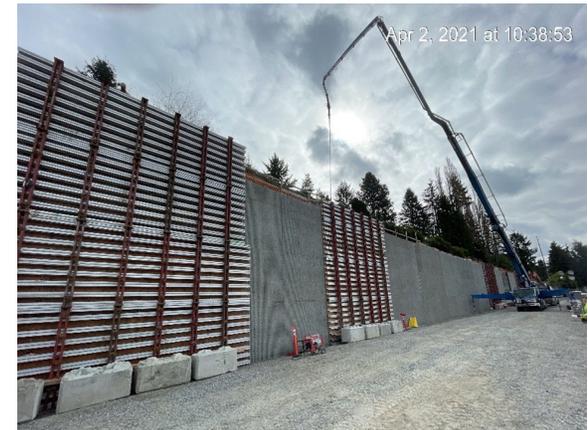
Current Construction - Walls



Placing shear wall concrete at the Lynnwood Station Garage



Rebar placement for cast-in-place concrete wall fascia in Lynnwood



Placing concrete for walls near NE 165th Street

Current Construction – Guideway and Track



Guideway precast panels placed between girders



Elevated guideway deck placement



Elevated guideway direct fixation track installation in North Seattle

Current Construction – I-5 Crossing



Rebar placed for I-5 overcrossing stem walls



I-5 Overcrossing Aerial View



Cast-in-place tub girder concrete at I-5 overcrossing

Shoreline South / Shoreline North Stations



Shoreline South / 148th Station



Shoreline South / 148th Station



Shoreline North / 185th Station

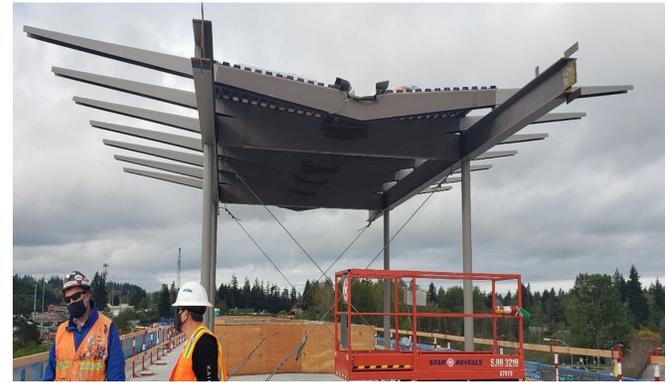
Mountlake Terrace / Lynnwood Stations



Aerial view of the Mountlake Terrace Station site



Interior framing and mechanical rough-in at the Mountlake Terrace Station ancillary buildings



Canopy structure mockup at Lynnwood City Center Station

Current Construction - Parking Garages



Exterior walls at Shoreline South / 148th parking garage



Shoreline North / 185th parking garage



Concrete placement for columns at Lynnwood City Center parking garage

Future Activities 3Q 2021 - 3Q 2024

Planned 3Q 2021-2023

- Final girder placement
- Guideway deck and guardrails
- Wall construction
- Trackwork
- Stations / Parking garages
- Systems installations

Revenue Service mid-2024

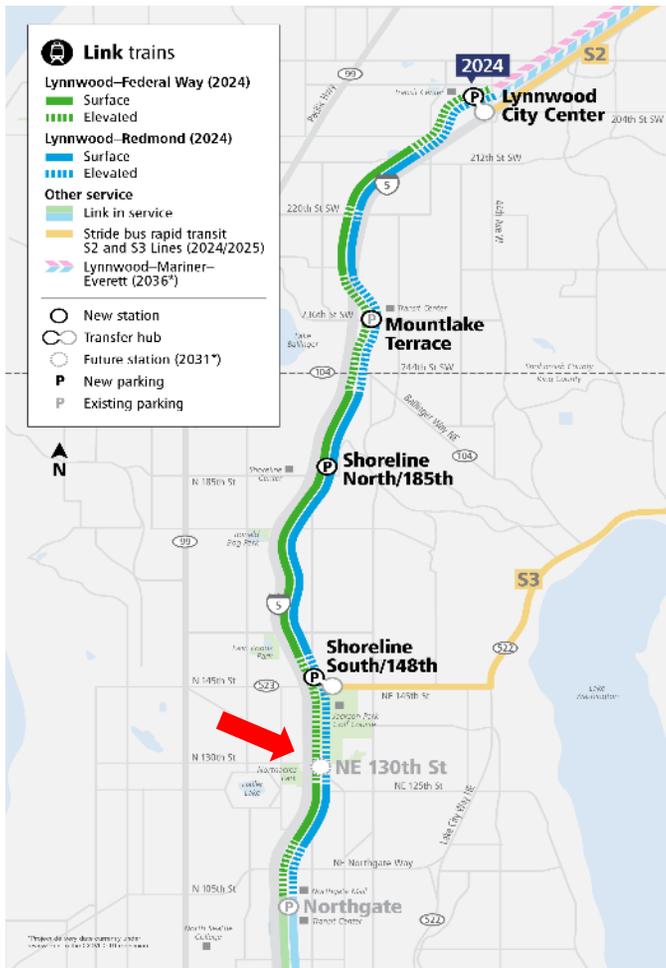


Key Issues and Challenges

- Tight budget and limited contingency
- Highway and neighborhood impacts during construction
- Safety risks associated with increasing volume of elevated work
 - Fall protection, dropped objects, work over roadways
- Availability of adequate electrical power for the Shoreline South / 148th Station, garage, and nearby Traction Power Substation (TPSS) in time to support testing activities



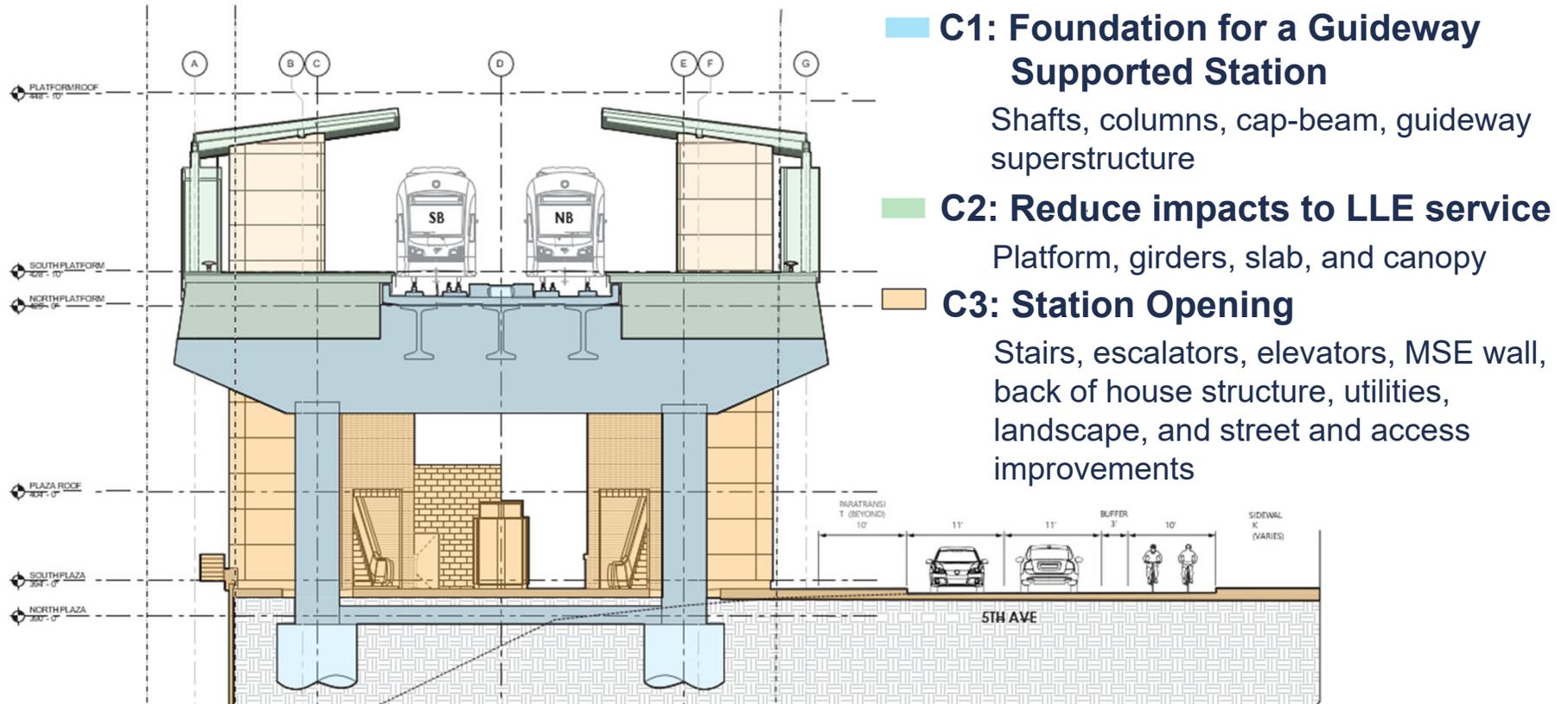
***NE 130th Street Infill Station
Project Overview***



Overview and recap

- Timing in ST3 Plan - start design in 2024, open for service 2031
- In February 2020, the Board approved Motion 2020-13 authorizing initial construction of revised guideway foundations and support elements and implement a progressive design effort for remaining portions of the station
- Further SEC / Board direction could include construction authorization for one or both remaining anticipated design packages

Construction and Progressive Design



Financial Snapshot - NE 130th Infill Station

Current Project Budget	\$28.9 M	
Committed	\$19.0 M	66%
Incurred	\$13.2 M	46%

- Financials as of April 2021
- All figures are in Year of Expenditure (YOE) dollars
- Project budget is a limited funding authorization including construction of the C1 package and final design for the C2 and C3 packages of the progressive design

Package C1 – Integrated Substructure

Construction currently underway by Lynnwood Link

- On-schedule, within approved construction-phase budget
- August 2021 target for completion of revised substructure (foundations and guideway), integrated with Lynnwood Link



Construction and Progressive Design

C1 ✓

Foundations & Substructure

Authorized: Feb 2020
Status: Construction
Budget: \$28.9M*



C2 📋

Superstructure & Canopy Framing

Board: est. Q4 2021
Status: 100% Design
Estimate: ~\$26.8M



C3 📋

Station Finishes

Board: est. Q1 2022
Status: 90% Design
Estimate: ~\$145.7M



Key Issues and Challenges

- Controlling costs and scope
- Synchronization of schedules for completion of design with Lynnwood Link
- Permitting authorities may require additional right-of-way improvements that require time to incorporate
- Utility suppliers may need to construct additional infrastructure upgrades to serve the station
- Affordability gap impacting the overall portfolio

Thank you.

Thank you.



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