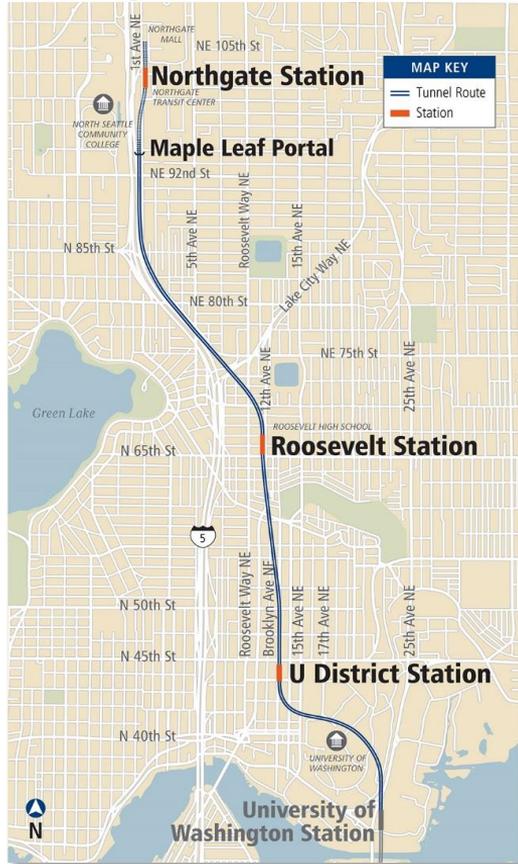


Northgate Link Extension Briefing

System Expansion Committee

4/19/2019

Project Overview



- 4.3 mile extension from UW to Northgate
- 3 light rail stations
- Fast and reliable service in congested I-5 corridor (14 minutes from Northgate to Downtown)
- Estimated over 60,000 weekday boardings (2030)
- Serves academic facilities (North Seattle College, Roosevelt High School, and UW)
- Serves active business districts at Northgate, Roosevelt, and U District
- TOD projects are moving ahead at all three station sites

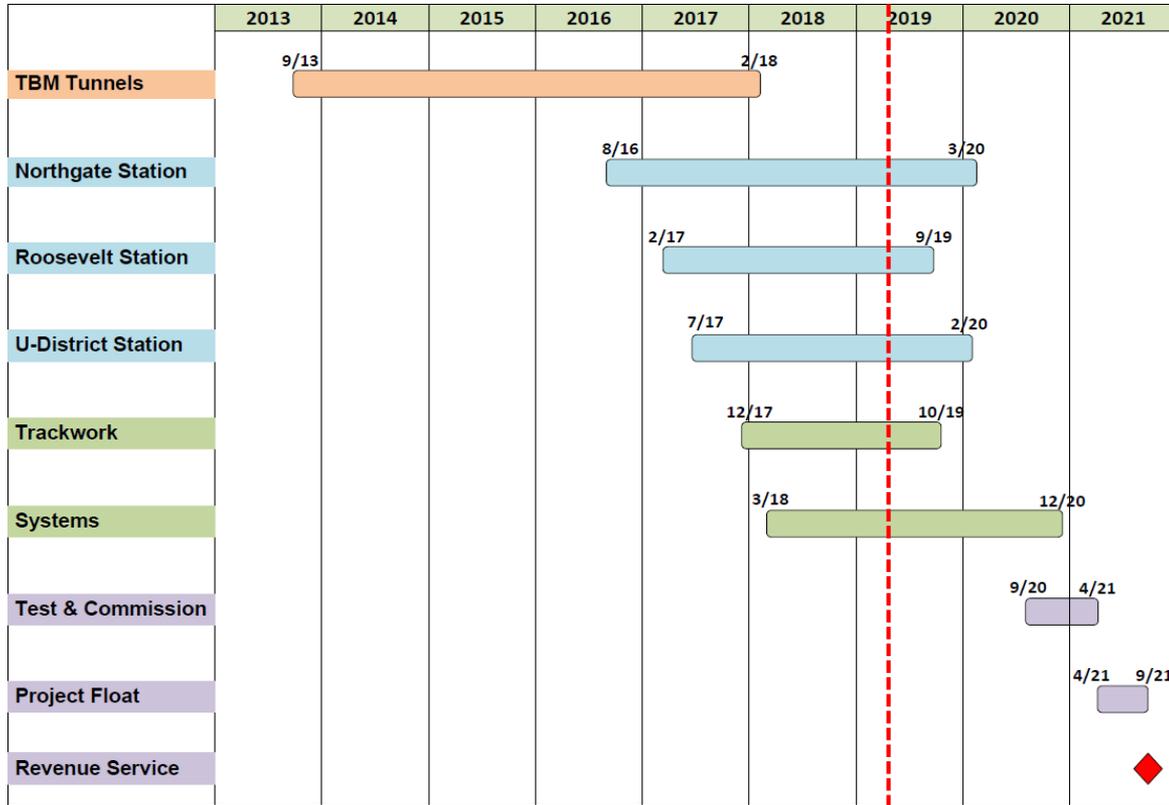
Project Budget

Financial Snapshot	Millions
Project Baseline Budget	\$1,899
Committed	\$1,700 (90%)
Incurred	\$1,391 (73%)

Financials as of March 2019

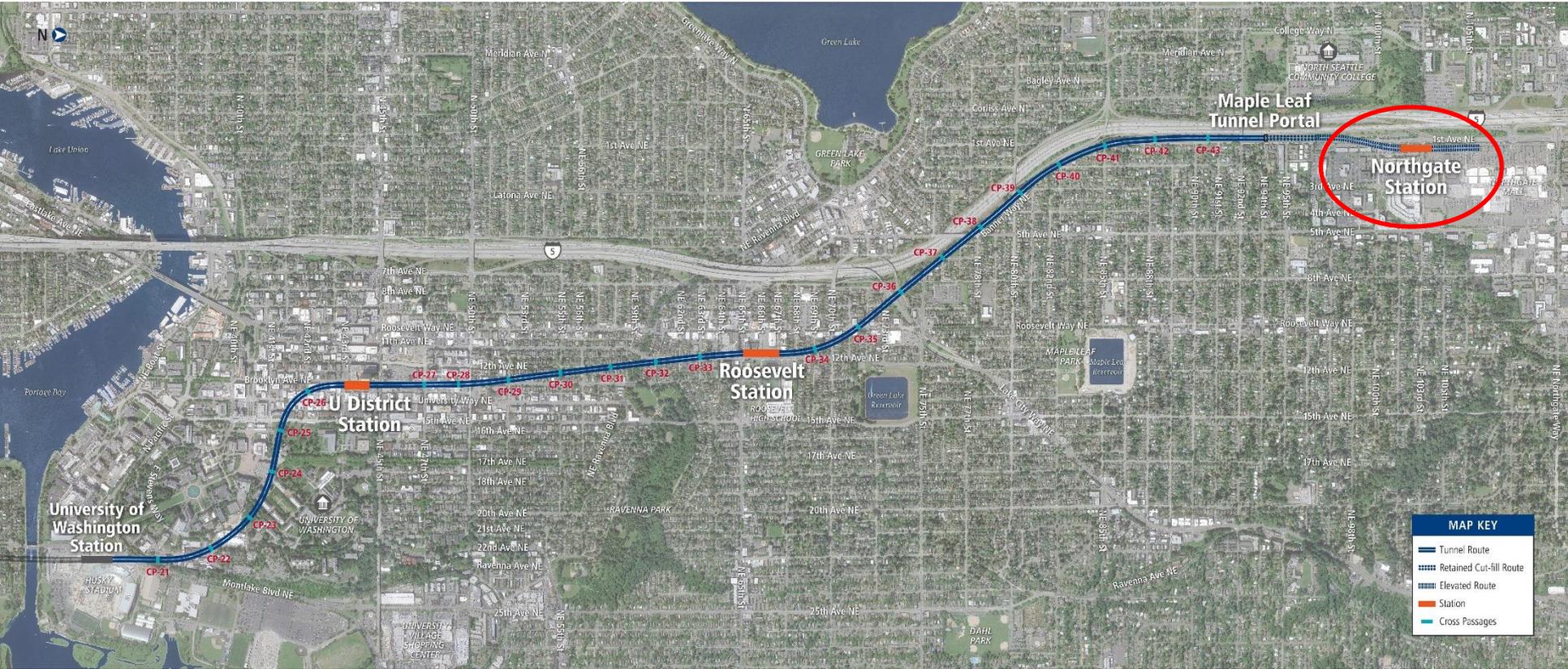
- Received TIFIA loan for \$615 million
- Estimated cost to complete shows potential surplus of approx. \$52 million

Project Schedule



- 80% complete with construction
- Revenue service scheduled for September 2021
- Project-wide schedule float remains at about 5 months

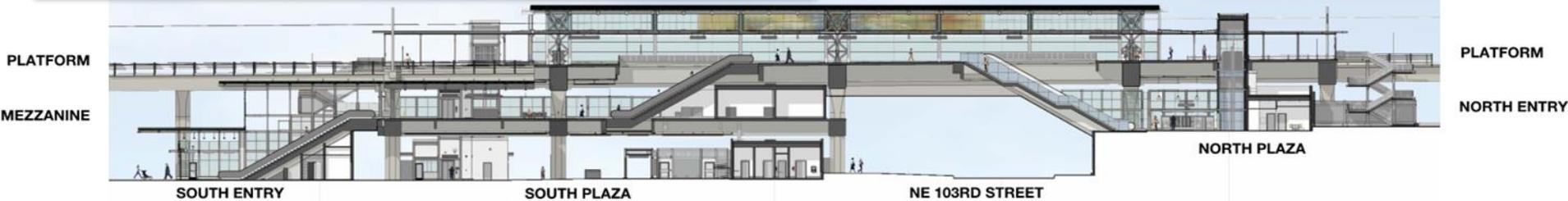
Project Alignment



Northgate Station, Guideway, Garage

Contract Overview:

- Design-Bid-Build contract with Absher Construction
- Scope of Work: 0.7 mile elevated guideway, elevated station, 450-stall parking garage
- Contract Amount: \$183m
- Construction Start: October 18, 2016
- Scheduled Completion: Q1 2020
- Construction 73% Complete



Northgate Station, Guideway, Garage

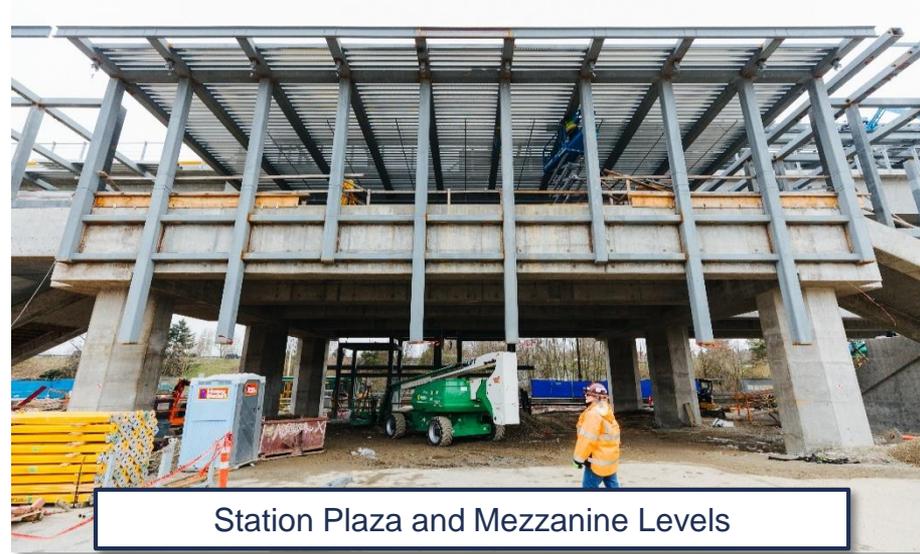


Garage Successfully Opened November 19, 2018

Northgate Station, Guideway, Garage



Elevated Guideway Tail Track Looking North

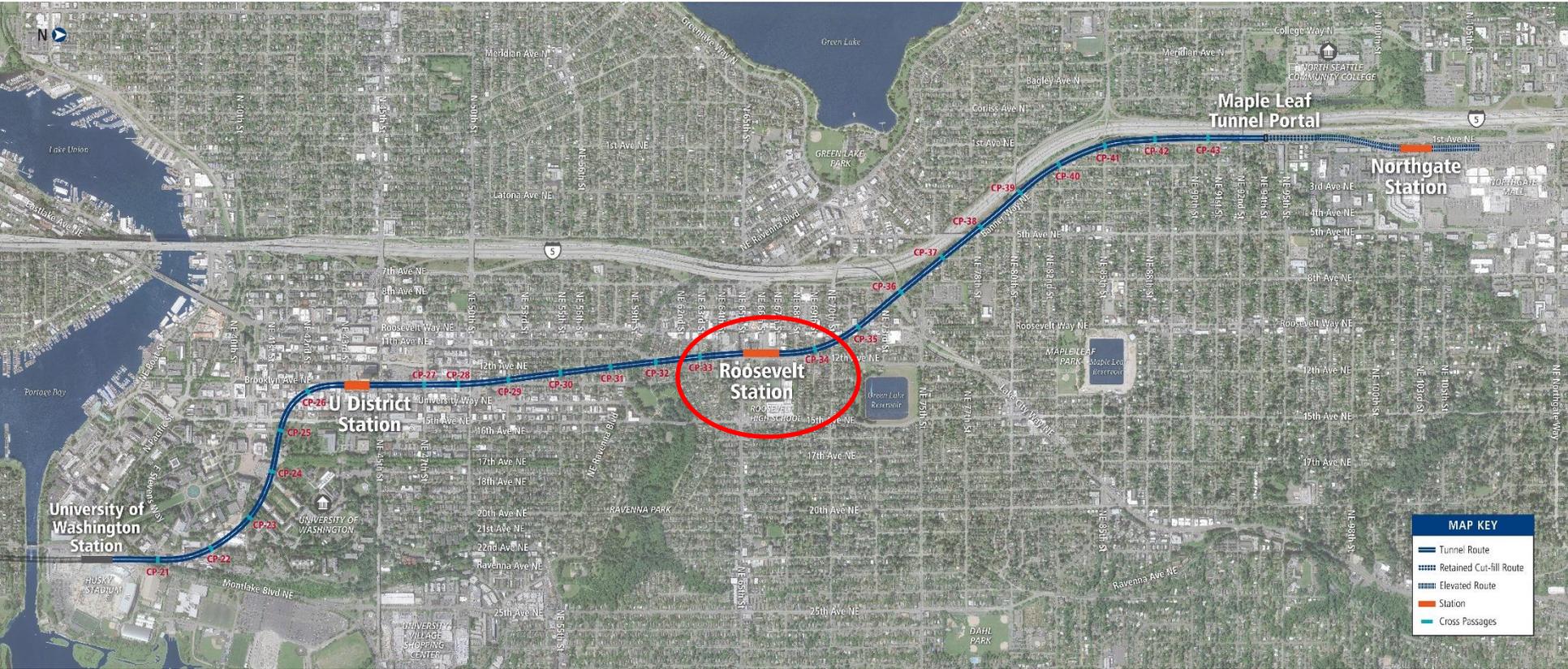


Station Plaza and Mezzanine Levels

Near Term Project Focuses:

- Coordinated Installation with Systems Contractor
- Station Mechanical, Electrical, Architectural
- Traction Power and Signal House Foundation Turnover

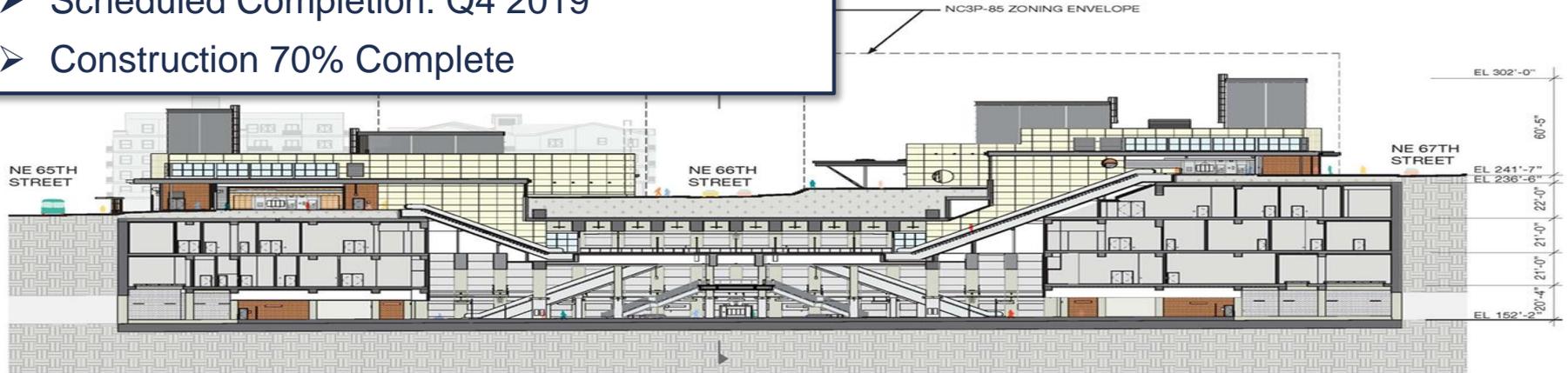
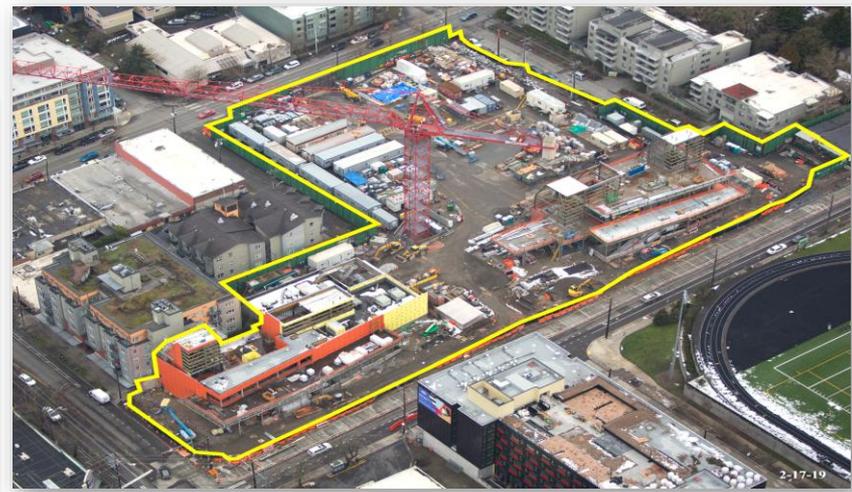
Project Alignment



Roosevelt Station

Contract Overview:

- GCCM contract with Hoffman Construction
- Scope of Work: 90-ft deep, 400-ft long, 4-level underground station; 2 head houses
- Contract Amount: \$158m
- Construction Start: February 2017
- Scheduled Completion: Q4 2019
- Construction 70% Complete



Roosevelt Station

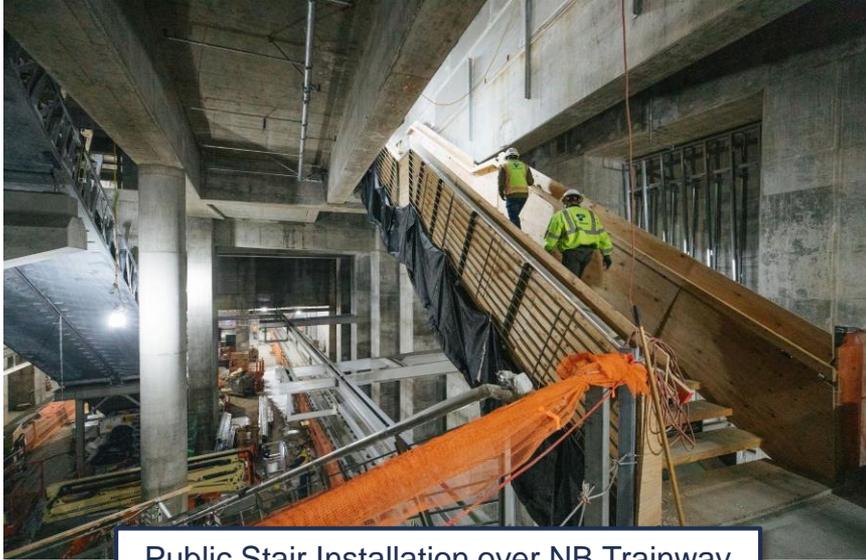


Architectural Rendering Looking NW



Actual Progress Photo Looking NW

Roosevelt Station



Public Stair Installation over NB Trainway



North Headhouse Roof Looking South

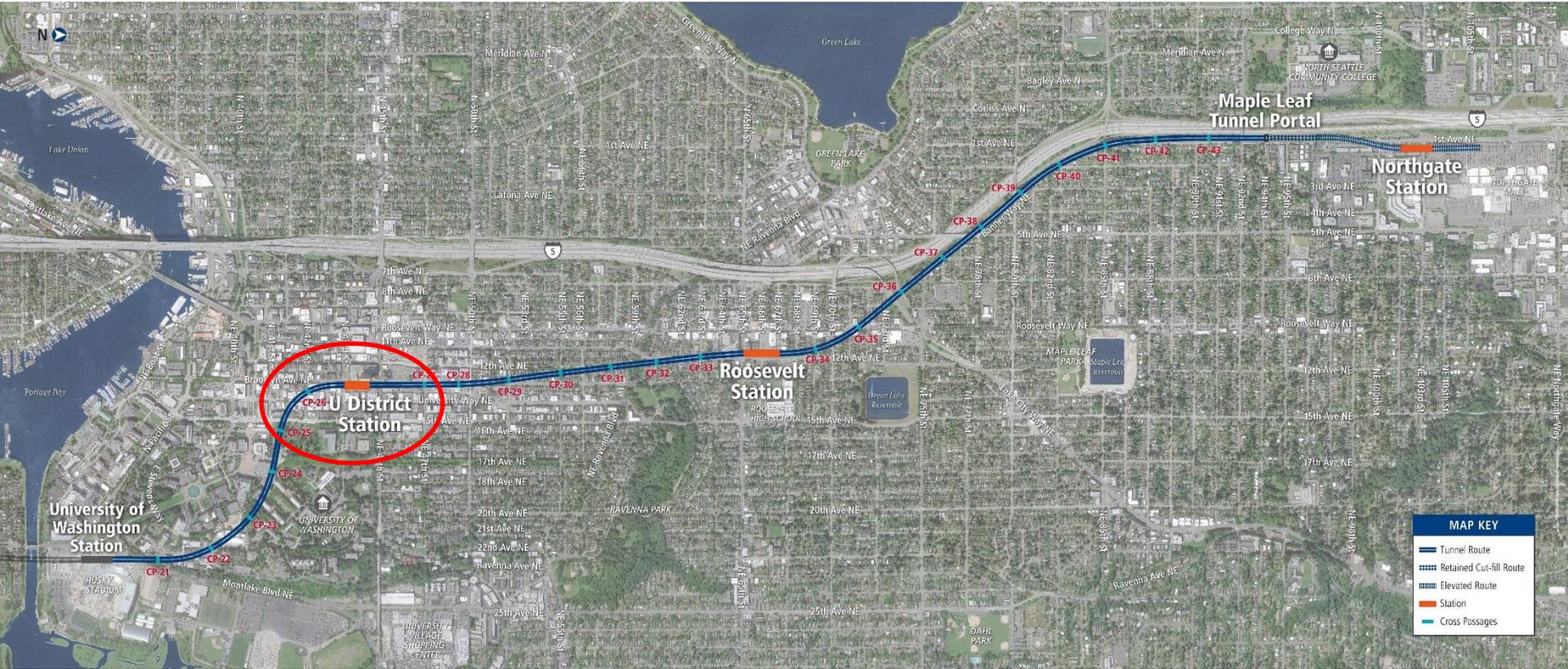
Near Term Project Focuses:

- Coordinated Installation with Systems Contractor
- Start of Mechanical/Electrical Commissioning
- Architectural Features

Project Alignment



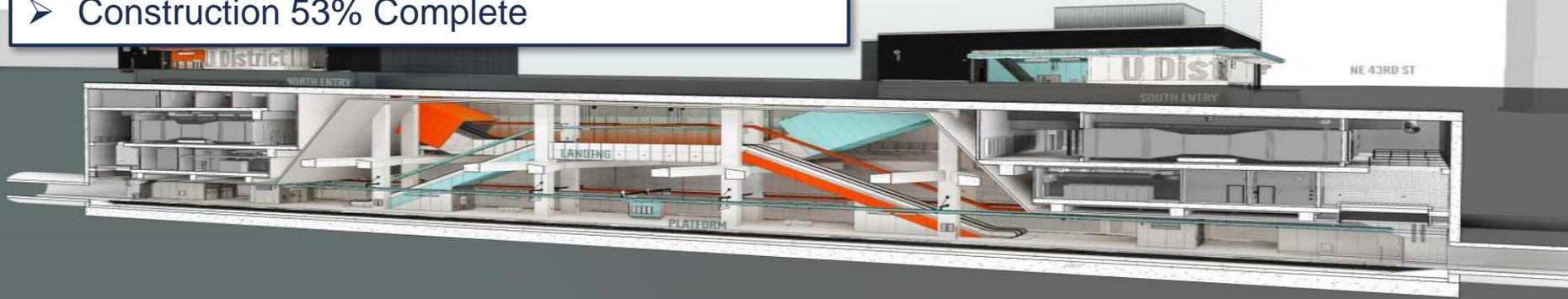
Project Alignment



U District Station

Contract Overview:

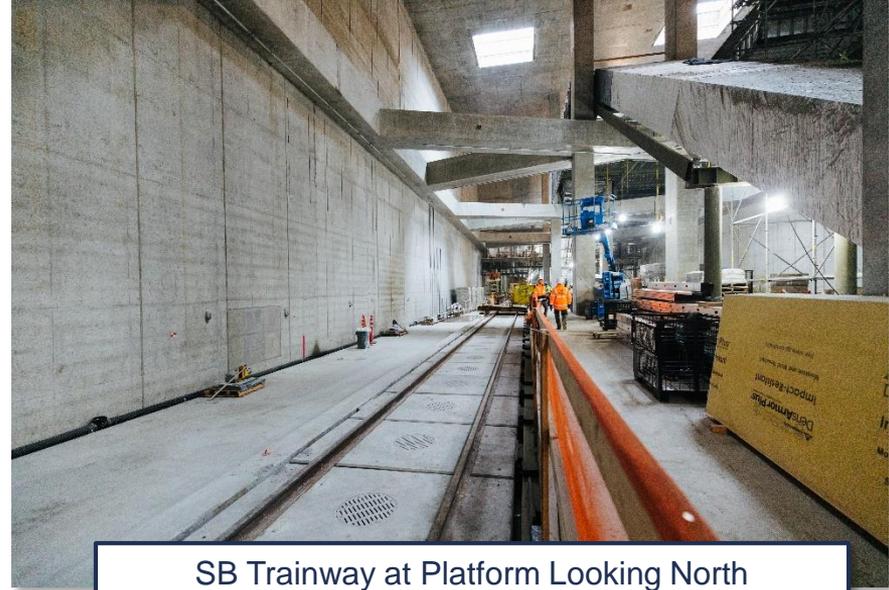
- GCCM contract with Hoffman Construction
- Scope of Work: 80-ft deep, 400-ft long, 4-level underground station; 2 head houses
- Contract Amount: \$161m
- Construction Start: July 2017
- Scheduled Completion: Q1 2020
- Construction 53% Complete



U District Station



South Head House Structure Looking South



SB Trainway at Platform Looking North

Near Term Project Focuses:

- Coordinated Installation with Systems Contractor
- Additional Platform-Mezzanine Public Staircase
- Emergency Ventilation System work to support IDS Cutover

Trackwork

Contract Overview:

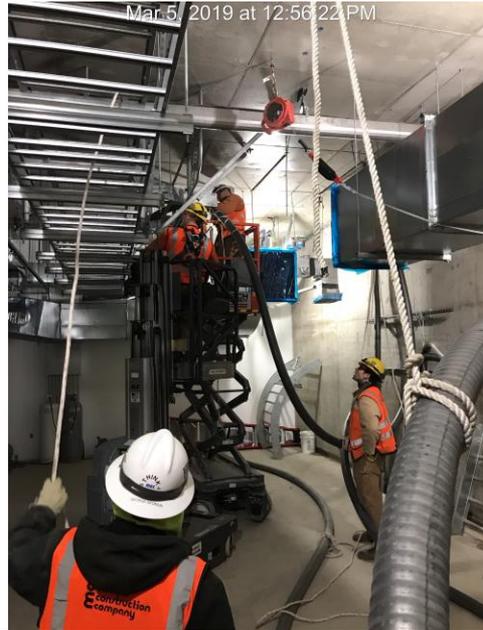
- DBB contract with Stacy and Witbeck
- Scope of Work: Trackwork (plinth + rail) for alignment; 5 Hz & 16 Hz floating slabs
- Contract Amount: \$75m
- Construction Start: August 2016
- Scheduled Completion: Q4 2019
- Construction 83% complete



Systems

Contract Overview:

- Heavy Civil GC/CM contract with Mass Electric (MEC)
- Scope of Work: Traction Power, Communications, Signaling
- Contract Amount: \$105m
- Construction Start: Q2 2018
- Scheduled Completion: Q4 2020
- Construction 26% complete



Power Cable Installation at U District



Equipment Testing at Roosevelt

Near Term Project Focuses:

- Station Access for Equipment Installation
- Tunnel Access for Overhead Catenary System Installation
- Emergency Ventilation System Communication Fiber Installation

Contract Summary, Labor Force, S/DBE

Contract Summary

- 11 Major contracts awarded \$1.24 billion
Construction completed to date: 80%

Labor Force

- Total Labor Hours Worked** **4.2 million**
- People of Color 30.9%
 - Females 8.8%
 - Apprentices 16.3%

Small/Disadvantaged Businesses (S/D BE)

- SBE Goal: 8% Actual to-date 17.0%
- DBE Goal: 4% Actual to-date 9.3%

Top Risks – Northgate Link

- Coordination of multiple contract interfaces to complete start-up, commissioning, and rail activation
- Shortage of skilled labor and staff – both contractors and internal staff
- Third party approvals – City of Seattle, King County, WSDOT, UW

Thank you.



 [soundtransit.org](https://www.soundtransit.org)

