



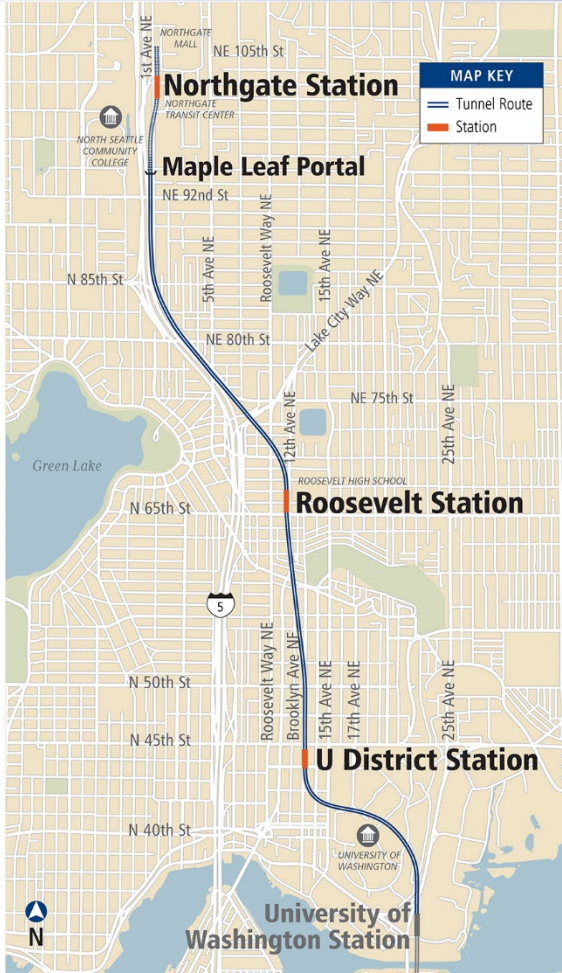
# Northgate Link Extension Briefing

Sound Transit Board Meeting

January 25, 2018

 **SOUNDTRANSIT**

# Project Overview



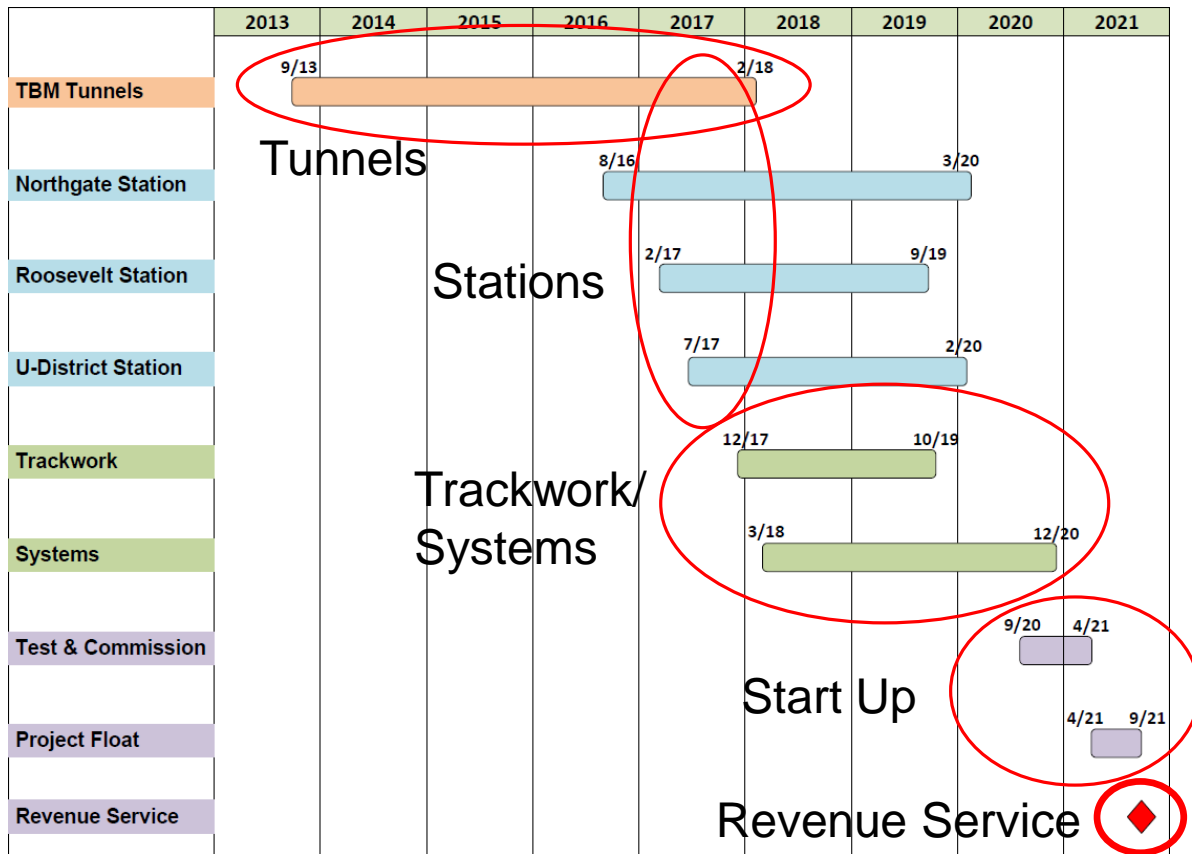
- 4.3 mile extension from UW to Northgate
- 3 light rail stations
- Fast and reliable service in congested I-5 corridor (14 minutes from Northgate to Downtown)
- Estimated over 60,000 weekday boardings (2030)
- Serves academic facilities (North Seattle College, Roosevelt High School and UW)
- Serves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

Financial Snapshot	Millions
Project Baseline Budget	\$1,899
Committed	\$1,599 (84%)
Incurred	\$1,042 (55%)

### Financials as of December 2017

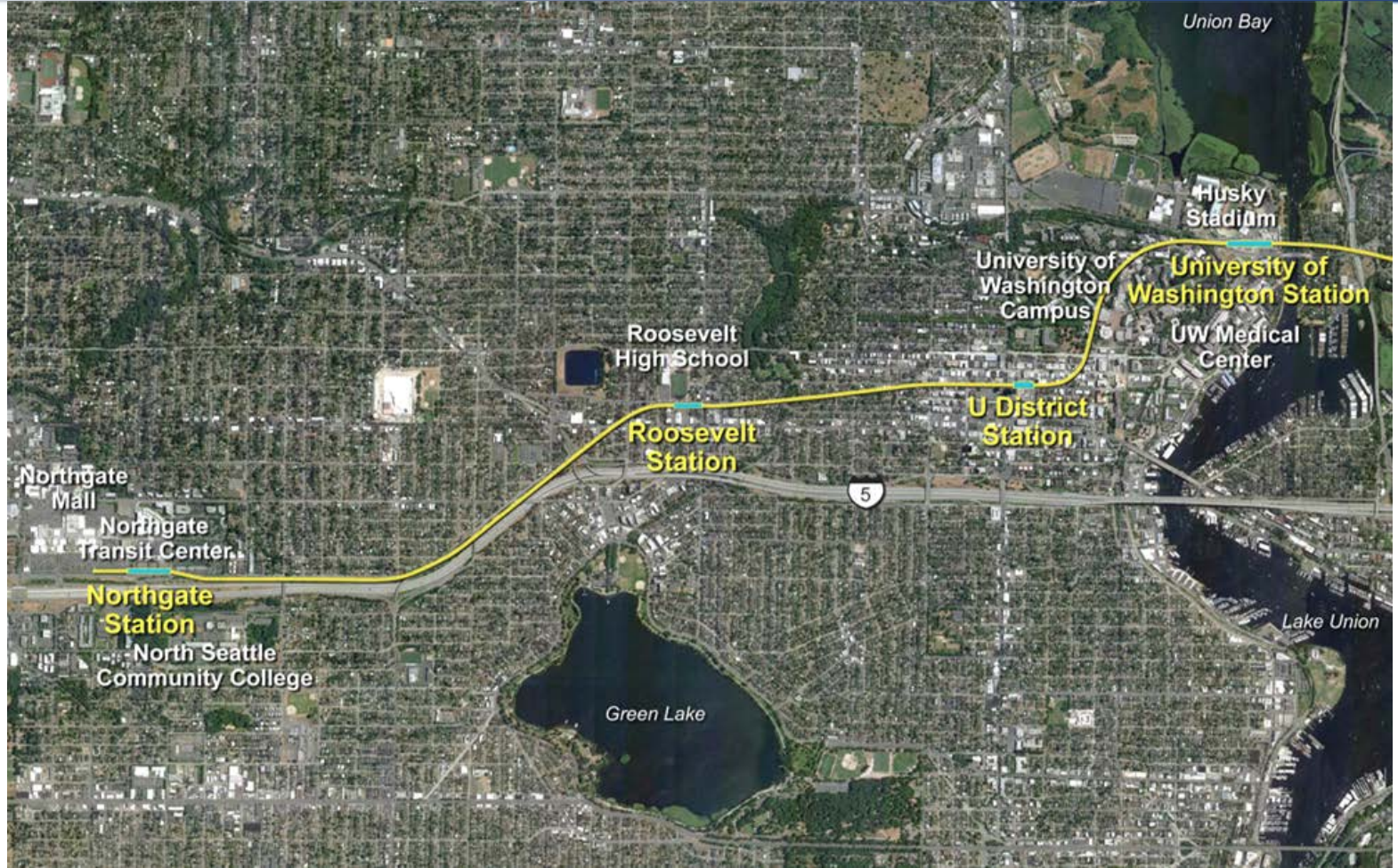
- Received TIFIA loan for \$615 million; first draw of \$56 million made last week
- Estimated cost to complete shows potential surplus of approx. \$52 million

# Project Schedule



- Revenue service scheduled for September 2021
- Project-wide schedule float remains at about 5 months

# Tunnel Alignment





Tunnel Boring Machine (TBM)



Tunnel finishes



Ground Freezing to Stabilize Soils



Finished cross passage



Mountlake Boulevard



Husky Stadium



# Northgate Station, Guideway, Garage

- Design-bid-build contract with Absher Construction
- Contract Amount - \$174m
- Site access/started construction – October 18, 2016
- Completion – Q1 2020
- Construction 40% Complete



450 stall parking garage;  
elevated guideway in background



Elevated guideway



## Significant features:

- elevated guideway & station
- transit island at street level
- 450-stall below-grade parking garage
- pedestrian and bicycle access improvements

# Roosevelt Station

- GCCM contract with Hoffman Construction
- Contract amount - \$153m
- Site access/start construction – February 2017
- Complete Q4 2019



Formwork for station walls



Construction 25% Complete

# U District Station

- GCCM contract with Hoffman Construction
- Contract amount - \$160m
- Site access/ start construction – July 2017
- Complete Q1 2020

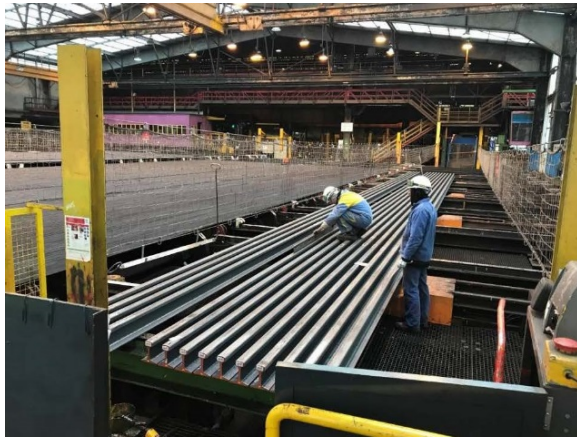


Construction 18% Complete



Internal bracing for station walls

- D-B-B contract with Stacy & Witbeck
- Contract amount - \$71.5m
- Notice to Proceed: August 25, 2016
- Provides all Northgate Link track, including noise and vibration mitigation



Ultra straight rail –  
British Steel Mill, Hayange, France



Floating Slab under UW Campus  
to mitigate noise and vibration

- Heavy Civil GC/CM contract with Mass Electric (MEC)
- Includes Traction Power, Communications, Supervisory Control and Data Acquisition (SCADA)
- Contract amount: \$103.7m
- Notice to Proceed: June 12, 2017
- Start construction: Q2 2018



## Contract Summary

- 11 Major contracts \$1.24 billion  
Construction completed to date: 53%

## Labor Force

- Total Labor Hours Worked 2.9 million (avg. 250 workers for 6 years)**
- People of Color 31.5%
  - Females 9.1%
  - Apprentices 13.1%

## Small/Disadvantaged Businesses (S/D BE)

- SBE Goal: 8% Actual to date 13.7%
- DBE Goal: 4% Actual to date 10.8%

\$84 million paid to Small & Disadvantaged Businesses

- Multiple contract interfaces including start-up, commissioning and rail activation
- Construction market conditions – price escalation
- Shortage of skilled labor
- Third party approvals – City, King County, WSDOT, UW





Thank You

 **SOUNDTRANSIT**  
RIDE THE WAVE