



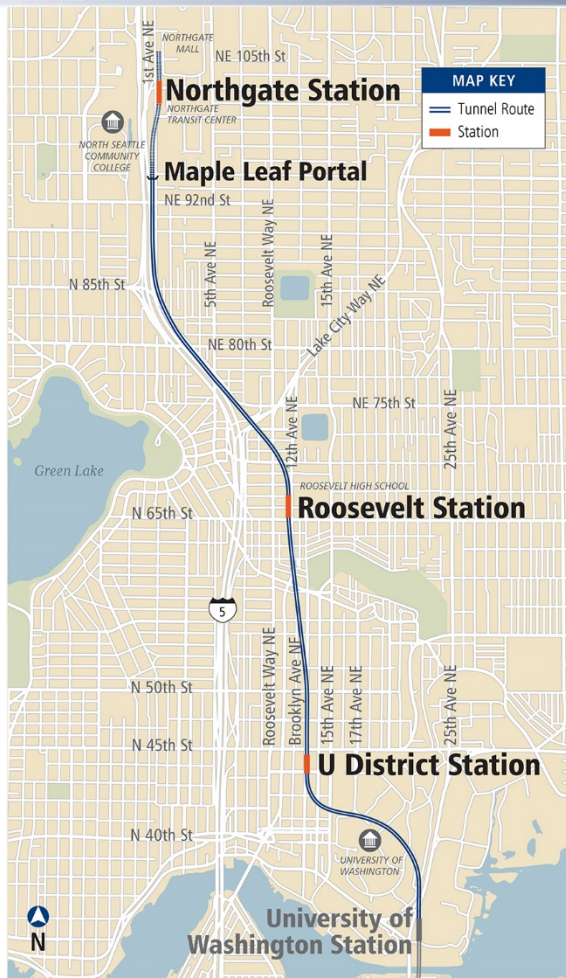
# Northgate Link Extension Briefing

Sound Transit Board Meeting

June 22, 2017

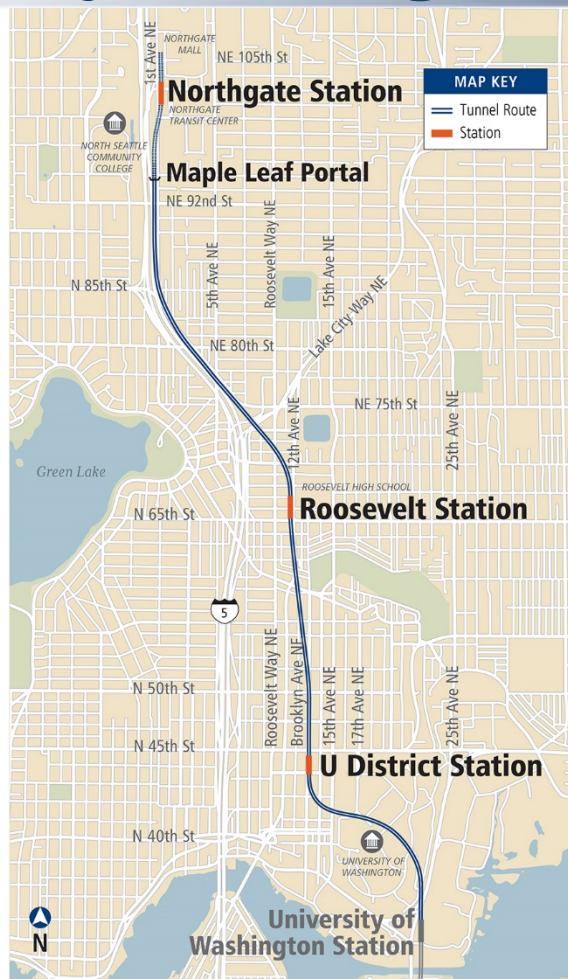
 **SOUNDTRANSIT**

# Project Benefits



- 4.3 mile extension opens in September 2021
- Provides fast, frequent, reliable service in congested I-5 corridor
- Generates over 60,000 weekday boardings (2030)
- Connects Northgate and U District urban growth centers to regional Link system
- Serves North Seattle College, Roosevelt High School and expands access to University of Washington
- Serves Northgate Mall and business districts at Roosevelt and U District
- TOD projects planned at all three station sites

# Project Budget

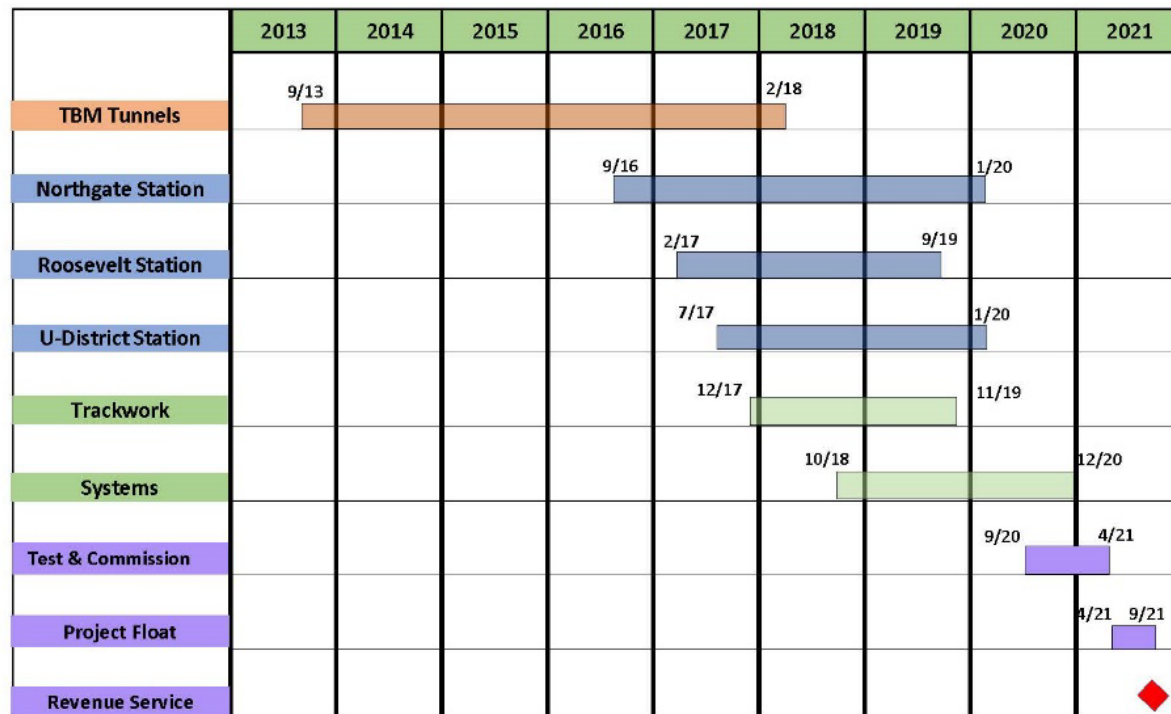


Financial Snapshot	Millions
Project Budget	\$1,899
Committed	\$1,460 (77%)
Incurred	\$856 (45%)

Financials as of April 2017

- Received TIFIA loan for \$615 million
- First Invoice schedule for November 2017
- Project trending within baseline budget

# Project Schedule



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



- ✓ Final Design – April 2016
- ✓ ROW Acquisition –December 2016
- ✓ Advance utility relocations



## ☑ Station boxes

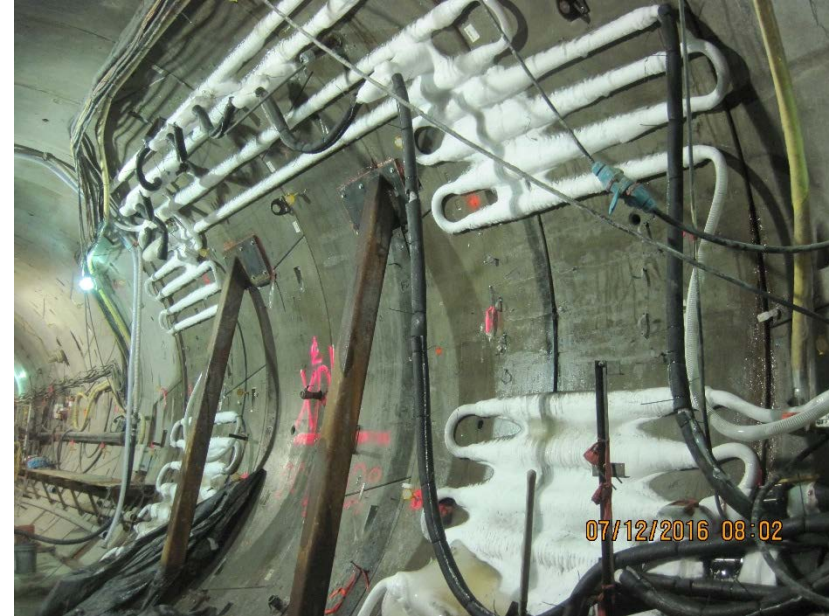






## TBM tunneling – 7 miles





Soil freezing technology to stabilize soil



## ✓ Tunnel finishes



Walkways, fire  
standpipes, lighting &  
conduits



Finished cross  
passage

## ✓ Final surface restoration





# Underground Stations

Roosevelt and the U District underground stations under two GC/CM contracts with Hoffman Construction Company (HCC)



Roosevelt Underground Station



U District Underground Station



# Roosevelt Station

- Contract amount - \$153m
- Issued Notice to Proceed to Hoffman Construction – September 2016
- Site access from tunnel contractor – February 2017



# U District Station

- Contract amount - \$160m
- Board approved U District station finishes contract – March 2017
- Issued Notice to Proceed to Hoffman Construction Company – April 2017
- Site access from tunnel contractor – July 2017



# Northgate Station, Guideway, Garage

- Elevated station, guideway and garage at Northgate under a design-bid-build contract with Absher Construction
- Contract Amount - \$174m
- Notice to Proceed - Sept. 2, 2016
- Site access – October 18, 2016







## Significant features:

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

# Northgate Station & Elevated Guideway





- 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



Crossover



Floating Slab



- Heavy Civil GC/CM contract with Mass Electric (MECC)
- Includes Traction Power, Communications, Signals and Control Systems (SCADA)
- Construction contract amount \$103.7m
- Board approved in May 2017
- Notice to Proceed: June 12, 2017



<b>10 Civil Contracts</b>	<b>\$1,129 million</b>
1 Systems Contract	<u>\$ 108 million</u>
	\$1,237 million
65% of project cost	

<b>Total Labor Hours Worked</b>	<b>1,973,073</b>
People of Color	31.4%
Female Hours	9.3%

- Multiple contract interfaces including start-up, commissioning and rail activation
- Differing site and underground conditions (***Done***)
- Construction market conditions – price escalation, shortages (***Done***)
- Third party approvals – City, King County, WSDOT, UW (***One permit remaining***)





Thank You

