



Northgate Link Extension Briefing

Sound Transit Board Meeting

January 26, 2017

 **SOUNDTRANSIT**

Project Benefits



- Fast, frequent, reliable service in congested I-5 corridor - 14 minutes from Northgate to downtown
- Generates over 60,000 weekday boardings system-wide by 2030
- Connects Northgate and U District urban growth centers to regional Link system
- Serves North Seattle College, Roosevelt High and expands access to U of W
- Serves Northgate Mall and business districts at Roosevelt and U District
- TOD projects planned at all three station sites
- Revenue service to start in September 2021

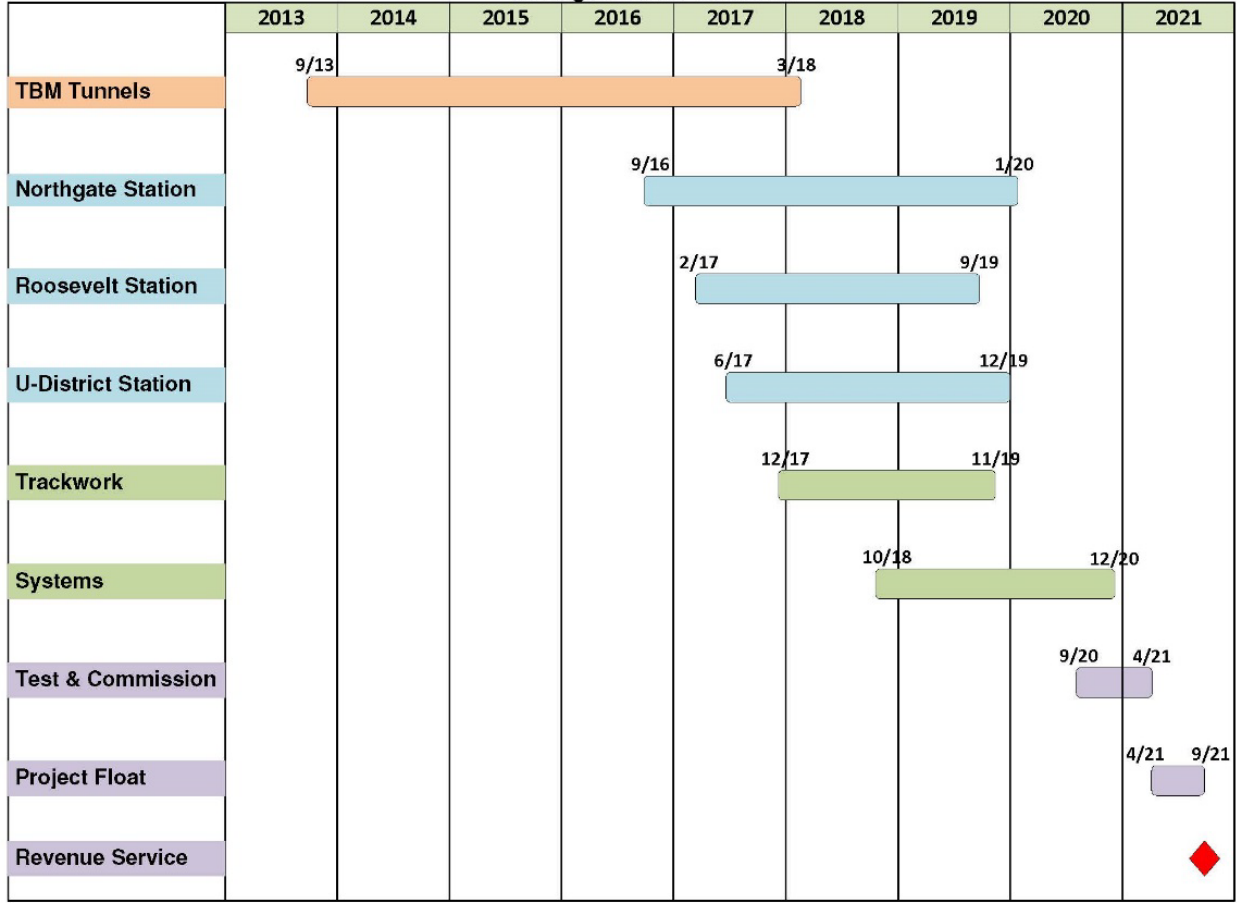
Financial Snapshot	Millions	
Project Budget	\$1,899	
Committed	\$1,140	(60%)
Incurred	\$789	(40%)

Financials as of December 2016

- Received TIFIA loan for \$615 million
- Project trending within baseline budget

Project Schedule

Northgate Link Extension



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

Completed Work

- ✓ Final Design – civil and systems
- ✓ ROW Acquisition – 235 parcels
- ✓ Advance utility relocations
- ✓ Station boxes
- ✓ TBM tunneling



TBM Tunnels, UW Station to Maple Leaf



- ✓ Launched TBM #1 from Maple Leaf Portal in July 2013
- ✓ Contract value – \$500 million
- ✓ Total tunnel mined – 7 miles
- ✓ Completed tunneling to UWS September 1, 2016

Remaining work on tunnels includes:

- Complete 23 cross passages between running tunnels
- Finish installation of walkways, fire standpipe, lighting, conduits
- Tunnel contract complete – Q1 2018



Soil freezing technology to stabilize soil



Walkways, fire
standpipes, lighting &
conduits



Finished cross
passage

Underground Stations

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



- GC/CM contract approved by Sound Transit Board – November 2016
- Site turnover from tunnel contractor – February 2017
- TOD opportunities are being explored with the community engaged

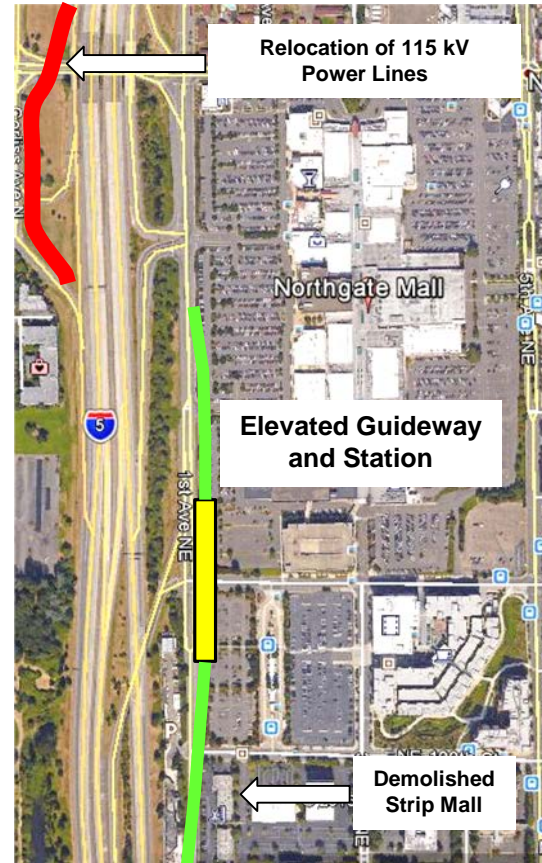


U District Station

- GC/CM construction contract to Board as early as February 2017
- Site turnover from tunnel contractor – June 2017
- Working with UW for TOD overbuild above the station



- Elevated station, guideway and garage at Northgate under a design-bid-build contract with Absher Construction
- Site access available for station & guideway construction - October 2016





- Significant features:
 - elevated guideway & station
 - transit island at street level
 - 450-stall partially below-grade parking garage
 - pedestrian and bicycle access improvements
- Status – construction underway – groundbreaking January 13, 2016

Ground Breaking – Northgate Station



Peter Rogoff, Rob Johnson and Paul Roberts

Ground breaking footage

- Design-Bid-Build contract with Stacy & Witbeck, Inc
- Provides all Northgate Link track, including noise and vibration mitigation
- Status – procurement phase underway



- Heavy Civil GC/CM contract with Mass Electric (MECC)
- Includes Traction Power, Communications, Signals and Control Systems (SCADA)
- Construction contract amount not final – negotiations in progress
- Board approval scheduled for March 2017



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



Thank You

 **SOUNDTRANSIT**
RIDE THE WAVE