

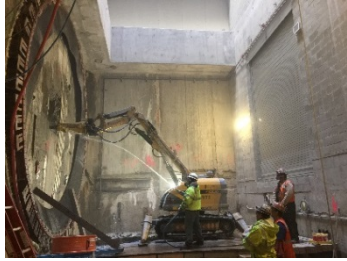


Northgate Link Extension Briefing

Sound Transit Board Meeting

September 22, 2016

 **SOUNDTRANSIT**



- Project baselined – June 2012
- Budget: \$1.9 Billion
 - Committed to date: \$1.14 Billion
 - Expended to date: \$727 Million
- Schedule – Anticipated completion September 2021
- Status:
 - within budget
 - on schedule
 - overall completion: 40%

Civil Design

- 10 contract packages
- Design completed – August 4

System Design

- 1 contract package
- Design completion – September 6



Civil Construction – 10 contracts

Systems Work – 1 contract

Largest Contract – N125 TBM Tunneling

- Started September 2013; 4½ years duration
- Contract Value – \$500 million; 82% complete





- TBM #2 Completed tunnel to UDS – March 24, 2016
- TBM #1 Completed Northbound tunnel to UWS – March 30, 2016
- Refurbished TBM #1 Relunched June 14, 2016
- Completed Southbound Tunnel to UWS September 1, 2016
- Completed 36,600 LF of tunnels (about 7 miles)
- Skilled workers spent over 1.6 million hours on the job

- Three GC/CM contracts nearing completion of pre-construction phase

Roosevelt Station – N150

- GC/CM Construction contract to Board – Nov 2016

U District Station – N140

- GC/CM Construction contract to Board – Jan 2017

Systems Work – N830

- GC/CM Heavy Civil contract to Board – Feb 2017
 - includes electrification, communication, signals and SCADA



Four contracts bid and awarded since April

- All contracts Design-Bid-Build (D-B-B)
- Received 4 bids on each contract
- 3 of 4 low bids less than Engineer's Estimate
- Total value of 4 contracts – \$250 million



Demolition at Northgate and U District



- Contract with Pellco Construction
- Construction Notice to Proceed: June 2016
- Contract Amount: \$2.7 Million
- Provide space for parking & CM office

115kV Transmission Line Relocation I-5 ROW Near Northgate



- Contract with Potelco, Inc.
- Notice to Proceed: June 2016
- Contract Amount: \$2.8 Million
- Move power lines from 1st Ave NE to I-5 ROW

Trackwork for Entire Northgate Extension



- Contract with Stacy & Witbeck
- Notice to Proceed: August 25, 2016
- Contract Amount: \$71.5 Million
- Provides all Northgate Link track, including noise and vibration mitigation

Northgate Station, Elevated Guideway and Parking Garage



- Contract with Absher Construction
- Notice to Proceed: September 2, 2016
- Contract amount: \$174 Million
- Significant features:
 - elevated guideway & station with transit island at street level
 - 450-stall partially below-grade parking garage
 - pedestrian and bicycle access improvements



Third Party Agreements

- Northgate property settlement agreement - King County Metro
 - ST acquires land and temporary easements for station construction
 - ST will build bus improvements and bus layover facility for KCM
 - ST will assume management of SPG parking garage lease in 2021
- Northgate pedestrian and bike improvement funding MOA - City of Seattle
 - ST funding contribution for SDOT's ped bridge and 1st Ave NE protected bike lane projects



- 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