Project Overview

- 4.3 mile extension from UW to Northgate
- 3 light rail stations & 1 parking garage
- 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
- Transit Oriented Development (TOD) projects are planned for all three station sites
Project Organization

- Integrated Sound Transit Team:
  - ~25 dedicated ST staff
  - ST support staff
  - Design/CM consultants
  - 11 separate construction contracts
# Project Safety

- **Safety is a core Agency value and the top priority on the Northgate Link Extension**
- **Project Safety Metrics thru July 2020:**

<table>
<thead>
<tr>
<th>Data/Measure</th>
<th>July 2020</th>
<th>Year to Date</th>
<th>Project to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recordable Injury/Illness Cases</td>
<td>0</td>
<td>1</td>
<td>114</td>
</tr>
<tr>
<td>Days Away From Work Cases</td>
<td>0</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>Total # of Hours (GC &amp; Subs)</td>
<td>48,516</td>
<td>364,126</td>
<td>5,442,250</td>
</tr>
<tr>
<td>OSHA Incident Rates</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recordable Injury Rate</td>
<td>0.00</td>
<td>0.55</td>
<td>4.19</td>
</tr>
<tr>
<td>LTI Rate</td>
<td>0.00</td>
<td>0.00</td>
<td>0.22</td>
</tr>
<tr>
<td>Recordable Injury Rate WA State Average</td>
<td></td>
<td>6.00</td>
<td></td>
</tr>
<tr>
<td>LTI Rate WA State Average</td>
<td></td>
<td>1.90</td>
<td></td>
</tr>
<tr>
<td>BUDGET AND CONTINGENCY</td>
<td>Amount</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------</td>
<td>------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Budget (incl Contingency)</td>
<td>$1,899,755,500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commitments To-Date (08-17-20)</td>
<td>$1,710,973,956</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contingency Remaining</td>
<td>$136,825,374</td>
<td></td>
<td></td>
</tr>
<tr>
<td>% of Contingency Spent</td>
<td>65.5%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>% Physical Percent Complete (estimated)</td>
<td>96.1%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Currently projecting $52M+ savings at completion**
Project Schedule

- Currently 96% complete with construction
- On schedule to open for Revenue Service in September 2021
Contract Overview:

- Design-Bid-Build contract with JCM Northlink LLC
- Scope of Work: portal structure, 2 station box excavations, 3.5 miles twin 18-ft 10-in tunnel, 23 cross passages, tunnel invert, walkway & raceways, tunnel lighting and dry standpipe
- Contract Amount: $500m
- Construction Start: September 2013
- Construction Complete: March 2018
TBM at Roosevelt Station
TBM Removal at UWS
Cross Passage Construction
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: $187m
- Construction Start: October 2016
- Construction 97% Complete
Northgate Station, Guideway, Garage

Looking NW towards Station
Northgate Station, Guideway, Garage

Looking North towards South Entrance

Looking South from Platform Level
SDOT Northgate Pedestrian & Bicycle Bridge

- **Scope of Work:** 16-ft wide, 1900-ft long bridge spanning I-5 from NSC to Northgate Station
- **Construction Start:** January 2020
- **Scheduled Completion:** August 2021
- **Progress Summary:**
  - 40% complete overall
  - All shafts complete
  - 90% of columns installed
  - 75% of precast girders installed
  - Main span fabrication (offsite) started
SDOT Northgate Pedestrian & Bicycle Bridge

Looking SW at Bridge Ramp from Station

Bridge Column adjacent to Station
Roosevelt Station

Contract Overview:

- GC/CM contract with Hoffman Construction
- Scope of Work: 90-ft deep, 480-ft long, 4-level underground station; 2 head houses
- Contract Amount: $168m
- Construction Start: February 2017
- Construction Complete: October 2019
Roosevelt Station
Roosevelt Station

South Entrance off NE 65th St.

Station Platform Level
Roosevelt Transit Oriented Development

- 1.2 acres of TOD property used for construction staging
- Roosevelt Station opens for revenue service 2021
- TOD project (Cedar Crossing) complete 2022
- Developers are Bellwether Housing and Mercy Housing NW
- Will provide 250+ affordable housing units & childcare
Cedar Crossing TOD Schedule

2016

TRANSLIT PROJECT  Design & construction

TOD PROJECT

DEFINITE

Due diligence
Feasibility report completed

Goal setting
Board action on development strategy
Community engagement; Seattle Office of Housing partnership

DEVELOP

TOD RFP
Board and Seattle Office of Housing select Bellwether-Mercy

Agreements
Board approves agreement terms
FTA approvals; ST Board approvals; Final closing legal documents

Permitting
Design development; Permitting

Financing
Securing local funds;
Securing tax credits and investors; Securing debt and equity; Negotiating agreements

CONSTRUCT

TOD Construction 24 mo.

TOD substantial completion

2017

2018

2019

2020

2021

2022

2023

Testing
Start of revenue service
## TOD Key Business Terms

<table>
<thead>
<tr>
<th>Category</th>
<th>Agreement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing units</td>
<td>At least 230 units; Anticipate 254</td>
</tr>
<tr>
<td>Total housing units affordable</td>
<td>100% of units <strong>at or below</strong> 60% Area Median Income (AMI)</td>
</tr>
<tr>
<td>Deeper affordability</td>
<td>At least 20% of units <strong>below</strong> 60% AMI; Anticipate 40%</td>
</tr>
<tr>
<td>Family sized units</td>
<td>At least 20% of units sized 2+ bedrooms; Anticipate 40%</td>
</tr>
<tr>
<td>Active street-level uses</td>
<td>At least 12,000 SF of commercial space, excluding daycare space; not regulating daycare in agreement</td>
</tr>
<tr>
<td>Sustainability</td>
<td>Designed to meet or exceed Washington State Evergreen Standard</td>
</tr>
<tr>
<td>Sale price</td>
<td>$6,750,000 with $130,000 in sale proceeds held in escrow for environmental work, if encountered, otherwise released to ST</td>
</tr>
</tbody>
</table>
Cedar Crossing TOD
Project Alignment
U District Station

Contract Overview:

- GC/CM contract with Hoffman Construction
- Scope of Work: 80-ft deep, 400-ft long, 4-level underground station; 2 head houses
- Contract Amount: $169m
- Construction Start: July 2017
- Construction Complete: July 2020
U District Station

Looking NE on Brooklyn Ave NE to South Entrance

Looking SW from North Entrance Roof
U District Station

Looking North at the Mezzanine Level

Looking South towards the SB Platform
Trackwork

Contract Overview:

- Design-Bid-Build contract with Stacy and Witbeck
- Scope of Work: Trackwork (plinth + rail) for alignment; 5 Hz & 16 Hz floating slabs
- Contract Amount: $76m
- Construction Start: August 2016
- Construction Complete: October 2019
Trackwork – Floating Slabs
**Contract Overview:**

- **Heavy Civil GC/CM contract with Mass Electric (MEC)**
- **Scope of Work:** Traction Power, Overhead Catenary System, Communications, Signaling
- **Contract Amount:** $104m
- **Construction Start:** June 2017
- **Scheduled Completion:** Q1 2021
- **Construction 74% complete**

*Power Cable Installation at UDS
Equipment Testing at RVS*
Systems

Looking North from Northgate Station at Overhead Catenary System (OCS)
Project Schedule

- Currently 96% complete with construction
- On schedule to open for Revenue Service in September 2021
Rail Activation

- Rail activation is managed by the Project Transition Office in the Executive Department, led by Rail Activation Manager (RAM)

- RAM ensures coordination of schedule and resources for multiple, simultaneous activation efforts to assure the Northgate Link Extension is delivered into revenue service efficiently and safely.

- RAM is supported by a set of committees comprised of Sound Transit staff with the responsibilities for performing, documenting, and certifying various program elements tied to the start-up and testing of the system.
Thank you.