

Public Body Re-Certification

*General Contractor/Construction Manager
(GC/CM) and Design-Build (DB)*

3/28/2024

Presentation Agenda

Sound Transit Overview

- Linneth Riley-Hall, *Executive Project Director- Federal Way Link Extension*

Alternate Delivery & Lessons Learned

- Randy Harlow, *Executive Project Director-Lynnwood Link*
- Tony Raben, *Executive Project Director-Redmond Link*

S/DBE & Workforce Utilization

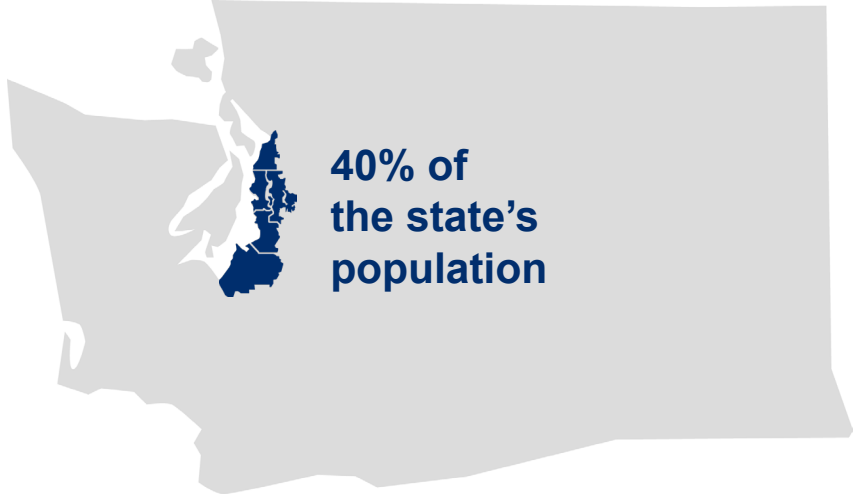
- Edson Zavala, *Director - Economic Development*
- Chris Elwell, *Acting Executive Director-Labor Relations*

Sound Transit Overview

Linneth Riley-Hall

Sound Transit District

Serving a region of more than 3 million





Voter-approved system

Link light rail 1 2 3 4 T

- Five lines
- 116 miles
- 83 stations

Sounder trains N S

- Two lines
- 91 miles
- 14 stations

Stride bus rapid transit S1 S2 S3

- Three lines
- 45 miles on I-405 and SR 522
- Serving 12 cities and connecting to light rail in Shoreline, Lynnwood, Bellevue, and Tukwila

Delivery Method Selection Process

Contract Packaging Workshop(s)

- Workshop includes:
 - Project Team
 - Construction Management
 - Procurement & Contracts
 - Subject Matter Experts from across agency*
- Reviews contract packaging options
- Evaluates project for appropriate delivery method:
 - Improved Evaluation criteria, w/ Corridor Plus additions*
 - Project goals, risks, staff experience, etc



Packaging Workshop and Delivery Recommendation Report

- Based on TCRP 131 – Project Delivery Method Selection for Transit Projects
- Report Includes:
 - FTA OP 32D requirements
 - RCW 39.10 requirements

GC/CM Projects & Lessons Learned

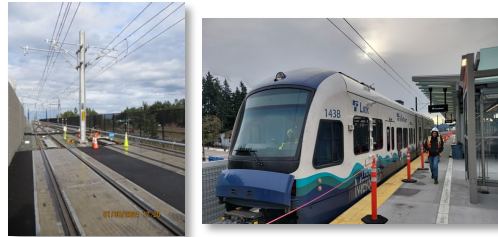
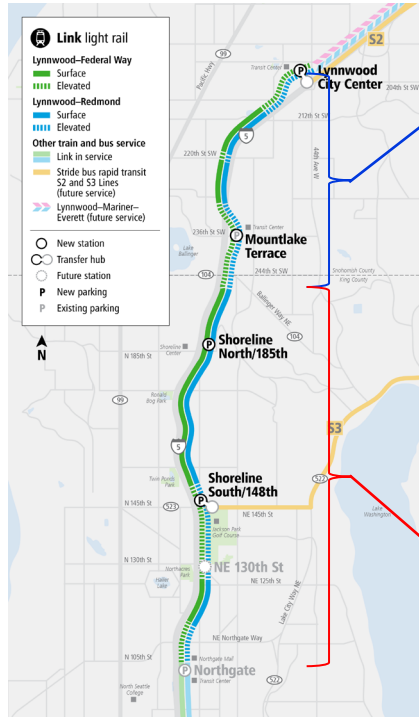
Randy Harlow

Current & Completed GC/CM



Delivery	Project Name	Status	Current Contract
Heavy Civil	Northgate Way to NE 200th St.	Underway	\$ 889,139,002
Heavy Civil	NE 200th St. to Lynnwood Station	Underway	\$ 909,940,111
Heavy Civil	Downtown Bellevue to Spring District	Underway	\$ 447,838,429
Heavy Civil	Northgate / East Link / Lynnwood Link Systems	Underway	\$ 585,282,478
Heavy Civil	Seattle to South Bellevue	Underway	\$ 721,764,474
GCCM	Bus Rapid Transit (BRT) STRIDE	Underway	\$ 1,391,958
GCCM	U District Station	Complete	\$ 174,525,419
GCCM	Roosevelt Station	Complete	\$ 171,129,349
GCCM	University Link Light Rail Systems	Complete	\$ 125,397,162
GCCM	Capitol Hill Station	Complete	\$ 114,065,221
GCCM	University of Washington Station	Complete	\$ 151,532,886
ALL			\$ 4,292,006,490

Lynnwood Link Extension – Heavy Civil GC/CM



L300 NE 200th St to Lynnwood

- Heavy Civil GC/CM with Skanska Constructors L300
- \$835M Contract Value
- Construction Start – April 2019
- Construction Subst. Complete – March 2024

L800 Lynnwood Link Systems

- Heavy Civil GC/CM with Mass Electric
- \$148M Contract Value
- Site Access – 3rd Quarter 2022
- Revenue Service – Summer/Fall 2024

L200 Northgate to NE 200th St

- Heavy Civil GC/CM with Stacy & Witbeck / Kiewit / Hoffman Joint Venture
- \$840M Contract Value
- Construction Start – January 2019
- Construction Subst. Complete - April 2024

Lynnwood Link Extension – Heavy Civil GC/CM

Sound Transit Management Practices

- Integrated Construction and Consultant Teams
- Co-located Project Team
- Project Partnering
- Proactive Jurisdictional Engagement

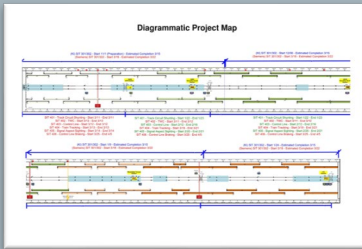
Heavy Civil GC/CM Lessons Implemented



Early GC/CM
Engagement



Proactive
Change
Management



Contract interface
coordination
starting in
preconstruction



Staff project with
team members that
have the right
attitude
and experience

Design-Build Projects & Lessons Learned

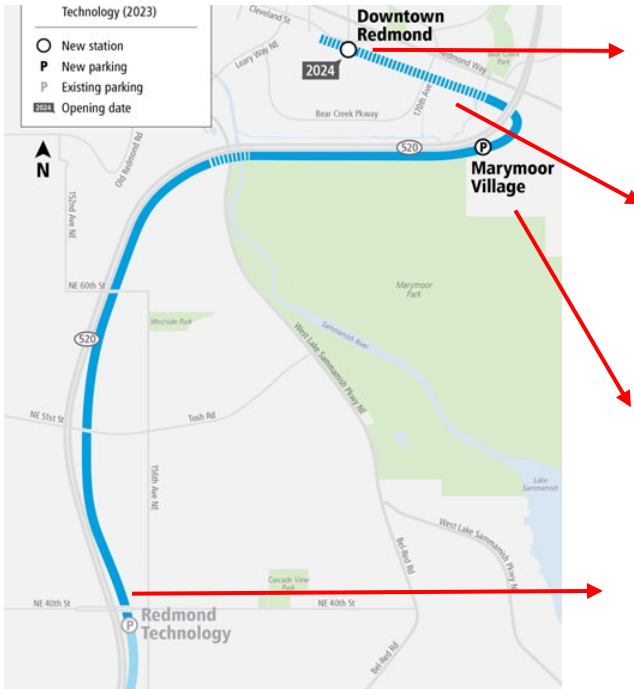
Tony Raben

Current & Completed D/B



Delivery	Project Name	Status	Current Contract
DB	Downtown Redmond Link Extension	Underway	\$ 790,181,939
DB	Federal Way Link Extension	Underway	\$ 1,574,291,443
DB	SR 520 to Overlake Transit Center	Underway	\$ 231,093,541
DB	Sumner Station Parking and Access Improvements	Underway	\$ 50,517,321
DB	Kent Station Parking and Access Improvements	Underway	\$ 62,500,000
DB	Auburn Station Parking and Access Improvements	Underway	\$ 60,250,000
DB	Puyallup Station Parking and Access Improvements	Completed	\$ 51,560,930
DB	Link Operations & Maintenance Facility: East	Completed	\$ 236,353,617
DB	Sounder Yard Design Build Project	Completed	\$ 11,619,264
DB	Maintenance of Way Building	Completed	\$ 12,899,738
DB	S. 200th	Completed	\$ 176,112,438
	ALL		\$ 3,257,380,230

Downtown Redmond Extension – DB



- 3.4 miles, 2 stations
 - Marymoor Village
 - Downtown Redmond
- 1,400 stall parking garage with Ground floor transit center
- Design Build Delivery: Civil + Systems
- Contract Value: \$730M
- Contract Start: September 2019
- Revenue Service Window: Spring 2025
- AHJ's: WSDOT, City of Redmond, King County (Parks and Wastewater)
- Stakeholders: Microsoft, residents and downtown businesses

Project Lessons Learned

Environmental Permitting

- Address design timing and resources
- Incorporate into the RFP phase

AHJ Permitting

- Proactively and collaboratively develop a process with AHJ's – memorialize commitment.
- Incorporate the permit plan development into the RFP.

ROW Acquisition:

- Final footprint reconciliation

Geotechnical Peer Review

- Provide the option to utilize a peer review to address technical issues.

Agency Lessons Learned

Developing the Procurement to Solve Design Problems

Monitor and Maintain the Culture of Collaboration

- Proactively and collaboratively made staff changes when identified

AHJ Involvement

- Continuous improvement (STEP, DBWG)
- Training

S/DBE & Workforce Utilization on GC/CM Projects

Edson Zavala & Chris Elwell

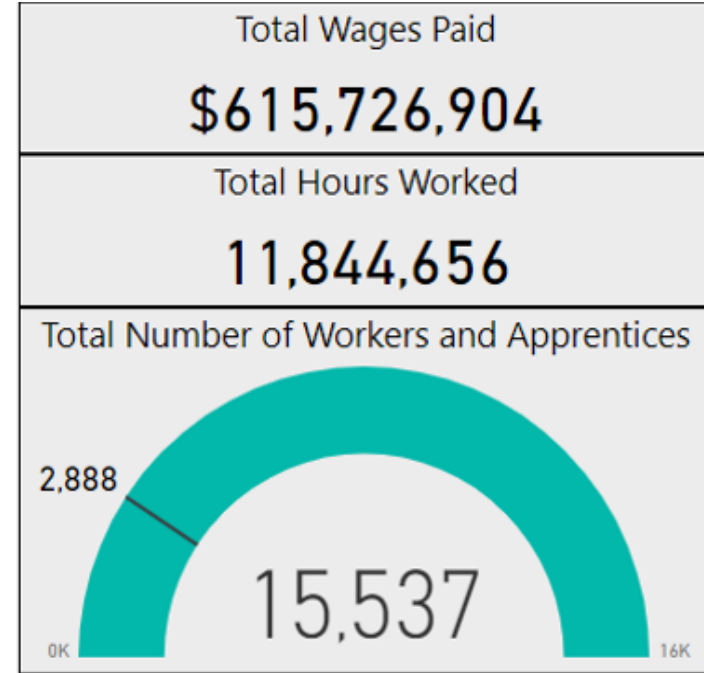
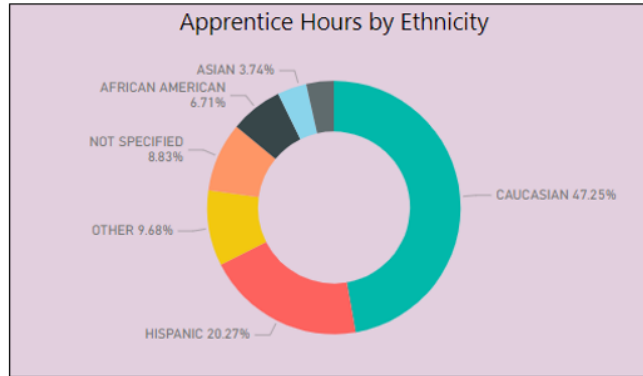
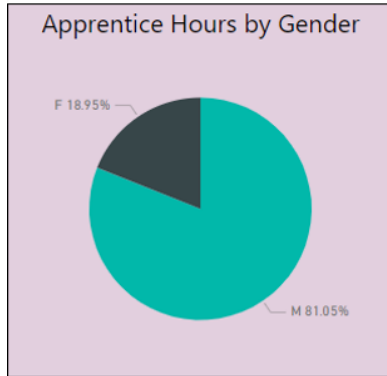
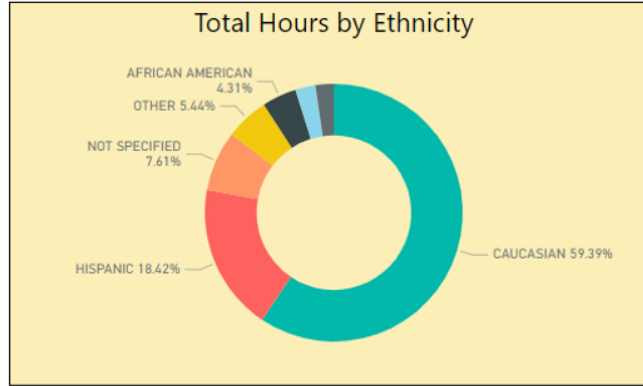
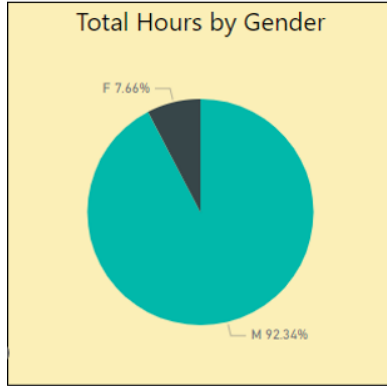
DBE and Small Business Utilization: Alternative Public Works

Contract Name	Small Business Utilization	
	DBE Dollars	Small Business Dollars
Northgate / Eastlink Extensions Link Contract N830/E750 Systems Heavy Civil GC/CM	\$18,926,591	\$25,188,784
Lynnwood Link Contract L800 Systems Heavy Civil GC/CM	\$10,379,559	\$12,247,068
Lynnwood Link South- Heavy Civil GC/CM	\$70,676,795	\$136,995,369
Lynnwood Link North - Heavy Civil GC/CM	\$65,950,883	\$111,810,229
Federal Way Link Extension	\$92,892,090	\$157,170,202
Tacoma Link Extension	\$12,216,673	\$50,841,806
Downtown Redmond Link Extension (Design)	\$5,954,398	\$12,620,660
Downtown Redmond Link Extension (Construction)	\$42,768,219	\$64,187,657
Everett Link Extension & OMF North	\$4,640,611	\$5,008,913
Summer Parking & Access Improvements (Design)	\$13,978	\$807,317
	\$324,419,797	\$576,878,005

Workforce Diversity Utilization: Alternative Public Works

Contract Name	POC %	Female %	Apprentice %
Northgate / Eastlink Extensions Link Contract N830/E750 Systems Heavy Civil GC/CM	29.0%	6.7%	20.3%
Lynnwood Link Contract L800 Systems Heavy Civil GC/CM	29.0%	9.1%	21.9%
Lynnwood Link South- Heavy Civil GC/CM	32.9%	8.7%	18.9%
Lynnwood Link North - Heavy Civil GC/CM	32.1%	6.2%	17.7%
Federal Way Link Extension	34.7%	7.7%	18.1%
Tacoma Link Extension	26.9%	13.9%	20.4%
Downtown Redmond Link Extension (Construction)	35.6%	6.2%	17.2%
Summer Parking & Access Improvements (Construction)	33.7%	0.0%	0.9%

Sound Transit Labor Utilization



Upcoming Alternative Delivery Opportunities

Link light rail
1 2 3 4 T

Stride bus
rapid transit
S1 S2 S3

Souder trains
N S



- **West Seattle Link Extension**
- **Operation and Maintenance Facility South**
- **North Maintenance of Way**
- **Vertical Conveyance Modernization**



Questions?

Thank you.

Thank you.



 [soundtransit.org](https://www.soundtransit.org)

