

Public Body Re-Certification

Design Build

5/27/2021

Presentation Overview

Design Build at Sound Transit

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

Sound Transit Experience with Design Build

- Nick Datz, *Technical Advisor to PCD*

Operations and Maintenance Facility: East & Lessons Learned

- Jon Mihkels, *Project Director - New Facilities*

Workforce Utilization

- Brenda Nnambi, *Deputy Director - Civil Rights, Equity, and Inclusion*

Design Build at Sound Transit

Linneth Riley-Hall, Executive Project Director - FWLE



Current and Upcoming Service



Light Rail

Northgate (3 stations, 2021)

Hilltop Tacoma (6 stations, 2022)

East Link (10 stations, 2023)

Lynnwood (4 stations, 2024)

Federal Way (3 stations, 2024)

Downtown Redmond (2 stations, 2024)



Sounder

Puyallup, Kent, Sumner and Auburn

Parking and Access Improvements



Upcoming Alternative Delivery Opportunities



Light Rail

- West Seattle to Ballard Extension
- Everett Extension
- Federal Way to Tacoma Extension
- Operation and Maintenance Facility – South



Bus Rapid Transit

- SR 522/NE 145th Stride
- I-405 Stride – Lynnwood to Burien



Sounder

- Station Access and Parking Improvements
- Sounder Maintenance Base
- South Sounder Capacity Improvements

Agency Experience with Design Build

Nick Datz, Technical Advisor to PCD

Staff Experience and Development

Project Experience

Over 75 staff with Design Build Experience

- 52 with DBIA Certifications

Staff Development

Trainings

- Offered to all staff
- Internally Focused
- Externally Provided

Successful Management of Design Build Projects



**Federal Way
Link Extension**

Opening 2024



**Overlake
Station to
Redmond
Technology
Center**

Opening 2023



**Downtown
Redmond Link
Extension**

Opening 2024



**Sounder
Access
Improvements**

*Opening 2022 -
2025*



**Operations and
Maintenance
Facilities**

Opened 2021

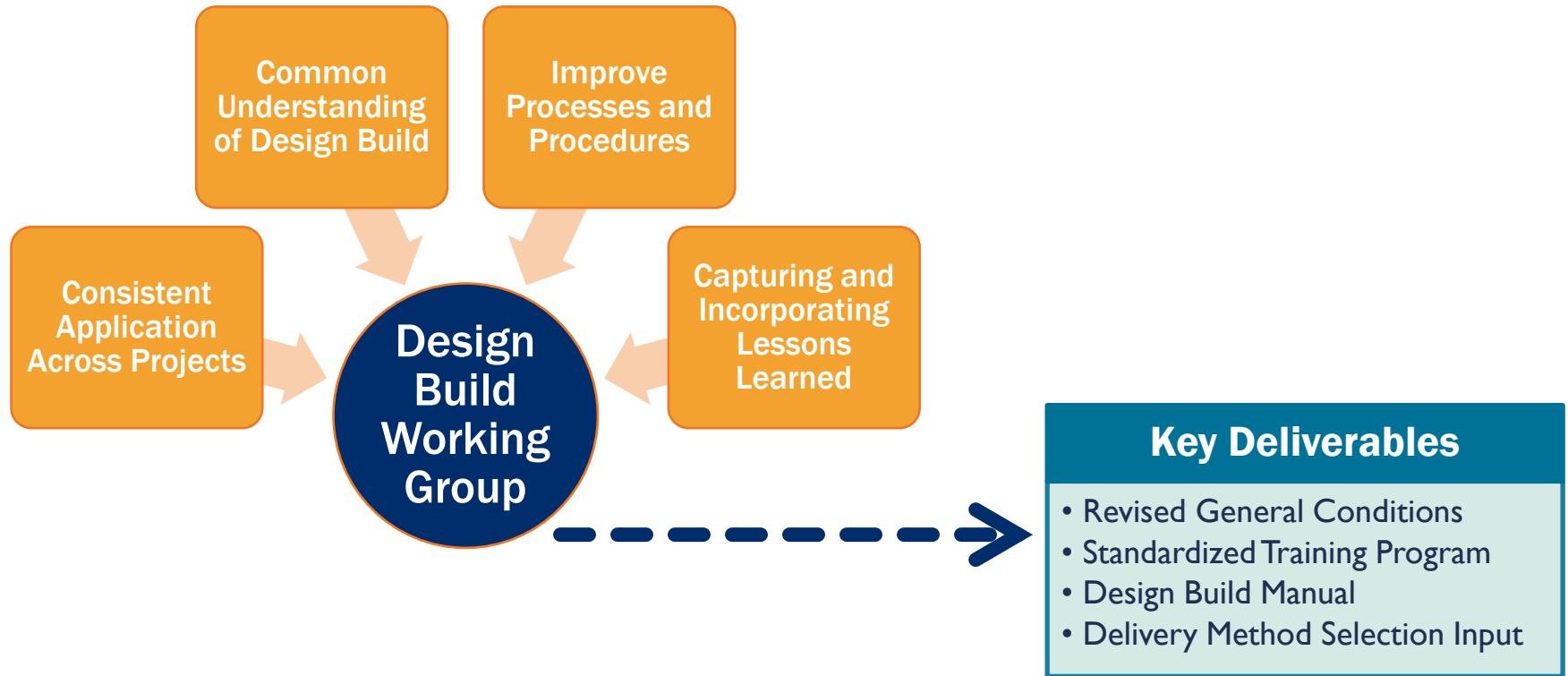


**Angle Lake
Garage and
Station**

Opened 2016

Nearly \$3 Billion in Design Build Projects

Evolving Design Build Practices



External Engagement by Sound Transit

CPARB Committees

- Re-Authorization
- Design Build
- Business Equity
- Project Review Committee

AGC Design Build Trainings

DBIA Locally and Nationally

***Operations and Maintenance
Facility: East
& Lessons Learned***

Jon Mihkels, Project Director - New Facilities



Link OMF East – Plan from 2017 DB Proposal













Management of Design Build Contract

Management Practices

- Design Build Project Management Consultant
- Co-location
- Partnering
- Jurisdictional engagement

Budget Performance

Total Project Budget	\$449.2 million
Design Build Contract	\$228.8 million
Land	\$134.5 million

6.1% in contract change orders with 3.1% of those Owner initiated

Project Lessons Implemented

Developing the Procurement to Solve Design Problems

- Great functional OMF and optimize TOD opportunity

Monitor and Maintain the Culture of Collaboration

- Proactively and collaboratively made staff changes when identified

Adopting More Advanced Technology into Projects

- DB teams have implemented design and project management technologies

Agency Lessons Learned

Ground Conditions & Utility Relocations

Authorities Having Jurisdiction

Alternative Technical Concepts

Design Build Project Management Consultant Role

Workforce Utilization on Design Build Projects

Brenda Nnambi, Deputy Director - Civil Rights, Equity, and Inclusion

Operations and Maintenance Facility: East

Workforce Utilization

- 2,168 Total Employees
- \$34.9M in Wages Paid - \$14.6M in Benefits Earned

SBE/DBE Performance

	Sound Transit Goal	Hensel Phelps Commitment	Hensel Phelps Achieved
SBE	12%	13.1%	14.28%
DBE	6%	7.1%	13.15%
Apprenticeship	20%	20%	21.1%

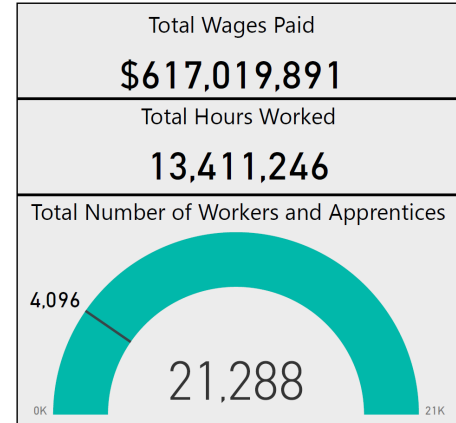
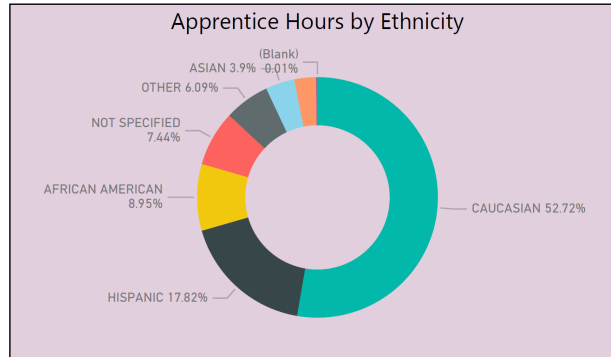
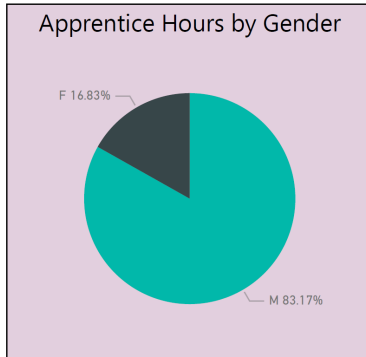
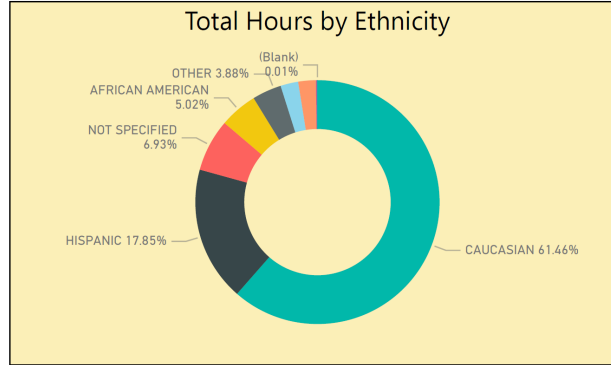
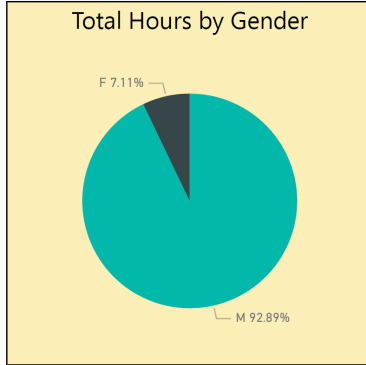
S/DBE Utilization on Design Build Projects

Project	Goal Type	Goal	Attainment	Project Status
South 200th Station & Guideway	DBE	5%	10.1%	Complete
	SBE	18%	19%	
Angle Lake Parking Garage	DBE	5%	6.8%	Complete
	SBE	16%	40.6%	
Maintenance of Way	DBE	4%	4.25%	Complete
	SBE	12.5%	13.4%	
Souder Yard Expansion	DBE	0	15%	Complete
	SBE	25%	29.6%	

S/DBE Utilization on Design Build Projects

Project	Goal Type	Goal	Attainment	Project Status
Bellevue to Redmond Construction	DBE	6%	23.88%	90%
	SBE	16%	19.87%	
Federal Way Link Extension	DBE	5%	7.23%	26%
	SBE	15%	9.34%	
Puyallup Station Parking and Access Improvements	DBE	5%	10.69%	22%
	SBE	12%	25.53%	
Downtown Redmond	DBE	5%	4.36%	17%
	SBE	10 %	8.10%	

Sound Transit Labor Utilization



Thank you.

Thank you.



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

