



**City of Shoreline –
Light Rail Station Design
City Council Presentation**

December 5, 2016

Presentation overview

- Introductions
- Project description and schedule
- Light rail basics
- Architectural station design
- Open House Guide/website





Sound Transit

Current service and approved projects

Link extensions:

- University of Washington – Northgate
- Northgate – Lynnwood
- Downtown Seattle – Overlake
- Angle Lake – Kent/Des Moines
- Tacoma Theater District – S 19th

Lynnwood Link Extension



- 8.5 mile extension - Northgate to Lynnwood Transit Center
- 4 stations:
 - **Shoreline**
NE 145th Street – elevated
 - **Shoreline**
NE 185th Street – retained cut/fill
 - **Mountlake Terrace**
Mountlake Terrace Transit Center – elevated
 - **Lynnwood**
Lynnwood Transit Center – elevated

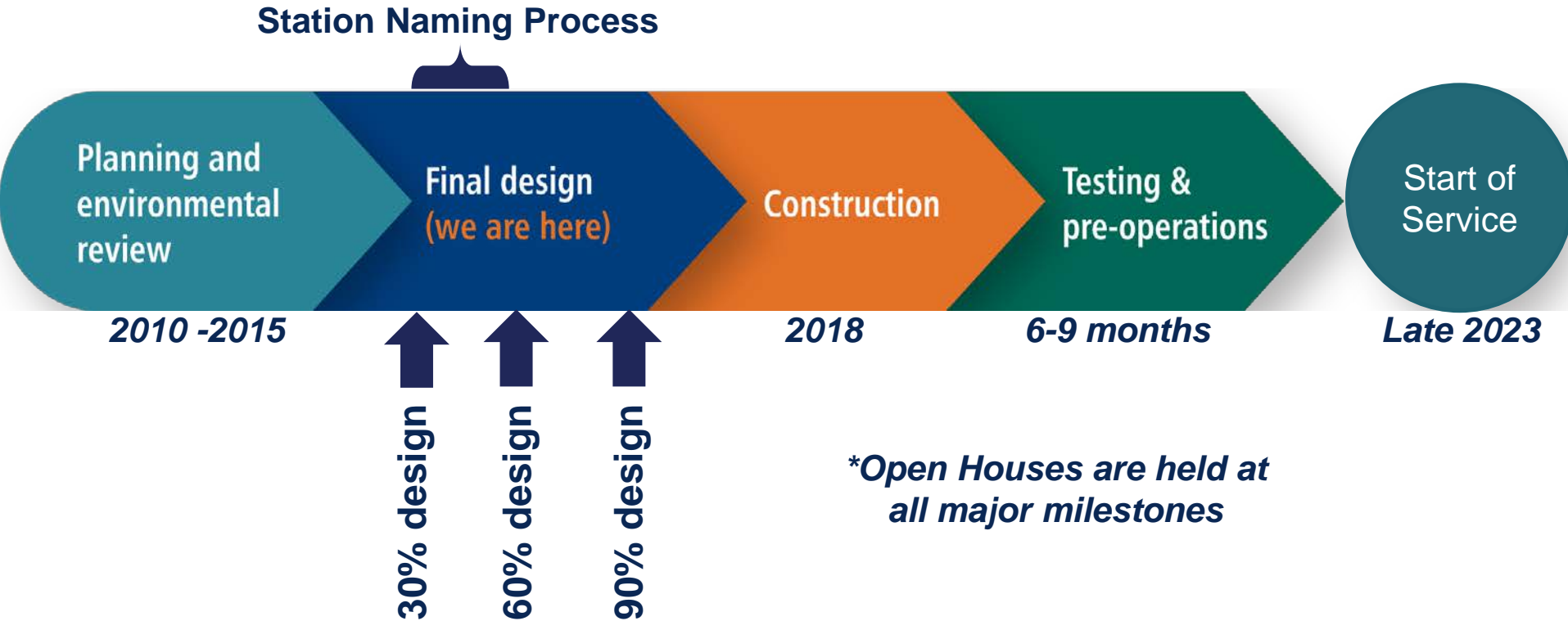
November Station Open Houses

- 30 percent station design milestone
 - 3 Live Open House events
 - Online Open House
 - Showcase the status of project design
 - Status update of project progress
 - Combined information with jurisdictional and agency partners
 - Over 4,000 people actively engaged with the project in-person or on-line
- 
- Thousands seeing opportunity to engage across the corridor through numerous notification methods

November Station Open Houses



Project schedule



Link light rail basics



Light rail vehicles
System
Guideway
Platforms
Stations
Approach to design
Color and finishes

Bike facilities
System-wide elements
Entry elements
Security
Weather protection
Railings
Landscaping

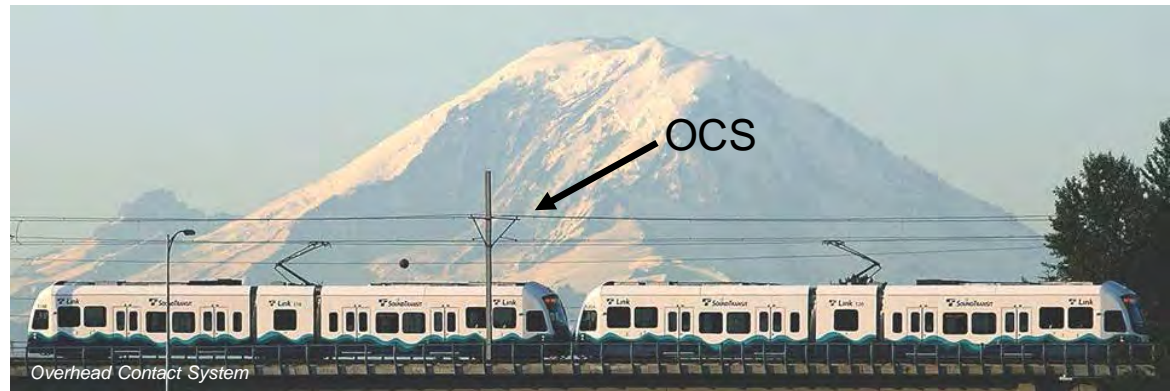
Link light rail vehicles

- 4 car trains – 380 feet long
- Low floor vehicles
- Wheelchair spaces at each door
- Bikes allowed on Link



Link light rail basics

- Light rail is versatile: at-grade, elevated, tunnels
- Electrically powered light rail vehicles (LRVs) run on railroad tracks
- Power delivered by Overhead Contact System (OCS)
- Trackside systems will be screened



Types of stations and guideway



Stations – balanced approach to design

Elements of continuity

- Station layout
- Families of parts/materials
- ST signage
- Standard colors



Bike facilities

Parking based on patronage

- Bike racks
- Bike lockers
- Bike cages

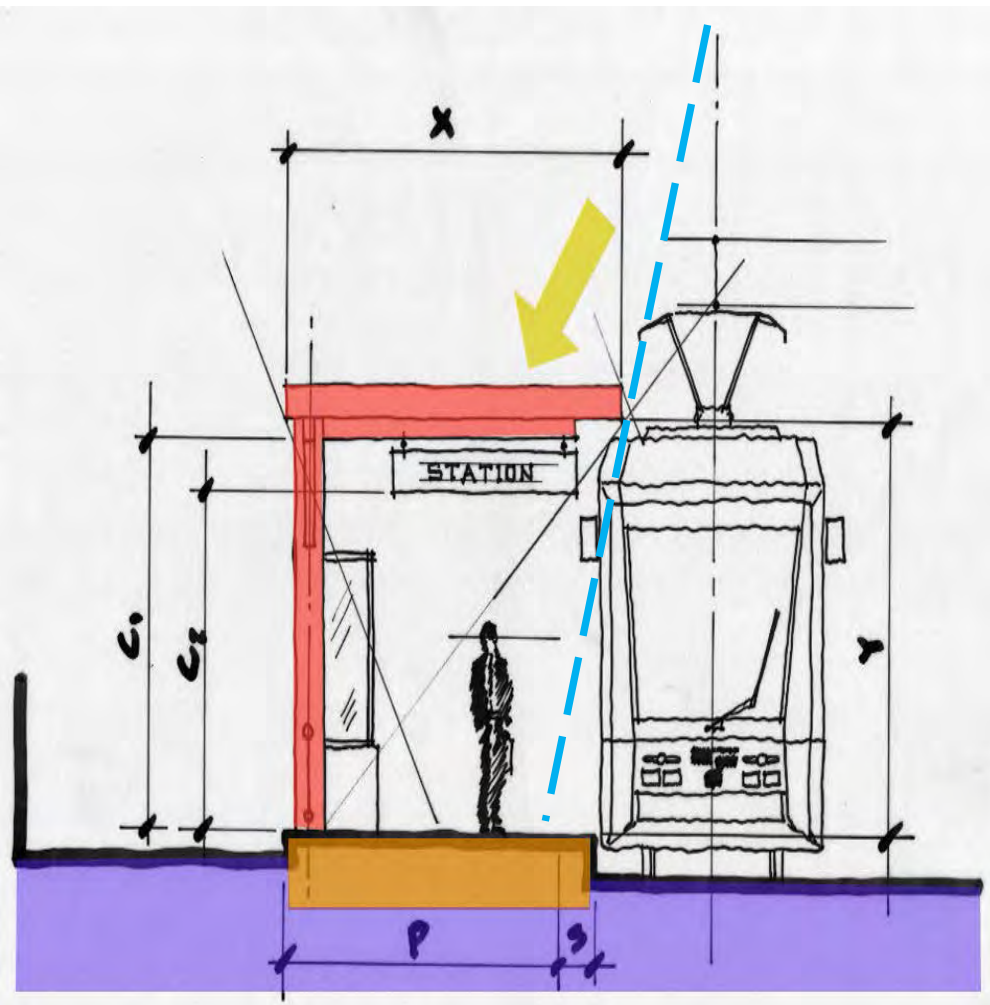


Entry elements

- ORCA card readers
- Fare paid zone
- Ticket vending machines
- Variable message signs
- Passenger emergency telephones
- Signage



Weather protection



Canopy Coverage

Typical landscaping

- Native and adaptive species



STart, Sound Transit's art program

Claudia Fitch, 2003, *Shift*,
Lynnwood Transit Center



Laura Haddad, 2016, *Cloud*
Angle Lake Station, SeaTac



Community influence

- Milestones (30%, 60%, 90%)
- Station naming
- Station design and materials
- *STart*

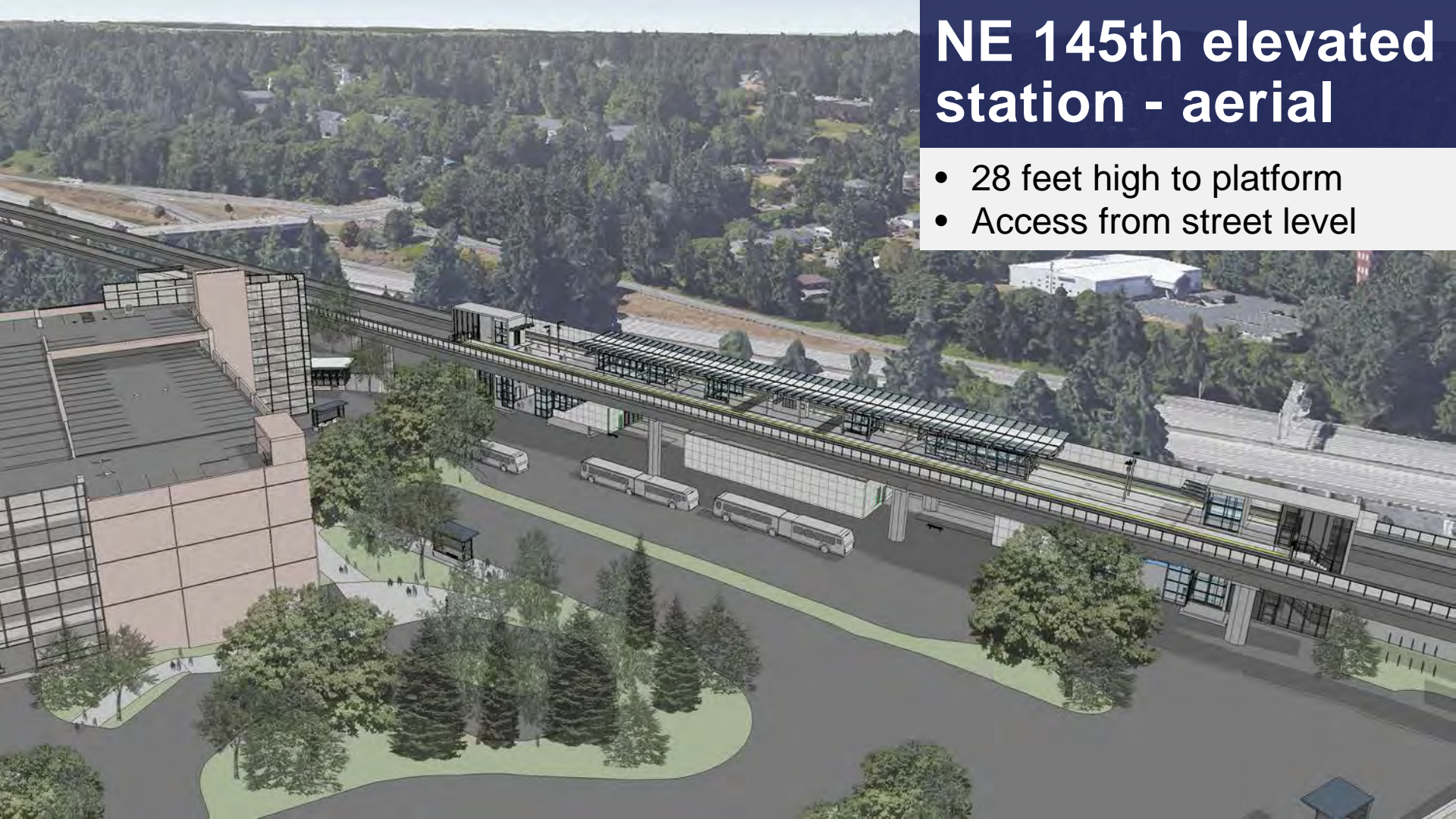


Shoreline NE 145th - center platform



NE 145th elevated station - aerial

- 28 feet high to platform
- Access from street level



NE 145th platform



Shoreline NE 185th - center platform



NE 185th cut/fill station - aerial

- 18 feet down to platform
- Access from street level



NE 185th plaza



Open House guide



Online Open House link:
lynnwoodlink.participate.online



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RIDE THE WAVE


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