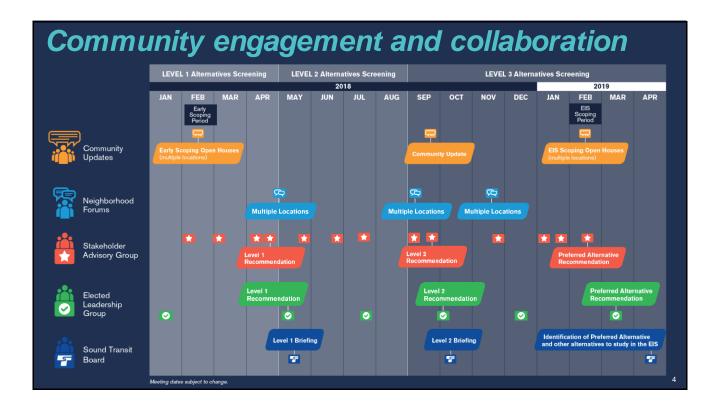


## Agenda

- Welcome & Introductions
- Community Engagement & Collaboration
- Level 2 Alternatives
- Level 2 Screening Criteria
- CID & SODO Updates
- Station Planning 101
- Next steps & Next Meeting







### May-June briefings snapshot

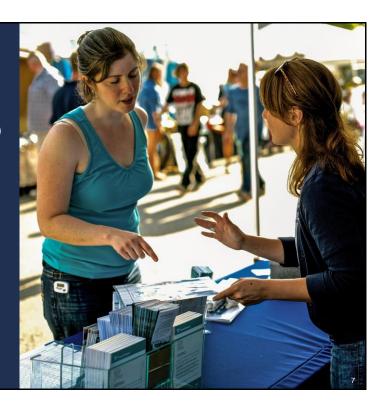
- ✓ Interlm CDA (5/2, 5/23)
- ✓ First Hill Improvement Association (5/8)
- ✓ Uptown Alliance (5/8)
- ✓ International Community Health Serviœs (ICHS) (5/8)
- ✓ Friends of Little Saigon (5/9)
- ✓ Seattle Center Resident Directors (5/9)
- ✓ Mercer Corridor Stakeholders (5/10)
- ✓ Downtown Transportation Alliance (5/14)
- ✓ Magnolia Community Council (5/15)
- ✓ Access Magnolia Community Conversation (5/21)
- ✓ Fauntleroy Business Association (5/24)
- ✓ Union Station Tour (5/25)
- ✓ CID Framework Capital Projects Coordination Workgoup (5/25)

- ✓ Chinatown-International District BIA (6/7)
- ✓ Seattle Design Commission (6/7)
- ✓ Pigeon Point Neighborhood Council (6/11)
- ✓ South downtown stakeholders (6/12)
- ✓ Seattle Planning Commission (6/14)
- ✓ Neighborcare Health Ballard (6/18)
- ✓ SODO BIA Transportation Committee (6/19)
- ✓ Ballard Food Bank (6/20)



### 2018 Festivals

- ✓ Morgan Junction Festival (6/16)
- ✓ Festival Sundiata (6/16-6/17)
- West Seattle Summer Fest (7/13-7/15)
- Ballard Seafood Fest (7/13-7/15)
- Dragon Fest (7/14-7/15)
- South Lake Union Block Party (8/10)
- Delridge Day (8/11)
- Celebrate Little Saigon (8/26)
- Night Market (9/8)
- Fishermen's Fall Festival (9/15)
- Sustainable Ballard Festival (9/22)
- Dia de Muertos (10/27-10/28)
- Magnolia Farmers Market (TBD)



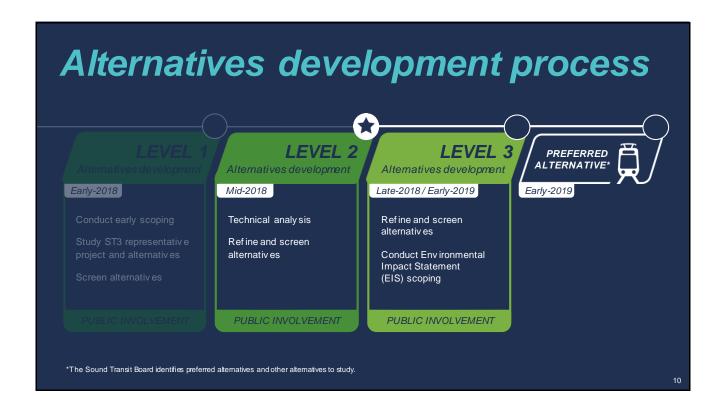
## How are we doing?

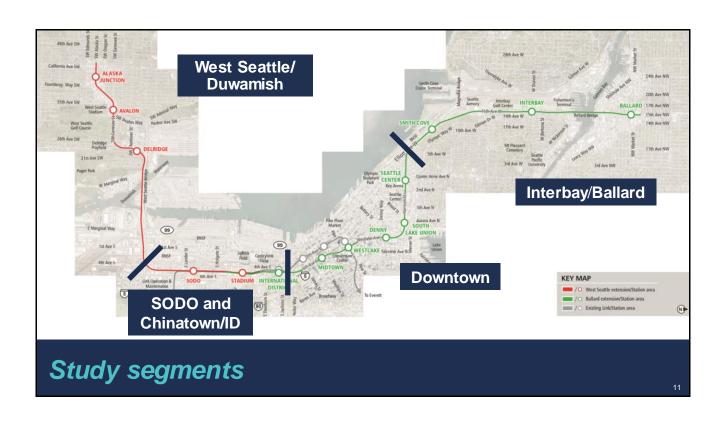
We want your input on our outreach process

- Survey targeted at all communities along project corridor.
- Notifications include ads, emails, flyers, etc.
- Open now through June 26.



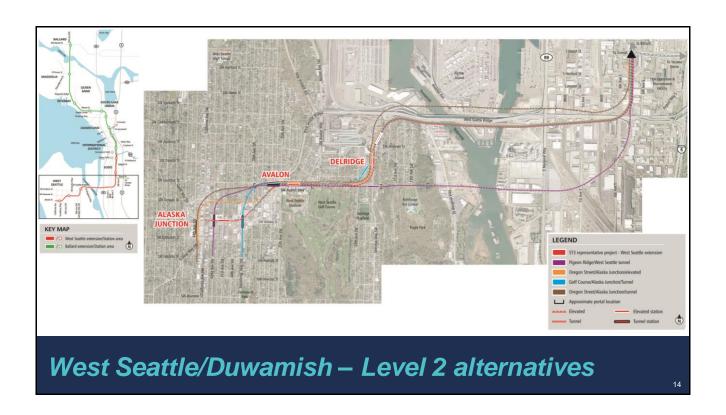








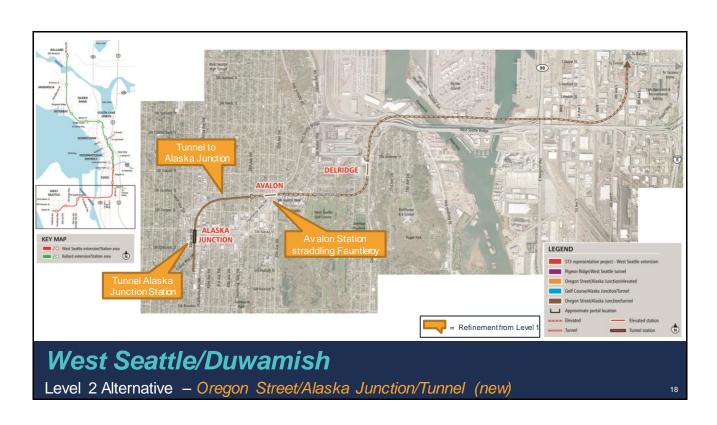


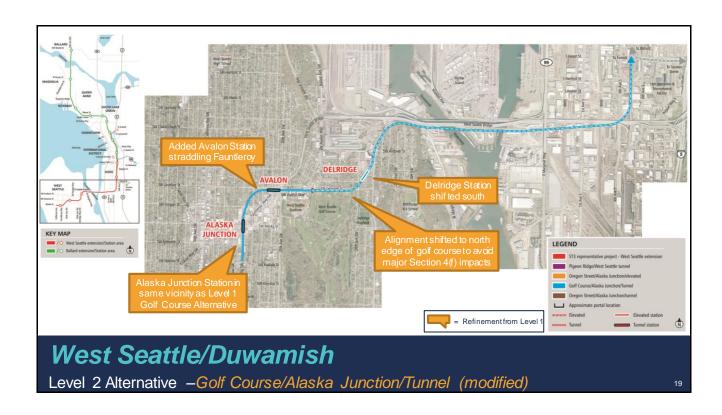


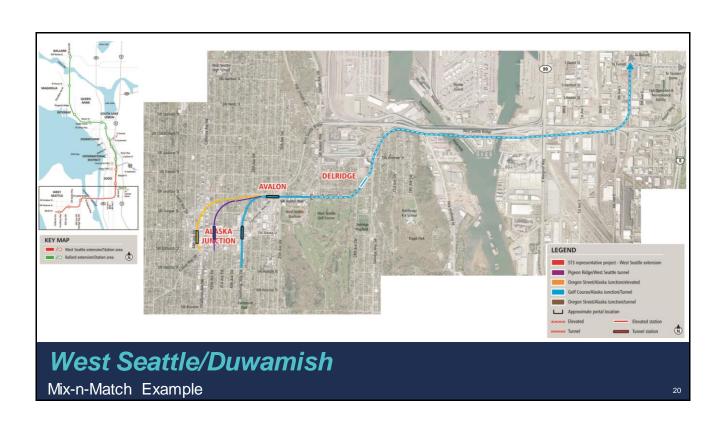




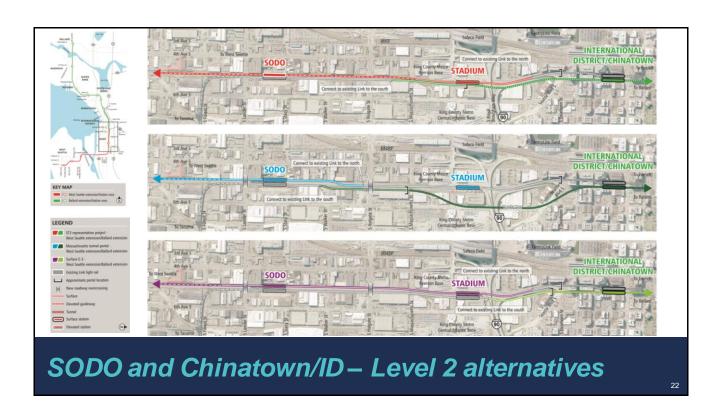


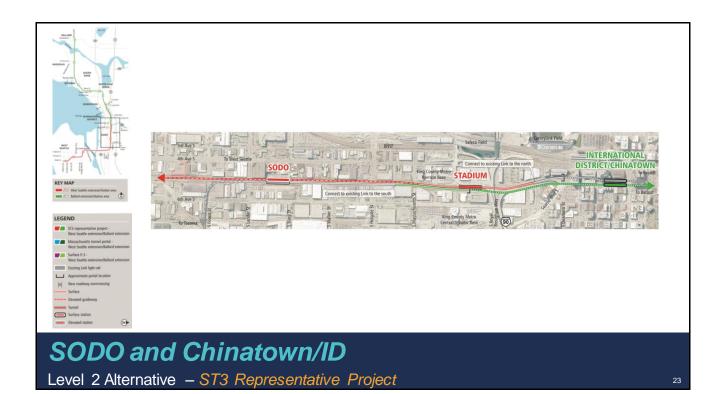


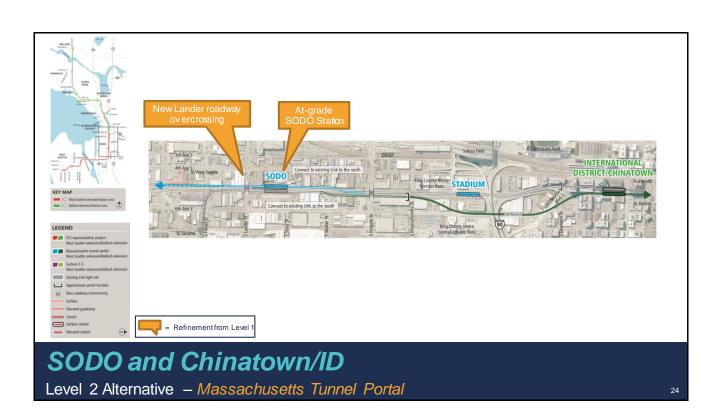














### SODO and Chinatown/ID

Level 2 Alternative - Surface E-3

25

## Additional feedback

#### SODO and Chinatown/ID

- Consider 4th Avenue location for Chinatown/ID station
- > Explore alignments further west of ST3 Representative Project





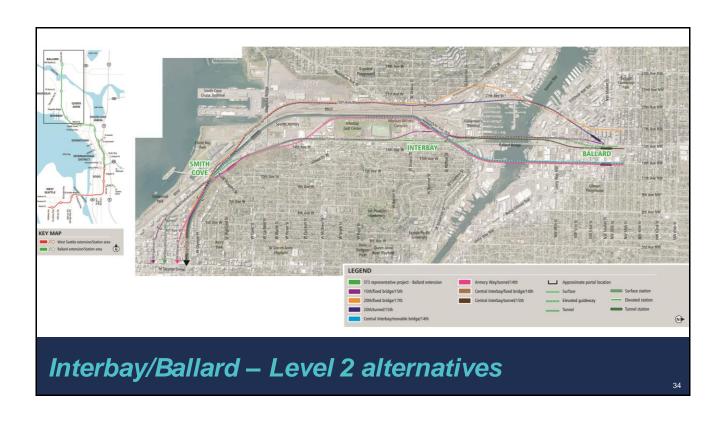




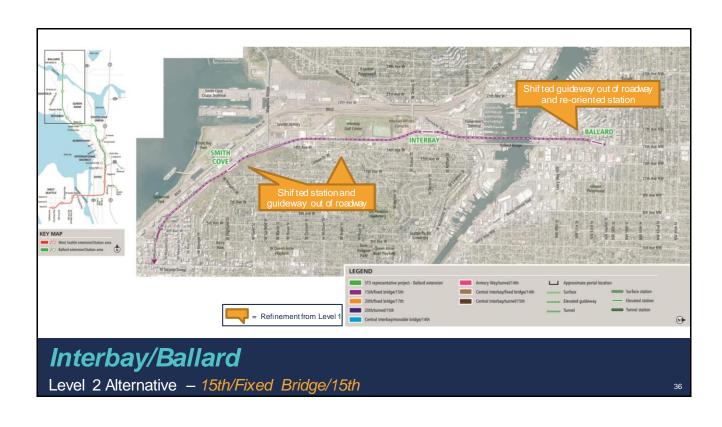






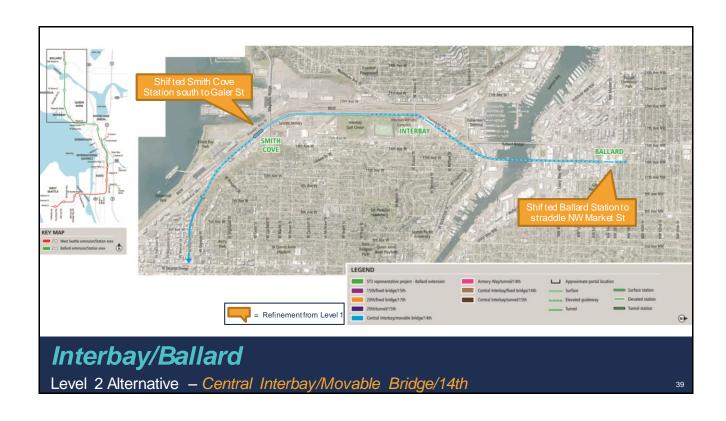


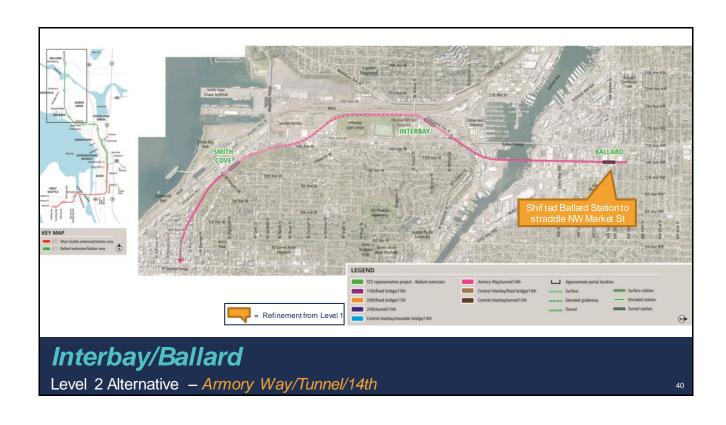




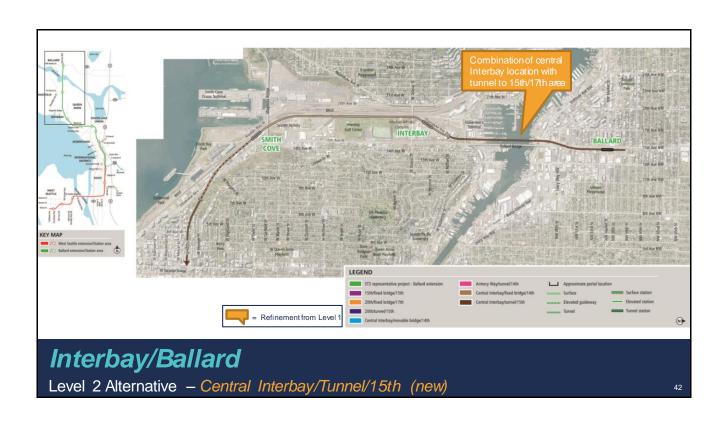


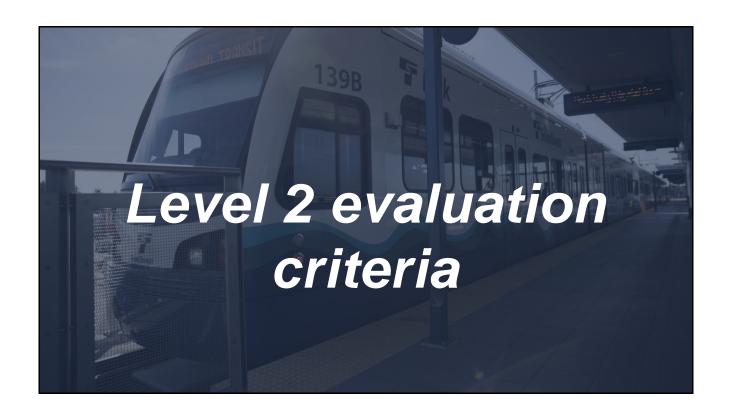












## Level 2 criteria, measures and methods

#### Feedback received:

- Stakeholder Advisory Group
- City of Seattle
- Port of Seattle
- King County Metro

### SAG Feedback and Questions

#### Specific questions and comments:

- How is ridership potential measured?
- What is meant by "historically underserved?"
- · How is access for historically underserved populations assessed?
- Why switch between Federal, State and local standards?
- How do we address inflating construction costs?
- Concern regarding use of proposed legislation for assessment of equitable development opportunities.
- Are we considering economic effects during construction and long-term?

45

### SAG Feedback and Questions

#### Other common themes:

- Are criteria/measures being weighted?
- Are we going to be able to see underlying data for rolled-up ratings?

## Modifications to measures and methods

#### Clarifications on methods:

- Historically Underserved Populations
- Station Area Land Use Plan Consistency
- Modal Integration
- Station Area Development Opportunities
- Environmental Effects
- Economic Effects

47

## Modifications to measures and methods

#### New measure added:

#### Station area land use plan consistency

• Station locations consistent with current local land use plans

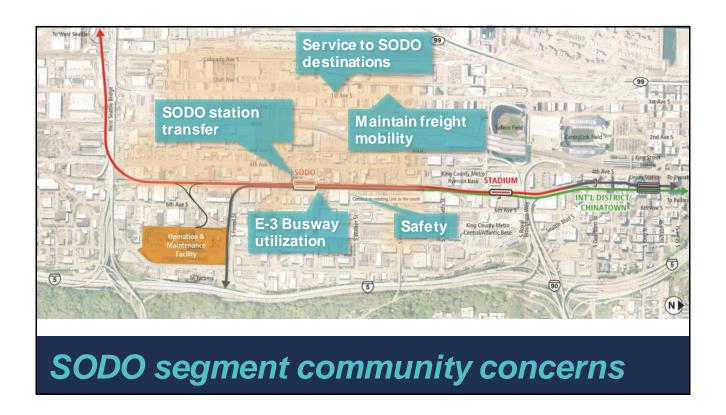


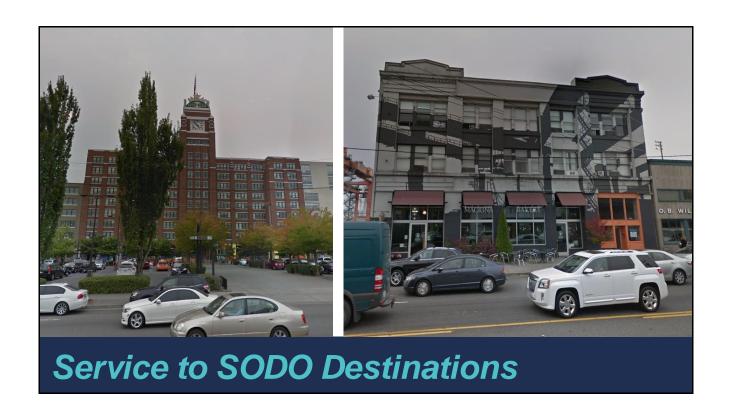
## Agency Workshops

- June 6: Identify alternatives
- June 14: Review alternatives
- Early July: Review evaluation

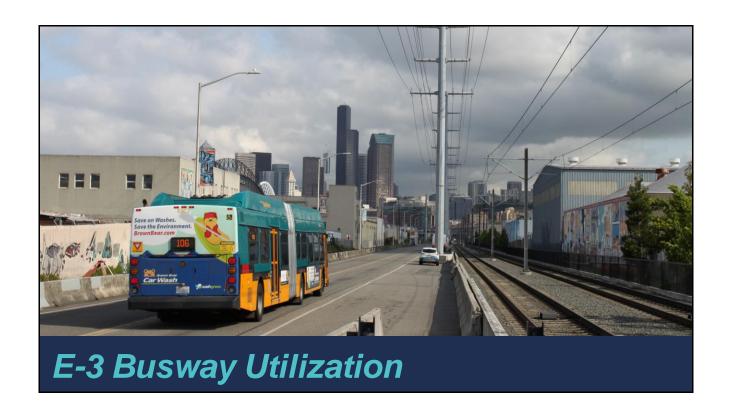
\*Community engagement in parallel







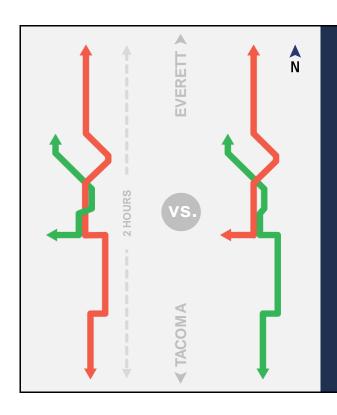






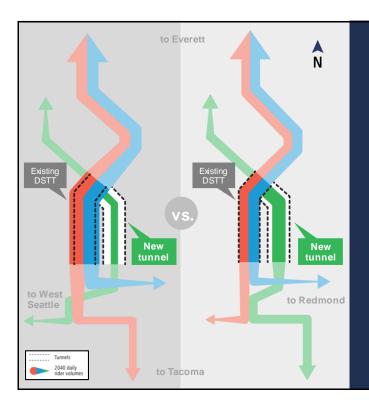






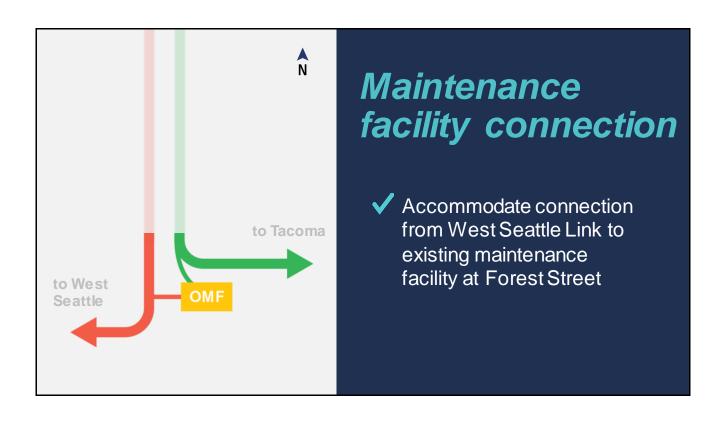
# Spine segmentation

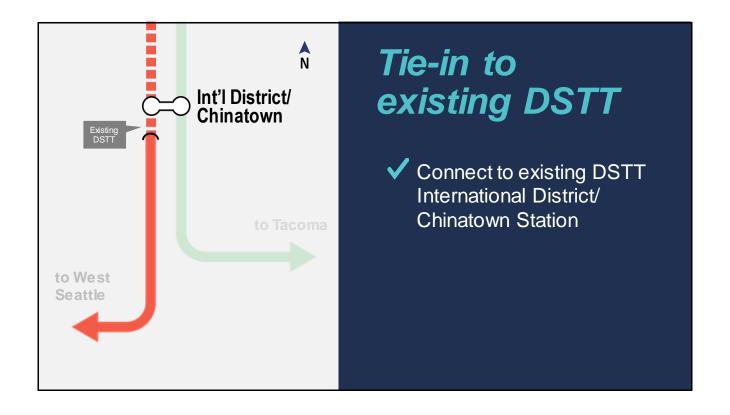
✓ Splits long trips from Tacoma to Everett

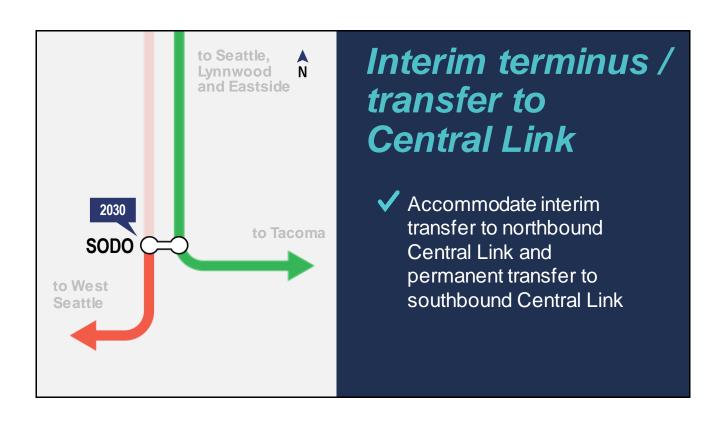


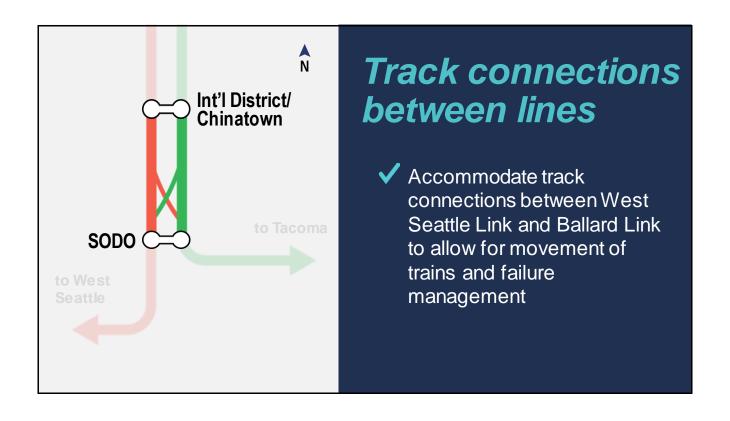
### Balanced loads

- ✓ Balances passenger loads, enabling future growth
- ✓ All users benefit from core capacity expansion







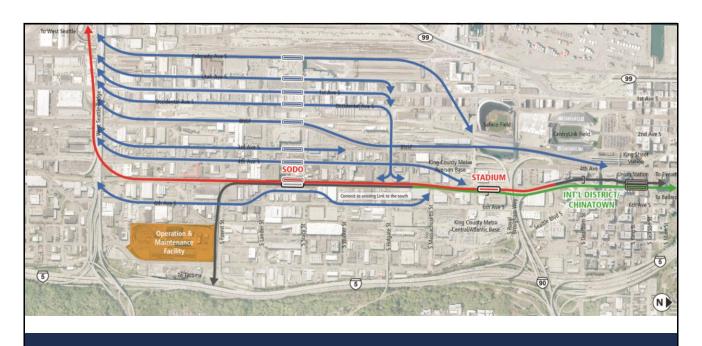


## Community concerns

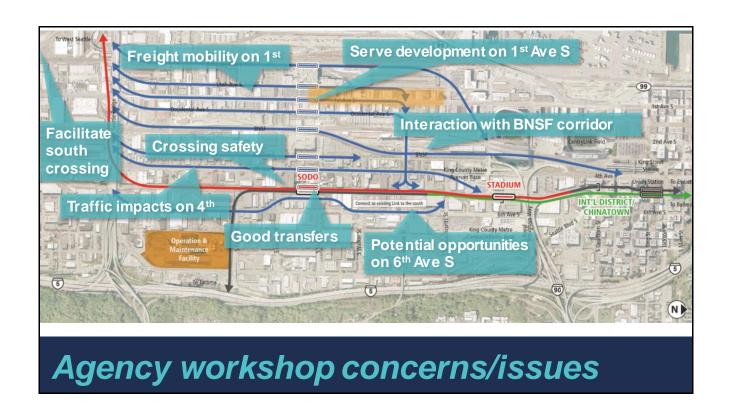
- ✓ SODO station transfer
- ✓ E-3 busway utilization
- ✓ Service to SODO destinations
- ✓ Freight mobility
- Safety

## Operational needs

- ✓ Maintenance facility connection
- ✓ Tie-in to DSTT
- ✓ Interim terminus
- ✓ Track connections

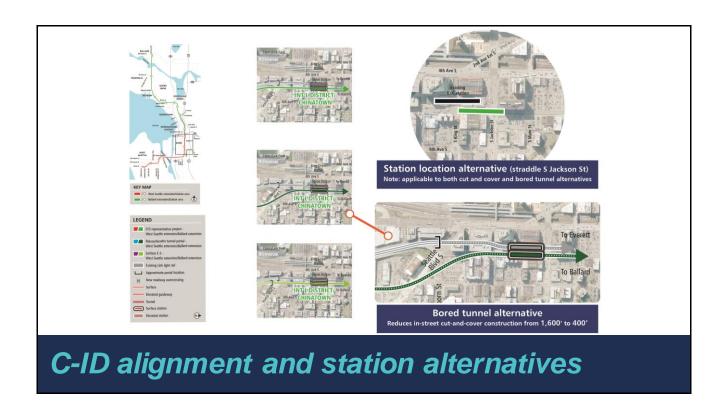


SODO route ideas from agency workshop

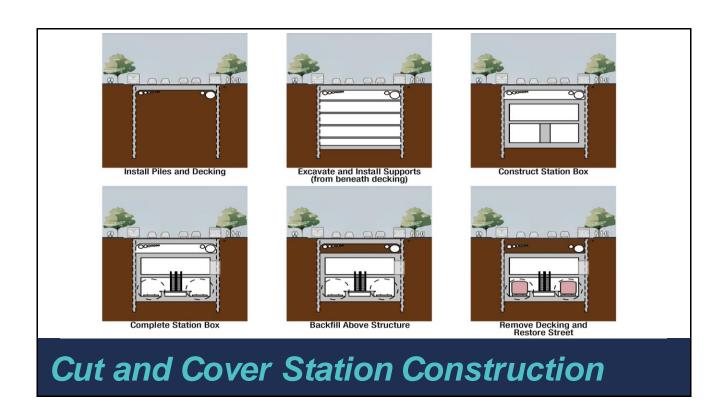




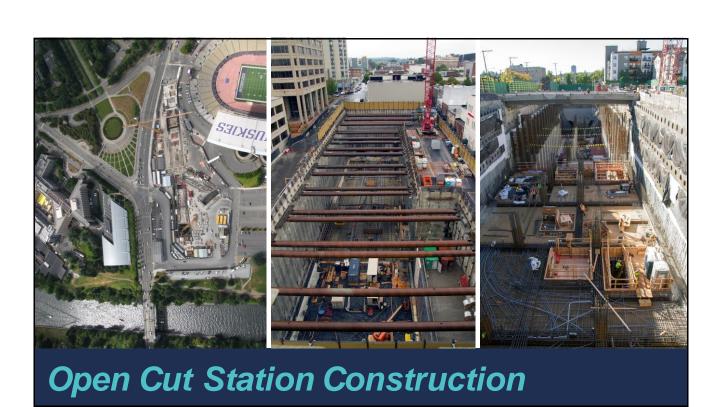


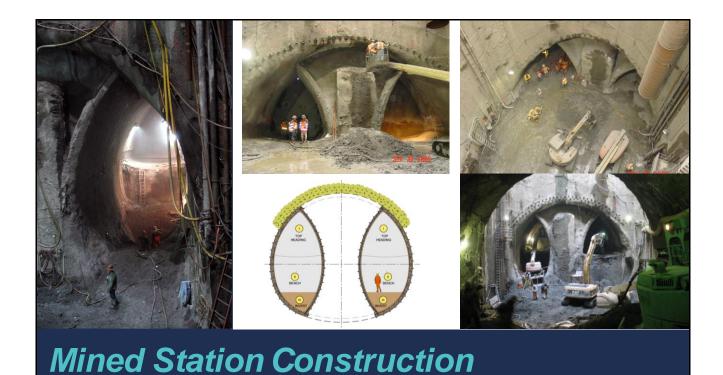












### Underground Stations in Seattle

#### Cut-and-cover stations:

• Pioneer Square, University Street (DSTT)

#### Open-cut stations:

- U District, Roosevelt (Northgate Link)
- Capitol Hill, UW (U-Link)
- International District/Chinatown, Westlake, Convention Place (DSTT)

#### Mined stations:

Beacon Hill (Central Link)

## C-ID Station Construction Constraints Initial technical challenges

- Limited right-of-way
- Poor soil conditions
- Deep piles under 4<sup>th</sup> Ave, Union Station, existing ID/C Station
- Conflicts with existing DSTT structures

## C-ID community concerns

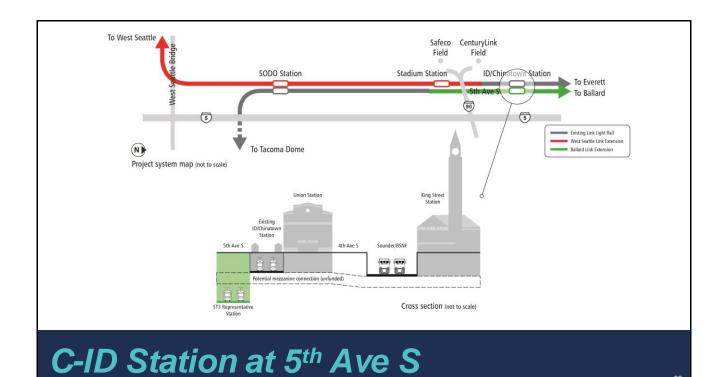
- ✓ Avoid construction impacts
- ✓ Improve intermodal connections
- ✓ Activate Union Station

# Construction constraints

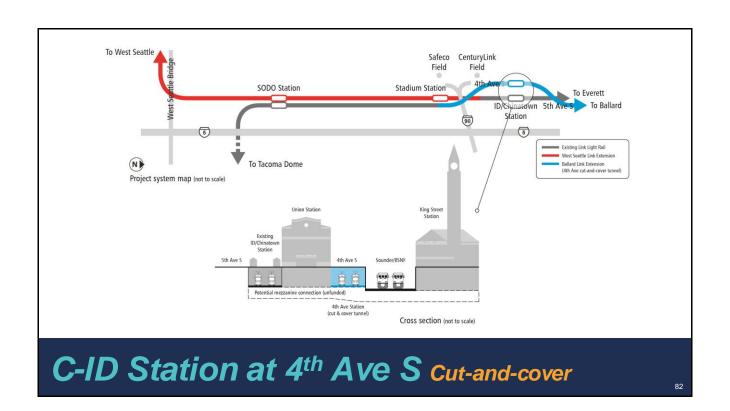
- ✓ Limited right-of-way
- ✓ Poor soil conditions
- ✓ Deep piles under 4<sup>th</sup> Ave, Union Station, ID/C Station
- ✓ Conflicts with existing DSTT structures

#### Potential C-ID Station Locations

Tunnel / Station Type	5 <sup>th</sup> Ave	4 <sup>th</sup> Ave	Union Station
Cut-and-cover  Platform depth:	<b>√</b> (50-70')	<b>√</b> (30-40')	×
Bored / mined  Platform depth:	<b>√</b> (80-100')	<b>√</b> (80-150')	(80-150')







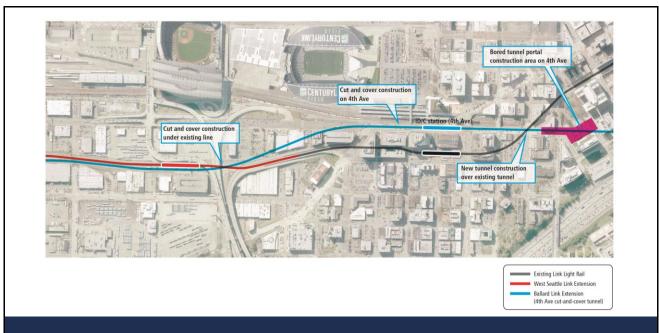


### C-ID Station at 4<sup>th</sup> Ave S cut-and-cover

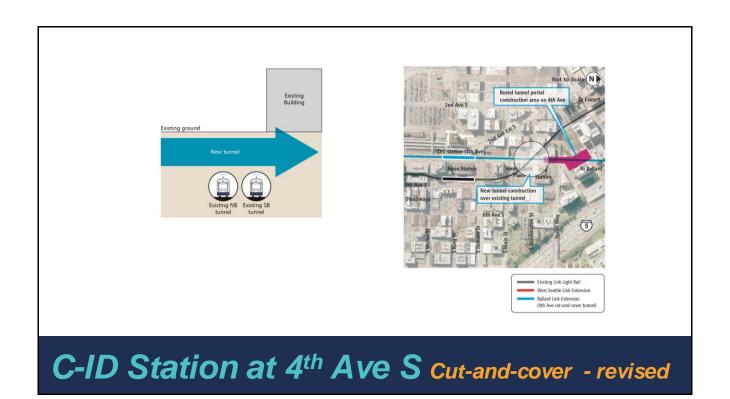
Existing ground

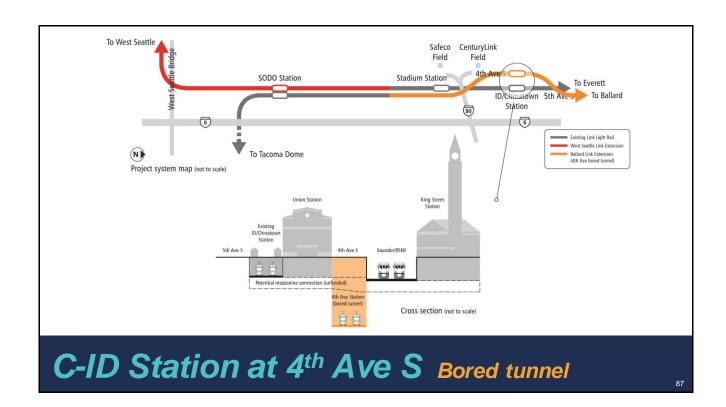
New turnel

N

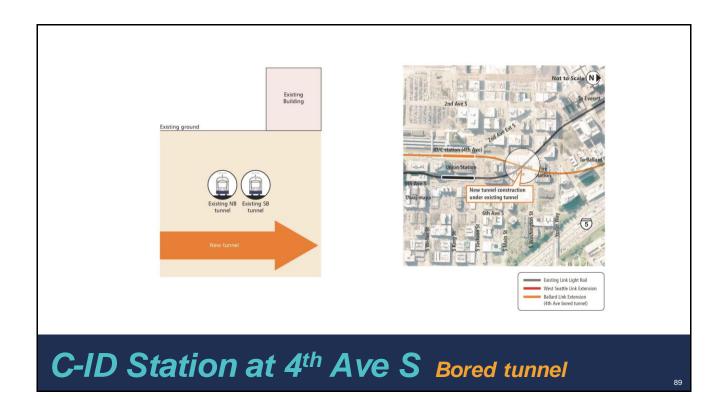


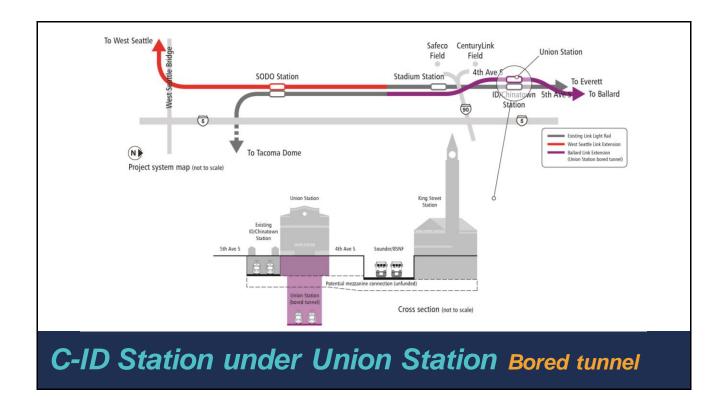
#### C-ID Station at 4th Ave S cut-and-cover - revised





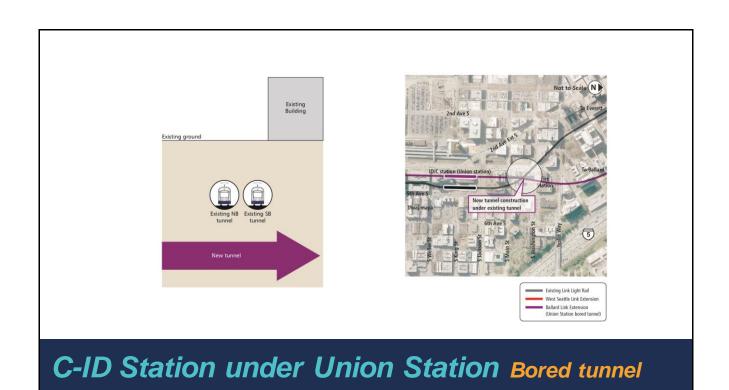








#### C-ID Station under Union Station Bored tunnel



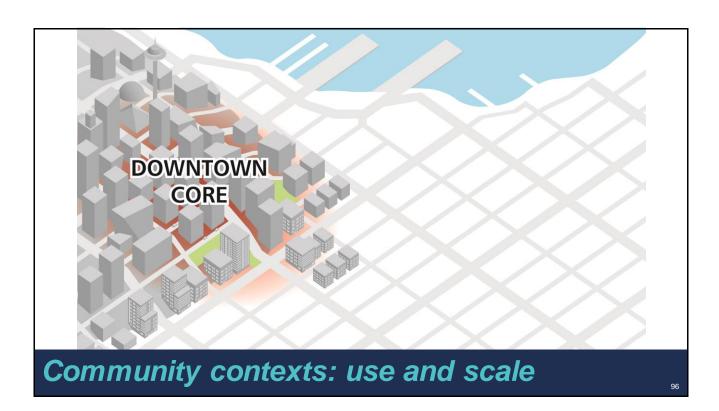


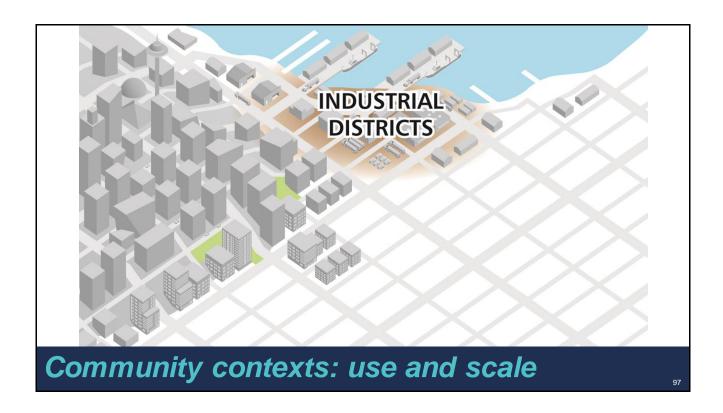


### Station Planning Scope

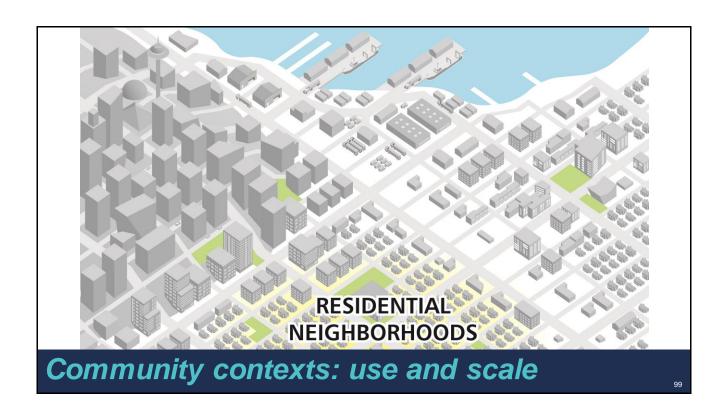
- 1. Support alternatives development process
- 2. Advance design concepts to assist evaluation of station locations
- 3. Identify opportunities and challenges for further study in EIS phase

95

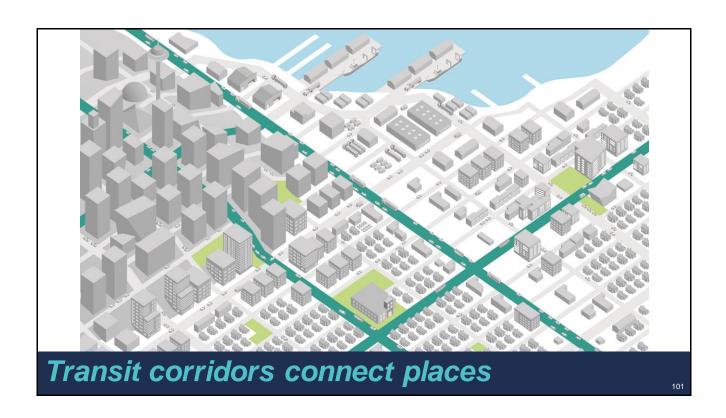




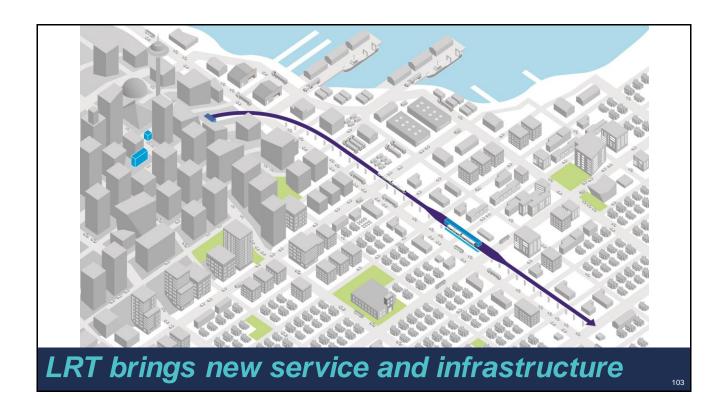


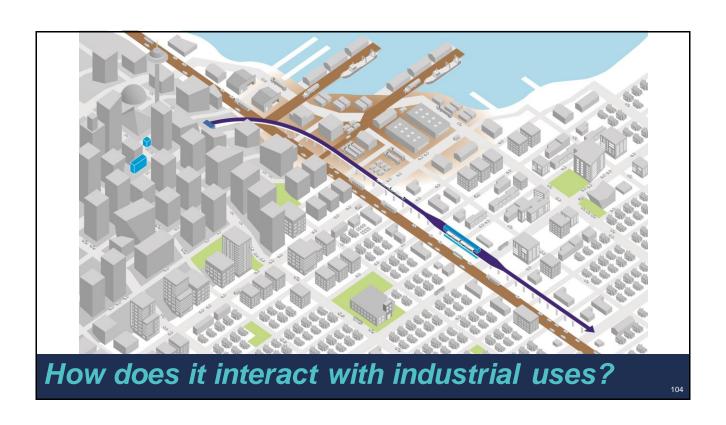


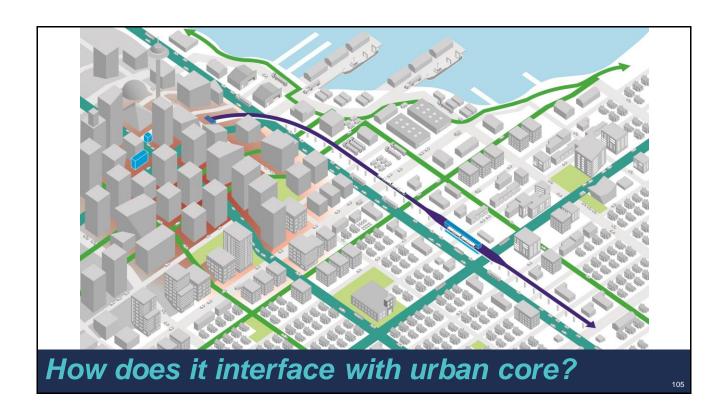


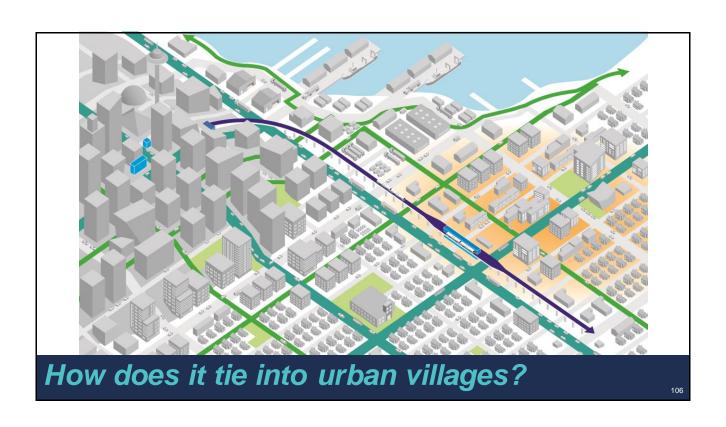




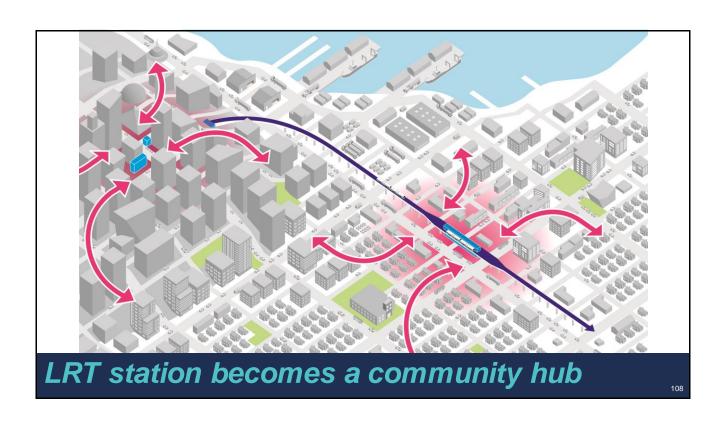


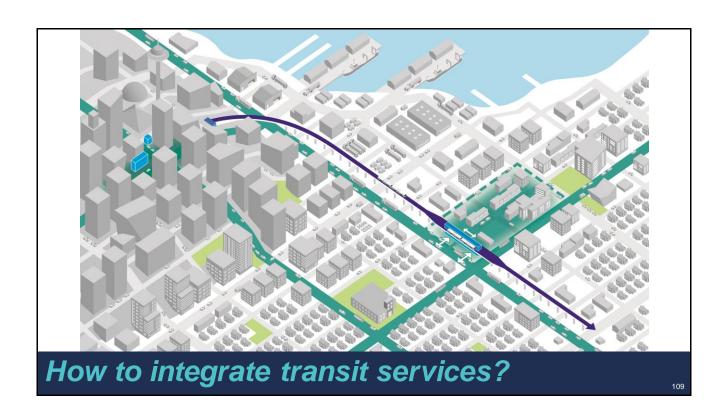


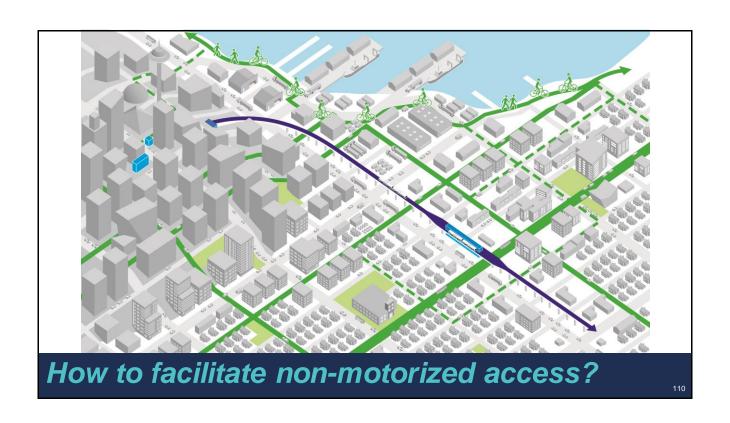


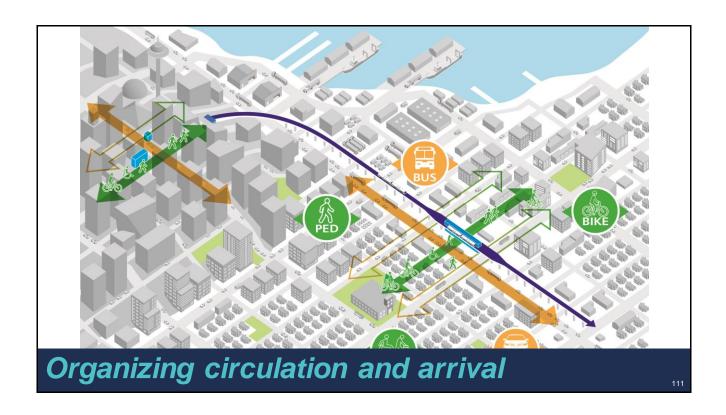


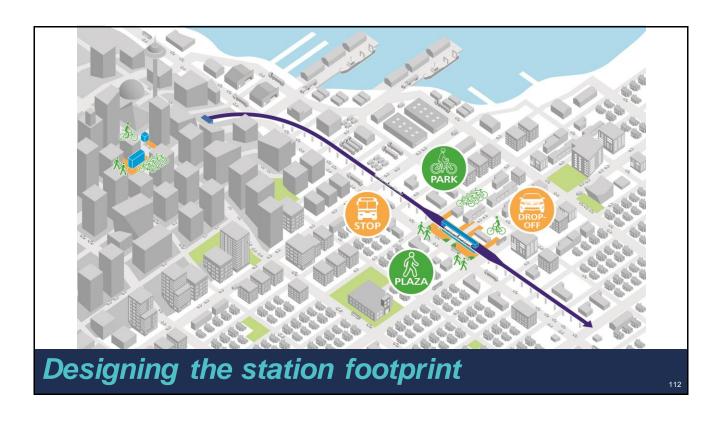






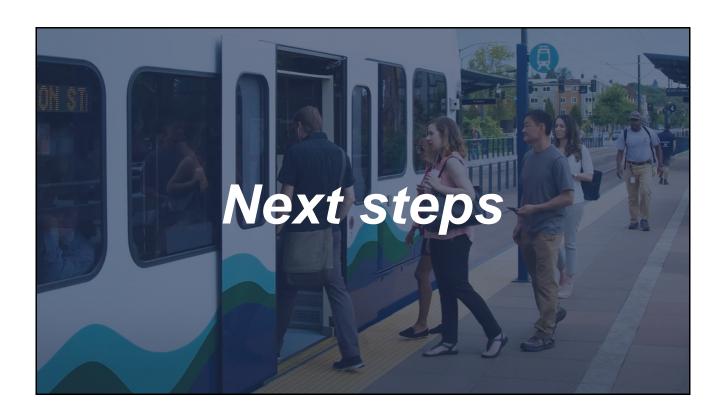












## **Upcoming Level 2 Meetings**

**SAG Meeting #7** Stakeholder/communityengagement July 16, 2018 Chinatown/ID & SODO alignment and station alternatives Technical briefings: TBD **ELG Meeting** Stakeholder/communityengagement July 19, 2018 Chinatown/ID & SODO alignment and station alternatives SAG Meeting #8 Stakeholder/communityengagement Sept. 5, 2018 Level 2 evaluation results Stakeholder/communityengagement SAG Meeting #9 Sept 26, 2018 Level 2 recommendations **ELG Meeting** Stakeholder/communityengagement Oct. TBD, 2018 Level 2 recommendations

