

PROJECT OVERVIEW

S Lander St is an essential east-west corridor in Seattle's SODO neighborhood serving:

- Freight and passenger rail
- Daily vehicular commuters
- Pedestrians and bicycles
- King County Metro
- Port of Seattle
- Local businesses and major employers

The challenge: Regular railroad operations currently create traffic delays and significant safety concerns.

The solution: The Seattle Department of Transportation will build a bridge on S Lander St between 1st Ave S and 4th Ave S over the railroad tracks to improve:

- Local traffic circulation
- Rail operations
- Safety for pedestrians and bicycles in the SODO neighborhood

S LANDER ST BY THE NUMBERS

Daily use:


100+
Trains


13,000+
Vehicles


1,400
Pedestrians


100
Bicycles


75,000
Jobs supported
(100,000 by 2040)

Daily closures: **100+**

Average traffic delay per closure: **2 minutes, 40 seconds**

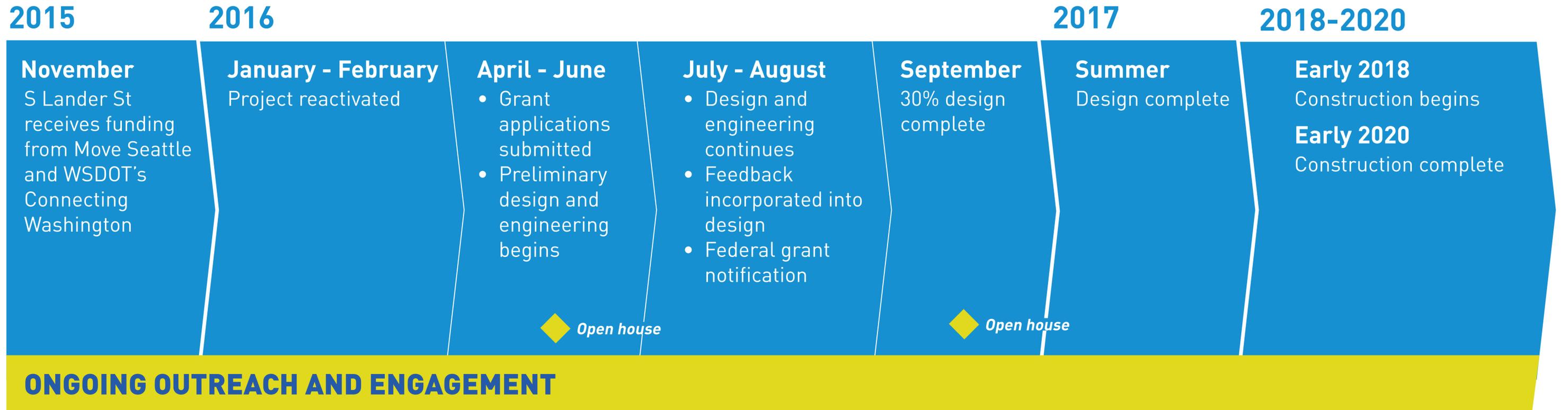
Average closure time per day: **4 hours, 50 minutes**

Crossing violations per day: **485**

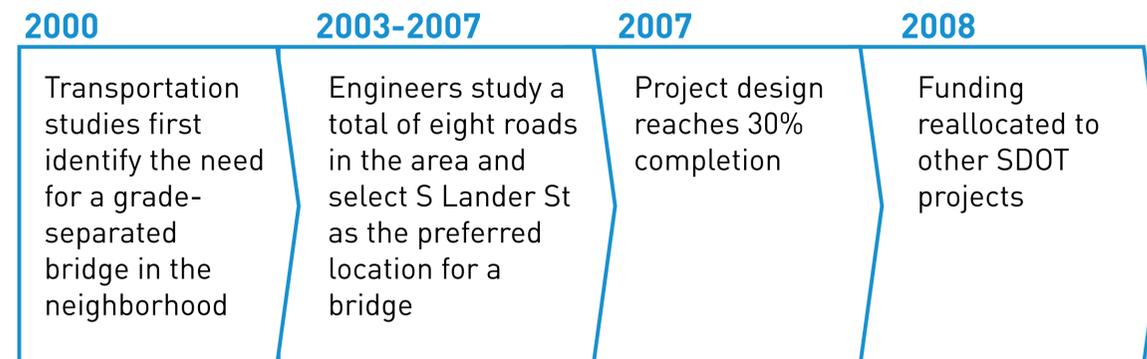
Collisions over the past five years: **85**

Fatalities over the past five years: **3**

PROJECT TIMELINE



Project previous history

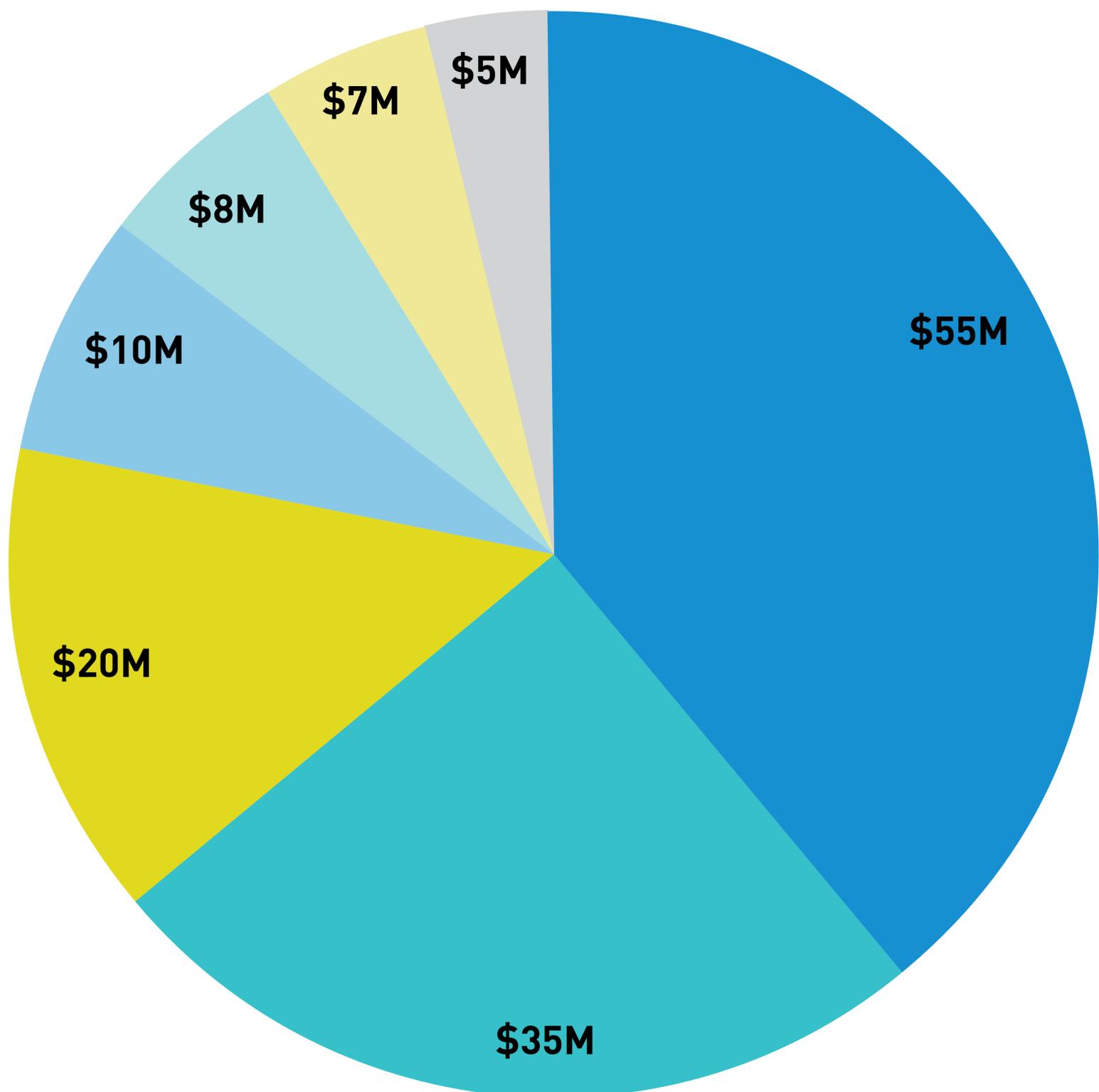


PROJECT FUNDING PLAN

- \$55M:** Federal FASTLANE Grant¹
- \$35M:** Local Funding Sources
- \$20M:** Levy to Move Seattle
- \$10M:** Puget Sound Regional Council¹
- \$8M:** Freight Mobility Strategic Investment Board

- \$7M:** WSDOT - Connecting Washington
- \$5M:** BNSF²

1. Grant applications in progress
2. BNSF is committing at least 5% (approximately \$5 million) pursuant to 23 CRF 666.210



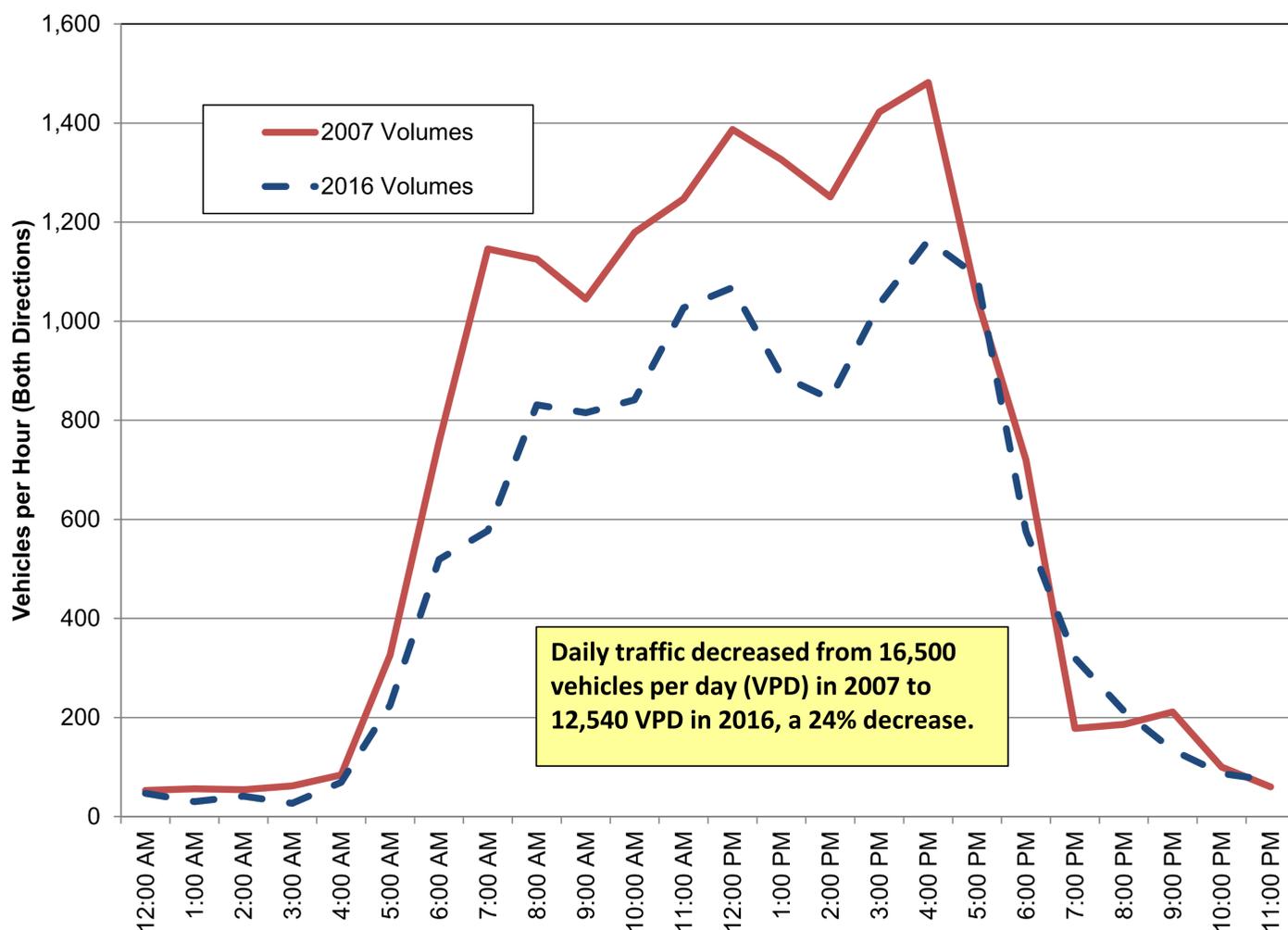
TOTAL: \$140M

REEVALUATING DESIGN

Changes in mobility

- Our transportation system has changed since 2007.
- Projects over the last decade that have changed SODO traffic patterns:
 - SODO Link Light Rail Station (2009)
 - Alaskan Way Viaduct bored tunnel decision (2009)
 - SR 519 grade-separated crossing at S Royal Brougham Way and westbound I-90 off-ramp to S Atlantic Street/Edgar Martinez Drive S (2010)
 - S Spokane St viaduct ramp (2012)

Traffic volume comparison at S Lander St



Data reflects weekday traffic volumes

Based on changes in mobility, SDOT is reevaluating the project's previous design concepts to ensure:

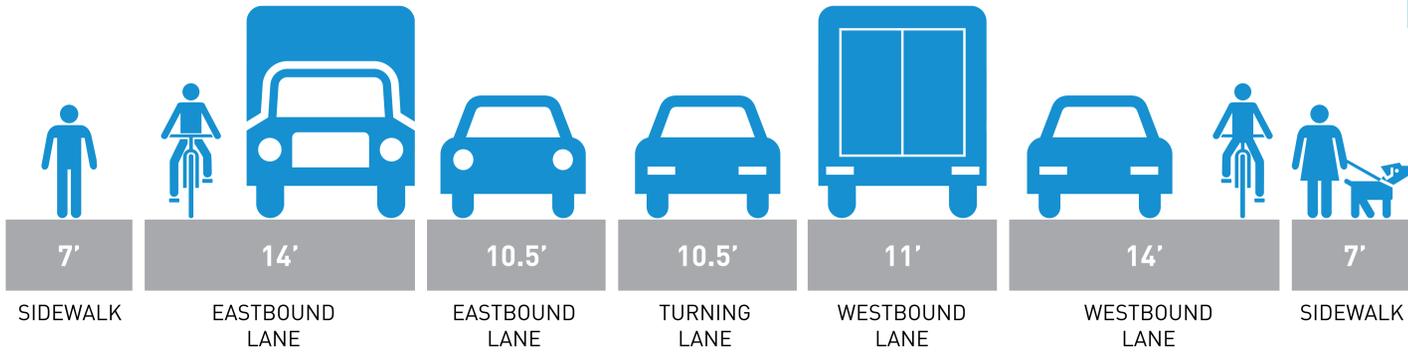
- The safest, most effective solution
- The most efficient use of funding

BRIDGE CROSS-SECTIONS

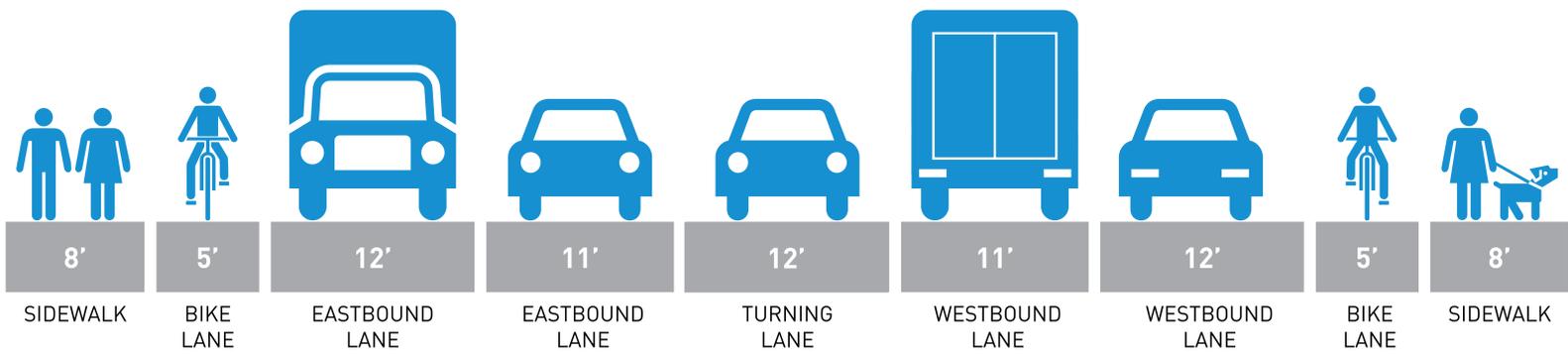
Preliminary options

Current road conditions

All cross-sections are facing west



2007 proposed design



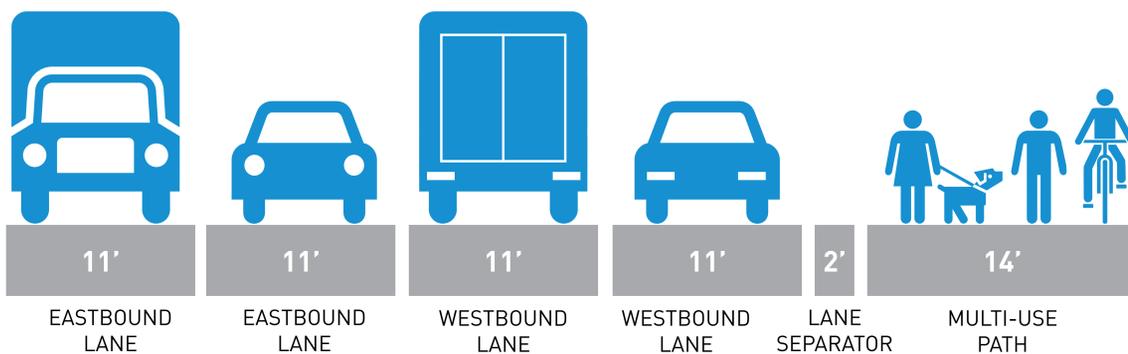
2016 lane options

INSTRUCTIONS

Use the push pins provided to indicate your preference on the bridge cross-section options below.

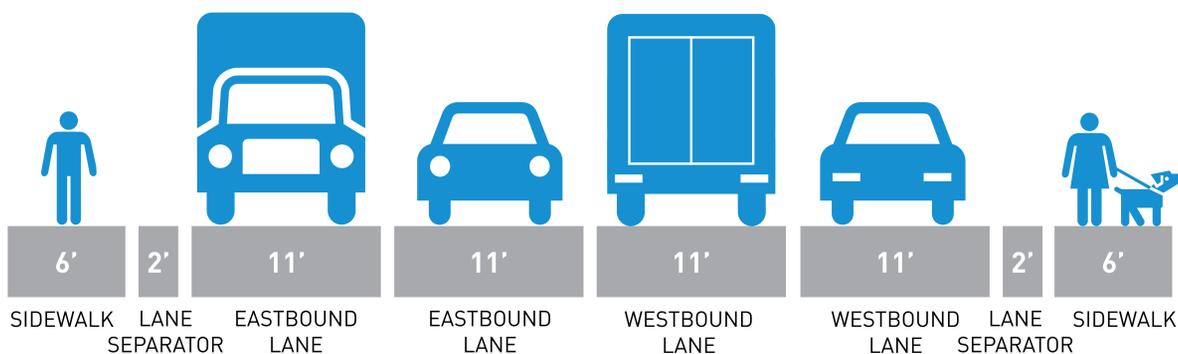
GIVE YOUR FEEDBACK

Design option 1: Multi-use path on north side



Do you like this option? If so, place a push pin here to let us know.

Design option 2: Sidewalks on both sides



Do you like this option? If so, place a push pin here to let us know.

LOCAL ACCESS

EAST OF RAILROAD TRACKS

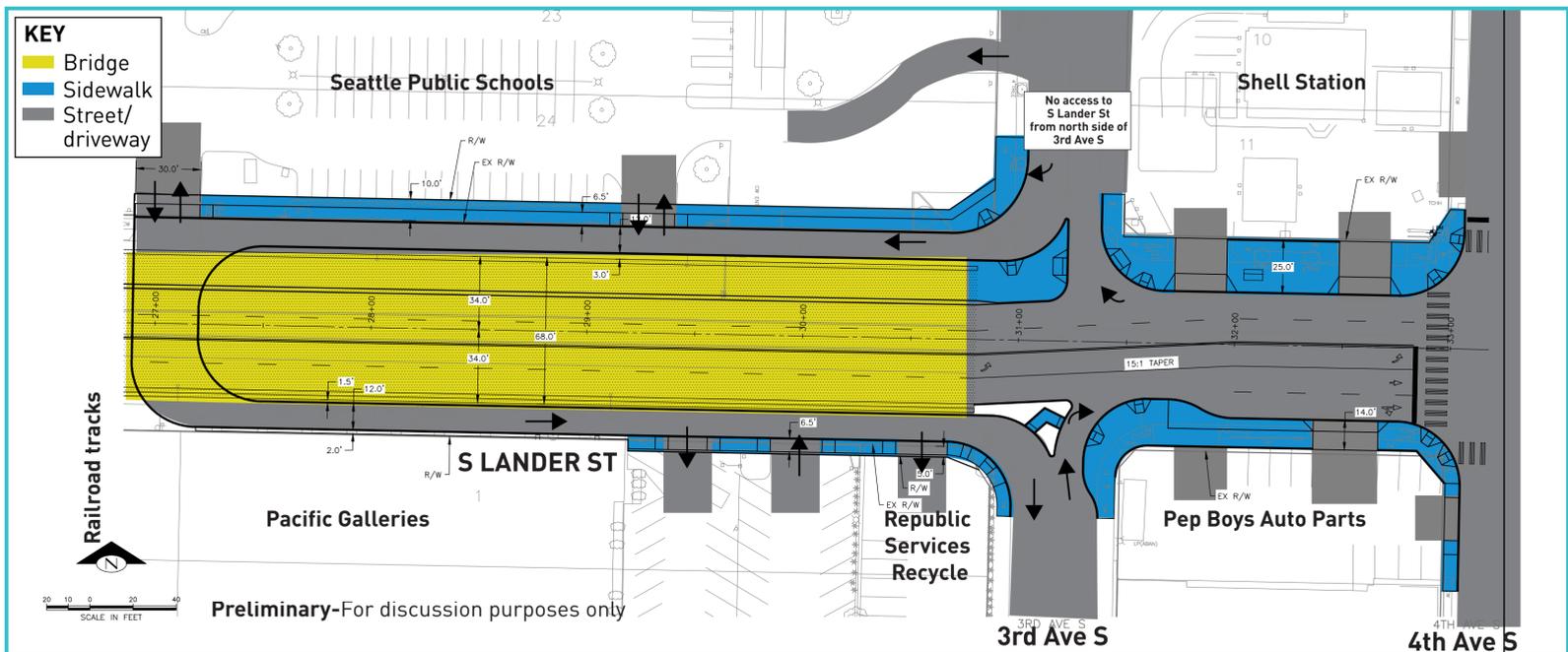
Preliminary options

INSTRUCTIONS

Use the push pins provided to indicate your preference on the access options below.

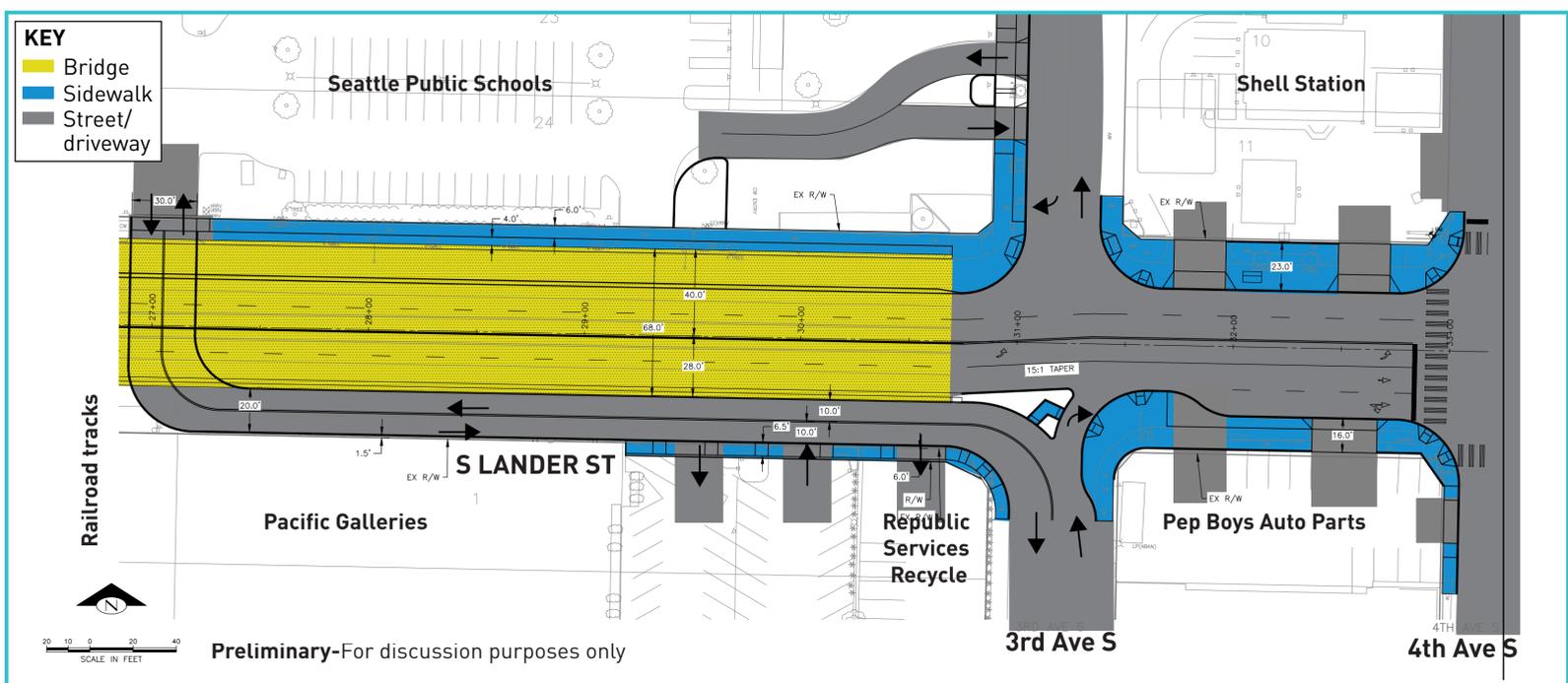
GIVE YOUR FEEDBACK

Option 1



📌 Do you like this option? If so, place a push pin here to let us know.

Option 2



📌 Do you like this option? If so, place a push pin here to let us know.

LOCAL ACCESS

WEST OF RAILROAD TRACKS

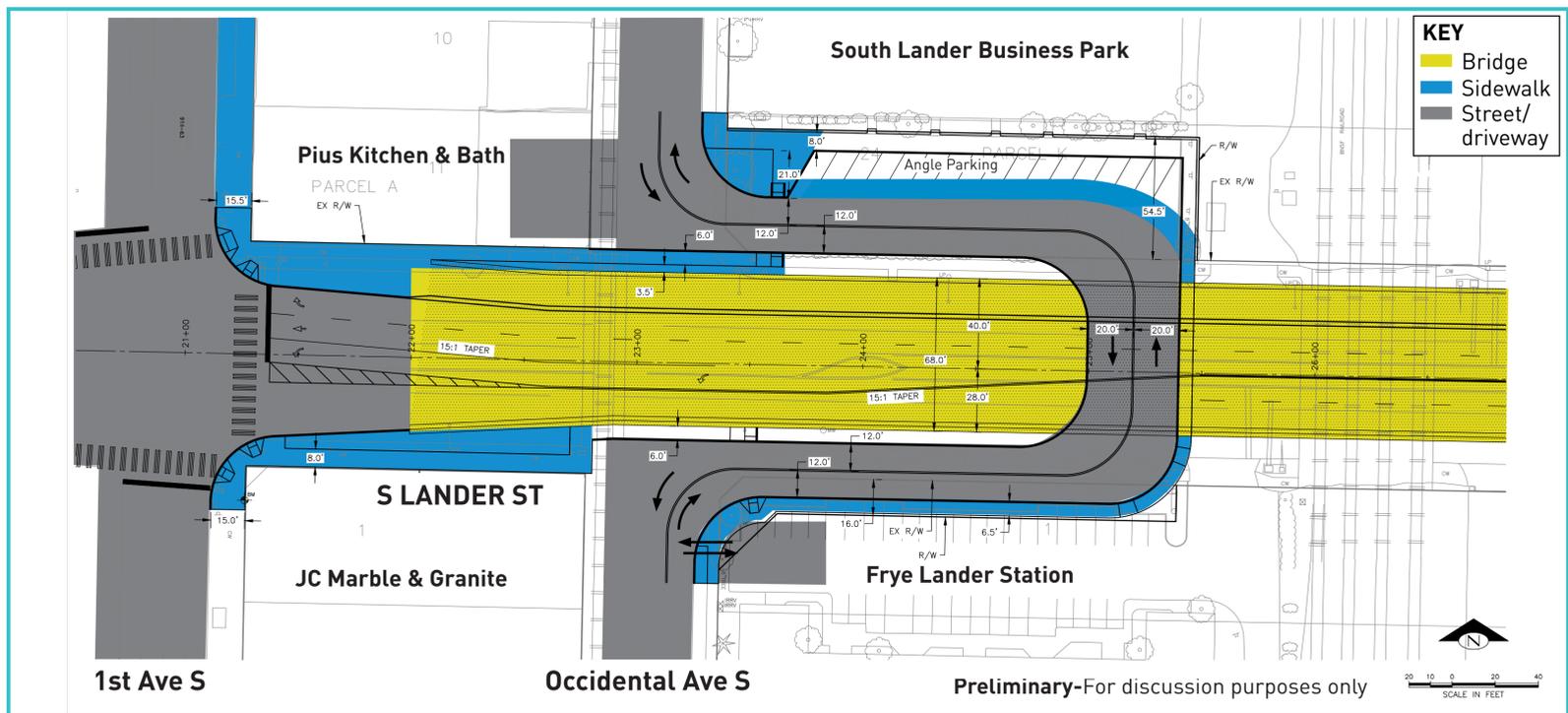
Preliminary options

INSTRUCTIONS

Use the push pins provided to indicate your preference on the access options below.

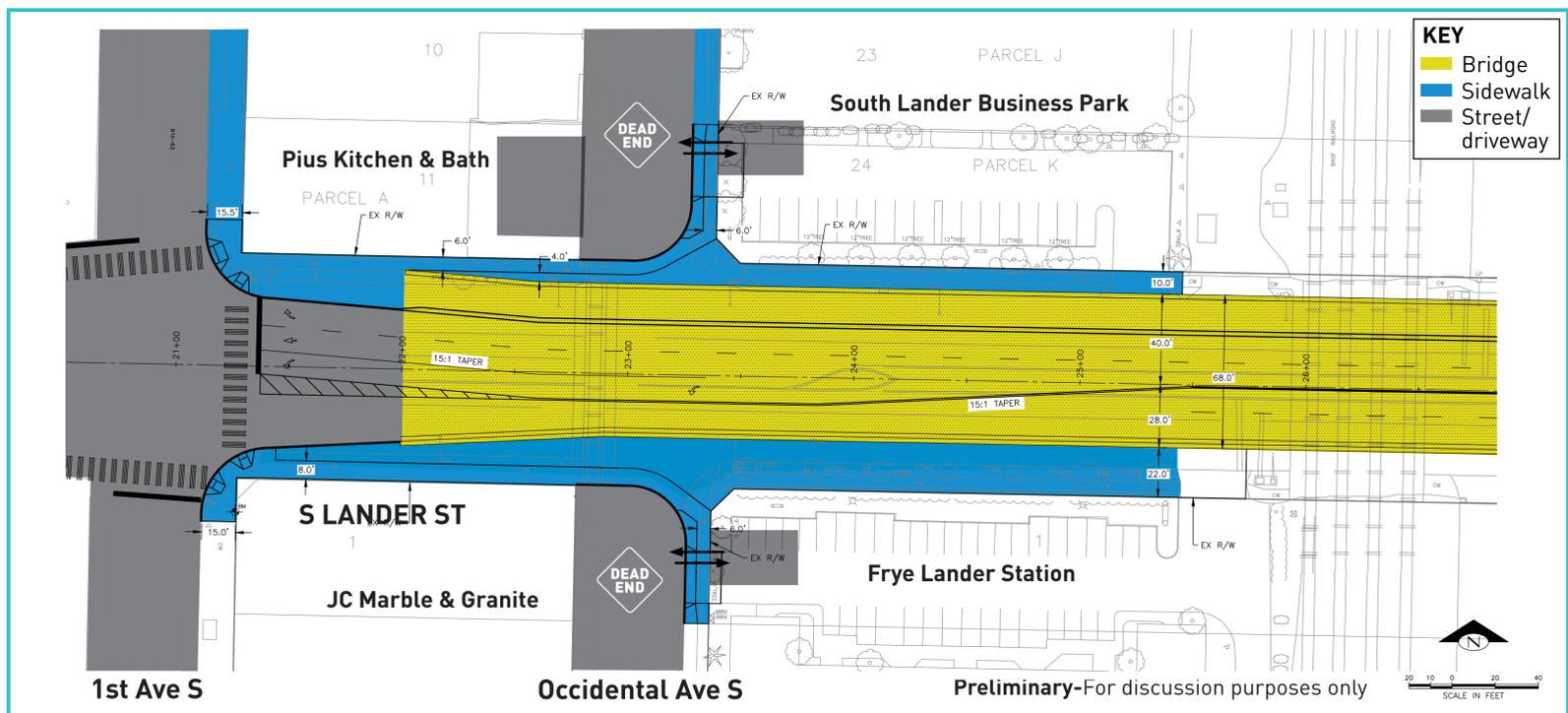
GIVE YOUR FEEDBACK

Option 1



📌 Do you like this option? If so, place a push pin here to let us know.

Option 2



📌 Do you like this option? If so, place a push pin here to let us know.

URBAN DESIGN

Preliminary options

The photos below provide examples of urban design elements.

**GIVE YOUR
FEEDBACK**

INSTRUCTIONS

Do you like certain design options below? Use the push pins provided to let us know.

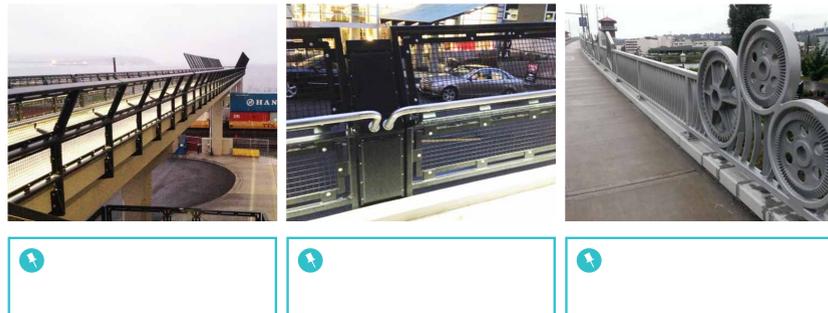
Railings - Precast concrete, metal rails or combination / vehicle barrier and architectural railing



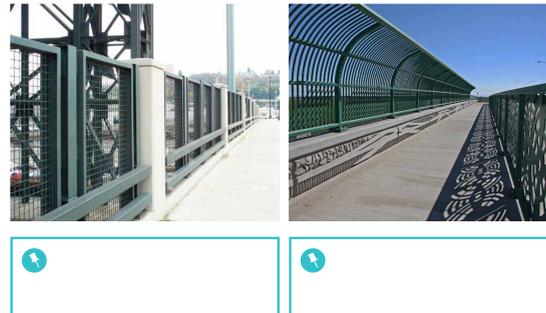
Retaining Wall - Concrete formliner / vine planting



Handrail - Custom architectural or artist designed



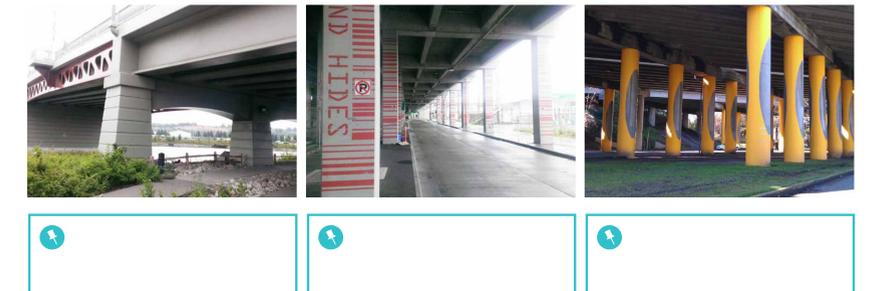
Throw Barrier - Higher throw fence at railroad portion



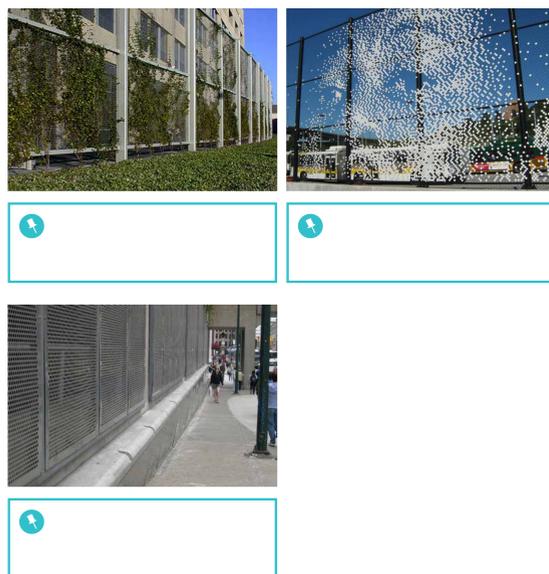
Landscaping - Low growing / drought tolerant / CPTED safety principles / enhanced stormwater design



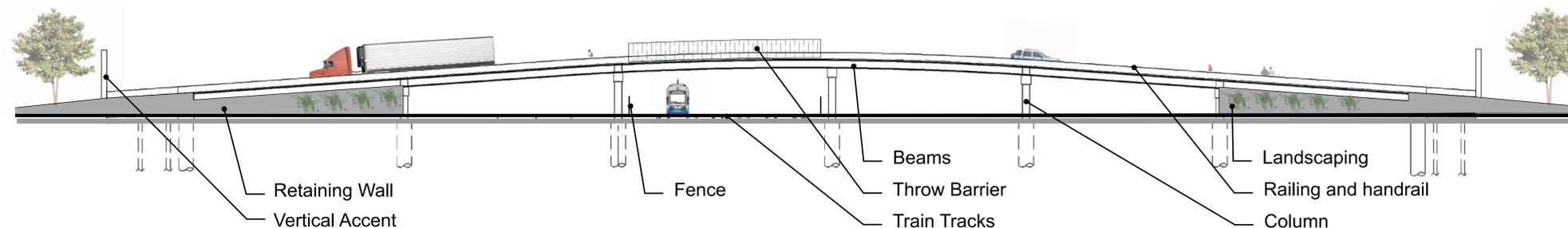
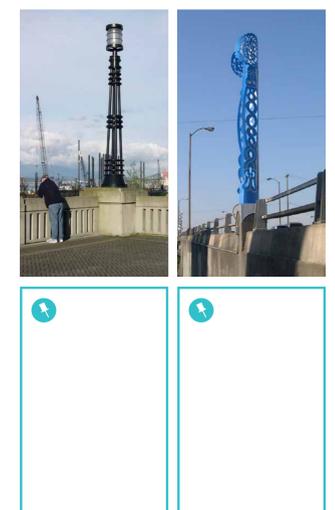
Columns - Painting or texturing / formliner veneer



Fences - Architectural fencing / wire mesh / perforated metal / artist designed

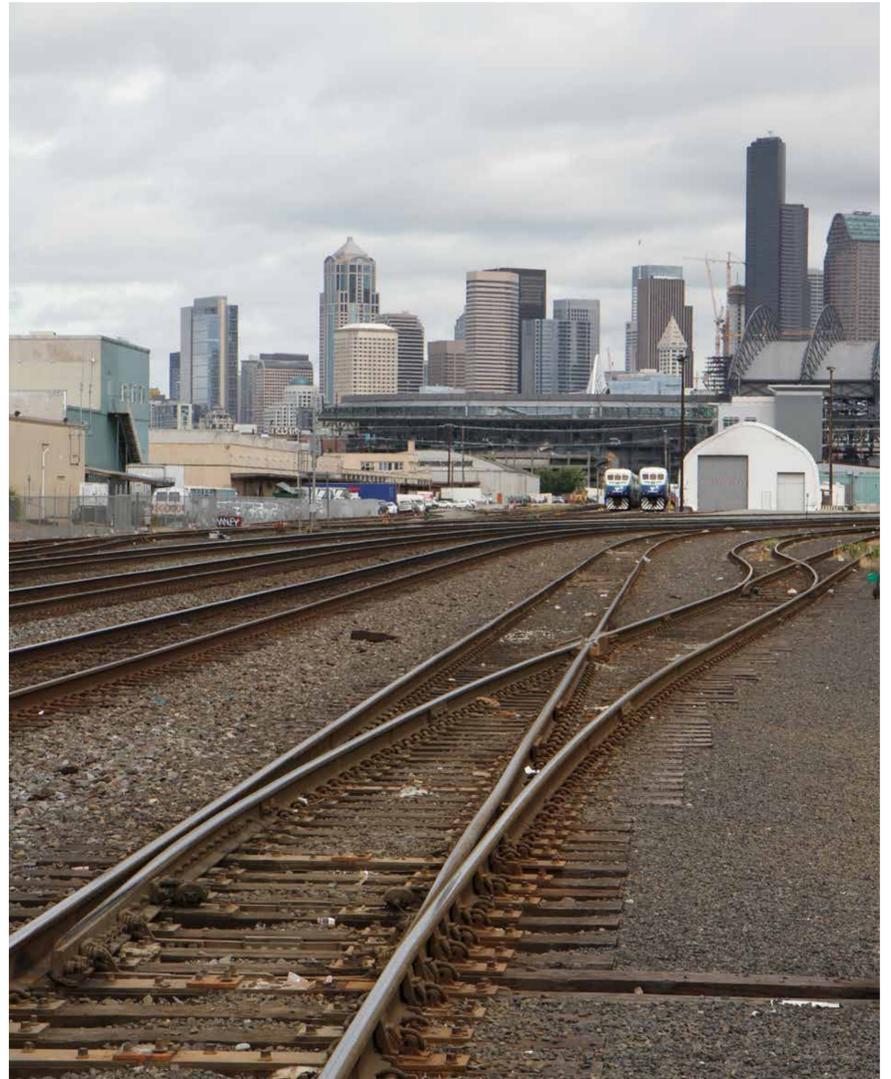


Vertical Accent
- Decorative vertical icon



NEXT STEPS

- SDOT will review feedback and work to incorporate it into project design.
- SDOT will continue engaging the community and key stakeholders with project updates.
- Join us for a second open house later this summer to learn how your feedback was incorporated and to provide additional input on preliminary design.



STAY INFORMED

Visit our website:

www.seattle.gov/transportation/lander_bridge.htm

Call us:

206-684-0178

Email us with questions or to sign up for project updates:

lander_bridge@seattle.gov

WANT TO SPEND MORE TIME WITH THE INFORMATION HERE TODAY?



Go to our online open house and submit feedback through June 17:

landerbridge.participate.online