

# Fairview Avenue North Bridge Replacement Project



Seattle Freight Advisory Board

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*Seattle Department of Transportation*

# Our mission, vision, and core values

**Mission:** deliver a high-quality transportation system for Seattle

**Vision:** connected people, places, and products

Committed to **5 core values** to create a city that is:

- Safe
- Interconnected
- Affordable
- Vibrant
- Innovative

For **all**

# Presentation overview

- Background
- Project area
- Existing conditions review
- Project update
- Next steps

# Background

- The current bridge was built 65+ years ago and needs to be replaced
- While safe for travel today, the timber-supported bridge is structurally deficient and seismically vulnerable
- The new wider roadway configuration will better accommodate all users





# Project area



# Existing conditions



*Kayak launch located near ZymoGenetics*



*Cheshiahud Loop and floating walkway*



*Fairview Ave N bridge is next to historic Union Steam Plant building (ZymoGenetics)*



# Existing conditions

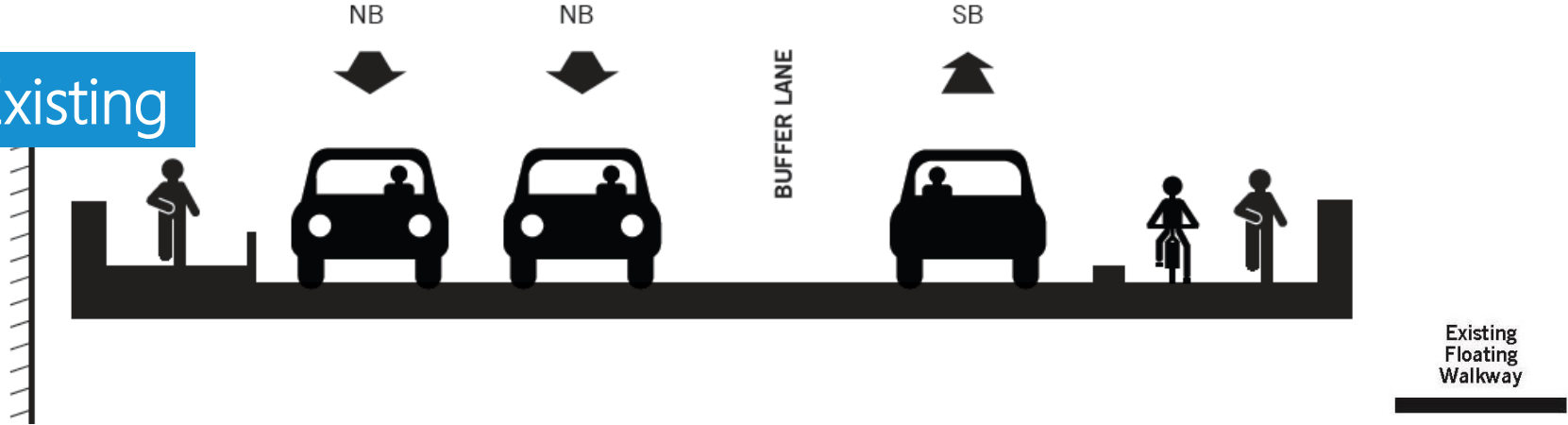
- Decayed timber piles
- Cracked concrete and asphalt distress
- Seismic vulnerability
- Limited load capacity (40 tons)
- Structural deficiencies



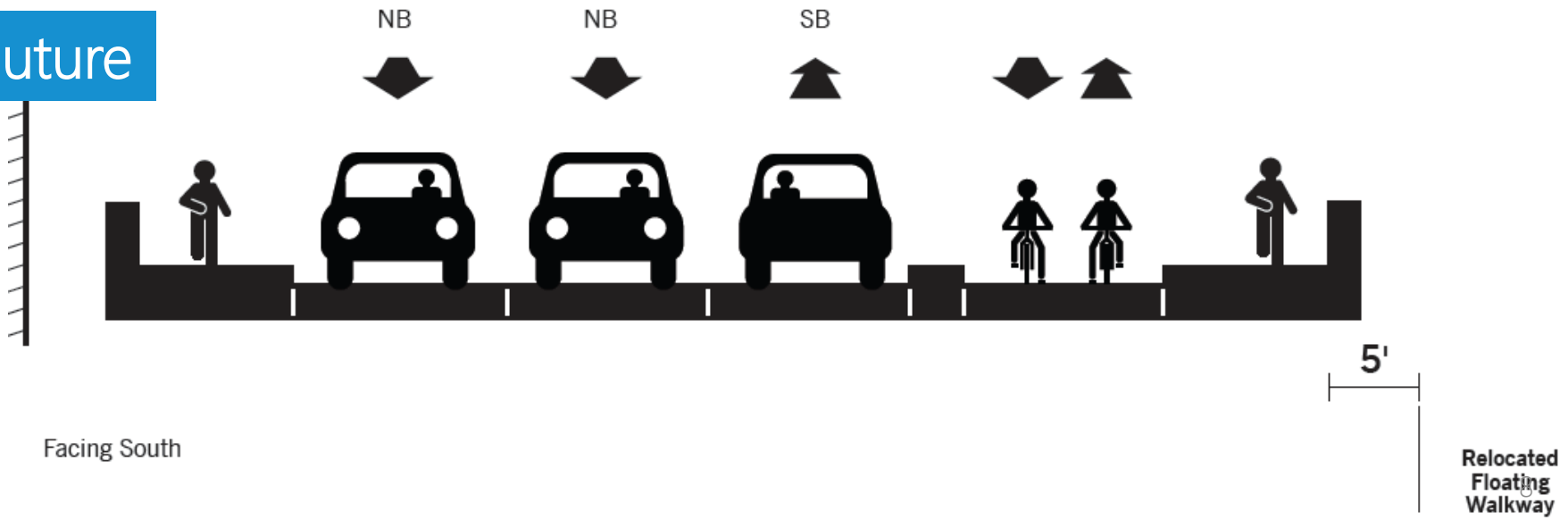
# Proposed features



Existing



Future





# Project Update

- Originally planned to keep one lane of the bridge open during construction
  - 2014 Value Engineering study showed significant schedule savings if entire bridge is closed (24 months vs 15 months)
- Potential construction cost savings
  - SDOT is committed to using taxpayer dollars efficiently

# Mitigating impacts

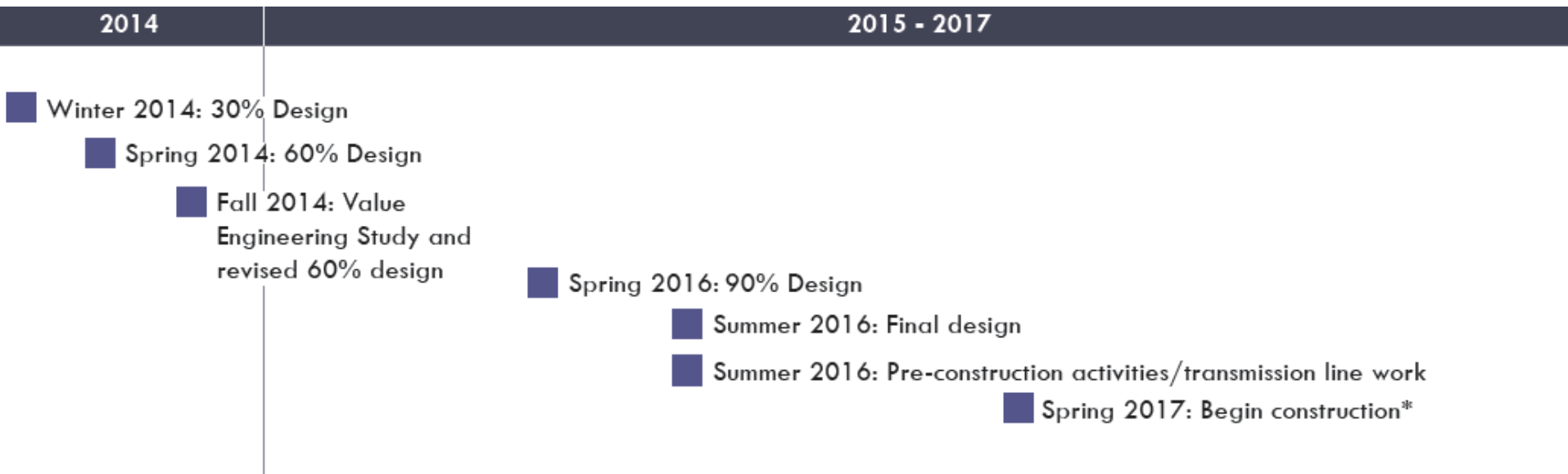
- Planning vehicle detour routes
- Conducting traffic analysis
- Coordinating with King County Metro for bus re-routes
- Facilitating parking study
- Planning holistic approach to construction projects in the area
- Addressing existing concerns
  - Looking at signal timing on Fairview Ave N at Aloha & Mercer streets

# Funding

- Partially funded through Bridging the Gap and Bridge Replacement Advisory Committee (BRAC)
- Total project estimate is \$42 million
- About \$3 million needed to complete design and right of way acquisition
- About \$24 million needed for construction
- Project included in Move Seattle levy



# Updated project schedule



\*Construction start date pending permit approval and additional funding

# Next steps

Ongoing	Continue community outreach and stakeholder briefings
Ongoing	Continue coordination with agencies such as Seattle City Light and King County Metro
Summer 2015	Continue design
Fall 2015	Project open house
Spring 2016	Reach 90% design

# Questions?

FairviewBridge@seattle.gov | (206) 733-9960  
[www.seattle.gov/transportation/fairviewbridge.htm](http://www.seattle.gov/transportation/fairviewbridge.htm)

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# Project area

