

Fairview Avenue North Bridge Replacement Project



March 17, 2014

SDOT's mission



Deliver a safe and reliable transportation system that enhances Seattle's environment and economic vitality.

SDOT's vision



A vibrant Seattle through transportation excellence.

SDOT's values



Presentation overview

- Background
- Project area
- Existing conditions
- Proposal
- Next steps

Background

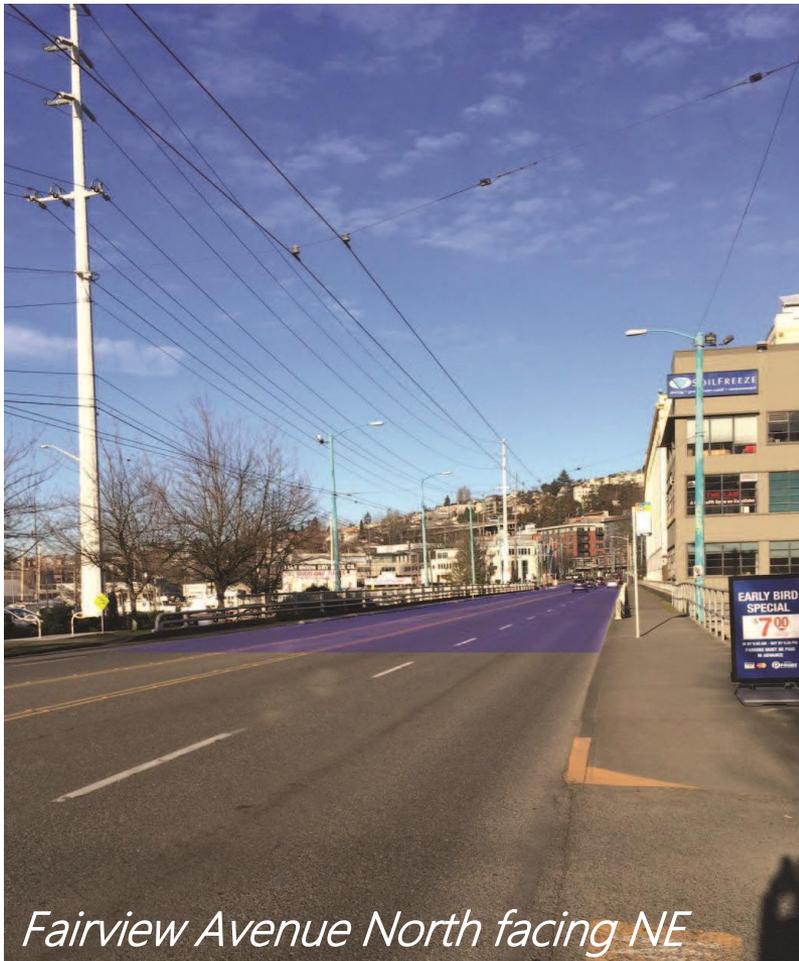
- The current bridge was built 65 years ago and needs to be replaced
- While safe for travel today, the bridge is structurally deficient and seismically vulnerable
- The new wider roadway configuration will better accommodate all users



Project area



Existing conditions



Fairview Avenue North facing NE



Fairview Avenue North facing SW

Existing conditions



Kayak launch located near ZymoGenetics



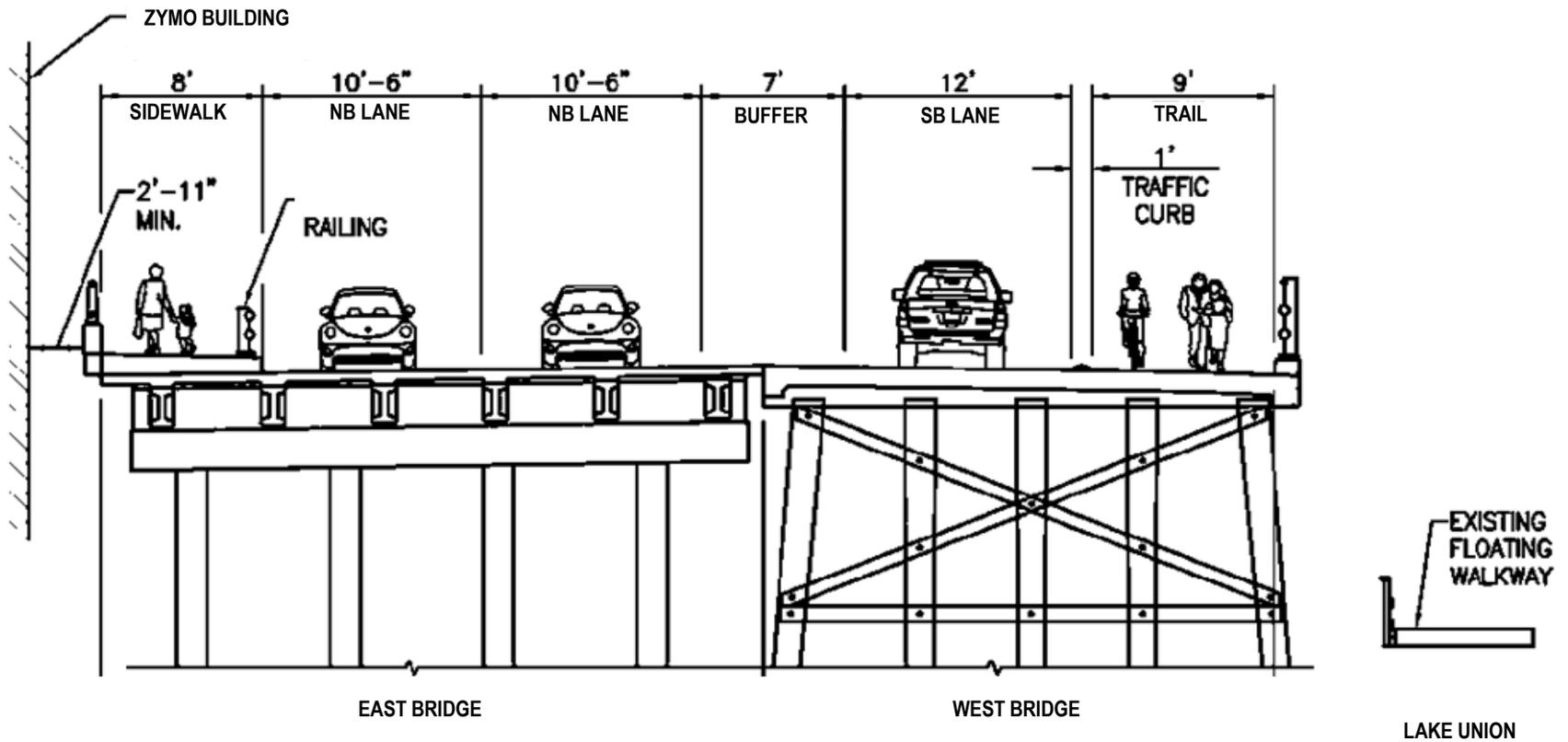
Cheshiahud Loop

Existing conditions

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

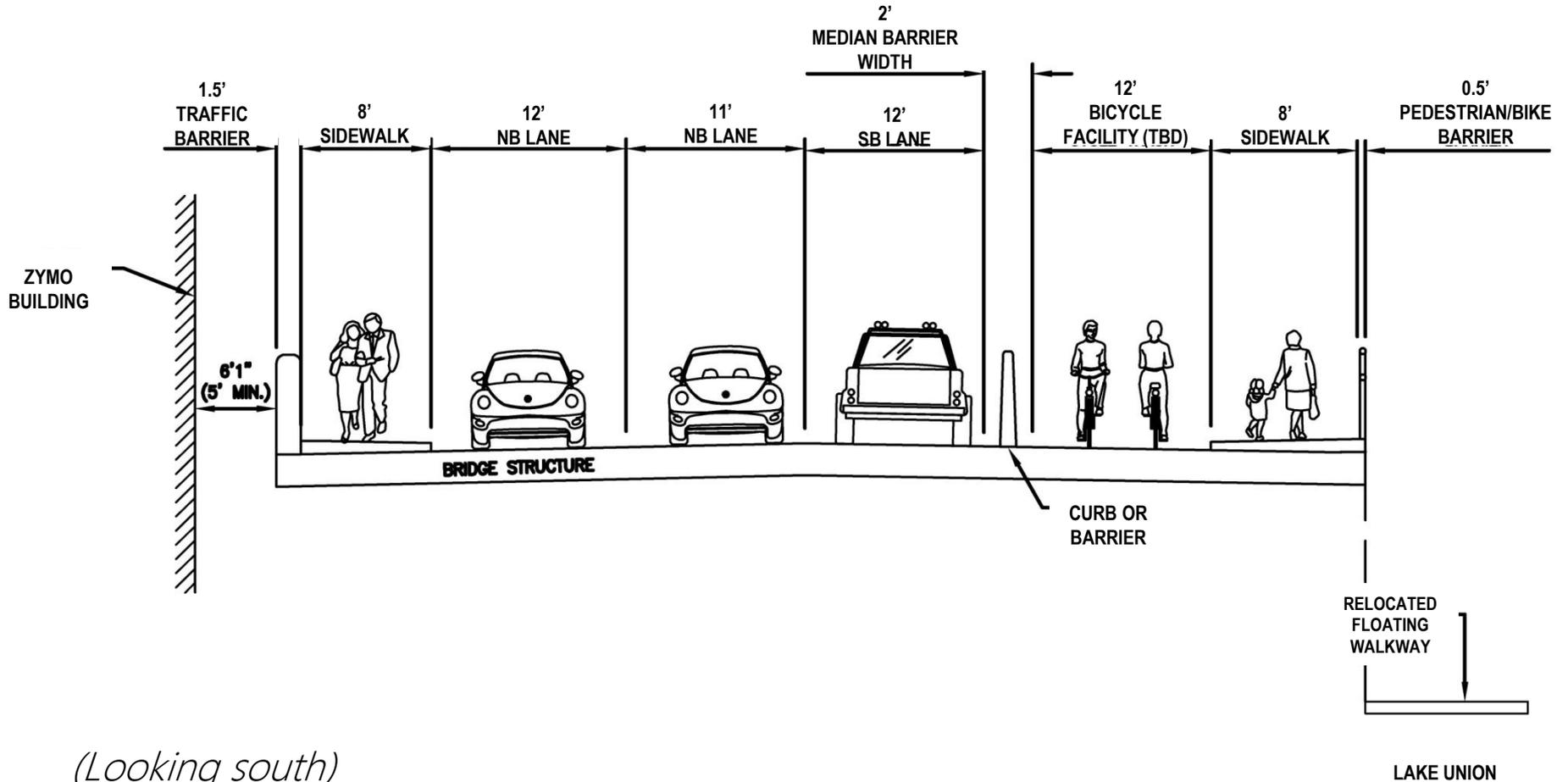


Existing conditions



(Looking south)

Proposed features



(Looking south)

Project elements

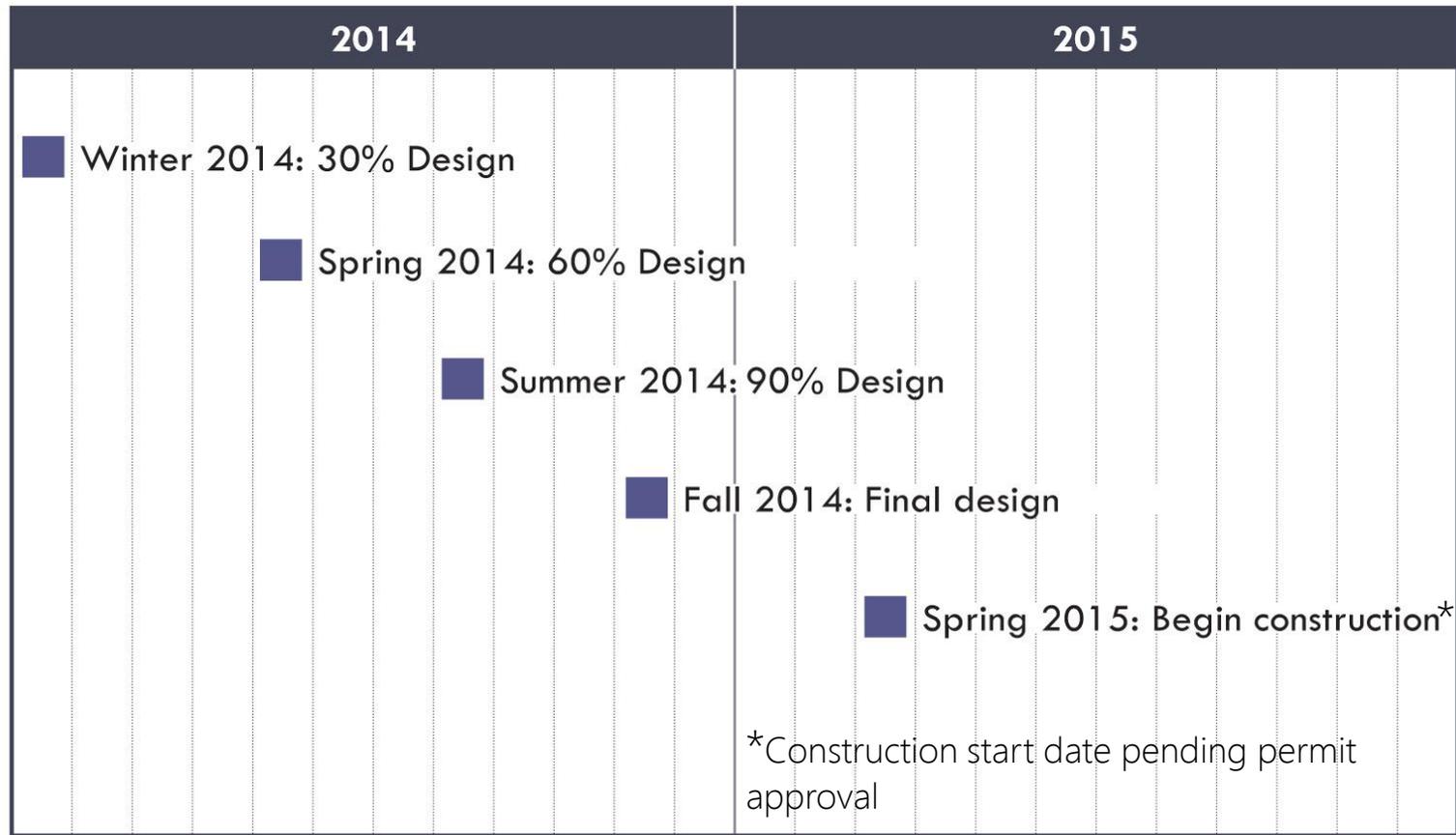
- Increased structure width to allow for wider vehicle travel lanes
- Pedestrians buffered from moving traffic by additional sidewalk width
- Structurally able to accommodate future transit expansion
- Improved pedestrian lighting, landscaping, wayfinding

Project challenges

- Maintenance of traffic during construction
- Community concerns with noise & vibration
- Construction staging
- Technical challenges such as:
 - Unique/challenging soils
 - Utilities on and near the bridge
 - Environmental permitting challenges scope and schedule

Preliminary project schedule

Project schedule



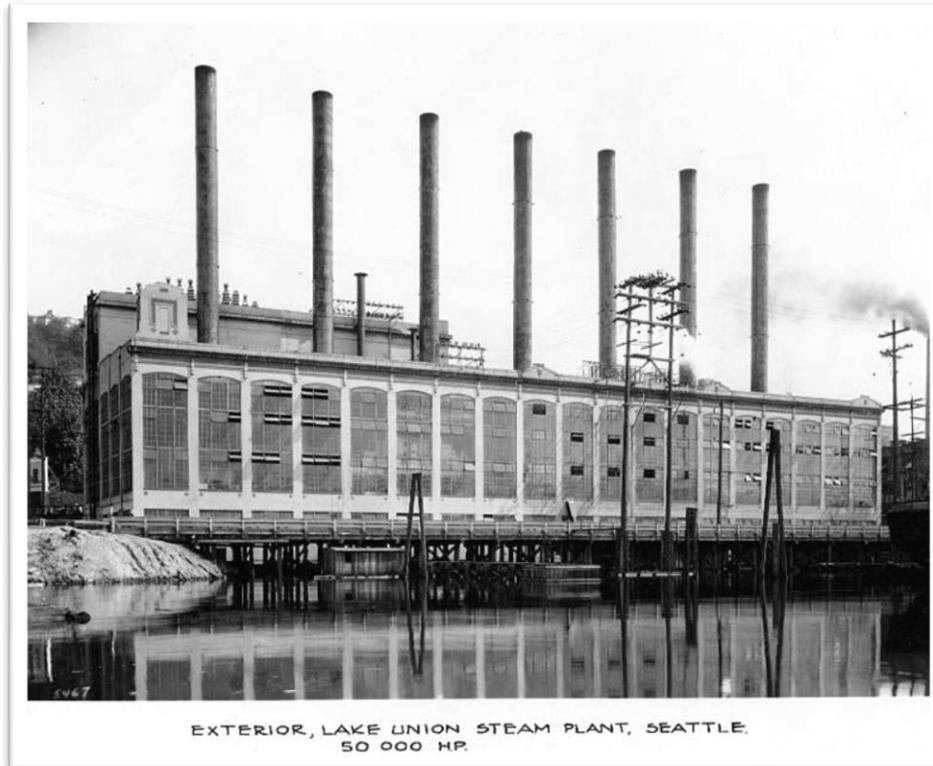
Next steps

Ongoing	Continue community outreach and targeted briefings
Ongoing	Continue coordination with agencies such as Seattle City Light and King County Metro
Spring 2014	Reach 60% design
Spring 2014	Project open house following 60% design milestone

Questions?

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<http://www.seattle.gov/transportation/fairviewbridge.htm>



Thanks!

<http://www.seattle.gov/transportation>

