

Fairview Avenue North Bridge Replacement Project



Freight Advisory Board
Jamie O'Day and Maribel Cruz
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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



Existing conditions



Kayak launch located near ZymoGenetics



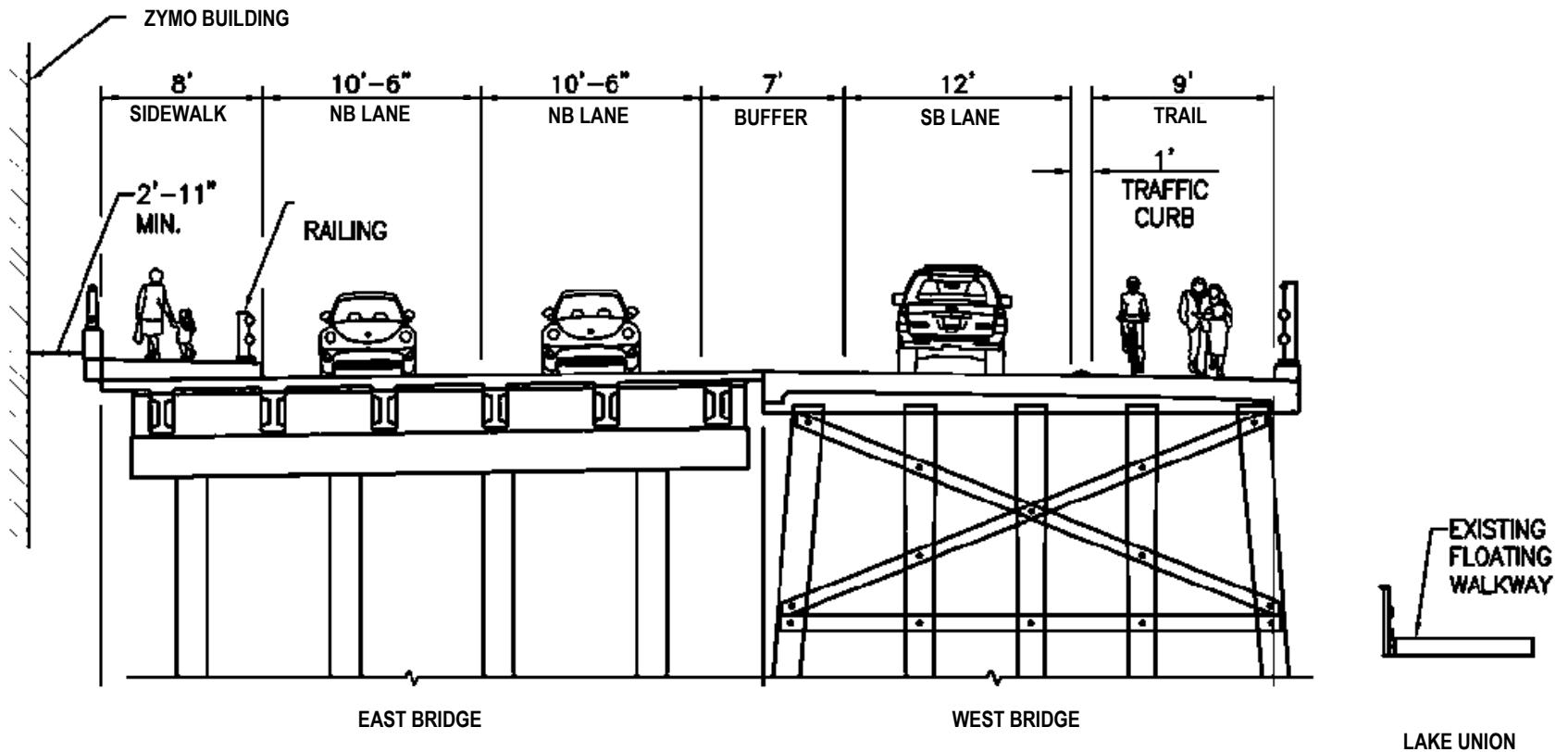
Cheshiahud Loop

Existing conditions

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

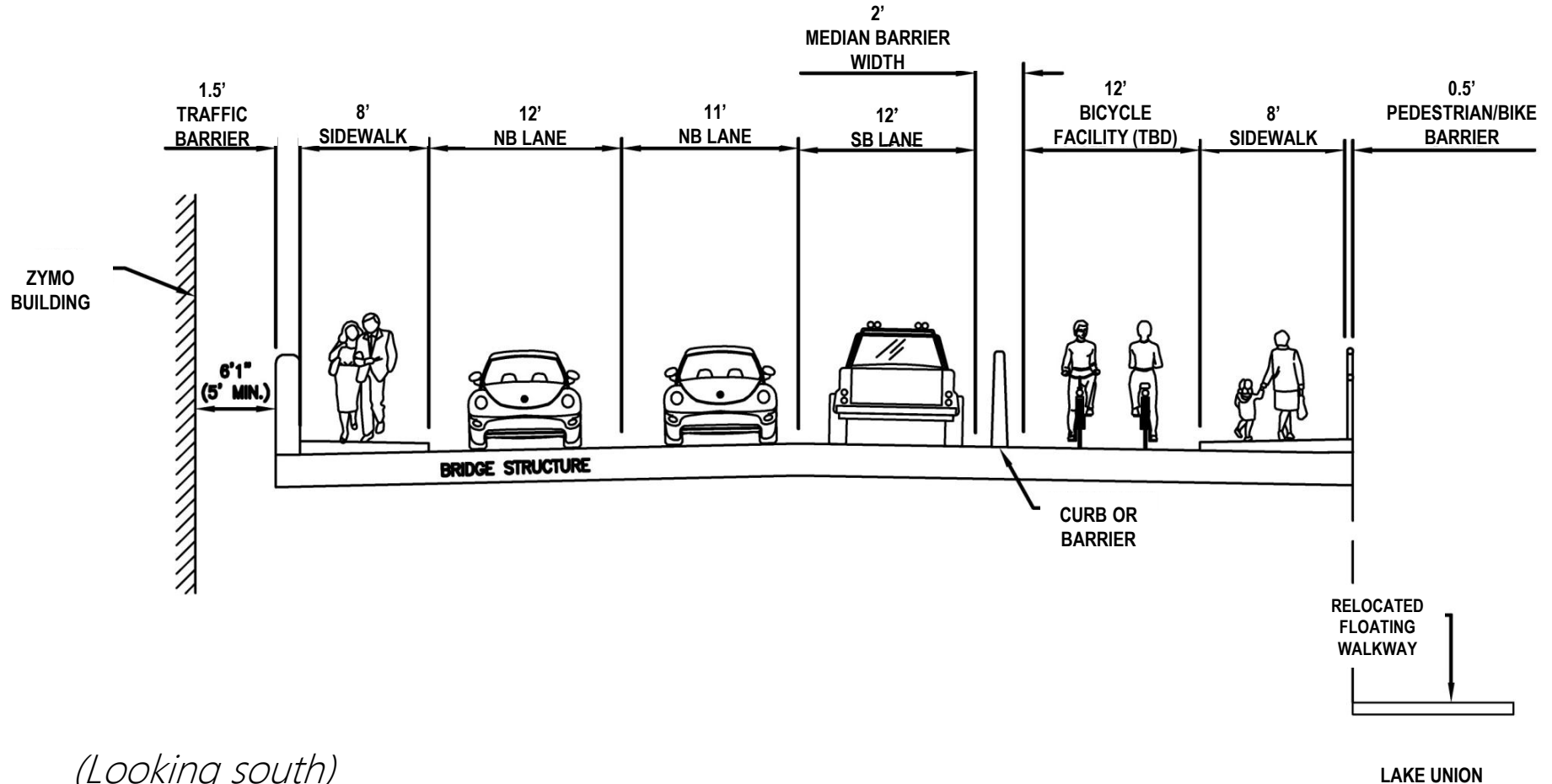


Existing conditions



(Looking south)

Proposed features



Project elements

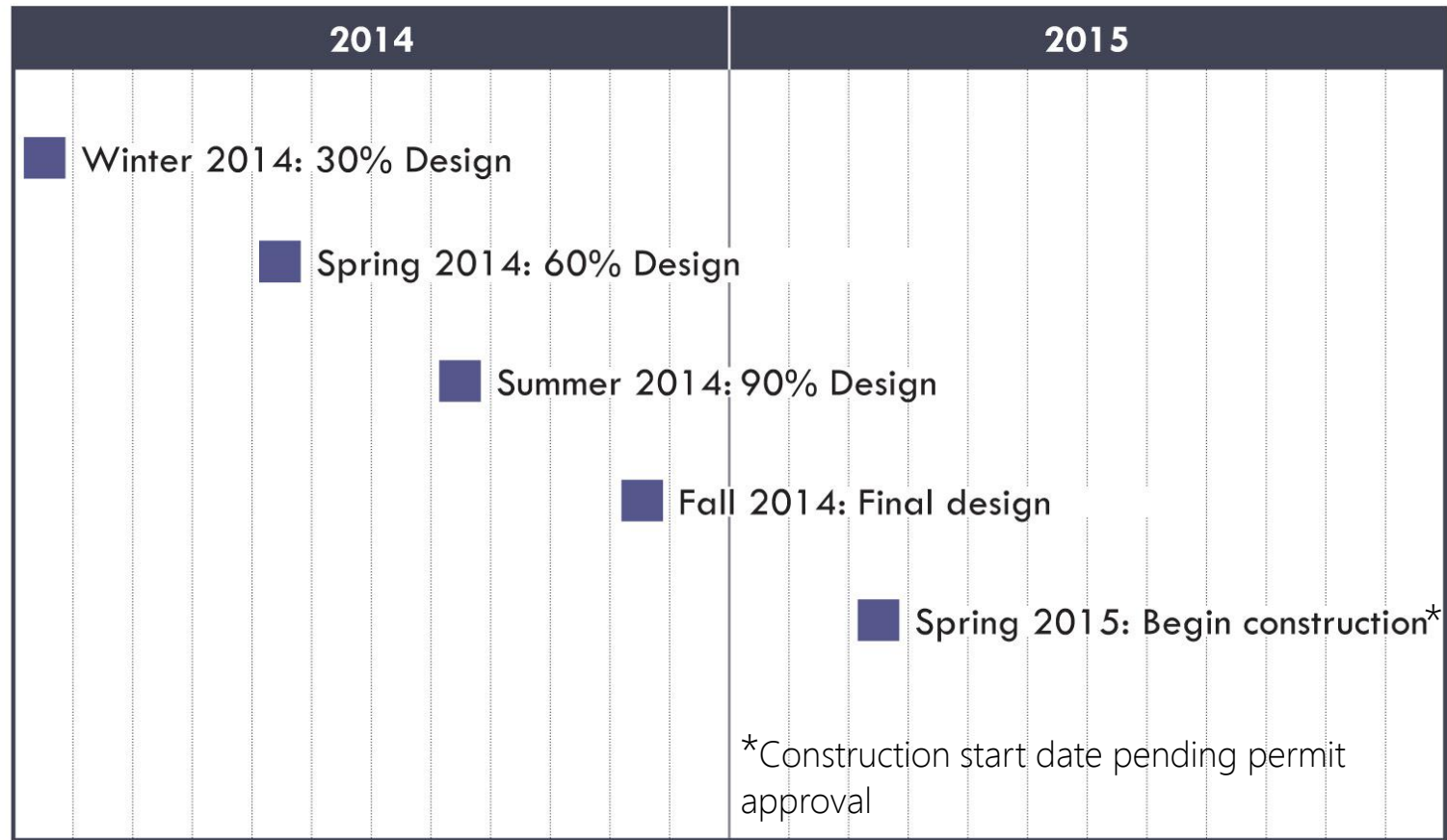
- Increased structure width to allow for wider vehicle travel lanes
- Pedestrians buffered from moving traffic by additional sidewalk width
- Structurally able to accommodate future transit expansion
- Improved pedestrian lighting, landscaping, wayfinding

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



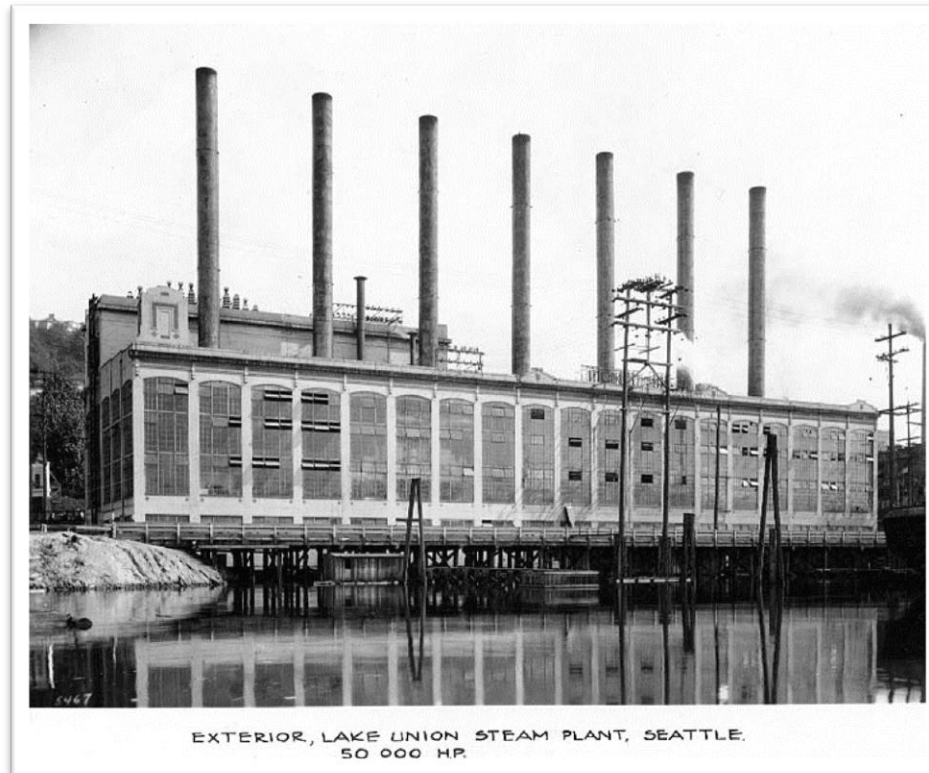
Next steps

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?

FairviewBridge@seattle.gov

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



EXTERIOR, LAKE UNION STEAM PLANT, SEATTLE.
50 000 H.P.

Thanks!

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



FAIRVIEW AVENUE NORTH

Bridge Replacement Project

Winter
2014

Project description

The Seattle Department of Transportation is committed to maintaining safety for all users of Fairview Avenue North. 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. Located on the southeast shore of Lake Union near the 1200 block of Fairview Avenue North in Seattle, the bridge is adjacent to the historic Lake Union Steam Plant building, which is occupied by ZymoGenetics.

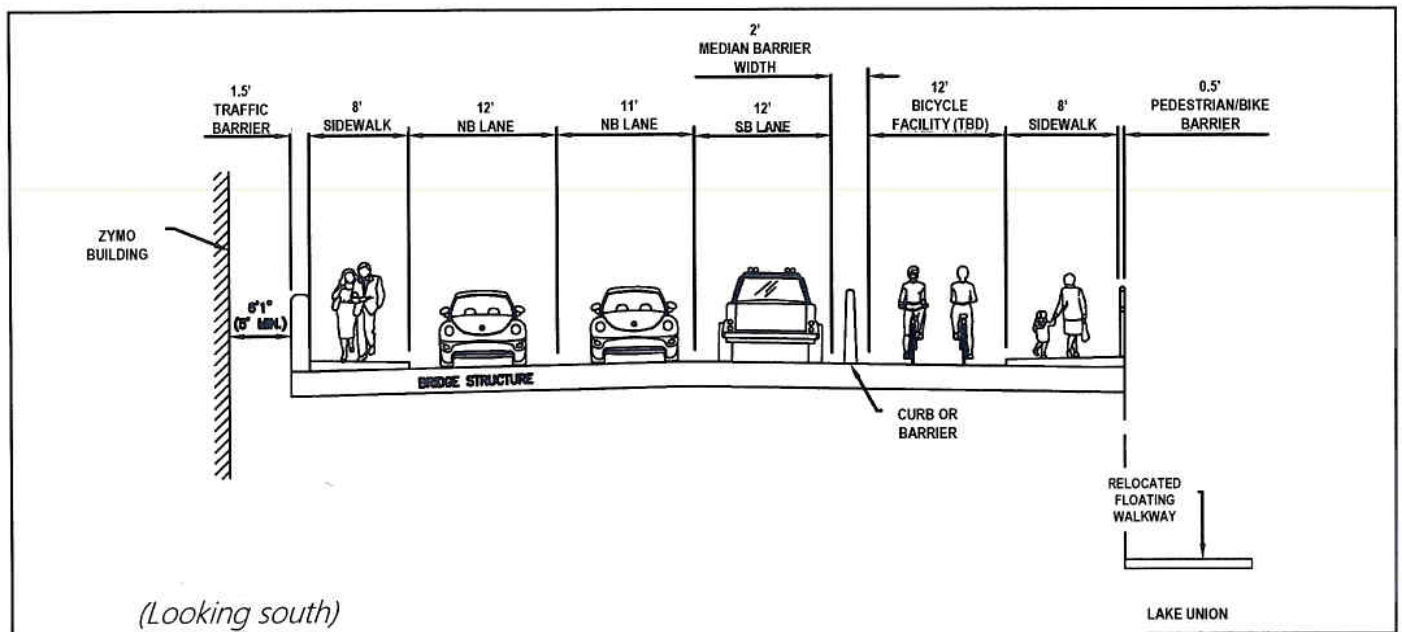
Proposed features

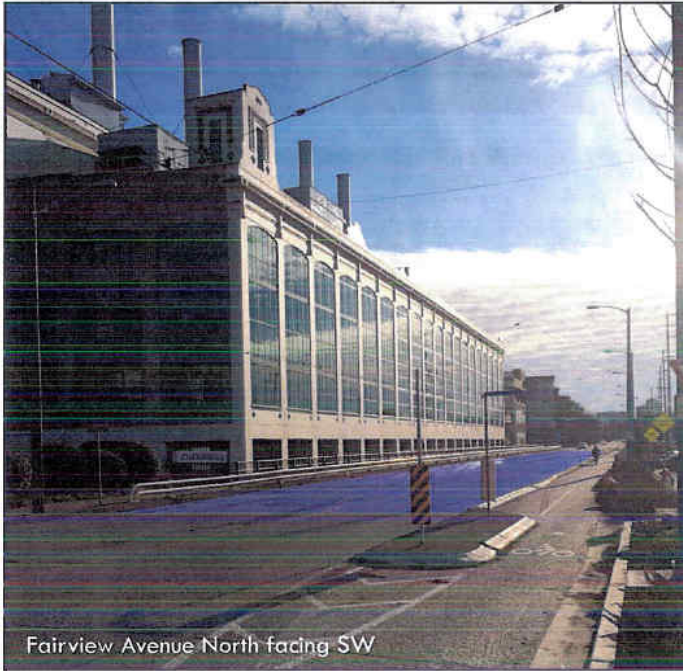
The new wider roadway configuration will better accommodate all users making it safer for people to drive, walk, bike, and access transit along Fairview Avenue North.



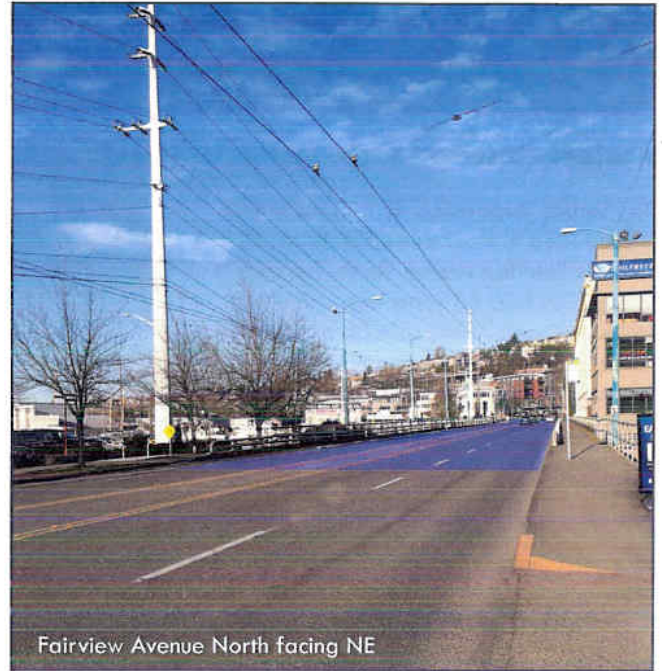
Project improvements will include:

- 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





Fairview Avenue North facing SW



Fairview Avenue North facing NE

Project budget and funding

The total project budget is \$31 million and is funded in two ways: Bridging the Gap, a nine-year levy for transportation maintenance and improvement, and state funding through the Bridge Replacement Advisory Committee (BRAC).

Bridging the Gap is a \$365 million levy that was passed by Seattle voters in November 2006. The goal of the program is to create a strong foundation for Seattle's transportation future by reducing the infrastructure backlog and investing in major transportation projects.

BRAC provides advice to help inform selection of bridge replacements or rehabilitation of bridges owned by cities or counties.

Project schedule



*Construction start date pending permit approval

Project Contact Information

Seattle Department of Transportation

Email: FairviewBridge@seattle.gov

Website: www.seattle.gov/transportation/fairviewbridge.htm

If you need this information translated, please call (206) 733-9990.

Si necesita traducir esta información al español, llame al (206) 733-9990.

如果您需要此信息翻譯成中文, 請致電 (206) 733-9990.