Fairview Avenue North Bridge Replacement Project

Freight Advisory Board
Jamie O’Day and Maribel Cruz
February 18, 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

- Keep it safe
- Focus on the basics
- Build healthy communities
- Support a thriving economy
- Provide great service
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

<table>
<thead>
<tr>
<th>2014</th>
<th>2015</th>
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<tbody>
<tr>
<td>Winter 2014: 30% Design</td>
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<tr>
<td>Spring 2014: 60% Design</td>
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<tr>
<td>Summer 2014: 90% Design</td>
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<tr>
<td>Fall 2014: Final design</td>
<td></td>
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<tr>
<td>Spring 2015: Begin construction*</td>
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*Construction start date pending permit approval*
## Next steps

<table>
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<tr>
<th>Ongoing</th>
<th>Continue community outreach and targeted briefings</th>
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<tbody>
<tr>
<td>Ongoing</td>
<td>Continue coordination with agencies such as Seattle City Light and King County Metro</td>
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<tr>
<td>Spring 2014</td>
<td>Reach 60% design</td>
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<tr>
<td>Spring 2014</td>
<td>Project open house following 60% design milestone</td>
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Questions?

FairviewBridge@seattle.gov
http://www.seattle.gov/transportation/fairviewbridge.htm
Thanks!

http://www.seattle.gov/transportation
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

(Looking south)
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.

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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译成中文，请致电 (206) 733-9990.