Fairview Avenue North Bridge Replacement Project

Seattle Freight Advisory Board
MariLyn Yim
September 15, 2015
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

Facing South
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

<table>
<thead>
<tr>
<th>2014</th>
<th>2015 - 2017</th>
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<tbody>
<tr>
<td>Winter 2014: 30% Design</td>
<td>Spring 2016: 90% Design</td>
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<tr>
<td>Spring 2014: 60% Design</td>
<td>Summer 2016: Final design</td>
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<tr>
<td>Fall 2014: Value Engineering Study and revised 60% design</td>
<td>Summer 2016: Pre-construction activities/transmission line work</td>
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<td>Spring 2017: Begin construction*</td>
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*Construction start date pending permit approval and additional funding
## Next steps

<table>
<thead>
<tr>
<th>Ongoing</th>
<th>Continue community outreach and stakeholder 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>Summer 2015</td>
<td>Continue design</td>
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<tr>
<td>Fall 2015</td>
<td>Project open house</td>
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<tr>
<td>Spring 2016</td>
<td>Reach 90% design</td>
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Questions?

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www.seattle.gov/transportation/fairviewbridge.htm

www.seattle.gov/transportation
Project area