Northgate Ped/Bike Bridge

Seattle Bicycle Advisory Board
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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, progress & status
• Updated design overview
• Other walking/biking investments in Northgate
• Next steps
• Q&A
Background, progress & status

• 2006: Northgate Coordinated Transportation Investment Plan
• 2012: King County feasibility study
• 2014: Early planning and design
  – 3 bridge alternatives
  – Public meeting
• 2015: 30% design
  – Public meeting
• 2016: Project put on hold
  – Independent cost validation
  – Formed new project team
• 2017: New 30% design
Cost-saving changes

<table>
<thead>
<tr>
<th>Original Design</th>
<th>Revised Design</th>
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<tbody>
<tr>
<td>20-foot-wide walkway on bridge</td>
<td>16-foot-wide walkway on bridge</td>
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<tr>
<td>2,100-foot long bridge length</td>
<td>Shortened bridge length to 1,600 feet, also reducing travel time</td>
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<tr>
<td>East approach conflicted with WSDOT Park-and-Ride at 1st Ave NE</td>
<td>East approach modified as it touches down near 1st Ave NE, simplifying the connection and preserving the WSDOT Park-and-Ride lot</td>
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<tr>
<td>West approach included stairs at North Seattle College, with limited sight distance</td>
<td>West approach modified to improve sight distances and make a more direct connection</td>
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<td>Complicated construction approach</td>
<td>Standard construction approach to reduce project duration</td>
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<tr>
<td>Tube/truss design (enclosed)</td>
<td>More open structure and more graceful bridge transition</td>
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</tbody>
</table>
Revised bridge design
Open truss design
Open truss design
Campus connection (west approach)
I-5 gateway
NE 100th St overlook
Northgate arrival (east approach)
Animation
Pedestrian Projects

1. Northgate Pedestrian & Bicycle Bridge
2. 1st Ave NE multi-use path (NE 92nd St to Northgate Way)
3. Improved sidewalks (Station to 5th Ave NE)
4. Protected Bike Lane NE 92nd St (Wallingford Ave N to 1st Ave NE)
5. Crossing improvements (N Northgate Way and Corliss Ave N)
6. Streetscape & bike improvements (1st Ave NE to 5th Ave NE)
7. New sidewalk NE 95th St (1st Ave NE to 5th Ave NE)
8. New sidewalk NE 98th St (5th Ave NE to 8th Ave NE)
9. Crossing improvements (5th Ave NE and NE 95th St)
10. North Seattle Greenway (Crown Hill to Northgate Pedestrian & Bicycle Bridge)
Next steps: Northgate Bridge

<table>
<thead>
<tr>
<th>Time frame</th>
<th>Activity/action</th>
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<tbody>
<tr>
<td>2018</td>
<td>Design complete</td>
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<tr>
<td>2019</td>
<td>Construction begins</td>
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<tr>
<td>2020</td>
<td>Bridge opens before light rail station</td>
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Questions?

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www.seattle.gov/transportation/northgatepedbridge.htm

www.seattle.gov/transportation