



Fact Sheet

June 2024

N 102ND ST/AURORA AVE N PEDESTRIAN BRIDGE SEISMIC PROJECT

Investing in bridge infrastructure to increase seismic resiliency

BACKGROUND

It's important to make sure our bridges are ready for anything - especially earthquakes. This is why the City of Seattle has a program to retrofit bridges! Our Bridge Seismic program figures out which bridges are most at risk for damage from earthquakes. Then, with money from the Levy to Move Seattle, we update bridge components through changes called **seismic retrofitting**. There are currently 16 bridges that will receive seismic retrofits, including the N 102nd St/Aurora Ave N Pedestrian Bridge.

PROJECT OVERVIEW

The N 102nd St/Aurora Ave N Pedestrian Bridge is an older bridge, and it does not meet current seismic standards for bridges. During the seismic retrofit, we'll reinforce the existing structure of the bridges. Doing this will help them better withstand the potential impacts of an earthquake. Most of the work will take place underneath the bridge. The project will not affect the architectural features of the bridge, and there will be no change to the current use or operation of the bridge.

SEISMIC RETROFIT MODIFICATIONS

Seismic modifications to the N 102nd St/Aurora Ave N Pedestrian Bridge include:

- Enlarging the bridge cross-section and installing carbon fiber wrapping to strengthen the bridge's superstructure
- Separating the main span from the ramp and the staircase by adding new expansion joints
- Constructing a lightweight fill/wall support system for the ramp
- Constructing a wall/footing support system for the staircase

PROJECT AREA

The N 102nd St/Aurora Ave N provides a direct connection across Aurora Ave N at N 102nd St for the Greenwood and Licton Springs neighborhoods.

CONSTRUCTION SCHEDULE AND IMPACTS

Construction will begin in mid-June 2024 and last approximately 5-6 months. During construction, people can expect:

- A full closure of the bridge during construction
- Phases of lane closures beneath the bridge. Visit our webpage to learn more about how travel will be impacted during each phase
- Temporary side street closures with detours
- Temporary sidewalk and crossing closures for people walking and rolling with detours
- Noise, dust, vibrations, and construction equipment staged on the bridge and in the area
- Temporary on-street parking restrictions, with "no park" signs placed 72 hours in advance
- Typical weekday work hours of 7 AM – 5 PM, Monday through Friday

Construction duration and activities are subject to change. **The best way to stay up to date with construction is by signing up for email updates on our**

This project is funded by the 9-year Levy to Move Seattle, approved by voters in 2015. Learn more about the levy at www.seattle.gov/LevytoMoveSeattle.

PROJECT INFORMATION & CONTACT

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<https://www.seattle.gov/transportation/projects-and-programs/programs/bridges-stairs-and-other-structures/bridges/n-102nd-st/aurora-ave-n-ped-bsr>
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The Levy to

MOVE SEATTLE



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Transportation