



## Fact Sheet

January 2024

# MCGRAW ST 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 reinforce 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 reinforcements, including McGraw St Bridge.

### PROJECT OVERVIEW

The McGraw St Bridge is an older bridge built in 1936 and it does not meet current seismic standards for bridges. During the seismic retrofit, we'll reinforce the existing structure of the bridge so that it can 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 McGraw St Bridge include:

- Installing carbon fiber wrapping to make the bridge's crossbeams, columns, and arches stronger.
- Strengthening the existing arch with reinforced concrete.
- Putting concrete supports in for the bridge's columns and crossbars.
- Fixing cracks and broken concrete.
- Replacing the expansion joints at both ends of the bridge. Expansion joints are pieces of the bridge that are designed to safely expand, shrink, and absorb movement.

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](http://www.seattle.gov/LevytoMoveSeattle).

### PROJECT MAP AND DETOUR ROUTE



### CONSTRUCTION SCHEDULE AND IMPACTS

Construction is anticipated to begin in early 2024 and is expected to last approximately 8 months. During construction, people can expect:

- A full closure of the bridge during construction, so work can be done more safely and efficiently
- Detours for people walking, biking, rolling, and driving
- Noise, dust, vibrations, and construction equipment staged on the bridge and within the project 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 webpage!**

### PROJECT INFORMATION & CONTACT

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[www.seattle.gov/transportation/mcgrawstbridge](http://www.seattle.gov/transportation/mcgrawstbridge)

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The Levy to

## MOVE SEATTLE



## Seattle Department of Transportation