EARTHQUAKE READY
BURNSIDE BRIDGE

Multnomah County is working to create an earthquake-safe Willamette River crossing









BETTER. SAFER. CONNECTED.

Portland's aging downtown bridges are not expected to withstand a major earthquake. That is why Multnomah County is taking the lead on making at least one earthquake ready. Located in the heart of downtown, the Burnside Bridge is a regionally established lifeline route across the Willamette River. Lifeline routes are important because they:

- Help firetrucks, ambulances, and police cars respond in an emergency
- Reunite families and loved ones
- Help our economy recover

WHAT IS THE PLAN?

Since 1926, the Burnside Bridge has served us well. To take us across the river for another 100 years, it needs an upgrade. Over the next several years, Multnomah County will evaluate options for creating a resilient Burnside crossing that will withstand a major earthquake.

The first step is to narrow a long list of over 100 options through a screening process to arrive at a short list of recommended options to be evaluated in more detail in a later phase.

BURNSIDEBRIDGE.ORG

FOLLOW THE PROJECT ON TWITTER:
@MultCoBridges, #ReadyBurnside

VISIT THE PROJECT WEBSITE TO:

- Sign up for updates.
- Request a presentation for your community or business group.
- Learn about upcoming meetings, events and other ways to provide input.

FOR MORE INFORMATION, CONTACT:

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HOW ARE THE OPTIONS BEING NARROWED?

Multnomah County has considered more than 100 river crossing options on the Burnside lifeline route. These options are undergoing an extensive screening process to make sure they meet requirements for a reliable river crossing after a major earthquake.

SCREENING STEPS

1

Each option was screened against the core requirements of seismic resiliency, emergency response, and compatibility with major infrastructure.

2

Each remaining option was evaluated on how well it functioned immediately after an earthquake in addition to everyday use.

3

Each remaining option is being further evaluated for its performance in six key categories:

We are here.

- **SEISMIC RESILIENCY**
  Support reliable and rapid emergency response after an earthquake.
- **NON-MOTORIZED TRANSPORTATION**
  Support access and safety for bicyclists, pedestrians and people with disabilities.
- **CONNECTIVITY**
  Support street system integration and function for all modes.
- **EQUITY**
  Minimize adverse impacts to historically marginalized communities and promote transportation equity.
- **BUILT ENVIRONMENT**
  Promote land use compatibility and minimize impacts to parks and historic resources.
- **FINANCIAL STEWARDSHIP**
  Ensure public funds are invested wisely.

FINAL REPORT

FALL 2018

The options that pass through these three screening steps will be published in a final report.

OPTION GROUPS

No Build
Maintain existing bridge as-is.
These options are not seismically resilient or cannot support emergency response.

Seismic Retrofit
Upgrade the existing bridge.
A full seismic retrofit of the bridge is not feasible due to significant impacts to I-5 during construction.

Enhanced Seismic Retrofit
Retrofit most of the existing bridge, but replace the spans over I-5 and the railroad.

Replacement
Build a new crossing such as a high fixed bridge, low movable bridge, twin bridges or a tunnel.

Enhance Another Bridge
Retrofit or replace a different bridge across the Willamette River.
Other bridges do not provide a rapid and reliable connection to the Burnside lifeline route after an earthquake.

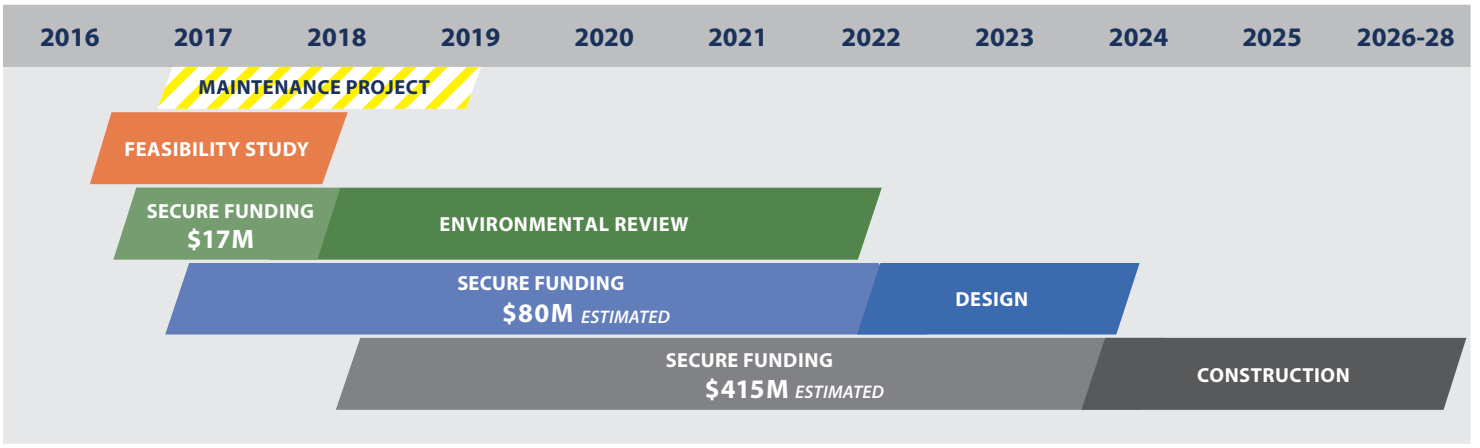
REMAINING OPTIONS

A draft of the final report will be available for public comment in Summer 2018.

The Multnomah County Board of Commissioners will make the final decision on which options will advance to environmental review.

PROJECT TIMELINE

We are in the Feasibility Study phase of the project. It will take years to get an earthquake-safe crossing in place, so we must work thoughtfully and make steady progress toward that goal.



This timeline shows the schedule and estimated costs for the Earthquake Ready Burnside Bridge project. It also shows the current maintenance project that is repairing and improving the bridge to keep it safe and working for another 15–20 years.



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Multnomah County

WE WANT TO HEAR FROM YOU

Multnomah County is working with regional partners and the community to narrow crossing options with this planning process. Tell us what we should consider as we plan for an earthquake-resilient crossing.



Weigh in at community events and via online surveys.



Request a project briefing for your organization.



Attend an upcoming committee meeting.

Find out more about these opportunities at
BurnsideBridge.org