

We need an earthquake-ready Burnside Bridge

Over 100 options for a seismically resilient Burnside Street crossing were studied during this project's Feasibility Study Phase (2016-2018), including tunnels, ferries and a variety of different options. From that study, a short list of bridge options (and a no-build or "do-nothing" option) were recommended for further evaluation. Since then, with community input, the Fixed (non-movable) Bridge option was dismissed due to a large number of impacts.

The Community Task Force is now recommending the Replacement Long Span option as the Preferred Alternative to be included in the Environmental Impact Statement (EIS) for publication in early 2021. If approved, the Preferred Alternative will move forward into final design and construction. Construction is expected to start in 2024. To save money and time, the Community Task Force is also recommending a full bridge closure during construction rather than build a temporary bridge.

We want to know your thoughts on these two recommendations:

Recommended bridge option - Replacement Long Span



The Community Task Force is recommending that the existing bridge be replaced with a new movable bridge in the same location and length as the existing bridge with support structure above the surface resulting in fewer columns below. This means there are longer spans, or distances, between columns. It is recommended because it is the most seismically resilient with the lowest cost and fewest impacts to natural resources. The Replacement Long Span option is different from the Fixed Bridge option, eliminated in 2019, which was much higher and longer.

Recommended traffic option during construction - Full Bridge Closure

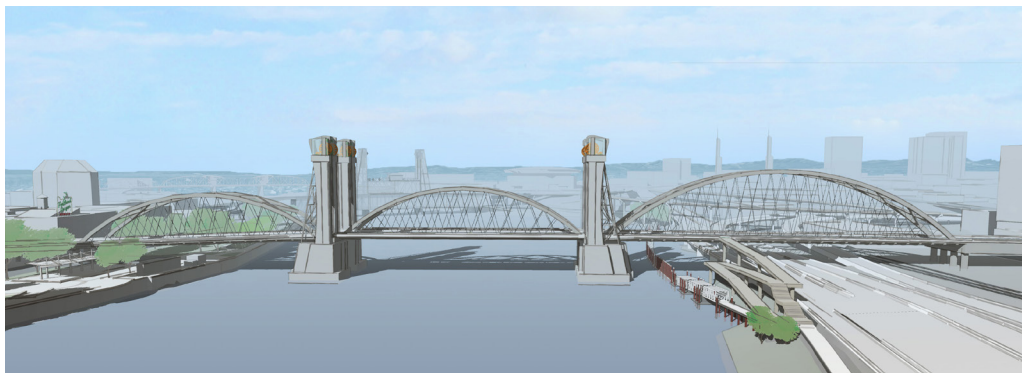


The Community Task Force is recommending that the bridge be closed to all users during construction. A full bridge closure would detour all vehicles, bikes and pedestrians to neighboring bridges during construction for 4-6 years. It is recommended because it reduces construction time and cost as well as impacts to natural resources and parks.

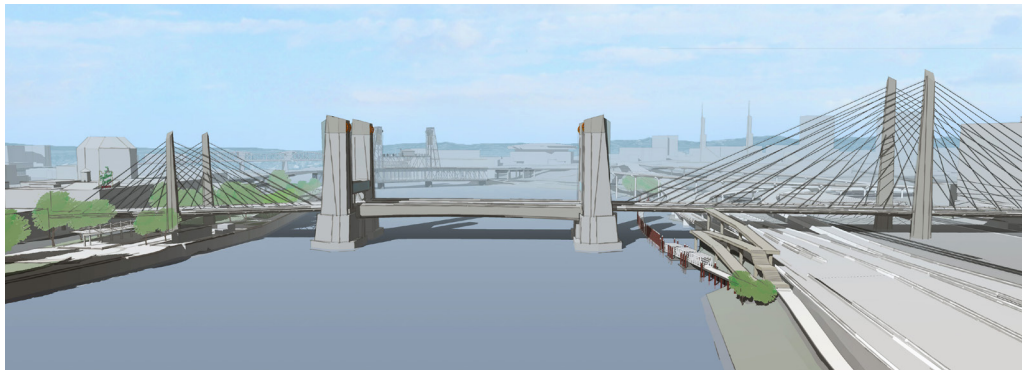
Recommended Bridge Option – Replacement Long Span

The Community Task Force has recommended replacing the existing bridge with the Replacement Long Span option because it requires the fewest columns in the unstable soil near the river, making it the most seismically resilient option with lowest cost and fewest impacts to natural resources. There are several variations of a Long Span bridge that are being considered. The design of the structures above the bridge as well as the type of movable span in the middle would be decided in 2021. The other bridge options that were studied in depth were a Replacement Short Span, Replacement Couch Extension, and Enhanced Seismic Retrofit. You can find more details about these options online.

Below are a few variations of movable Long Span bridge types.



Replacement Long Span – Tied Arch Concept



Replacement Long Span – Cable Stayed Concept



Replacement Long Span – Through Truss Concept



What will the bridge look like?

The support structure above the deck would make the Replacement Long Span option look very different from the current bridge. It would provide the opportunity for a more visually striking bridge but would also affect current views on and around the bridge. The specific structure type for the main river and movable spans would be selected next year.

Stay involved and help decide the future of the Burnside Bridge!

BurnsideBridge.participate.online

Benefits of a Replacement Long Span bridge



Fewer columns in unstable soil near the river



Lowest construction cost (\$825 million compared to \$950 million for the highest cost option)



More open space under the bridge improves visibility and personal safety



More space on the bridge and increased safety for bicyclists and pedestrians



Lowest impact to Burnside Skatepark

Impacts



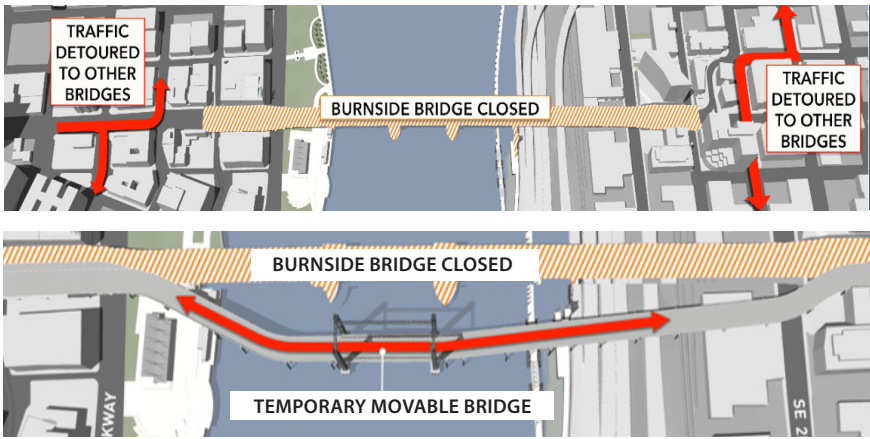
Demolishes the current historic Burnside Bridge

Considerations



Added support structure above the bridge creates changes to views

Recommended Traffic Option During Construction – Full Bridge Closure



A full bridge closure would detour all vehicles, bikes and pedestrians to neighboring bridges during construction. The other option that was studied in depth was building a temporary movable bridge. A full bridge closure would save up to \$90 million, reduce the construction period by 1.5 to 2 years and reduce impacts on natural resources versus constructing a temporary bridge.

Not having a temporary bridge adds 2-4 minutes of time for motor vehicle crossings, and 5 – 18 minutes for trips by bicycle or on foot, depending on the route when compared to having a temporary bridge.

Benefits of a full bridge closure

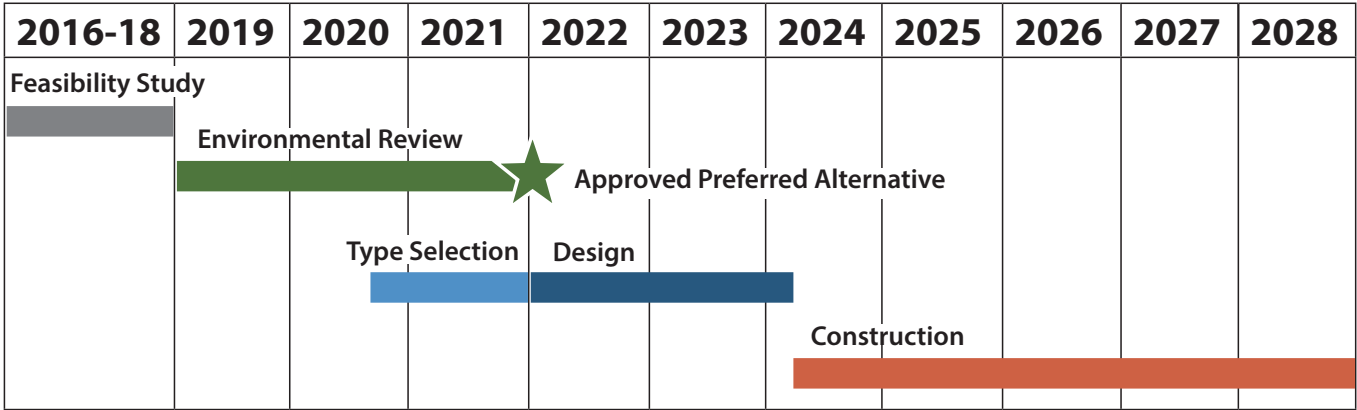
-  Shortest construction duration
-  Least expensive
-  Least impact to community facilities and natural resources

Impacts

-  Increased travel time
-  Reduced access across the Burnside Bridge

Project Timeline

The project is in the Environmental Review phase which includes preparing an Environmental Impact Statement (EIS) on the bridge options.



What's Next?

Your feedback will be considered by the Community Task Force before their final recommendations go to the Policy Group in October for approval. These recommendations will be included in a draft Environmental Impact Statement (EIS) on the bridge options to be issued by the Federal Highway Administration (FHWA). You will be able to provide feedback on the draft EIS in early 2021. In future phases, we will ask for your input on bridge design. If the project is approved and adequate funding is secured, construction is expected to start in 2024.



EARTHQUAKE READY

BURNSIDE BRIDGE

BETTER – SAFE – CONNECTED

Portland's aging downtown bridges are not expected to withstand a major earthquake.

Located in the heart of Portland, the Burnside Bridge is part of a regional emergency transportation route across the Willamette River. Multnomah County is taking the lead on making the Burnside Bridge earthquake ready.

BurnsideBridge.org

   @MultCoBridges, #ReadyBurnside

Make your voice heard!

We need your feedback. Go online to learn about:

- The recommended bridge option – Replacement Long Span
- The recommended traffic option during construction – Full Bridge Closure



Online Open House and Survey

Go to **BurnsideBridge.participate.online** from Aug. 3 to Aug. 31.

Complete the survey sections for a chance to win one of three \$150 Visa gift cards!

Para otros idiomas, envíe un correo electrónico a

Đối với các ngôn ngữ khác, vui lòng gửi email đến.

لغات الأخرى, رجاء أرسل بريد الكتروني الى:

当プロジェクトに関する他言語表示についてお問い合わせ

其他语言，请联系

Для связи на другом языке, пишите, **burnsidebridge@multco.us**.