

# Coal Creek Bridge Replacement Project



**King County**

Department of Local Services  
Road Services Division



## Bridge replacement design alternative is selected

The Coal Creek Bridge provides sole access to approximately 70 single-family homes and a Department of Fish and Wildlife boat launch on Lake Walker. The existing bridge is safe for travel, however it is deteriorating and needs to be replaced.

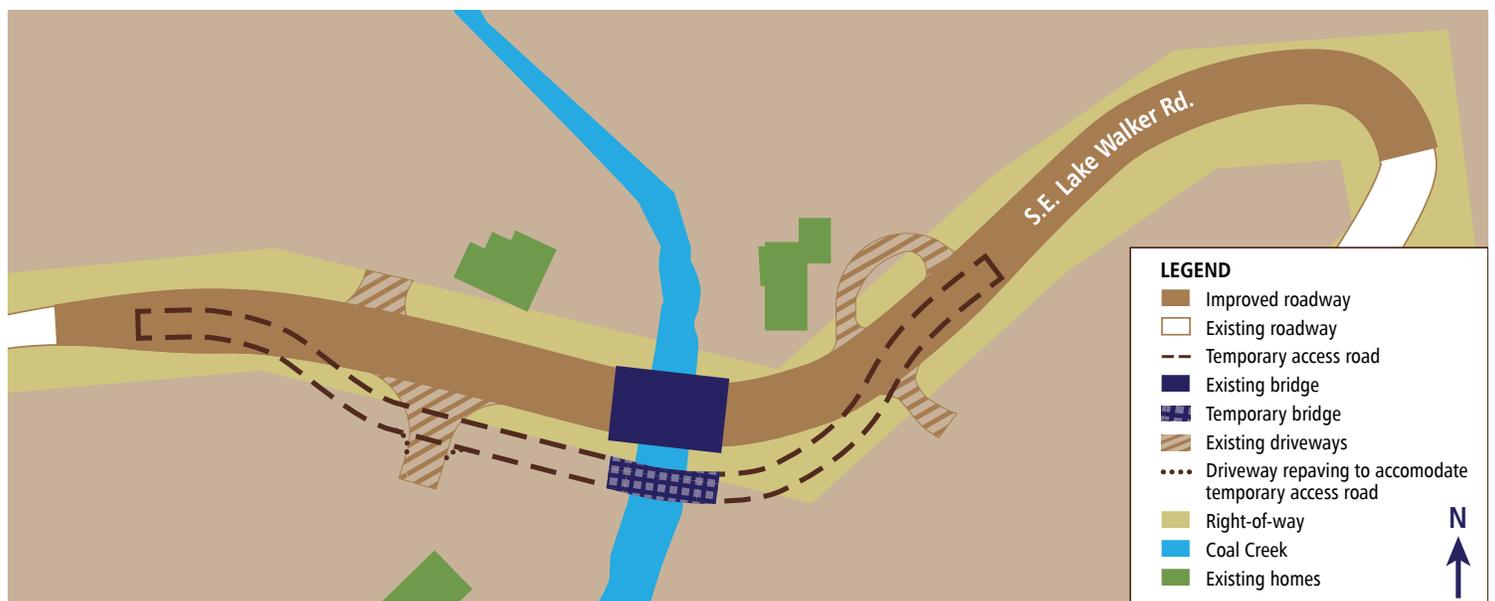
In March 2019, King County hosted a community open house and gathered input on three bridge replacement alternatives. Project team members used a variety of evaluation criteria, including comments from the public, to select the preferred alternative. This alternative is the best choice because it maintains public access during construction, can be constructed in six (6) months and requires the least amount of long-term maintenance.

### THE SELECTED DESIGN ALTERNATIVE

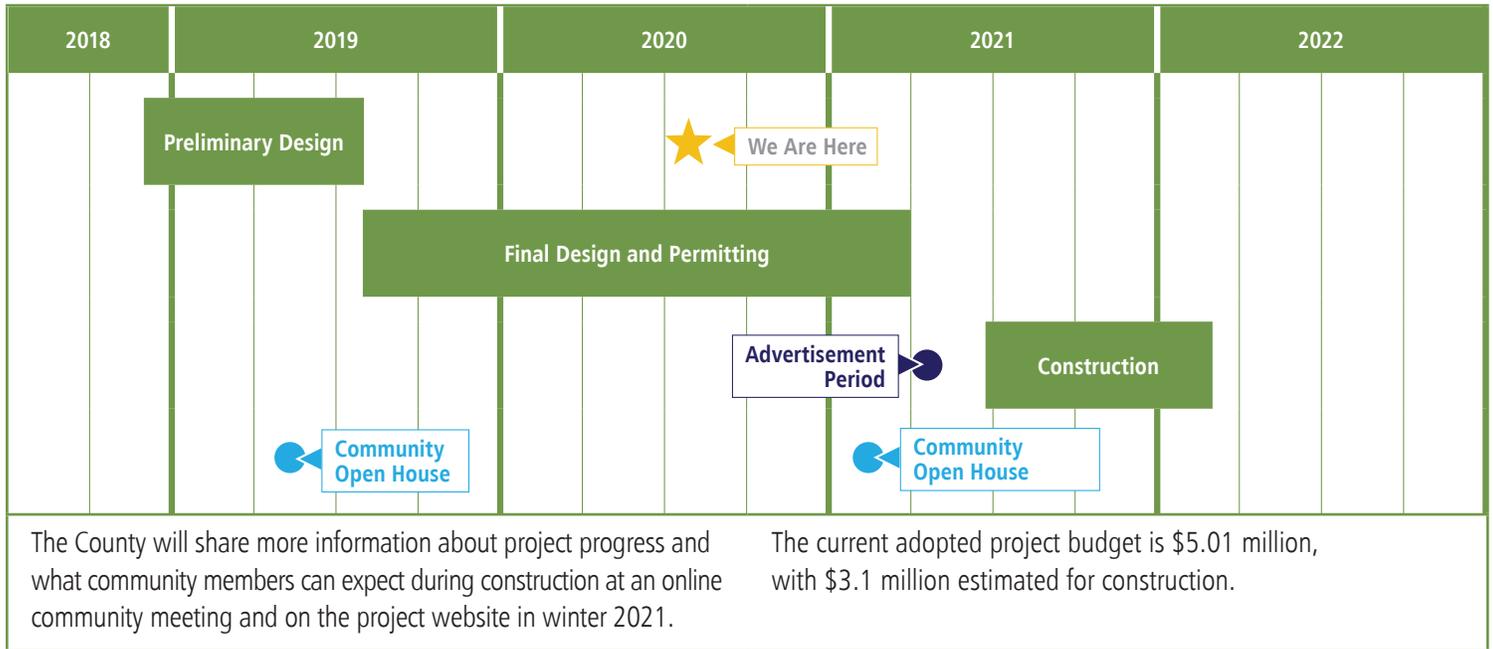
The new bridge will be built in the same location as the existing bridge. The foundation of the bridge will be built out of concrete, a proven and durable foundation material commonly used in bridge construction.

### TEMPORARY BRIDGE TO BE USED DURING CONSTRUCTION

Traffic will temporarily be diverted to a one-lane, two-way temporary road and bridge located to the south (downstream) of the existing bridge. Alternating two-way traffic on the bridge will be controlled via traffic signals at both ends of the diversion road (see map).



# Project schedule



## What's next?

King County will complete the following final bridge design tasks before physical construction work starts in summer 2021.

- ▶ Develop detailed engineering drawings (project plans) of all bridge and roadway components.
- ▶ Obtain all the required permits and approvals based on the project analysis of impacts.
- ▶ Work closely with adjacent property owners to acquire necessary property rights to build the project in accordance with the governing regulations.

## What to expect during construction

Construction is scheduled to begin in summer 2021. Access will be maintained throughout construction via a temporary one-lane two-way road and bridge with an alternating traffic signal at both ends of the diversion road. King County is committed to being a good neighbor and keeping you informed prior to and throughout construction. More details about construction schedule and sequences will be shared in winter 2021.

## Why replace the existing bridge?

**Age and deterioration:** The 62-year-old timber support structure is decaying, the 108-year-old steel floor beams are severely rusting, and bridge paint is peeling.

**Safety concerns:** The existing bridge is weight- and speed-restricted and cannot accommodate the heavy weight of many modern trucks. As it continues to age, it is at risk of its use being limited further.

**Extensive maintenance:** The aging timber and steel support structure is decaying, which requires frequent monitoring and major repairs. These repairs are an inconvenience to bridge users and will become costly over time.

**Environmental conditions:** The existing bridge has creosote-treated timber piles along the creek edge and does not meet modern environmental standards for water crossings.

## Contact information

Project website: [www.kingcounty.gov/coalcreekbridge](http://www.kingcounty.gov/coalcreekbridge)



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Sign up for Road Alerts: [www.kingcounty.gov/roadalert](http://www.kingcounty.gov/roadalert)

### Alternative Formats Available

This information is available in large print, braille, audio or other formats, upon request. Please call 206-477-3832 TTY Relay: 711

Para solicitar esta información en Español, sírvase llamar al 206-477-3800 o envíe un mensaje de correo electrónico a [AskLocalServices@kingcounty.gov](mailto:AskLocalServices@kingcounty.gov)