

# Six Mile Creek Bridge Replacement

## Kin Kin Road

### Project update

**November 2021**

The Department of Transport and Main Roads (TMR) would like to advise that design is progressing to replace the existing timber Six Mile Creek Bridge located on Pomona-Kin Kin Road (Kin Kin Road), three kilometres north of Pomona.

The project aims to improve the network by increasing safety, capacity and reliability for motorists.

#### The proposed design includes:

- a sturdier bridge structure capable of transporting two lanes of traffic (one lane in each direction) removing the need for motorists to stop and give way to opposing traffic on the bridge
- four-span bridge with improved flood immunity
- dedicated turn lanes into Bellbird Flat Road
- road realignment on sections of Kin Kin Road along the approaches to the bridge
- additional shoulder width on both sides of the bridge to improve conditions for active transport users
- vegetation clearing to accommodate the new bridge.

The new concrete bridge has been designed to meet TMR's current design standards. It will have bridge scour protection in place to protect the bridge foundations, improving its resilience to potential flood damage. The new bridge is expected to reopen quicker after flooding due to the bridge's concrete structure and design allowing water to recede more quickly and reducing inspection requirements.

The new bridge will be higher than the old bridge. The existing Six Mile Creek Bridge is closed regularly during flood events, in comparison, the new bridge will withstand more significant flood events, reducing the frequency of closure. Please find included the design layout for the new bridge structure. Any questions about the design can be sent to the project team using the contact details below.

Detailed design is expected to be finalised by early 2022. Construction timeframes will be confirmed once design is complete.

TMR can confirm the existing timber bridge will remain in place and continue to be used while construction is underway on the new concrete bridge structure. When it comes time to removing the 87-year-old bridge, any reusable timber will be recycled and repurposed to help repair other bridges on the state-controlled network.

#### Contact us

For further information about the project, please contact Mr Peter Toy, TMR Project Manager:

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Visit: [www.tmr.qld.gov.au](http://www.tmr.qld.gov.au) (search Kin Kin Road- Six Mile Creek: replace timber bridge)



A diagram illustrating a road cross-section. The road is divided into two main sections: a 'Traffic lane' (the upper, wider section) and a 'Shoulder' (the lower, narrower section). The road surface is shown in grey, and the surrounding area is green, representing grass or vegetation. A blue line indicates the boundary between the traffic lane and the shoulder. A small white car is shown driving on the traffic lane.

**Proposed design**

Original timber bridge to be removed and timber recycled

Existing accesses to be reinstated

To Kin Kin

Pomona - Kin Kin Road

FLOW

Six Mile Creek

FLOW

New dedicated right-turn lane

New dedicated left-turn lane

Pomona Cemetery

To Pomona

Bellbird Flat Road intersection to be improved

Bellbird Flat Road

- New concrete bridge
- Two lanes (one lane in each direction)
- Improved flood immunity and resilience

Shoulder

Traffic lane

**Road realignment works and  
access reinstatement works  
Embankment**

Flow direction

