

Mandagery Creek Bridge replacement project

Frequently Asked Questions

July 2023



What is happening?

The NSW Government is providing \$12 million to replace Mandagery Creek Bridge with a new concrete bridge, suitable for higher mass loading.

The Mandagery Creek Bridge replacement project is now well underway with Abergeldie Pty Ltd, the lead contractor on the project.

The project includes the staged demolition of the original bridge and construction of a new, wider concrete bridge with a dedicated pedestrian footpath on the northern side.

Why is the bridge being replaced?

The original Mandagery Creek Bridge was built in 1930 and is in poor condition, with narrow lane widths that do not meet modern design standards.

A durability assessment identified extensive carbonation, low concrete strength and cracking.

The bridge is an important link for road users travelling on the Henry Parkes Way between Orange and Parkes and for the Manildra community as it links the local school and residences with the town centre.

What options were considered?

Transport for NSW (TfNSW) investigated a number of options for Mandagery Creek Bridge including:

- **Option 1** – Do nothing
- **Option 2** – Full replacement of the bridge on a new upstream alignment or downstream alignment
- **Option 3** – Full replacement of the bridge on the existing alignment closing the current bridge and a detour in place for all traffic during construction.
- **Option 4** – Full replacement of the bridge on the existing alignment utilising staged construction. This option would allow traffic to continue to utilise the existing alignment for most of the construction period.

Option four was selected as the best outcome for the replacement as it met the proposal objectives, had lower capital costs, and reduced environmental and social impacts.

What are the key features and benefits of the project?

- Longer lasting, stronger bridge with a smoother ride for motorists
- Improved road user safety through wider travel lanes and improved road approaches
- Reduced ongoing maintenance costs
- Pedestrian walkway to improve pedestrian access
- New bridge capable of taking Higher Mass Limit (HML) loading

What will bridge capacity be once the project is complete?

The bridge will be capable of taking general access vehicles to Higher Mass Limit (HML) loading and reduce maintenance requirements.

How will traffic be impacted during the replacement work?

Staged construction is allowing for one lane of traffic to be maintained across Mandagery Creek for most of the construction period.

Traffic management is in place at each end of the bridge, with a delay time of approximately 5 minutes.

A series of up to 10 weekend closures will be required for the connecting stages of the project, starting in August this year, weather permitting. The weekend closures will occur non-consecutively throughout the remaining duration of the project, which is expected to be complete in mid-2024, weather permitting.

During the closures, all vehicles travelling to and from Manildra will be required to use a detour via Cudal along The Escort Way, Kurrajong Road and Yellowbox Road. The detour will be in place from Friday evening to early Monday morning.

Motorists are advised to allow approximately 30 minutes additional travel time when using the detour via Cudal.

What is happening now?

The new Mandagery Creek Bridge is being built in stages. The first half of the new bridge on the northern side is currently in construction, with one lane of traffic currently being maintained on the existing bridge.

Once the first half of the new bridge on the northern side is complete, traffic will be moved onto the newly constructed lane while we demolish and replace the southern side. The traffic switch is expected to occur in August 2023, weather permitting.

What will be happening during the weekend closures?

A series of essential construction works will be completed during the weekend closures, including lifting bridge segments into place, concrete pouring, and joining the two sides of the bridge.

The closures will ensure the safety of crews and motorists while these works are carried out.

There will be several weekends where construction activity on site may appear low during the closure period. This is to allow for essential concrete pouring and curing.

Will the weekend closures be consecutive?

The weekend closures will not be consecutive.

There will be up to 10 weekend closures over the duration of the project, starting in August 2023, weather permitting. The project is expected to be complete in mid-2024.

How will the community be notified of the planned weekend closures?

Dates of the planned weekend closures will be advertised at least two weeks in advance on roadside electronic signage and our website.

Wet weather may result in a change of date at short notice.

Transport for NSW has extensively consulted with the Manildra community and Council, emergency services, local businesses, freight operators and local industry including Manildra Group and MSM Milling to make them aware of these closures and help minimise the impacts, and we appreciate their co-operation throughout.

We will keep the community updated through notification letters, regular social media updates, webpage updates and via LiveTraffic.

Will there be local and resident access across the bridge during the closures?

No, there will be no local or resident access across the bridge during the weekend closures, including pedestrian access.

From Friday evening until Monday morning during closure weekends, all motorists needing to travel from one side of the bridge to the other will need to use the detour via Cudal.

Will there be pedestrian access on the new bridge?

Yes, TfNSW has designed the new Mandagery Creek Bridge to include a dedicated pedestrian footpath on the northern side of the new bridge.

Is the work impacting Mandagery Creek?

Mandagery Creek Bridge crosses the Mandagery Creek. The work will not have any adverse impacts on the creek or the environment. TfNSW is committed to using best practice environmental controls.

Will the work impact Manildra Flour Mill?

Transport for NSW understands the importance of the Manildra Flour Mill to the Manildra community as an employer and therefore we have been regularly consulting with the mill throughout development and construction of the project to minimise impacts. We will continue to work closely with the mill until completion of the project.

Will the work be noisy?

There will be some noise during construction, but this will be limited to daylight hours and in accordance with specified environmental standards. We have consulted with properties expected to be impacted and provided appropriate notice prior to commencing these works.

What happens next?

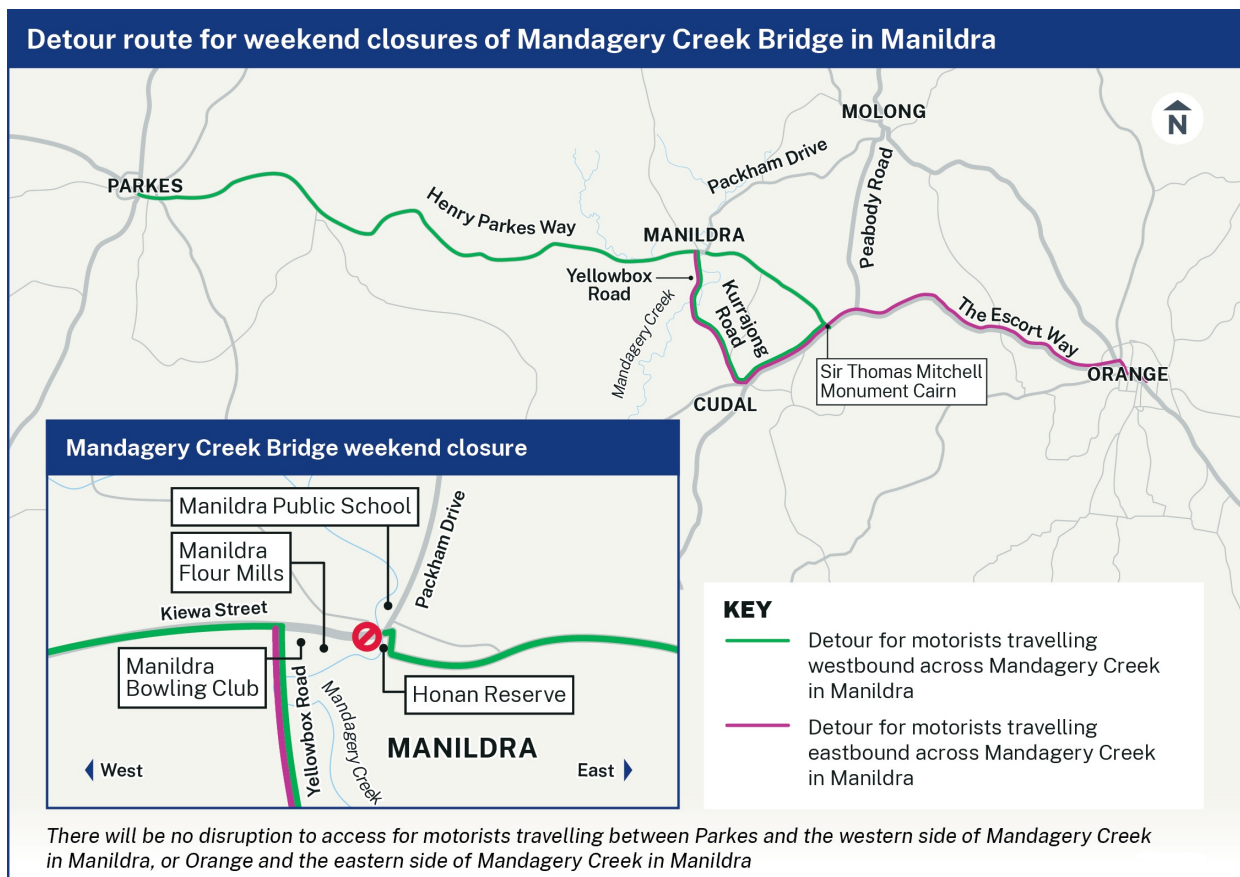
We will be switching traffic onto the northern side of the Mandagery Creek Bridge in August 2023, weather permitting, to allow for demolition and construction of the southern side of the new bridge.

We will continue to keep the community updated as the project progresses.

How can I find out more?

Visit our project webpage at nswroads.work/manildrabridge for more information about the project and upcoming weekend closures.

If you require any further information, contact the project team at western.projects@transport.nsw.gov.au or 1800 167 499 (during business hours).



Contact us

If you have any questions, or would like more information on the Mandagery Creek Bridge replacement project, please contact our project team by:



1800 167 499



western.projects@transport.nsw.gov.au



nswroads.work/manildrabridge



If you need help understanding this information, please contact the Translating and Interpreting Service on **131 450** and ask them to call us on **1800 167 499**.