

Swan River Crossings



Making river journeys safer

An enhanced design for a new bridge is proposed to replace the Fremantle Traffic Bridge. The new bridge will be the fifth built at the crossing, which dates back thousands of years.

The new concept design features:

- A new iconic bridge built on the same alignment as the existing bridge, with two traffic lanes in each direction.
- Ties into the existing Queen Victoria Street and Canning Highway intersection.
- Wider and safer pedestrian and cyclist paths on each side of the new bridge.
- Improved navigational safety for boats, kayaks and rivers users.

How will navigational safety improve?

Higher and wider clearances of up to 9 metres for yachts, recreational boats and emergency services will improve safety. The long span design of the new bridge means it only requires two piers in the water, creating a higher, wider and more open navigational span.

Have river users been consulted?

We have worked with Department of Transport (Marine Safety), emergency services, ferry operators, Boating WA and many others in determining what improvements were required.

The key issues raised during consultation with community and stakeholders included:

- the safety for river users navigating through the narrow channel under the bridge.
- the overhead bridge clearance.
- alignment of both the rail and traffic bridge.
- the number of piers in the river.

The existing Fremantle traffic bridge has 24 piers in the water, the new bridge will only have two. This means safer and easier navigation for all river users.

Vessel simulation was undertaken with the help of ferry operators to understand the clearance needed for both current and future ferries.

The new 9 metre height clearance, which is 2 metres higher than the current traffic bridge, means the



existing rail bridge has the lowest height clearance of 8 metres on this stretch of the Swan River.

What will happen during construction?

A vessel management plan will be implemented to ensure safety and minimise disruption to river and port users, other marine operations and the marine environment. Access for river users and navigational channels will remain open wherever possible during construction.

Further information

If you would like further information, have any questions or concerns, you can contact us at 138 138 or email: enquiries@mainroads.wa.gov.au

You can also subscribe to receive updates directly to your inbox by registering your email on the project's webpage [here](#).



Did you know?

The Fremantle Traffic Bridge has the lowest clearance and narrowest navigation spans of all Swan River bridges up to the Causeway in East Perth.