

# Causeway Pedestrian and Cyclist Bridges Project



Image: Concept design of the foreshore path at the north of Heirisson Island (Perth side), at tree maturity. *Subject to change*

To facilitate the safe construction of the bridges, some vegetation on Heirisson Island and Point Fraser must be removed. The Causeway Link Alliance is committed to minimising vegetation clearing, repurposing any trees removed and replanting at a ratio of three to one. This will result in a long-term increase in native tree species, which over time will form a large canopy that will support native birdlife and minimise water use.

Following the advice of Traditional Custodians, key to the design of the bridges is minimising impacts to the sacred Swan River (Derbarl Yerrigan). The cable-stay design ensures less impact to the river, with only three permanent pylons required to support both bridges.

The bridges' alignment, approximately 90 metres downstream of the existing Causeway traffic bridge, was chosen in consultation with stakeholders to minimise the number of trees to be removed on Heirisson Island.

The bridge abutments will be constructed 20 metres from the shoreline to minimise impacts to vegetation planted along the river foreshore.

The trees removed will be replaced or repurposed within the project site where possible. The Alliance is donating several trees to the Woodturners Association, who will salvage the timber. The Project has also identified trees and vegetation that can be donated to Perth Zoo, including acacia trees for the giraffes, branches for native habitats and mulch that can be used throughout the Zoo's gardens.

## Project approvals

The Causeway Link Alliance on behalf of Main Roads WA received approval of the Project's Development Application (DA) in early 2023. Following extensive consultation and collaboration with landowners, including the City of Perth, Town of Victoria Park, the Swan River Trust and the Project's Matagarup Elders Group (MEG), the DA was approved by the City of Perth Local Development Assessment Panel (LDAP) based on advice from the WA Planning Commission. The approval is to use and/or develop land at Point Fraser, Heirisson Island and McCallum Park respectively for the proposed new Causeway Pedestrian and Cyclists Bridges.

## Minimising environmental impacts

The Causeway Link Alliance is committed to minimising environmental impacts during construction.

### How will construction impacts be minimised in the river?

Amongst the mitigation initiatives, the project is minimising the number of pylons in the river. The bridge construction involves direct piling into the ground, (three permanent pylons) to minimise the footprint of the bridges on the riverbed and hence reduce the potential impact to aquatic communities and habitat, as well as the river users.

A key consideration for the project is minimising riverbed disturbance to reduce potential impacts in the river water quality during construction. Silt curtains will also be used to mitigate sediment plumes in the river.

### How will you minimise impacts on marine life during construction?

There are several management controls that will be implemented to minimise potential impacts to aquatic fauna during construction. These include underwater noise and vibration monitoring and the engagement of Marine Mammal Observers during all in-river works. This will ensure that no potentially harmful activities (such as pile driving) are undertaken if fauna are present within the designated exclusion areas.

Other controls include implementation of a Vessel Management Plan to manage the interface with other river users and a robust water quality program to

monitor the health of the river during construction and determine if there are any impacts to the ecology.

### How will you be protecting the kangaroos on Heirisson Island during construction?

The Western Grey Kangaroos that live within the fenced off area on the most western side of Heirisson Island will not be impacted by the works and will remain there during construction.

Noise and vibration monitoring has commenced and will be in place on Heirisson Island during construction to ensure the kangaroos inhabiting the area are not adversely affected.

A vet will be available to assess the kangaroos regularly throughout the works.

## Further information

More information about this project is available on the project webpage, you can also subscribe for updates: [www.mainroads.wa.gov.au/causeway-path](http://www.mainroads.wa.gov.au/causeway-path)

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](mailto:enquiries@mainroads.wa.gov.au)



Image: Concept designs of the foreshore path at the south of Heirisson Island (above) and McCallum Park (below), at tree maturity. *Subject to change.*

