

The new Perth Stadium Swan River Pedestrian Bridge

Why is a new bridge being built over the Swan River?

The Swan River Pedestrian Bridge was identified in the Master Plan prepared for the new Perth Stadium Project. It forms an important part of the integrated transport system designed to manage all pedestrian, vehicle, bus and train movements into and out of the new Perth Stadium.

The State Government's vision for the Swan River Pedestrian Bridge is to create a high-profile piece of public infrastructure that is a landmark example of design excellence, as outlined in the State's 'Better Places and Spaces' Policy.

On 'event days' the bridge will be used by about 14 000 patrons who will park in existing car parks through the City and catch 'event day' shuttles to and from the bridge. Alternatively patrons will walk to and from the surrounding city areas to make their way to the Stadium.

Controlling these patrons will involve coordination between the City of Perth, the Public Transport Authority and the Venue Operator. Collectively, they will be responsible for ensuring the safe and controlled movement of patrons to and from the Stadium and Sports Precinct, minimising impact to local residents.

When will work start and finish on the new bridge?

Planning and investigation work was undertaken during 2012 and 2013 and contract preparation work is currently underway. Design work on the bridge is scheduled to begin at the end of 2014, and construction will start during the first quarter of 2015. The bridge will be completed by the end of 2016.

Ongoing updates on the works progress will be available via the website –<http://www.perthstadium.com.au/works-progress>

What will the new bridge look like?

It is not yet known what the bridge will look like. A number of concepts and images have been prepared for planning and costing purposes only. These are not an indication of how the bridge will look. The bridge design detail will be developed through the competitive design and construction tender process in 2014.

The details currently known include:

- The bridge will land at Nelson Avenue in East Perth and adjacent to the former Burswood Park Golf Club house on the Burswood Peninsula.
- The bridge will have a clear width of at least eight (8) metres.
- The bridge will span approximately 400 metres over the water.
- In East Perth the bridge will land at Nelson Avenue and run southwards alongside Gloucester Park.
- At the Burswood Peninsula there will be an open platform adjacent to the existing Burswood Golf Club house.
- There is a maximum of eight (8) piers allowed within the river.
- The navigational channel in the centre of the bridge must be the same height and width as the one at Windan Bridge.
- The shared use paths on the eastern and western foreshore will be retained and will pass under the new bridge.
- The materials used may be steel, concrete or a combination of these materials.



Questions and Answers

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What information is the contractor given to assist them to determine the bridge design?

During the competitive tender process the contractors will be given information including minimum scope requirements and design quality objectives that integrate engineering, architectural, environmental and aesthetic principles.

The design objectives include functionality and build quality (including safety), innovation and creativity, efficiency and sustainability, as well as responsiveness to the context and environment within which the structure will exist.

What implications does the work have for the East Perth foreshore and the river?

The State has been working closely with the Swan River Trust, the City of Perth, the Metropolitan Redevelopment Authority and the Department of Environmental Regulation to obtain a full understanding of the issues affecting the foreshore and the river. This work will minimise the impacts of construction on the area and enable management and monitoring criteria to be identified.

The successful contractor will need to prepare and implement detailed management plans for the river and foreshore, with these being considered by regulatory authorities including the Swan River Trust and the Department of Environmental Regulation.

How will the Swan River Pedestrian Bridge connect to the existing path network?

The shared use paths along the eastern and western foreshores may need to be temporarily deviated or realigned during construction, however, access along the foreshore will be maintained. When the project is complete, both shared use paths will be reinstated under the new bridge and will connect to the bridge via access ramps.

Will vegetation need to be cleared to accommodate the new bridge?

There will be some clearing required on the eastern and western foreshore as part of the bridge works.

A revegetation and rehabilitation program will be implemented as part of the bridge project.

What approvals are needed?

The bridge works are included in the Aboriginal Heritage approval (known as a Section 18 Notice) obtained for the new Perth Stadium Project. A referral to the Environmental Protection Authority (known as a Section 38 Referral) was also undertaken and the EPA has determined that the bridge does not require a formal environmental assessment.

Development approvals are also being sought from:

- the Metropolitan Redevelopment Authority (MRA) for the bridge landing on the foreshore adjacent to Nelson Avenue and the part of the bridge in the Swan River located within the Metropolitan Redevelopment Act area; and,
- the Western Australia Planning Commission (WAPC) for the majority of the bridge over the Swan River.

Main Roads is committed to creating and maintaining strong working relationships with the City of Perth, the Swan River Trust and the regulatory authorities in the development and implementation stages of the project.

Who will be building the bridge?

Following a competitive tendering process, a design and construction contract will be awarded to the successful industry bidder at the end of 2014. Further details will be available on the project website – www.perthstadium.com.au by the end of 2014

How can local residents and the general public contact the Stadium Project Team with enquiries?

For email enquiries, please email perthstadium@dsr.wa.gov.au, for phone enquiries, please call (08) 9428 1961.

Where can I learn more about the new Perth Stadium Project?

For updates on the project, please register for the e-newsletter at www.perthstadium.com/news.