

Tonkin Gap Project and Associated Works



Frequently Asked Questions – Malaga footbridge

We're building a new arch footbridge over Tonkin Highway in Malaga. The footbridge will help provide safe access for pedestrians and cyclists from the residential areas west of Tonkin Highway, to Whiteman Park, and to METRONET Malaga Station, when the Morley-Ellenbrook Line is in operation.

Where will the footbridge be located?

The footbridge will be located about 750 metres north of Marshall Road.

How will users access the footbridge?

Access will be via the principal shared path (PSP) on the western side of Tonkin Highway, close to Premier Place. On both the eastern and western side of the ramps, access will be via elevated walkways, however, there will also be an additional staircase on the western side.

Will footbridge users be able to see into my property?

Residential screening was a key consideration of the bridge design. Screening that is 2.4 metres high will be fixed to the southern side of the bridge. On the western side of the footbridge, approximately 200 metres of metal screens will be fixed to the ramp and stairs. Where required, the perspex on top of existing noise walls on the western side of Tonkin Highway will have an opaque treatment applied, providing privacy from the ramp. The team will contact property owners on the western side of the bridge and ramp to coordinate this.

How is security and crime prevention considered in the design of the footbridge?

Crime Prevention through Environmental Design (CPTED) principles has been at the forefront of the design development and is incorporated in the finalised design. Screening will increase line of sight to avoid creating 'blind spots'. Passive surveillance has been maximised through geometric considerations of both the eastern and western ramps.

Will the footbridge provide for mobility requirements?

The footbridge design, including the ramps complies with access and mobility standards.

When will construction start?

Construction has started on both sides of Tonkin Highway, including clearing and earthworks.

Will you need to cut down any trees to construct the footbridge?

Clearing of trees and vegetation will be minimal. Of the site options explored, this location had the least impact on the threatened ecological community (banksia woodlands) on the eastern side of the highway. This area is currently approved for clearing as part of the Malaga station works.

How will the footbridge be constructed, and will I notice the works?

The steel structure will largely be constructed offsite and then transported to site to be installed by cranes onto concrete footings and piers. Some temporary sheet piling will be required on the western side, and adjacent to the larger concrete footings. Noise and vibration will be monitored in line with the Project's approved management plans and minimised wherever practical.

Will Tonkin Highway or any local roads need to be shut for this work to occur?

We will need to close Tonkin Highway to install the steel bridge segments. This will potentially be on two separate weekends. Up-to-date information and a detour map will be available through the Main Roads website and our Tonkin Gap Facebook page closer to the date. We do not expect to close any local roads.

Will PSP access be impacted?

Yes, to safely build the western ramps, we have closed a section of the PSP on the western side of Tonkin Highway between Premier Place and Marshall Road. Details of the closure, and the detour map, are on the Tonkin Gap project page on the Main Roads website.

What is Tonkin Gap Project and Associated Works?

Jointly funded by the Federal Government (\$232 million) and State Government (\$58 million), the Tonkin Gap Project is part of a suite of improvements to transform the Tonkin Highway corridor, providing a high standard north-south transport link from Muchea down to Mundijong.

The Tonkin Gap Alliance has been appointed to undertake detailed design and construction for the Tonkin Gap Project and rail-enabling works for METRONET's Morley-Ellenbrook Line.

For more information on Tonkin Gap

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