

# Construction Update

## NorthLink WA – Southern Section: Guildford Road to Reid Highway

John Holland is working in partnership with Main Roads to deliver the upgraded Tonkin Highway on the NorthLink WA Southern Section.

### Permanent pavement works have begun on Tonkin Highway

The first permanent asphalt for NorthLink WA was laid in December, along Tonkin Highway northbound between Collier Road and Railway Parade. This included 15,000sqm of the total 260,000sqm of permanent asphalt to be laid on the NorthLink WA Southern Section.

The new road comprises 10 per cent of recycled pavement, and the final top layer of the wearing course will be open-graded asphalt, which will provide a quieter running surface compared to the existing highway.

### Underpasses taking shape

Construction of the pedestrian underpasses at Collier Road and Morley Drive has commenced. Each are being constructed from precast units developed in steel form moulds. On completion, the underpasses will connect to the shared paths along and around the new alignment.

The Collier Road underpass, pictured right, is a trapezoidal structure and comprises 23 precast units - each weighing 22 tonnes.



Tonkin Highway milestone: the first permanent asphalt for NorthLink WA was laid in December 2016 between Collier Road and Railway Parade

The underpass at Morley Drive, pictured below, with 31 precast two-piece panels, will service local residents and the Hampton Park Primary School community. These panels interlock at the top of the arch and are secured in two points at the footings, producing a three-pin self-supporting arch system.



A three-pin self-supporting arch system is being used at the Morley Drive/Tonkin Highway pedestrian underpass



Precast trapezoidal underpass structure at Collier Road/Tonkin Highway

The first major traffic switch on NorthLink WA was at Benara Road/Tonkin Highway on the weekend of 5-6 November. The carefully planned closure of Benara Road at Tonkin Highway was needed to construct a temporary bypass road at the intersection.

To enable the next stage of works, Benara Road was closed again between 13-16 January to facilitate a second traffic switch. These traffic switches have enabled our teams to start construction of the Benara Road flyover.

Further south, the new Collier Road temporary intersection opened to the west of the previous location on 19 December. This will allow construction of the Collier Road interchange bridge.

### Upcoming road closure:

- Morley Drive closed between Crimea Street and Beechboro Road North (left-in, left-out access to local residents only) from 8pm Friday 3 February to 5am Monday 6 February.

Register for updates at [info@northlinkwa.com.au](mailto:info@northlinkwa.com.au) or check our website [www.northlinkwa.com.au](http://www.northlinkwa.com.au)



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## A works snapshot

- Piling works for noise and screen walls have started and the first walls are due to be installed in early 2017 around Benara Road and between Benara Road and Morley Drive.
- Clearing works along the eastern side of Tonkin Highway, between Acacia Court and just south of Broun Avenue in Morley, are almost complete.
- Piling installation and footing construction is underway at Collier Road intersection as part of the construction of the new bridge.
- Earthworks are continuing along the entire alignment to facilitate widening and reconstruction of Tonkin Highway southbound carriageway.
- Pier construction at Benara Road intersection has started.
- Existing power infrastructure is being upgraded from above ground to below ground on a number of local streets in close vicinity to Tonkin Highway.
- Foundation construction and abutment walls have been installed as part of the Morley bridge roundabout interchange.



## Local shopping centre displays

The John Holland construction team held information displays at the Galleria and Noranda Shopping Centres, where they talked to more than 330 people about the Tonkin Highway upgrade.

Project Manager Ben Johnston said a popular feature of the display was the fly-through animation, which shows what the highway will look like in January 2018. "The fly-through is a good way of seeing how great this new highway will be when it's finished," Ben said.

If you missed out on the shopping centre displays, you can view the fly-through at [www.northlinkwa.com.au](http://www.northlinkwa.com.au).

## Working with the community

We appreciate your patience as we complete this exciting project to significantly improve traffic conditions and road safety along Tonkin Highway. We will ensure all changes are communicated well in advance to minimise disruption and give you time to plan ahead.

## WANT MORE INFORMATION?

If you have any concerns or enquiries, please contact the NorthLink WA – Southern Section Communications Team on **1800 748 642** or [nlwa.project@jhg.com.au](mailto:nlwa.project@jhg.com.au)

For more information visit [www.northlinkwa.com.au](http://www.northlinkwa.com.au)

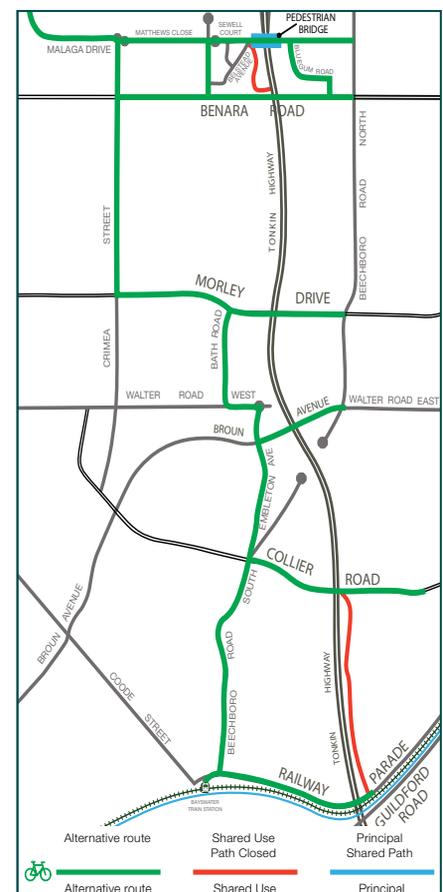
## Shared use path closures

The path along the eastern side of Tonkin Highway, between Railway Parade in Bassendean and Collier Road in Morley, has been closed to enable works on a gas main that runs along the same alignment.

The path between Belstead Avenue and Benara Road in Noranda has also been closed to enable the temporary intersection at Tonkin Highway and Benara Road to be constructed.

Both paths will remain closed until completion of NorthLink WA southern section in 2018.

Recommended detours for cyclists are shown on the map below.



Recommended detours for cyclists

On completion, NorthLink WA will transform the existing Tonkin Highway to a freeway standard link with six lanes. Traffic will become free-flowing with the removal of traffic lights at Collier Road, Morley Drive and Benara Road, providing a safer, more efficient transport route. NorthLink WA will take traffic off local roads and onto Tonkin Highway, leaving local roads for local journeys.

THE \$1.12B NORTHLINK WA INITIATIVE IS JOINTLY FUNDED BY THE AUSTRALIAN (\$894M) AND WESTERN AUSTRALIAN (\$223M) GOVERNMENTS.



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