

Tonkin Gap Project and Associated Works



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**. These improvements will alleviate pressure on the transport network, reduce travel times and improve safety and connectivity.

Alliance team appointed to start detailed design and construction

The WA Government has appointed an Alliance team to undertake detailed design and construction for the Tonkin Gap Project and Associated Works.

Tonkin Gap Alliance (TGA) — comprising Main Roads, the Public Transport Authority, BMD, Georgiou Group, WA Limestone, BG&E and GHD — will begin detailed design to determine the final layout and configuration of new roads, bridges, shared paths, noise walls and amenity walls between Collier Road and Dunreath Drive. The Alliance will also carry out rail-enabling works for METRONET's Morley-Ellenbrook Line, in conjunction with the Public Transport Authority.

The Tonkin Gap Project is jointly funded by the Federal Government (\$232 million) and State Government (\$58 million).

The design process

As part of its early planning for this project, we developed a concept plan to assist with cost estimation, community engagement, land requirements and approvals.

The Alliance is now responsible for progressing the design and exploring innovations in construction to reduce impact to the community, the environment and road users.

One proposed innovation is to overlap the bridge structures at Redcliffe, reducing the overall width across the Swan River. At this stage, only the new bridge on the western side is funded. The Alliance has also proposed a design that reduces the impact of the new Great Eastern Highway loop ramp on Selby Park.

Managing noise

We understand that with Tonkin Highway open to Muchea, increased traffic may be creating additional noise. We plan to build noise walls near residential areas to help manage this noise.

In the planning stage, we engaged an acoustic expert to put noise logging equipment outside homes at several locations along Tonkin Highway, between Bayswater and Redcliffe. This provided an accurate measurement of noise prior to the highway upgrade.

Once we have the final design of the road infrastructure, our acoustic consultants will use this baseline data to determine the most appropriate locations for us to build noise walls. This will ensure that traffic noise experienced by nearby residents remains within the limits mandated by State Planning Policy 5.4.

Typically, noise walls are built along property boundaries next to the road reserve. In this case, we will consult directly with the affected property owners. Where the road is much higher than residential properties, we will construct the walls next to the road.

Safety and efficiency benefits

As well as new traffic lanes for highway traffic, there will be new roads linking Guildford Road and Great Eastern Highway, eliminating the current bottleneck between Bayswater and Redcliffe.

We will upgrade Guildford Road and Great Eastern Highway interchanges and build bridges over the Swan River, Dunstone Road, Guildford Road and Railway Parade. We will also upgrade facilities for riders and walkers, providing a continuous Principal Shared Path (PSP) on the western side of the highway with local connections.

What to expect during construction

We expect to start construction by October 2020 and be finished by late 2023, and will make every effort to reduce disruption to road and path users and surrounding communities. We can build some of the infrastructure offline while the current highway continues to operate, however you can still expect lane closures, speed reductions and path detours.

If you live or work close to the site, you may experience some noise and vibration. We will provide advance notice if we are planning night works near your home.

If you own a property near the highway, we may also offer a pre-construction building survey before work starts. We encourage you to accept this offer as it is your protection in the unlikely event of any property damage as a result of the work.



This document can be provided in alternative formats upon request

HAVE YOUR SAY



Now we have an Alliance team, we can undertake further community and stakeholder consultation and address issues raised during the early planning process.

REGISTER on our project website for future consultation opportunities and receive project updates by email.

More information

E: enquiries@mainroads.wa.gov.au

T: 138 138

W: www.mainroads.wa.gov.au

Preparing for METRONET'S Morley-Ellenbrook Line

Tonkin Gap Alliance will also complete rail-enabling works for METRONET'S Morley-Ellenbrook Line, including modifications to Tonkin Highway between Railway Parade and Hepburn Avenue.

The project scope includes the construction of two underpasses and dive structures to enable trains from Bayswater station to enter Tonkin Highway and exit at Malaga Station. We will also build road and bus bridges at Broun Avenue to facilitate access to the future Morley Station.

The rail-enabling works are funded separately by the State Government.

For more information on METRONET and the Morley-Ellenbrook Line visit <https://www.metronet.wa.gov.au/>