

July 2023



Australian Government



mainroads  
WESTERN AUSTRALIA

# Tonkin Gap Project and Associated Works

## Construction Update

**This update contains important information about upcoming works near you. Works below are anticipated from July but are subject to change. Some works will need to be undertaken on Sundays. Please drive carefully and observe the road signage. There is potential for longer than usual travel times and we encourage road users to plan ahead. Up-to-date information will be available through the Main Roads website and our Tonkin Gap Facebook page. If you have any concerns during the works, please call 138 138 (24 hours).**

### Modified Tonkin Highway northbound ramps from Great Eastern Highway

You may have noticed we recently activated the new loop ramp from Great Eastern Highway to Tonkin Highway northbound and have closed the existing northbound on-ramp. This means that if you are travelling eastbound on Great Eastern Highway you will turn right onto the loop ramp to head north on Tonkin Highway, and if you are travelling westbound you will turn left to head north on Tonkin Highway.

In July, we will continue with earthworks and asphaltting along Great Eastern Highway to upgrade the lanes. Intermittent night works will occur, and there will be noise, vibrations, and dust. While we carry out these works, Great Eastern Highway between Lyall Street and Boulder Street will be reduced to two lanes until late-2023. Please plan ahead if you are using Great Eastern Highway and visit the Main Roads website and Tonkin Gap Facebook page for details on night works, ramp closures and specific dates.

### Great Eastern Highway eastern footpath closed

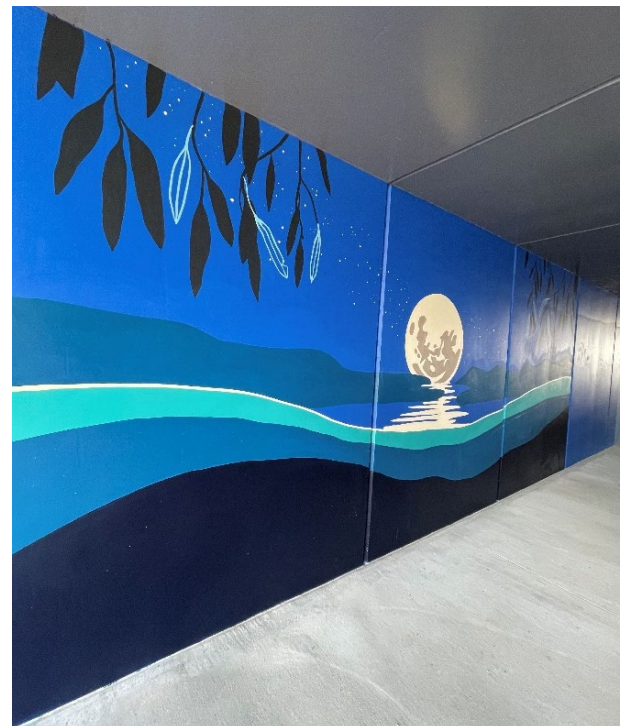
There will be temporary modifications to the path network at the intersection of Kanowna Avenue West and Great Eastern Highway in July. This will allow the team to complete roadworks on Great Eastern Highway as part of the permanent alignment. Keep an eye out for closure details and the detour route on our Facebook page and website.

### Great Eastern Highway underpass painting

Local Noongar artists from Karrak Designs have been hard at work bringing the Great Eastern Highway underpass to life with this colourful artwork representing the six Noongar seasons, with painting completed in June. The next stage of works in the underpass is the permanent light installation in late-2023. Make sure to take a moment to check out the artwork when you are passing through.

### Great Eastern Highway directional signage installation

In late-July we will be installing overhead directional signage on Great Eastern Highway eastbound before Tonkin Highway. To complete these works we will need to implement lane and ramp closures over two nights in late-July. Keep an eye out on closure details and the detour route on the Tonkin Gap Facebook page and Main Roads website.



*Great Eastern Highway underpass painting*

## Traffic changes between Dunreath Drive and Guildford Road

### New Redcliffe Bridge open to Tonkin Highway northbound traffic

The Collector-Distributor Road (CD road) that runs between Stanton Road and Guildford Road is now open. Traffic was switched onto the CD road in late-June, with all northbound traffic now travelling over the new Redcliffe Bridge. This switch means the temporary restricted access to Guildford Road has been removed, with northbound through traffic now able to exit at Guildford Road.

### Tonkin Highway southbound realignment over Redcliffe Bridge

This month we will be realigning both the southbound carriageway over Redcliffe Bridge and the Tonkin Highway southbound off-ramp. In preparation to switch traffic, we will waterblast old traffic markings, complete line marking, and barrier works. The traffic switch will allow the team to demolish old pavement and install drainage and build the new pavement on Tonkin Highway over the Redcliffe Bridge. There will be bulk earthworks as we complete this work. The team will also continue with noise walls panel works along the Tonkin Highway southbound off-ramp to Great Eastern Highway throughout July.

### Next stage of Principal Shared Path tie-in works

Our team has been working to complete the PSP tie-in works between Redcliffe Bridge and north of Railway Parade. Works continue in July, as we prepare to build the pavement. You may notice some vibrations as we complete compaction and asphalt the pavement. Keep an eye out on our project page website for an opening date.

### Asphalt and barrier work continues at night

Asphalting and barrier works will continue at night at various locations across the project. There will be lane and ramp closures. While asphalting, there may be noise, vibrations and you may notice a diesel-like smell when we apply the prime which is the initial treatment layer. Some locations where we will be asphalting across July:

- Tonkin Highway southbound off-ramp to Great Eastern Highway
- Tonkin Highway between Stanton Road and Guildford Road
- Tonkin Highway between Dunreath Drive and Great Eastern Highway
- Great Eastern Highway between Lyall Street and Tonkin Highway
- Guildford Road eastbound under Tonkin Highway
- Tonkin Highway between Collier Road and Railway Parade

## METRONET Morley-Ellenbrook Line

### Rail dive structures

June was a busy month for the project having checked off some major milestones. Both the northern dive structure and southern dive structure are now ready for their next stage of rail works as part of the METRONET Morley-Ellenbrook Line. Across the two dive structures, 98 diaphragm walls have been constructed, 1,040 secant piles constructed, 39,000 cubic metres of concrete poured, and 65,000 cubic metres of dirt excavated. Works will continue as the METRONET team powers along with the next stage of rail works.



*Southern dive structure underway*



*Southern dive structure 2023*

## Morley Station

### Morley Station multilevel carpark

The Morley Station multilevel carpark is a hub of activity as the team continues with building the foundations. Concrete pours will continue throughout July, with 124 tonnes of reinforcement and 669 cubic metres of concrete used to date. There will be intermittent early morning concrete pours required as we do these works.

### Wotton Reserve basin works

We will be installing increased underground stormwater collection capacity at the southern side of Wotton Reserve, behind the skate park. To prepare for this work, we will be fencing off a small area between the skate park and existing drainage basin. Access to the skatepark and Wotton Reserve will remain open, however park users may notice an increase in construction activity in this area prior to drainage works commencing later this year.

### Broun Avenue and Embleton Avenue intersection upgrade

Works are continuing at the intersection of Broun Avenue and Embleton Avenue, with the new eastbound lanes on Broun Avenue built. Activity at the intersection will be intermittent in July ahead of works to relocate parts of the Western Power network to complete the upgrade. The right turn from Broun Avenue eastbound, and right turn from Broun Avenue westbound are currently closed. Traffic is currently on a temporary alignment with lane closures in place, as required.



*Morley Station carpark footings*

## Noranda Station

### Noranda Station car park

June was a busy month at Noranda Station with now well over half of storm trap units and footings installed. In July we will continue installing underground storm trap units, retaining walls and drainage for the car park. As we progress these works there will be bulk excavation and backfilling required. Some of these works will be noisy, and you may feel vibrations. We apologise for any inconvenience.

### Benara Road underpass and roadworks

Work to build the southern half of the Benara Road underpass will get underway in July. Traffic will be switched to the northern half of Benara Road in early-July and will remain reduced to one lane in each direction, with speeds reduced to 40km/h until late 2023. Pedestrians will also be switched to travel on the northern side of Benara Road. During this stage, the right turn from Mahogany Road to Benara Road will remain closed. Motorists will need to complete a u-turn to head westbound at the pre-existing u-turn for the duration of these works. To switch traffic, we will close Benara Road between Della Road and Mahogany Road for one night. Further information will be provided via the project website and Facebook page. Works will involve some minor clearing south of Benara Road and excavation. During these works there will be dust, vibrations and noise. We will work to minimise impacts as much as possible.



*Noranda Station progress*

## Tonkin Highway between Collier Road and Benara Road

In June, we reinstated Tonkin Highway to three lanes of traffic on Tonkin Highway northbound between Collier Road and Benara Road. This month, we will be doing the same for traffic lanes heading southbound. The speed will remain 80km/h as there are ongoing construction works for the METRONET Morley-Ellenbrook Line. While it might appear there are no works occurring it is very important to limit speed to 80km/h to allow trucks and workers to enter and exit the median work area safely. Thank you for your patience while the lane reductions were in place. It has allowed us to complete important upgrade works.

## Water blasting

We will be completing water blasting works at Tonkin Highway in both directions between Collier Road and Redcliffe Bridge; Guildford Road and Great Eastern Highway; Benara Road and on Guildford Road under Tonkin Highway. A water blasting machine is used to remove old line markings and this equipment can be noisy. Water blasting works must occur at night as we need to implement various lane and ramp closures.

## Wet weather

In the winter months, cold temperatures and wet weather can unfortunately impact the timing of our works. There are certain activities that can only be completed during warm, dry conditions. These activities include line marking and asphaltting. Depending on the weather conditions we may need to reschedule works or complete works on a weekend or at night. Pumps may also be deployed to manage water following large storms. While we choose locations aimed to minimise noise, some areas may still experience some noise when the pumps are in use and we do apologise for any disruption.

## Loop cutting work on Tonkin Highway

During July, we will be intermittently working at night on Tonkin Highway between Stanton Road and Great Eastern Highway so we can install services under the asphalt. There will also be loop cutting on Collier Road through Morley Drive throughout July. There will be noise during these works, including the use of an asphalt saw. We understand that noisy work can be disruptive, and we apologise for the inconvenience. If you have any concerns during any noisy works, please call 138 138 (24 hours).

## Out of hours works this month

In July our crews will be working at night (7pm until 7am) in our project area and along Tonkin Highway between Dunreath Drive and Hepburn Avenue. A summary of the works is below.

- Tonkin Highway under Victoria Street Bridge
  - Screen replacement works
- Tonkin Highway southbound Hepburn Avenue to Reid Highway
  - Barrier works and lane and ramp closures
- Tonkin Highway southbound over Redcliffe Bridge
  - Water blasting, barrier works and line marking
- Tonkin Highway between Great Eastern Highway and Dunreath Drive
  - Line marking, water blasting and barrier works
- Guildford Road and Railway Parade bridges
  - Water blasting, line marking, barrier works and lane and ramp closures
- Great Eastern Highway between Lyall Street and Tonkin Highway
  - Gantry install
- Tonkin Highway under Broun Avenue Bridge
  - Directional drilling
- Guildford Road and Railway Parade over Tonkin Highway
  - Streetlight installs

### What can I expect?

- Our work activity and vehicle movements may be noticeable across all areas. Noise and vibration management measures are in place, including use of the quietest equipment reasonably available.
- High noise level equipment will be located away from residential areas, and noisiest activities scheduled to take place earlier in the night. Work will be in accordance with a noise management plan approved by your local government authority. If you have concerns, please call 138 138 (24 hours).

### For more information on Tonkin Gap

**W:** <https://www.mainroads.wa.gov.au/tonkin-gap/>

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

**T:** 138 138 (24 hours)

**FB:** <https://www.facebook.com/groups/tonkingap/>

### For more information on the Morley-Ellenbrook Line

**W:** [www.metronet.wa.gov.au](http://www.metronet.wa.gov.au)

**E:** [info@metronet.wa.gov.au](mailto:info@metronet.wa.gov.au)

**T:** 08 9326 3666

**FB:** <https://www.facebook.com/groups/morley.ellenbrook>