

Start of tunnelling work at Gatelys Road Tunnel

Coffs Harbour bypass

January 2024



Australian Government



Transport for NSW acknowledges the Gumbaynggirr people as the Traditional Custodians of the lands on which we work and pays respect to Elders past and present.

The Australian and NSW Governments are funding the \$2.2 billion, 14-kilometre Coffs Harbour bypass project. The bypass will boost the regional economy and improve connectivity, road transport efficiency and safety for all motorists.

The Coffs Harbour bypass project team is starting tunnel portal preparation work at the Gatelys Road Tunnel from **Monday 15 January 2024**. This work will be carried out during approved construction hours except for some shotcrete work which may be completed from 7am to 8am and 1pm to 6pm on Saturdays.

For more information on how we are building the three tunnels on the Coffs Harbour bypass, please read our tunnelling fact sheet online.

What work are we doing?

Preparatory work at the northern and southern portals must be completed before controlled blasting and 24/7 operations can begin. This work includes:

- Installing horizontal piles and steel arch frames to support the tube canopy
- Stabilising the top exterior of the tunnel portals with bolts and reinforced shotcrete
- Excavating the entrance to the tunnel portals
- Installing noise attenuation barriers once the team has excavated about 30 metres into the portals
- Establishing a temporary work site
- Building a temporary water treatment plant

- Installing a ventilation system and air quality monitoring
- Installing environmental controls
- Building site access and internal roads.

When and where we'll be working

Portal preparation work will be completed from **Monday 15 January to mid-March 2024**. This work will generally be carried out during approved construction hours which are **7am to 6pm, Monday to Friday and 7am to 1pm, Saturday**.

The work to build the Gatelys Road Tunnel is between West Korora Road and Mackays Road. We have provided a map of the location.

Next steps

After the portal preparation work is completed, the project team will start controlled blasting and 24/7 operations inside the tunnel. The approved hours for controlled blasting for tunnels is **7am to 6pm, Monday to Friday and 9am to 1pm, Saturday**.

This work will include:

- Excavating and removing rock broken up from controlled blasting
- Spraying shotcrete and installing large bolts onto the walls and ceiling to support and stabilise the tunnel
- Drilling holes in the wall and placing explosives in the holes in preparation for the next controlled blast.

This process is explained in the graphic on the next page.



What will this mean for you?

During portal preparation work, there will be traffic control in place on Mackays Road and West Korora Road. During this work, materials will be transported to site using approved heavy vehicle routes.

Equipment to be used for this work includes excavators, dozers, rollers, trucks, drill rigs and a shotcrete rig.

Managing our impacts

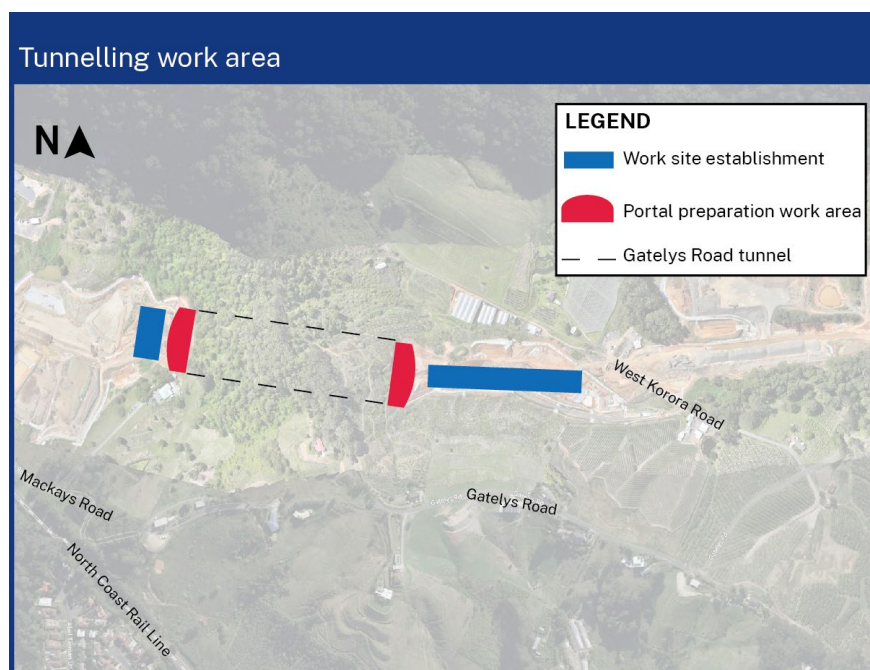
The project's Environment Protection Licence (EPL) sets strict limits for dust and construction noise, and we undertake regular monitoring to ensure compliance.

To minimise noise impacts we will switch off vehicles and equipment when not in use and position equipment as far from residential properties as possible. Water carts will be used to manage dust impacts.

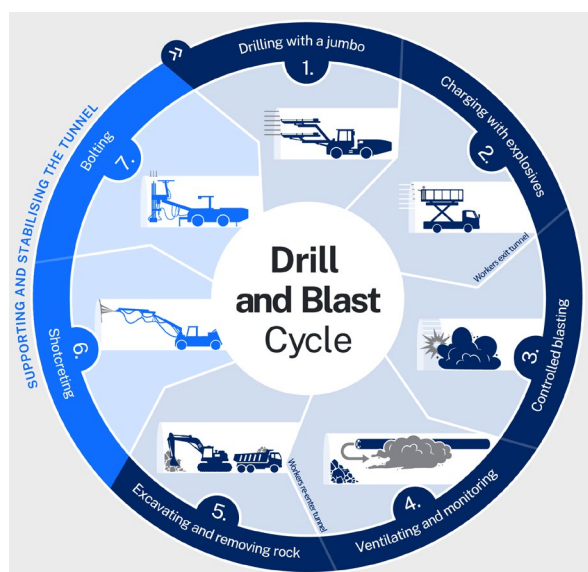
Acoustic barriers/control doors will be installed at the tunnel portals once the team has excavated about 30 metres into the tunnel.

Rock and soil removed from the tunnels will be used within the project boundary to build up and fill in lower lying areas.

Location



Drill and blast cycle



Looking ahead

Upcoming construction work in this area includes:

- Carrying out bulk earthworks and installing culverts and drains between
- Shotcreting at the Shephards Lane and Gatelys Road tunnels portals both during and outside of approved construction hours
- Controlled blasting between Mackays Road and the Gatelys Road Tunnel southern portal
- Construction truck haulage with traffic control on Mackays Road between Shephards Lane Tunnel northern portal and Gatelys Road Tunnel southern portal
- Out of hours truck deliveries to working areas on Mackays and West Korora roads and Shephards Lane
- Out of hours refuelling and plant and machinery maintenance

- Out of hours internal haulage route and environmental controls maintenance
- Out of hours concrete deliveries and pouring
- Installing and relocating fencing
- Revegetating areas within the project boundary
- Building and maintaining environmental controls.

More information

Visit our website to read factsheets with more information about:

- Controlled blasting
- Dust and air quality management
- Noise and vibration management
- Safety in construction.

Contact us



Project information and 24-hour construction response line **1800 550 621**



View our **community information van** timetable



community@CHBteam.com.au



For the latest traffic updates:
Call 132 701, visit livetraffic.com or download the app Live Traffic NSW



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Interpreter service
For languages other than English call 131 450



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