



September 2023

Bored piling near Bruxner Park Road, Korora for the Coffs Harbour bypass

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.

As part of construction, the Coffs Harbour bypass team is starting bored piling for the two bridges for the Korora Hill interchange. Bored piling at this site will begin on **Monday 25 September 2023** and will take about **two months** to complete, weather permitting.

We are building 29 piles in this location with each pile taking generally about eight hours to complete. Bored piling will be carried out during approved construction hours. This work will involve:

- Building pads to create stable footings for piling rigs to sit on
- Transporting piling rigs to site via the Pacific Highway and Bruxner Park Road
- Drilling through soil and rock in the ground with piling rigs to form the pile holes
- Installing steel reinforcement cages into the holes
- Delivering concrete from the project's batch plant on Englands Road, North Boambee
- Pouring concrete into the pile holes to build the piles
- Using pneumatic drills (jackhammers) to remove concrete overpour
- Stockpiling soil and rock and transporting it for use on other areas of the bypass.

For more information on bored piling, read our factsheet at pacifichighway.nsw.gov.au/coffsharbourbypass.

How will the work affect you?

We are using bored piles instead of driven piles which means we will drill holes for the piles rather than hammering them into the ground. This approach helps us break through the hard argillite rock in the Coffs Harbour area and is not as disruptive for nearby residents and businesses because it creates less noise and vibration.

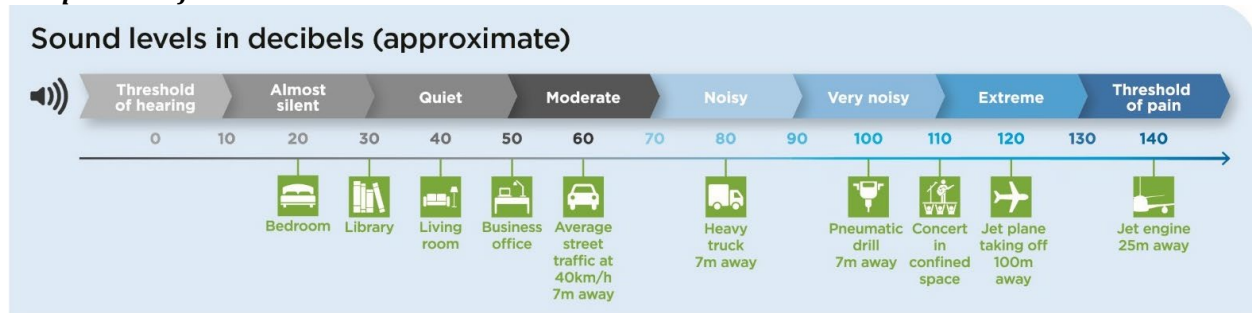
The equipment and machinery we will use for piling may include a piling rig, a crane, pneumatic drill (jackhammer), concrete trucks and heavy vehicles to transport soil and rock.

Moderate, consistent noise will be heard from the piling rig when it is drilling. Louder clangs will occur towards the end of the digging operation to remove material from the rig's drill piece. To remove excess concrete, we will use a pneumatic drill (jackhammer) which is noisy.

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

We will position plant and equipment as far from nearby neighbours as possible during piling work and will schedule respite periods, as required.

Comparison of noise levels



Concrete deliveries will be made via the Pacific Highway and Bruxner Park Road. Temporary traffic control will be in place to assist with these movements across Bruxner Park Road and West Korora Road. Motorists can expect reduced speed limits and delays of up to five minutes.

Location of work



Safety

Coffs Harbour bypass is continuing major construction with active working sites across the alignment. We have started, and will continue, to be using large plant and equipment across our sites as well as carrying out controlled blasting, hammering and drilling. For the safety of the community and our workers, access to the bypass construction site is restricted to authorised personnel only. Members of the public should not enter any Coffs Harbour bypass construction site at any time.

Road work speed limits will be in place throughout construction of the bypass. Motorists must obey these reduced speed limits at all times for the safety of all road users, the community and the workers. For more information about the importance of motorists' driving to speed limits and conditions, read our speed factsheet at transport.nsw.gov.au/system/files/media/documents/2023/speed-fact-sheet.pdf.

Approved construction hours

The approved construction hours for this project are:

- **Monday to Friday from 7am to 6pm**
- **Saturday from 8am to 1pm.**

Looking ahead

Upcoming construction work in this area includes:

- Start of bridge construction for the new Luke Bowen Footbridge at Korora in October 2023
- Earthwork along the alignment – this may include extended hours on Saturdays which will be notified separately
- Out of hours vegetation removal on the western side of the Pacific Highway at Korora
- Out of hours work to relocate the intersection of the Pacific Highway and Campbell Close about 500m north
- Out of hours work to remove the median strip from south of Korora bus interchange to north of Old Coast Road
- Out of hours traffic switch to move northbound Pacific Highway traffic east to allow construction of the new northbound carriageway
- Start of blasting at the cut sites to the north and south of Gatelys Road tunnel during approved construction hours
- Out of hours truck deliveries to working areas on James Small Drive (south), Bruxner Park Road, West Korora Road and Mackays Road
- Out of hours refuelling and plant and machinery maintenance along the alignment.

We apologise for any inconvenience and thank you for your patience as we build this important project which will boost the efficiency and safety for local and interstate motorists.

Subscribing to the project

The Coffs Harbour bypass electronically distributes weekly updates with information about our construction including traffic changes, out of hours work and controlled blasting to keep the community and motorists informed. If you would like to be added to our electronic distributions, please send us a request to subscribe with your name, contact details and address to community@chbteam.com.au.

Community information van

- Korora Oval, Trevally Street on 19 September 2-4:30pm.
- Sportz Central, Bray Street on 25 September 12-2:30pm.

Contact

If you have any enquiries and complaints, please contact the project team on 1800 550 621 or community@chbteam.com.au

Translating and interpreting service



If you need help understanding this information, please contact the Translating and Interpreting Service on 131 450 and ask them to call us on 1800 550 621