

Notification – Pymont East Shaft Excavation

February 2024

The NSW Government is delivering Sydney Metro West – a new underground metro railway which will double rail capacity between Parramatta and the Sydney CBD, link new communities to rail services and support employment growth and housing supply.

Upcoming work

Two shafts are being excavated at Pymont East and Pymont West construction sites. Shaft excavation is vertical excavation of the ground using machinery to progressively break up and remove ground material. We'll be excavating the shaft to a depth of 35 metres.

In February, the first stage of excavation will commence for the Pymont East shaft in Work Area 1 (shown in map overleaf). Steel platforms that form part of the base of the acoustic shed will be installed by lifting them into place with the tower crane. The first stage of shaft excavation is required to allow tunnelling machinery access underground to start the construction of the Pymont Station Cavern.

During the first stage of shaft excavation, current site establishment activities will continue by installing ground support and building retaining walls. As these activities progress and areas are complete, work will begin building an acoustic shed. This is expected to take approximately two months to build.

Main shaft excavation (Work Area 2) will start from mid-2024 and continue until late 2024.

Activities will involve:

- Installing steel platforms using the tower crane to form part of the acoustic shed
- Using machinery and equipment such as rock hammers, excavators, rock breakers, vibratory rollers and concrete saws.
- Installing ground support known as rock anchors
- Installing steel and pouring concrete
- Removing spoil and materials from the worksite
- Regular truck movements to and from the worksite.

Work on site is scheduled between **7am to 6pm, Monday to Friday** and **8am to 6pm Saturdays**.

What to expect

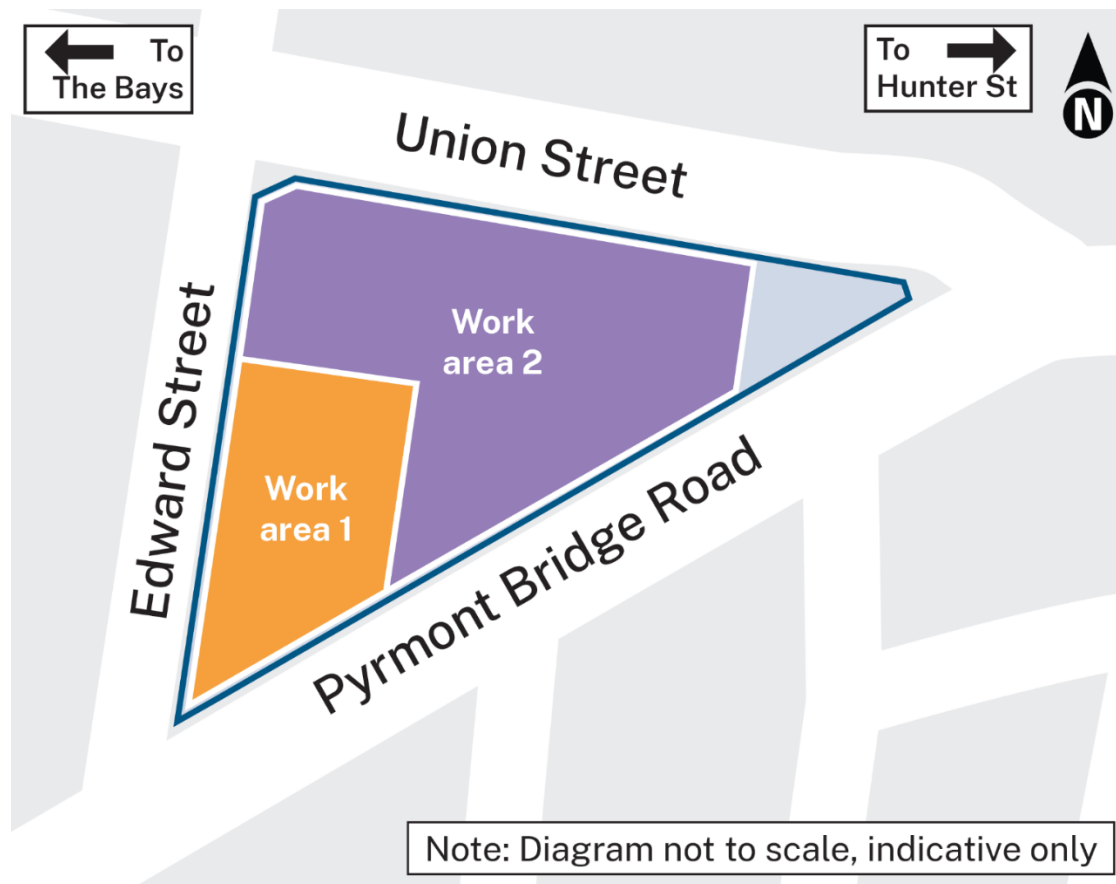
High noise levels are expected to be generated during shaft excavation. We expect these noise levels to be more noticeable at the start of hammering activities, when machinery is located closer to the surface, until we reach approximately 10 metres in depth. As excavation progresses and machinery is further into the shaft, noise levels at surrounding properties is expected to reduce.

Some vibration may be experienced at nearby properties. Vibration monitors installed around the site measure levels to ensure they remain within approved levels.

Respite periods

Respite periods will be implemented for shaft excavation activities that generate high noise impacts such as rock hammering. High noise activities will be scheduled between **8am to 2.30pm, Monday to Saturday**. Outside of these hours, construction activities that generate lower noise levels will continue.

Shaft excavation area



Contact us

Please contact JCG Community team on **1800 612 173** if you have any questions or would like to provide feedback about the work.

We will continue to keep you updated on the progress of work in your area. If you would prefer to receive updates by email, please send a request to MetroTunnelsJCGJV@transport.nsw.gov.au and we will add you to the distribution list.

Contact us



24-hour Project Infoline **1800 612 173**



MetroTunnelsJCGJV@transport.nsw.gov.au



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