

EPL 21278 - Community agreement summary for upcoming evening and night-time pile coring and concrete pours

June 2022

As part of the M4 cut and cover westbound Stage Two works, the Project will be undertaking pile finishing and FRP (formwork, reinforcement, and concrete pouring) to construct walls of the cut and cover structure. This will in turn facilitate the construction of the M4 inbound lanes into the Rozelle Interchange and the final road alignment for City West Link at the Victoria Road intersection. This work will commence in June 2022.

The project is shortening the overall construction program and duration of daytime pile coring and concrete pours by carrying out some of this work during the evening and night periods between the hours of 6pm to 7am Monday to Friday and, 6pm to 8am Friday to Saturday through a community agreement. Residents who will be impacted by the works were consulted with during the community agreement process in accordance with JHCPB's Environmental Protection Licence (EPL 21278) Conditions L4.11 and E1. Agreement was reached with a substantial majority of impacted residents to allow for the works to proceed out of hours. Further information about the work including a map showing the proposed location of pile finishing and FRP work, is provided below in "Outline of community agreement construction work". Evening and night-time pile finishing and FRP works are proposed to start in June 2022 and continue for up to fourteen weeks.

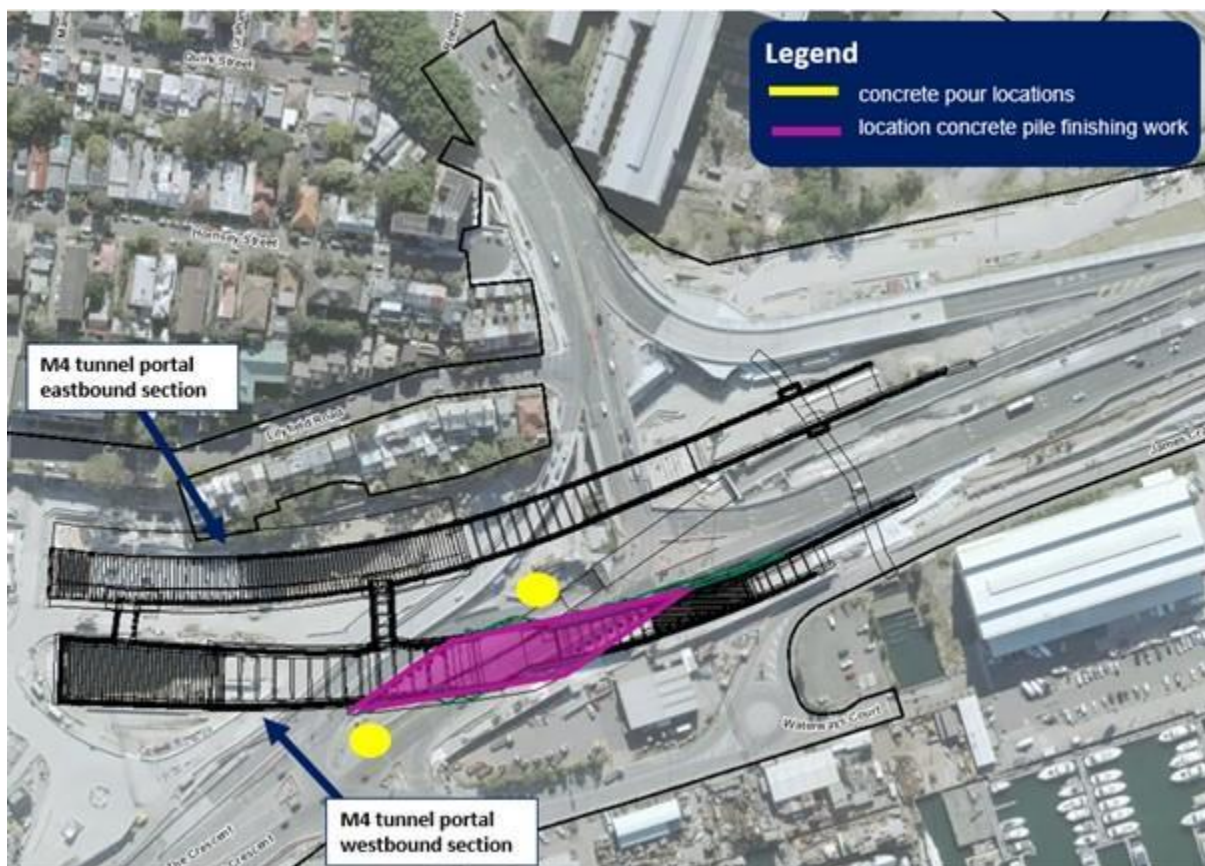
Outline of community agreement construction work

Pile finishing work- this activity will happen for approximately two weeks immediately after completing the current piling scope and involves excavation, pile coring (drilling small holes), splitting and then removing the top of the piles. This request for agreement relates specifically to the **pile coring component** of this work. There will be no rock hammering or removal of pile tops during evening or night-time shifts.

Formwork, reinforcement and concrete pouring (FRP) - once the piling activity is complete we'll then begin to build the tunnel entrance structures using FRP methodology. During this work steel reinforcement and formwork will be installed into multiple sections and tied prior to pouring concrete to form the concrete structure. This request for agreement relates specifically to the action of the **concrete pours** associated with this work.

Equipment to be used during the work includes but is not limited:

- **Concrete pile coring work** – hand held tools including a coring drill and a small generator
- **FRP concrete pours** – concrete agitator trucks, up to two concrete pumps and at-source lighting towers



Other night work

In the weeks prior to, during, and proceeding evening and night-time pile finishing and FRP work, regular night work will continue on Victoria Road, The Crescent and City West Link and may be heard by residents on Lilyfield Road. Work will continue to be scheduled up to three nights per week (up to two consecutive nights at a time) and up to 10 nights per calendar month, between Mondays and Fridays.

There is currently no out-of-hours work scheduled to take place on Saturday or Sundays during this time. The project provides a three-month night work lookahead on our construction portal (map below) as well as more detailed information in our weekly Wednesday update about confirmed night work activities. If you're not already receiving the weekly email update, please subscribe by contacting info@rozelleinterchange.com.au

An ongoing three-month night work lookahead can be found here: <https://caportal.com.au/tfnsw/>



The expected impacts

The noisiest activity is expected to be the concrete agitator located on the Crescent discharging concrete into cut and cover walls. While predicted noise levels from evening and night-time pile finishing and FRP work are relatively minor and indicate an increase of only a few decibels above current noise levels, the levels are predicted to be higher than we are permitted to generate in this area under our Environmental Protection Licence (EPL).

Noise levels at the external façade of impacted properties from the proposed work are expected to fall between 50dBA similar to a floor fan operating, and 60dBA similar to an air-conditioning unit operating. During the proposed evening and night-time pile finishing and FRP work, regular day and night-work will continue inside the Rozelle Rail yards, on Victoria Road and City West Link. It is expected that some of these activities will continue to generate high levels of noise, with the proposed evening and night-time pile finishing and FRP work, works being in addition to this.

During the first two weeks we will be carrying out noise monitoring to validate the predicted noise levels.

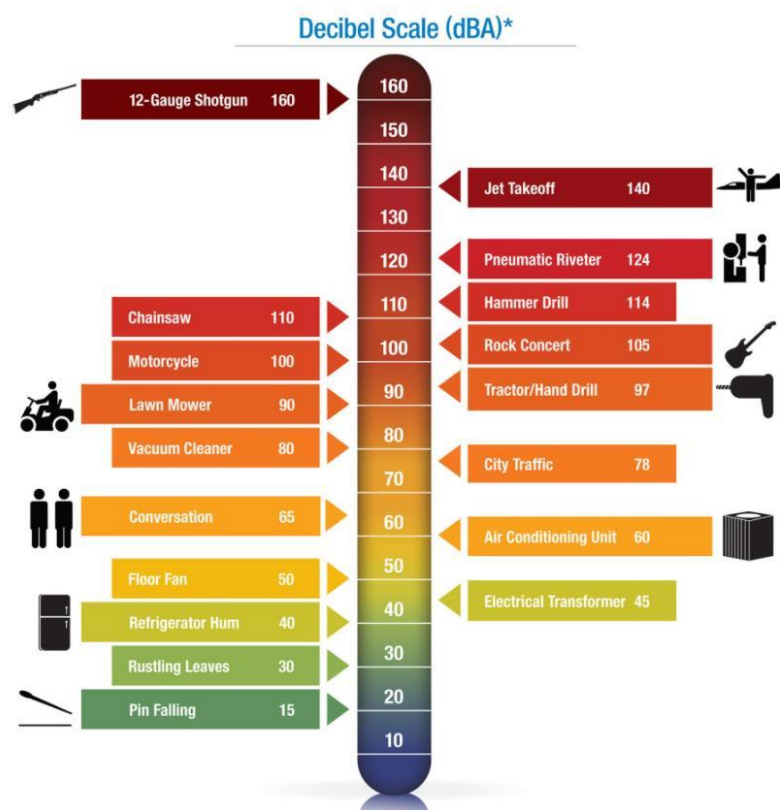


Image from: ACT Deafness Resources Centre 2020