

24 July 2017

## Piling for the Campbell Road Bridge, Alexandria and Mascot

As part of the New M5 project, a new bridge will be built over the canal at 81 Bourke Road linking it to Campbell Road and the new St Peters Interchange, increasing connectivity between Alexandria, Mascot and the West.

### What is driven piling?

In preparation for the Campbell Road Bridge segments to be lifted into place, the team are required to undertake driven piling on both sides of Alexandria Canal. This form of piling helps to reinforce the ground by increasing the connections between soft soil and hard rock, necessary to carry the weight of the bridge segments.

Driven piling involves screwing large concrete cylinders into the ground until they hit rock approximately 15 metres below the surface. A core is then extracted from the rock and the concrete cylinder is lodged into place.

### Timing of work

Piling at Bourke Road is expected to commence from **Monday 31 July 2017 and last approximately six weeks**, weather permitting. The piling will be conducted over two locations on either side of the canal and is expected to take three weeks at each location. A map showing the work areas is provided overleaf.

- Bourke Road side – 31 July – 21 August (indicative only)
- Campbell road side – 21 August – 11 September (indicative only)

This work will generally occur between **7am and 6pm from Monday to Friday and 8am and 1pm on Saturday**. Some work may be required outside of these hours. Businesses will be consulted if work is required outside of these hours.

### Noise and vibration – minimising the impact on businesses

Nearby businesses will likely experience vibration and noise generated by bore piling at this location. Piling is a common technique used in urban areas and if you feel vibration in your property due to construction activity there is no immediate cause for concern. You may also hear a low pitched repetitive sound as the piling rig screws the concrete cylinder into place. The following measures will be in place to reduce the impact on nearby businesses:

- Ongoing vibration and noise monitoring to ensure levels are within allowed limits
- Scheduling regular breaks during noisier piling works
- Programming the work to be completed at each location as soon as possible
- Regular watering to manage the release of any dust.

We understand the inconvenience this activity may cause surrounding businesses and thank you for your patience whilst we carry out this work.

#### For more information



Easing  
congestion



Creating  
jobs



Connecting  
communities

If you have a question about this work, please call **1800 660 248** and ask to speak to a member of the New M5 community engagement team or email [info@newm5.com.au](mailto:info@newm5.com.au). The New M5 Community Information Centre is open during business hours at 27 Burrows Road, St Peters.

Notification Number: 239

### Location of piling work in preparation for Campbell Road Bridge



Location of Driven Piling  
(31 Jul – 21 Aug)



Location of Driven Piling  
(21 Aug – 11 Sept)

\*Dates are indicative only