

10 August 2018  
Ref: N0131c

## NorthConnex – Update on tunnelling in your area

Dear resident,

We write to update you on work to build the NorthConnex tunnel. Excavation of the tunnel is nearing completion, and construction is entering a new phase which includes building the final tunnel lining, fitting out the tunnel with equipment and installing the road pavement.

To prepare for this phase, benching and trenching work is being carried out to refine the tunnel shape. Benching involves removing about two metres of rock from the base of the tunnel to achieve the desired height. Trenching involves excavating troughs to house electrical conduits and drainage. These activities are the last stage of excavation and are well progressed.

Benching and trenching will be carried out intermittently in your area. The work may be noticeable from time to time as the project team moves along various sections of both tunnels for about the next four months. Please see the map in this notification to locate where work might be near you. This work will use roadheaders, surface miners and excavation hammers between 45 and 17 metres underground. The work will be carried out 24 hours a day, seven days a week although as much work as possible will be done during the day. There will also be above ground support activities at the Wilson Road Compound, Pennant Hills and the Trelawney Street Compound, Thornleigh.

### Tunnelling equipment – demobilisation continues

The project will continue to demobilise its major pieces of excavation equipment with the first of the 20 roadheaders removed from site through the Trelawney Street compound on 16 July 2018.

### What to expect

You may have noticed a low frequency rumble when the roadheader was working beneath your property. Benching and trenching works will result in a similar noise level of about 45dBA. By comparison, a normal conversation is about 60dBA and a refrigerator is about 50dBA.

The project team will continue to work with residents to minimise disruptions and we appreciate your patience while we finish excavation.

You can visit [www.northconnex.com.au](http://www.northconnex.com.au) to stay in touch with the latest project information including tunnelling progress and activities in your area. If you have any questions or complaints, please don't hesitate



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to call us on 1800 997 057, email [enquiries@northconnex.com.au](mailto:enquiries@northconnex.com.au) or visit the NorthConnex Community Information Centre at 118 Yarrara Road, Pennant Hills, open Monday to Wednesday from 9am to 1pm.

Yours sincerely,

**NorthConnex Project Team**



The first roadheader being demobilised



Benching - excavation of tunnel base



Trenching - excavation of troughs to house services

Saw cutting and trenching - August to November

Saw Cutting to Complete  
Trenching to Complete

