Automatic Train Protection Project

COMMUNITY NOTIFICATION May 2018

Transport for NSW is boosting safety across the electrified rail network by delivering new Automatic Train Protection (ATP) technology.

The technology will provide real-time information about speed limits and signal locations to train drivers and network operations teams.

ATP will provide additional safety benefits and more reliable services by ensuring trains operate within the permitted speed limit.

The system is being installed on train fleets and across our electrified rail network.

This includes:

- installation of balises (electronic transponders) in the rail corridor between existing trackside infrastructure to monitor train speeds
- installation of equipment on board all suburban and Intercity train fleets that will continually collect information such as the train's speed, distance and direction.

ATP is being rolled out across the Sydney Trains and NSW TrainLink electrified network including the South Coast Line as far as Kiama, the Blue Mountains Line to Lithgow, and the Central Coast / Newcastle Line. Downer is installing ATP between Berowra Station and Newcastle Interchange on behalf of Transport for NSW.

Upcoming activities

Site investigation work between Berowra and Newcastle Interchange including excavation to locate underground services within the rail corridor will start from 28 May.

Construction work including the installation of signalling equipment and cables is expected to start in June and continue throughout the year.

What equipment will be used?

Equipment will include, but is not limited to, excavators, vacuum trucks, light vehicles, trucks and hand tools.

All works will be undertaken within the rail corridor and have been planned to minimise impacts on local residents.
What to expect

You may notice site personnel, vehicles and equipment within the rail corridor. Existing gates will be used to access the rail corridor.

Work may be noisy at times. We will aim to minimise noise by:

- turning off machinery when not in use
- providing one hour break after every three hours of work during the highest noise generating work
- using non-tonal reversing beepers on all machinery
- positioning any noisy equipment as far away as possible from residents and businesses.

When will work take place?

The majority of work will be carried out during normal work hours, **7am to 6pm Monday to Friday and Saturday from 8am to 1pm**. For the safety of staff and passengers, some work will be completed outside normal work hours. We will keep nearby residents and businesses informed about upcoming work activities via letterbox notifications and updates on our website.

How can I find out more?

For the latest information please check the website www.transport.nsw.gov.au/projects or call 1800 684 490. For urgent enquiries or complaints, call our 24-hour construction response line on 1800 775 465.

*Picture of a ‘balise’ – an electronic transponder that monitors train speeds.*