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.

**Project overview**

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.

**Weekend work – Saturday 13 October and Sunday 14 October 2018**

Installation of signalling equipment and cables will take place at Broadmeadow Station from 7am to 6pm Saturday and Sunday 13 and 14 October.

To ensure the safety of our customers and staff, this work will be completed during a scheduled Sydney Trains trackwork weekend. Train services will be affected. Please contact Transport Info on 131 500 or visit transportnsw.info for more information about replacement bus services.

**Construction hours**

Standard construction hours are 7am to 6pm Monday to Friday and 8am to 1pm Saturday. For the safety of customers and our staff, some work will be required outside these hours. We will notify the local community and businesses prior to this work taking place.
What you may notice

Equipment to be used includes excavators, hand tools, vacuum trucks and light vehicles. This work maybe noisy at times however we will take all possible steps to reduce noise such as turning off machinery when not in use.

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

Keeping the community informed

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

Thank you for your patience and understanding while these works take place.

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