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

Project overview

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

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

The system 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.

Upcoming activities at Waterfall

From 7am to 6pm on Saturday 29 June and Sunday 30 June, we will be working within the rail corridor to locate underground services, excavate under track crossings and install new conduits (tubing used to run wiring).

We will also be drilling a hole in the retaining wall to allow for placing conduits into the existing metal trough at the other side of the wall. The conduits will be fed with rope to ensure they are ready for cable pulling.

Cabling will be installed from the signalling equipment to the existing electronic installations.

Please see map of works area overleaf. This work will take place during a scheduled trackwork weekend, when no trains will be operating. Please contact Transport Info on 131 500 or visit transport.nsw.info for more information about replacement bus services.

What you may notice

Equipment used during the work activities include a sucker truck, two dump trucks, two 5 tonne excavators, compactor, hand tools, core drill and work vehicles.

This document contains important information about public transport projects in your area. If you require the services of an interpreter, please contact the Translating and Interpreting Service on 131 450 and ask them to call Transport for NSW on (02) 9200 0200. The interpreter will then assist you with translation.

For more information call 1800 684 490, Email projects@transport.nsw.gov.au or visit transport.nsw.gov.au/projects
For urgent enquiries or complaints regarding construction activities, please call 24 hours 1800 775 465
Transport for NSW is committed to minimising noise impacts on the community. We switch off equipment when it is not being used, place equipment as far away from properties as possible and monitor our work activities to make sure noise levels are being managed effectively.

We do not anticipate for the machinery to be in use for the full duration of the work.

**Keeping the community informed**

If you would like to speak with the project team about these works, please contact us through the details provided below. Thank you for your patience during these important works.

**Map of the work area – Waterfall**

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