Automatic Train Protection Project

JULY 2018 COMMUNITY NOTIFICATION – COCKLE CREEK

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.

Project overview

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

Construction hours

Standard construction hours are 7am to 6pm Monday to Friday and 8am to 1pm Saturday. Some work may be required outside these hours however the local community and businesses will be notified prior to work taking place.

How the works will impact you

We will be working at the rear of your property within the rail corridor to install a permanent above ground signalling cable route. These works will impact your ability to open any access gates located at the rear of your property that open into the rail corridor.
What you may notice
Equipment to be used includes an excavator, vacuum truck, trench compactor and hand tools. This work may be noisy at times however we will take every possible measure to reduce noise such as turning off machinery when not in use.

Keeping the community informed
If you would like to speak with the project team about this work, please contact us at the details provided below. Thank you for your patience and understanding during this work.

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