

# SAFE Notice

0044-17

2017

## Ganmain Level Crossing Upgrades

### Implementation

From 0600hrs to 1800hrs Tuesday 16<sup>th</sup> January 2018, the following infrastructure changes will be implemented at Ganmain.

### Lake Street Level Crossing

EXISTING INFRASTRUCTURE	CHANGES TO INFRASTRUCTURE
Lake Street passive level crossing located at 538.083km.	Upgraded to type F level crossing, flashing light assemblies, warning bells and booms.
	A new level crossing down approach sign, will be located at 537.068km on the Main line.
	New Axle Counter signs will be located at: <ul style="list-style-type: none"> <li>• Down direction at 537.267km</li> <li>• Down direction at 538.067km</li> <li>• Up direction at 538.099km</li> <li>• Up direction at 539.088km</li> </ul>
	New manual operation switch box, test switch box, emergency switch box and axle counter reset box (located on the side of the level crossing hut at 538.083km).
Frame D located at 538.111km	Installation of a duplex lock to Frame D
Frame B located at 538.821km	Installation of a duplex lock to Frame B
	New MLIs will be located: <ul style="list-style-type: none"> <li>• D MLI and Pushbuttons in the Down direction at 538.067km</li> <li>• X MLI and Pushbuttons in the Up direction at 538.099km</li> <li>• B MLI in the Up direction at 539.090km</li> </ul>
	A new level crossing UP approach sign, will be located at 539.088km on the Main line.
	A new advisory sign "SHUNTING TRAINS TAKE KEY FROM DUPLEX LOCK BEFORE PROCEEDING PAST THIS POINT, will be located at 539.088km on the Main line.

## **Manual Operation of Level Crossing warning equipment**

A manual operation switch is installed on the side of the level crossing equipment hut and available for use by Qualified Workers in accordance with the requirements detailed in the JHR Network Rule CNGE 218 Type F Level Crossing Management.

The manual operation switch must be kept closed and secured by an SL lock when not in use.

## **Testing of Level Crossing Warning equipment**

The level crossing will be remotely monitored from the Network Management Centre Mayfield, and tested by 4Site control system.

## **Emergency operation of the Level Crossing warning equipment**

Emergency switches are provided to isolate the warning equipment in the event of a failure. The "Emergency Switch Box" is located on the level crossing equipment hut and is opened by the keys obtained from the JHR CRN West Wyalong Maintenance Depot or Signal Maintenance Staff.

The warning equipment must be operated in accordance with JHR Network Rule CNGE 218 Level Crossing Management, Network Procedure CNPR 715 Protecting Type F Level Crossings and CNPR 717 Using emergency roadside equipment.

## **Axle Counters**

Axle counters are installed to automatically activate the Level Crossing warning equipment. In the event of an axle counter failure, the axle counter can be reset from the axle counter reset box by a suitably qualified worker trained in the reset procedures.

## **General Arrangements**

All work must be carried out in accordance with the relevant JHR Network Rules and Procedures.

Infrastructure Booking Authority form (CNRF 003) must be compiled in accordance with the JHR Network Rule CNWT 312 Infrastructure Booking Authority and Network Procedure CNPR 704 Using Infrastructure Booking Authorities.

Work planned for the Rail Corridor must be assessed for safety and its potential to intrude on the Danger Zone.

## **JHR CRN Web site**

All relevant publications are available on the JHR CRN website [www.jhrcrn.com.au](http://www.jhrcrn.com.au).

**Mayfield, 12 December 2017**

**Manager Network Operations  
Mayfield Network Management Centre**