

SAFE Notice

0043-17

2017

Marrar Level Crossing Upgrades

Implementation

From 0600hrs to 1800hrs Tuesday 30th January 2018, the following infrastructure changes will be implemented at Marrar.

Marrar North Road Level Crossing

EXISTING INFRASTRUCTURE	CHANGES TO INFRASTRUCTURE
Marrar North Road passive level crossing located at 508.522km.	Upgraded to type F level crossing, flashing light assemblies, warning bells and booms.
	A new level crossing down approach sign, will be located at 507.711km on the Main line.
	New Axle Counter signs will be located at: <ul style="list-style-type: none"> • Down direction at 507.588km • Down direction at 508.500km • Up direction at 508.532km • Up direction at 509.486km
	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 508.522km).
Frame B located at 508.538km	Installation of a duplex lock to Frame B
Frame D located at 509.476km	Installation of a duplex lock to Frame D
	New MLIs will be located: <ul style="list-style-type: none"> • B MLI and Pushbuttons in the Down direction at 508.500km • X MLI and Pushbuttons in the Up direction at 508.532km • D MLI in the Up direction at 509.487km
	A new level crossing UP approach sign, will be located at 509.486km on the Main line.
	A new advisory sign "SHUNTING TRAINS TAKE KEY FROM DUPLEX LOCK BEFORE PROCEEDING PAST THIS POINT, will be located at 509.486km 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.

Mayfield, 12 December 2017

**Manager Network Operations
Mayfield Network Management Centre**