

Notice type	National Notice
Title	NCCS - Red Bend - Wongajong Road Level Crossing Upgrade

AFFECTED AREA

Network Control	Control Centre NCCS (Junee) Boards TOCO
Network Area	Corridor Stockinbingal to Parkes Locations Forbes Kilometrage 591.511 - 593.905 km

EFFECTIVE PERIOD

Date and time	From/at Mon, 28 Sep 2026 06:00 AEST	To Sat, 27 Mar 2027 07:00 AEDT
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REFERENCE DOCUMENTS

Other notices	Empty
Train Alteration Advice	Empty
Route Access Standards	Empty
NIBs	OGW-30-01

OPERATING CONDITIONS (GENERAL DETAILS)

Between 0600hrs 28th September 2026 and 1800hrs 28th September 2026, or until the works are completed, Infrastructure Projects will undertake the following infrastructure alterations and upgrades at Red Bend (Forbes):	
• Upgrade to Wongajong Road Level Crossing (592.670km). ◦ The Type D passive crossing with roadside stop warning signs will change to a Type F active crossing with flashing lights, bells and booms. • Installation of level crossing Shunter's Pushbuttons. • Installation of three (3) new Main Line Indicators. • Removal of existing Mechanical Point Indicators. • Installation of axle counters. • Installation of level crossing and axle counter signage.	

SIGNALLING & INDICATORS

The following new infrastructure will be installed, commissioned and booked into use:

ID No.	Track	Facing Direction	KM	Description / Form & Signal Aspects / Additional Details
A MLI	Main	Down	591.511	Three (3) aspect MLI. • Clear – Pulsating White • Caution – Yellow • Stop – Red
Y MLI	Main	Down	592.561	Three (3) aspect MLI. • Clear – Pulsating White • Blank • Stop – Red
B MLI	Main	Up	592.791	Two (2) aspect MLI. • Clear – Pulsating White • Stop – Red

SIGNALLING & INDICATORS

The following new infrastructure will be installed, commissioned and booked into use:

Equipment	Kilometres	Description / Additional Details
Pushbutton	592.561	Y MLI Pushbutton. • Clear - for setting to proceed aspect • Cancel - for restoring to stop Mounted to a post adjacent to the Y MLI.
Pushbutton	592.791	B MLI Pushbutton. • Clear - for setting to proceed aspect • Cancel - for restoring to stop Mounted to a post adjacent to the B MLI.

TRACKSIDE SIGNAGE			
The following existing infrastructure will be booked out of use and permanently removed:			
Signage Type	Track	Current KM	Description / Additional Details
Point Indicator	Main	591.638	Removal of Mechanical Point Indicator Sign at A Frame. No longer required due to installation of A MLI.
Point Indicator	Main	592.659	Removal of Mechanical Point Indicator Sign at B Frame. No longer required due to installation of B MLI.

TRACKSIDE SIGNAGE

The following new infrastructure will be installed, commissioned and booked into use:

Signage Type	Track	Facing Direction	New KM	Description / Additional Details
W7-4B	Main	Down	591.511	Wongajong Road Level Crossing approach warning sign for down direction rail traffic. Adjacent to A MLI location.
W7-4B	Loop	Down	592.608	Wongajong Road Level Crossing approach warning sign for down direction rail traffic departing from the Loop Line through B Frame.
W7-4B	Main	Up	593.905	Wongajong Road Level Crossing approach warning sign for up direction rail traffic.
Axle Counter	Main	Down	591.511	Axle Counter sign. Will be affixed to the W7-4B sign at this same location.
Axle Counter	Loop	Down	592.608	Axle Counter sign. Will be affixed to the W7-4B sign at this same location.
Axle Counter	Main	Down	592.661	Double sided Axle Counter sign. Will be affixed to the RRV Prohibitive Sign at this same location.
Axle Counter	Main	Up	592.691	Double sided Axle Counter sign. Will be affixed to the RRV Prohibitive Sign at this same location.
Axle Counter	Main	Up	593.905	Axle Counter sign. Will be affixed to the W7-4B sign at this same location.
Stop Sign	Loop	Down	592.608	Stop Sign for rail traffic departing the Loop in the up direction. Will be placed adjacent to the W7-4B and Axle Counter signage.
Prohibitive Sign	Loop	Down	592.608	Sign to remind Rail Traffic Crews to ensure the level crossing warning is active for the Wongajong Road Level Crossing before they proceed any further forward. Reads - <i>"Operate Level Crossing Before Proceeding"</i> Will be affixed to the Stop Sign at this same location.
Prohibitive Sign	Main	Down	592.661	Sign to Competent Workers operating Road-Rail Vehicles travelling in the down direction that they are not to 'off track' at the Wongajong Road Level Crossing. Reads - <i>"Road-Rail Vehicles must not be placed on or off tracks at this level crossing"</i> Will be affixed to the Axle Counter sign at this same location
Prohibitive Sign	Main	Up	592.691	Sign to Competent Workers operating Road-Rail Vehicles travelling in the up direction that they are not to 'off track' at the Wongajong Road Level Crossing. Reads - <i>"Road-Rail Vehicles must not be placed on or off tracks at this level crossing"</i> Will be affixed to the Axle Counter sign at this same location

PERMANENT SPEED SIGNS

The following existing infrastructure will be booked out of use and permanently removed:

Track	Facing Direction	Kilometres	Speed	Description / Additional Details
Main	Down	590.209	10	Removal of the 10km/h 'When Loop Occupied' Level Crossing Warning Sign in advance of the Wongajong Road Level Crossing. No longer required due to the associated level crossing upgrades. Return to normal track speed based on other existing permanent signage.

TRACKSIDE EQUIPMENT

The following existing infrastructure will be altered:

Equipment	Kilometres	Description / Additional Details
Duplex Lock A	591.626	Holds the key to operate Frame A. Once upgraded when the key is removed it will put Y MLI to Stop (red) indication.
Duplex Lock B	592.659	Holds the key to operate Frame B. Once upgraded when the key is removed it will put Y MLI to Stop (red) indication.
Switch Detector	591.626	Frame A (2AA) electrical switch detector.
Switch Detector	592.659	Frame B (2BA) electrical switch detector.

LEVEL CROSSING

The following existing infrastructure will be installed, commissioned and booked into use:

Equipment	Kilometres	Description / Additional Details
Pushbutton	592.561	Shunters Pushbutton for Wongajong Road Level Crossing. Mounted to a post adjacent to the Y MLI. Post also holds the Y MLI Pushbutton.
Pushbutton	592.608	Shunters Pushbutton for Wongajong Road Level Crossing. Post mounted adjacent to the Loop Line, up side of the level crossing.
Pushbutton	592.791	Shunters Pushbutton for Wongajong Road Level Crossing. Mounted to a post adjacent to the B MLI. Post also holds the B MLI Pushbutton.

LEVEL CROSSING

The following existing infrastructure will be booked out of use and permanently removed:

Signage Type	Kilometres	Description / Additional Details
Stop	592.660	Existing up side of level crossing road traffic left hand roadside placement Stop Sign.
Stop	592.672	Existing down side of level crossing road traffic right hand roadside placement Stop Sign.
Stop	592.660	Existing up side of level crossing road traffic right hand roadside placement Stop Sign.
Stop	592.672	Existing down side of level crossing road traffic left hand roadside placement Stop Sign.

LEVEL CROSSING

The following new infrastructure will be installed, commissioned and booked into use:

Equipment	Kilometres	Description / Additional Details
Half Boom, Bell & Flashing Lights	592.677	Down side RX5 Boom Arm, Warning Bell, Flashing Lights (ABCD).
Half Boom, Bell & Flashing Lights	592.663	Up side RX5 Boom Arm, Warning Bell, Flashing Lights (EFGH).
Flashing Lights	592.678	Up side Auxiliary RX5 Flashing Lights (JK).
Flashing Lights	592.681	Down side Auxiliary RX5 Flashing Lights (LM).
Signaling Equipment Room (SER)	592.681	Signaling location hunt located adjacent to the level crossing.
Test Switch	592.681	In-field test switch - located at SER
Emergency Switch	592.681	In-field emergency switch for road crossing - located at SER
Manual Operation Switch	592.681	In-field manual operation switch - located at SER

TRAIN DETECTION

The following new infrastructure will be commissioned and booked into use:

ID	Kilometres	Track	Description / Details
WGDX2T	591.511	Main	WGDX2T Axle Counter. Main Line strike in point for down direction movements.
WGDX2T	591.683	Siding	WGDX2T Axle Counter. Strike in point for up direction departure from the Siding via Frame A.
WGDX1T	592.561	Main	WGDX1T Axle Counter. Strike out point for down direction movements.
WGDX	592.608	Siding	WGXT Axle Counter. Strike in point for down direction departure from the Siding via Frame B.
WGDX	592.661	Main	WGXT Axle Counter. Strike out point for up direction clearance of the level crossing track.
WGDX	592.691	Main	WGXT Axle Counter. Strike out point for down direction clearance of the level crossing track.
WGUX1T	592.791	Main	WGDX1T Axle Counter. Strike in point for down direction movements.
WGUX2T	593.905	Main	WGUX2T Axle Counter. Main line strike in point for up direction movements.

The following new infrastructure will be commissioned and booked into use:

Equipment	Kilometres	Notes
Reset Panel	592.691	In-field Axle Counter Reset Switch. Located inside the Signalling Equipment Room (SER).

Note: Testing and commissioning of the signalling infrastructure will involve route-setting, signal & aspect testing, and track circuit testing activities.

SAFEWORKING ARRANGEMENTS

All work must be carried out as per the appropriate ARTC Network Rules and Procedures.

As required an Infrastructure Booking Advice (ANRF 003) must be compiled as per ARTC Rules and Procedures NSFW 312 Infrastructure Booking Advice & NSFP 704 Using Infrastructure Booking Advices.

Upon commissioning, the upgraded equipment at Wongajong Road Level Crossing will be remotely monitored by Brodersen. Consistent with the management of other level crossings, the status of this level crossing and any alarms data will be relayed to 4Site, and to the Network Control Alarm Interface (NCAI) on the TOCO Control Board at NCCS Junee.

ADDITIONAL DETAILS

This Notice will serve as an amendment to both the Network Information Book and the Route Access Standard for the infrastructure changes as detailed above, as well as the additional information below.

Amendments to Network Information Book (NIB):**OGW-30-01 – Broken Hill to Stockinbingal (exc) and Bogan Gate to Bogan Gate North****Section 1.7 Level Crossings***Update Table.*

Goobang Junction to Stockinbingal								
	ALCAM ID	Cerberus ID	Road Name	Line Segment	KM	Traffic Type	Access	Control Type
DELETE:	1155		Wongajong Road Red Bend	Stockinbingal - Parkes	592.668	Road	Public	Stop Signs
REPLACE WITH:	1155	230	Wongajong Road Red Bend	Stockinbingal - Parkes	592.670	Road	Public	Half Booms Flashing Lights

Section 2.25 Red Bend (RDB)

REMOVE:	Conditional Level Crossing Speed Limit Sign A Conditional Level Crossing Speed sign of 10 km/hr is installed at 590.209km, If Red Bend siding is occupied by rail traffic, the Down direction rail traffic movement must proceed at 10km/hr until the leading motive power unit has fully cleared the level crossing and may resume the normal speed allowed by the previous permanent track speed sign of 115 km/hr. If there is no rail traffic occupying Red Bend siding, rail traffic may travel up to line speed of 115km/hr, once the Rail Traffic Crew establish that the siding is clear.
ADD:	<i>Under existing subheading</i> General Arrangements Main Line Indicator (MLI) "A" (591.511km) is located city (Stockinbingal) end of A Frame. Main Line Indicator "Y" (592.561km) is located on the city (Stockinbingal) end of the B Frame and Wongajong Road Level Crossing, and Main Line Indicator "B" is located country (Parkes) end of the Wongajong Road Level Crossing. MLIs "B" and "Y" have pushbuttons on posts adjacent to them.
ADD:	<i>New subheading</i> Operation of Points and Main Line Indicators B and Y (MLI) pushbutton panels contain two pushbuttons (Indicator Clear and Indicator Cancel). The MLIs will normally display a pulsating white aspect and when a rail traffic occupies the approach track circuit, the MLI will continue to display a pulsating white aspect provided all other signalling conditions are satisfied. When the pulsating white indications are displayed this will allow rail traffic to pass through Red Bend on the main line at permitted line speed.
ADD:	<i>New subheading</i> Wongajong Road Level Crossing Type F flashing lights, audible warning device and booms are provided at the Wongajong Road Level Crossing at 592.670km. The warning equipment is automatically controlled by axle counters for both Up and Down direction rail traffic. These can be reset from the Axle Counter Reset Panel located on the outside of the Level Crossing Signal Equipment Room (SER). A manual operation switch for use by Competent Workers is also located on the outside of the SER and is to be operated in accordance with ARTC Network Rules and Procedures. The manual operation switch box is unlocked by SL key, and the box must be kept closed and secured by an SL lock when not in use. Emergency Switches for the isolation of the level crossing warning equipment are also located on the outside of the SER. The Emergency Keys are held at the ARTC Provisioning Centre at Parkes. Shunter's Pushbutton units are provided for the manual operation of the level crossing, including for all rail traffic departing or shunting Red Bend Siding from the down (Parkes) end via B Frame. The pushbutton unit is provided in a box inscribed "Shunter's Pushbutton", there are three units, one located on the Siding near B Frame and the other two on the main line located adjacent to Y and B MLIs. When rail traffic is to enter or depart the Siding at the down (Parkes) end, the Competent Worker must unlock the operator's pushbutton unit and depress the "Start" pushbutton for one second, after which the warning equipment will operate, and only then can rail traffic advance over the level crossing. The warning indications for the level crossing will be cancelled automatically when the rear of the movement has cleared the level crossing. If the movement does not proceed, the warning indications must be cancelled by The Shunter's Pushbutton unit must be kept closed and secured by an SL lock when not in use.

	pressing the "Cancel" pushbutton for one second.
AMEND:	Red Bend NIB-T0038 Line Diagram

<u>Amendments to Route Access Standard (RAS):</u> D11 Cootamundra to Goobang Junction			
<u>Section 3 Permanent Speed Restrictions</u>			
<i>Delete from the Existing Table.</i>			
LOCATION	KM	DOWN TRACK	UP TRACK
		NORMAL	NORMAL
	590.209	10 (WLO)	

A copy of the updated Drivers Diagram for Red Bend (Forbes) is provided as an attachment to this Notice.

Recipients must ensure this Notice is circulated to and understood by all personnel affected by, or needing to know, its content. This Notice must be issued to all affected Competent Workers. Competent Workers who receive this Notice must follow the requirements.

CONTACTS

Tom Lee	Project Engineer	0425680341
Adam Lever	Client Site Representative	0447909079

APPROVED BY	Delivery Support Manager South	15/09/2026
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