

### Reinstatement of Non-operational line from West Tamworth to Westdale, addition of Train Order Working section, new private terminal location and conversion of West Tamworth to a Train Order Junction Location.

**To be read in conjunction with CTN 0330-2021**

#### Implementation

Commencing at 1900hrs on Sunday 26<sup>th</sup> September or until works are complete, the following signaling, and infrastructure alterations are to occur at West Tamworth and Westdale.

#### General

The following assets will be altered at **West Tamworth**, located on the Werris Creek to Armidale corridor:

EXISTING INFRASTRUCTURE	NEW AND ALTERED INFRASTRUCTURE
West Tamworth Train Order Siding location	West Tamworth will be converted to a Train Order Junction Location.
West Tamworth Down Location sign at 447.202km	Signage 'JUNCTION' to be installed.
West Tamworth Up Location sign at 456.595km	Signage 'JUNCTION' to be installed.
Nil	'Z' MLI to be installed at 450.939km facing Up direction traffic. Axle counter and signage to installed at 450.939km
'M' mechanical ground frame at 452.440km	Mechanical Point Indicator (MPI) to be installed on Down-side of line at 452.440km
'K' mechanical ground frame at 452.527km	Duplex lock to be installed to be able to place 'X' MLI to STOP
'K' 'c' points at 452.594km	MPI to be installed on Down-side of line at 452.594km.
Non interlocked points at 452.636km from Marshalling siding to Storage siding No1	Non interlocked points at 452.636km operated by a Thornley lever will be converted to a mechanical 2 lever ground frame to be installed at 452.636km and designated 'H' frame. Ground frame 'H' released by Operator's key. MPI to be installed at 452.636km and Derail to be installed on No 1 Storage Siding. Signage 'DERAIL' to be installed on Storage siding No1. 'H' frame to be commissioned at a date to be advised. Non interlocked points at 452.636km to be clipped, XL locked and spiked in the normal

	position until commissioned.
Non interlocked points at 453.039km from Storage siding No1 to Marshalling siding (Country end)	Non interlocked points at 453.039km operated by a Thornley lever will be converted to a mechanical 2 lever ground frame to be installed at 453.039km and designated 'F' frame. Ground frame 'F' released by Operator's key. MPI to be installed at 453.039km and Derail to be installed on No 1 Storage Siding. Signage 'DERAIL' to be installed on Storage siding No1. 'F' frame to be commissioned at a date to be advised. Non interlocked points at 453.039km to be clipped, XL locked and spiked in the normal position until commissioned.
'N' mechanical ground frame and points at 453.320km and BP siding on Westdale Branch	Permanently removed
'P' mechanical ground frame and points at 453.161km and Barley/Joe White Maltings siding on Westdale Branch	Permanently removed
Passive Pedestrian crossing at 452.548km	Permanently removed
Marshalling siding	To be renamed Westdale Branch
4EA points at 453.049km	MPI and Facing Point Lock to be installed at 453.049km.
4EA points at 453.049km	Red Dumb Bell Point setting indicator to be installed to indicate when points are in the normal position. Yellow Dumb Bell Point setting indicator to be installed to indicate when points are in the reverse position.
Nil	Frame 'Q' single lever frame with Derail device to be installed at 453.080km on Storage Siding No 3. Released by Operator's key. Signage 'DERAIL' to be installed on Storage siding No3.
STOP block on Westdale Branch at 452.168km	Permanently removed
Gunnedah Road passive Level crossing at 453.802km on Westdale Branch	Gunnedah Road level crossing at 453.802km to be upgraded to a Type 'F' level crossing provided with flashing lights, half booms and audible warning devices, Shunters Pushbuttons, Emergency switches, Manual operation switch, test switch and axle counter reset switch.

	<p>Level crossing approach trackside signage is not provided for either direction.</p> <p>Axle counters and signage to be installed at 453.787km for Down movements and 453.817km for Up movements</p> <p>Signage 'STOP DO NOT PASS THIS POINT UNTIL THE LEVEL CROSSING IS ACTIVATED' to be installed at 453.787km for Down movements and 453.817km for Up movements</p> <p>Level crossing ID number 165</p> <p>Signage 'DO NOT PUT ON OR OFF AT THIS LOCATION' to be affixed on the sides of the level crossing hut facing approaching rail traffic.</p>
<p>Nil</p>	<p>Westdale Down Landmark sign to be installed at 454.658km.</p>
<p>Nil</p>	<p>SHUNT LIMIT sign facing Down direction rail traffic to be installed on the Westdale Branch at 454.780km</p>
<p>Dampier Street level crossing, 454.804km on Westdale Branch</p>	<p>Dampier Street level crossing at 454.804km to be upgraded to a Type 'F' level crossing with flashing lights, half booms and audible warning devices, Shunters Pushbutton, Emergency switches, Manual operation switch, test switch and axle counter reset switch,</p> <p>Level crossing standard approach trackside signage is provided for Up direction rail traffic at 454.944km.</p> <p>Level crossing standard approach trackside signage is not provided for the Down direction.</p> <p>Axle counters and signage to be installed at 454.780km for Down movements and 454.819km for Up movements</p> <p>Signage 'STOP DO NOT PASS THIS POINT UNTIL THE LEVEL CROSSING IS ACTIVATED' to be installed at 454.780km for Down movements only.</p> <p>Level crossing ID number 164</p> <p>Advanced warning lights for road traffic are provided and will operate 70 seconds prior to the level crossing beginning to activate.</p> <p>Signage 'DO NOT PUT ON OR OFF AT THIS LOCATION' to be affixed on the sides of the</p>

	level crossing hut facing approaching rail traffic.
Nil	Axle counter to be installed on the Westdale Branch to activate the advanced warning road traffic lights, to be installed at 454.930km.
Nil	Up YARD LIMIT sign and WEST TAMWORTH Up location sign to be installed on the Westdale Branch at 455.295km
Nil	Level crossings will be remotely monitored by the Cerberus Alarm Monitoring System.
Nil	A Train Order Working section will be established from West Tamworth Up Yard limit sign to Westdale BEGIN/END Train Order Working Signs.
Green St Pedestrian crossing at 450.400km	Crossing km updated to 450.384km
Robert Street level crossing at 450.680km	Crossing km updated to 450.720km
Denison Street level crossing at 453.306km	Crossing km updated to 453.298km

The following assets will be installed at **Westdale**, located on the West Tamworth to Westdale corridor:

EXISTING INFRASTRUCTURE	NEW AND ALTERED INFRASTRUCTURE
Nil	STOP, WESTDALE and END TRAIN ORDER WORKING signs facing Down direction rail traffic to be installed at 456.658km
Nil	BEGIN TRAIN ORDER WORKING sign facing Up direction rail traffic to be installed at 456.658km.
Evans Street at 456.807km on the Westdale Branch	Evans Street level crossing at 456.807km to be upgraded to a Type 'F' level crossing provided with flashing lights, half booms and audible warning devices, Shunters Pushbutton, Emergency switches, Manual operation switch, test switch and axle counter reset switch. Level crossing standard approach trackside signage is provided for Down direction rail traffic at 456.658km. Level crossing approach trackside signage is not provided for the Up direction. Axle counters and signage to be installed at 456.792km for Down movements and 456.823km for Up movements Signage 'STOP DO NOT PASS THIS POINT

	UNTIL THE LEVEL CROSSING IS ACTIVATED' to be installed at 456.823km for Up movements only. Level crossing ID number 163 Signage 'DO NOT PUT ON OR OFF AT THIS LOCATION' to be affixed on the sides of the level crossing hut facing approaching rail traffic.
Nil	Up SHUNT LIMIT sign and a DO NOT PROCEED PAST THIS POINT UNLESS IN POSSESSION OF A TRAIN ORDER signs to be installed at 457.158km.
Nil	WEST TAMWORTH Up location, JUNCTION and 2000m distance signs to be installed at 457.295km.
Nil	STOP Block to be located at 457.620km. This STOP block is in position until Westdale Terminal is constructed.
Nil	CHECK POSITION OF POINTS sign facing down direction rail traffic to be installed at 457.634km
Nil	Frame 'B' catch points to be installed at 457.644km. 'B' frame consists of a single lever frame with 2-way locking, released by Operator's key.
Nil	NON-INTERLOCKED AREA sign facing Down direction rail traffic to be installed at 457.654km.
Nil	CATCH POINT and CHECK POSITION OF POINTS sign facing up direction rail traffic to be installed at 457.654km
Nil	CRN/Private Line boundary located at 457.720km
Nil	Level crossing will be remotely monitored by the Cerberus Alarm Monitoring System.

The following CNLA's will be added or altered.

EXISTING CNLA	NEW AND ALTERED CNLA's
CNLA 411 West Tamworth	CNLA updated
CNLA 412 Tamworth	Drivers Diagram to be updated
Nil	CNLA 413 Westdale to be added

- See pre-release CNLA 411 v8.0 West Tamworth and CNLA 413 v1.0 Westdale in pre-release Documents <https://www.jhrcrn.com.au/what-we-do/network-operations-access/pre-release-documents/>
- See JHRCRN North TOC Manual for loop and siding lengths and permanent speed signs.

### Westdale Terminal

Westdale Terminal private yard is to be constructed at a later date and will be managed by a private operator and will adjoin to the CRN boundary.

### Safeworking 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, 8 September 2021

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