



# CRN TOC Waiver

**TOC Reference Number:** CRN 17-067

**Expiry Date:** 27 March 2018

**Distributed to:** CRN Train Control  
CRN Website

**Issued by:** Bryan Turnbull

**Requested by:** Principal Track & Civil Engineer

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**Start Date:** 27/09/2017

## **Subject:** Permanent speed board changes Bowenfels – Orange - Parkes

This is a waiver to the published rolling stock operating conditions specified in **Section 1 of the Western Section Pages** of the CRN Train Operating Conditions Manual.

This waiver authorises the permanent speed sign amendment highlighted in the attached "Location of Speed Signs" Tables.

The following Change will take effect immediately because the sign does not exist in the field

1. Km 240.842 Down normal **65** redundant speed sign removed

Signature: *Bryan Turnbull*  
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**Location of Speed Signs**

LOCATION	KILO-	DOWN		UP	
	METRAGE	NORM	XPT	NORM	XPT
ROWENFF	<b>158.790</b>				
	159.110	95	100	80	95
	160.067	100	110	95	100
	160.800	115	140	100	110
	164.600	90	95	115	140
	164.800	65	70	90	95
Marangaroo Tunnel					
	166.876	80	85	65	70
	168.661	..	90	..	85
	171.005	70	75	80	90
WALLERAWANG	<b>171.261</b>				
	171.393	X50	(X50)	..	..
	171.920	X50	..	..	..
	171.929	80	85	70	75
Advisory Board	172.570			65	
	172.582	115	120	80	85
Advisory Board	175.000			105	
	175.195	75	80	115	120
	177.332	95	100	75	80
	178.837	100	110	95	100
RYDAL	<b>181.400</b>				
	183.842	70	75	100	110
	185.878	60	65	70	75
SODWALLS	<b>188.600</b>				
	194.538	55	60	60	65
	197.000	60	65	55	60
	197.586	65	70	60	65
	198.173	80	85	65	70
TARANA	<b>198.274</b>				
	198.450	..	..	X50	(X50)
	198.872	95	105	80	85
	201.577	60	(60)	100	105
	202.850	75	80	60	(60)
	205.383	100	105	70	80
	207.699	70	75	95	105
	211.164	100	105	70	75
	212.963	80	85	95	105
LOCKSLEY	<b>213.743</b>				
	214.630	60	65	80	85
	219.700	70	75	65	70
	221.970	..	..	70	75
	223.320	..	80	..	..
	224.170	90	95	..	..
	224.630	..	..	75	80
BREWONGLE	<b>224.987</b>				
	225.030	115	135	..	..
LCS	225.610	..	..	..	120
	227.000	..	145	..	..
	227.918	..	140	..	..
	228.815	..	150	..	140
	230.811	..	160	..	..
	232.749	..	..	115	150
	232.835	110	120	..	..

LOCATION	KILO-	DOWN		UP	
	METRAGE	NORM	XPT	NORM	XPT
RAGLAN	<b>233.053</b>				
	234.758	100	105	80	85
	236.132	..	..	70	80
KELSO	<b>237.665</b>				
	238.700	X60	(X60)	..	..
	238.904	95	105	115	130
BATHURST BRIDGE					
	239.318	65	70	95	100
	239.349	X25	(X25)	..	..
BATHURST	<b>239.871</b>				
	240.000	85	95	65	70
On Loop	240.820	X50			
Advisory Board	240.842	65			
	240.842	65			
	241.000	..	..	X50	..
	241.364	95	100	85	95
Advisory Board	243.320			85	
ORTON PARK	<b>244.565</b>				
LCS	245.563	90	(90)		
	246.551	70	75	95	100
	247.240	95	(95)	..	..
	247.600	..	..	70	(70)
	251.600	60	65	95	(95)
	251.925	70	75	60	65
GEORGES PLAINS	<b>251.949</b>				
	255.111	50	55	70	75
	257.681	55	60	50	55
	258.730	60	65	55	60
	260.069	80	85	60	65
	262.900	65	70	80	85
	263.658	80	85	65	70
GRESHAM	<b>266.562</b>				
	266.724	70	75	80	85
	267.272	65	70	70	75
	273.200	X25	(X25)	..	..
NEWBRIDGE	<b>273.760</b>				
Advisory Board	274.360			55	
	276.524	80	85	65	70
	278.485	65	70	..	..
	280.082	..	..	70	75
	280.736	70	75	..	..
	281.841	..	..	60	70
MURROBO	<b>287.000</b>	65	70	..	..
	287.306	..	..	70	75
	287.333	90	95	..	..
	287.440	..	..	X50	(X50)
	288.623	..	..	..	95
BLAYNEY	<b>290.369</b>				
	290.483	50	60	90	105
	290.695	80	90	..	..
	290.900	..	..	50	60
	293.501	..	85	..	90
	295.610	70	75	80	85