

DEER PARK JUNCTION TO ARARAT

BROAD GAUGE

1. CLASS OF LOCOMOTIVE AND PERMITTED SPEEDS (KM/H)

		CLASS OF LOCOMOTIVE					Sprinter/ Vlocity
		G, XR, BL	A, B, GM, N, S, X	H, P, T	Y		
Down Line KP 19.350 and KP 22.085 (Down side of CAROLINE SPRINGS)	Freight	80	80	80	65	..	130
	Pass	90	115	100	..	..
Up Line KP 22.085 (Down side of CAROLINE SPRINGS) and KP 19.350	Freight	65	65	65	65	..	130
	Pass	90	90	90	..	..
KP 22.085 (Down side of CAROLINE SPRINGS) and 50.610km (Fisken St PCR Up side BACCHUS MARSH)	Freight	80	80	80	65	..	130
	Pass	90	115	100	..	..
50.603km (Fisken St PCR Up side of BACCHUS MARSH) and BANK BOX LOOP (See Special Speed Restrictions)	Freight	80	80	80	65	..	115
	Pass	90	100	100	..	..
BANK BOX Loop and BALLARAT EAST (Humffray St PCR 113.109) (See Special Speed Restrictions) (via North and South Lines BUNGAREE DEVIATION)	Freight	80	80	80	65	..	130
	Pass	90	115	100	..	..
BALLARAT EAST (Humffray St PCR 113.109km) and BALLARAT NORTH JUNCTION (through BALLARAT)	All Trains	40	40	40		40	
			90	90	65	95	
KP 126.000 to KP 202.000			115	100	65	130	
KP 202.000 to KP 209.610 (Alfred Street PCR)			100	100	65	115	
KP 209.610 (Alfred Street PCR) to ARARAT			25	25	25	25	

1A. VLOCITY RAIL CARS – AUTHORISED 160KM/H PERMITTED SPEEDS

REGIONAL FAST RAIL CORRIDOR – SUNSHINE TO BALLARAT	VLOCITY
Up Line, CAROLINE SPRINGS to DEER PARK JUNCTION	As per table 1 above
Down Line, DEER PARK JUNCTION to CAROLINE SPRINGS	160
CAROLINE SPRINGS to Down side of PARWAN LOOP KP 47.700	160
KP 47.700 Down side of PARWAN LOOP to KP 72.317 down side of BANK BOX LOOP	As per table 1 above
KP 72.317 down side of BANK BOX LOOP via BUNGAREE DEVIATION SOUTH Line to KP 111.650 approach to signal 52 at BALLARAT	160

2. SPECIAL SPEED RESTRICTIONS

1. A noticeboard is provided at Signal Post **RBK 732** advising the speed of all DOWN trains departing Rockbank No. 2 Road must not exceed 65 km/h until the train has reached Paynes Road Level Crossing at **KP: 31.297**.

**MAXIMUM SPEED
TO CROSSING**

65 km/h

2. A notice board is provided at Signal Post **BMH 750** advising UP Trains departing the Holding Track that Trains are not to exceed 40 km/h between Home Signal **BMH 750** and **BMH 726**. Up Trains are not permitted to increase speed on passing Home Signal **BMH 750** – Section 36 Rule 11 clause b will not apply for this movement.

**SIGNAL BMH 750
SPEED TO
BMH 726 - 40 kph**

3. The speed for all trains arriving at and departing from Maddingley Stabling Sidings to and from Bacchus Marsh is 40 km/h.

4. The Speed of all UP Freight trains between BALLAN and BACCHUS MARSH must NOT exceed 65km/h from **73.000km to 56.000km**.

5. All Train movements to or from BALLARAT EAST Locomotive Depot must NOT exceed 10km/h.

6. All Down Trains entering the Freight Arrival Track from BALLARAT EAST must NOT exceed 10km/h.

7. The speed of all trains when passing over Facing Points worked by mechanical or electrical interlocking, or otherwise securely fastened, or over Trailing Points shall be as shown hereunder:

LOCATION	MAXIMUM SPEED	
	When running to or from lines diverging from the straight track km/h	When running on the straight track
Over facing points held by hand	15	15
Between DEER PARK WEST and BALLARAT	40	Line speed for Train Type
Except as indicated to higher speed at the signal via the illuminated speed indicator, at ROWSLEY LOOP and BALLARAT EAST (Crossover on Up side of Humffray St PCR).	65	Line speed for Train Type

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8. All self propelled Rolling Stock (Locomotives etc) including Track Machines and Track Maintenance vehicles which are not fitted with TPWS must be restricted to a Maximum Speed of 80 (eighty) KPH between Deer Park Junction and Ballarat.

3. RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
	G, XR, BL	N	GM, S, X	Mod. A Class	Non-Mod. A solo or multi with A	Non-Mod. A multi with other class	B	H solo or multi with H, P, T or Y	H multi with other class	T or P solo or multi with H, P, T or Y	T or P multi with other class	Y solo or multi with T, Y, H or P	Y multi with other class	
DOWN														
Deer Park Junction to DEER PARK WEST (Boral)	2790	1830	1830	1830	1625	1625	1625	1420	1420	1420	1420	915	915	
MELTON	2100	1525	1525	1525	1420	1420	1420	1015	1015	1015	1015	730	730	
BACCHUS MARSH	1650	1220	1220	1220	1015	1015	1015	815	815	815	815	610	610	
BANK BOX LOOP	1200	790	790	1020	660	660	660	405	405	405	405	305	305	
BUNGAREE LOOP	..	865	865	1100	710	710	710	455	455	455	455	355	355	
BALLARAT	1390	1830	1830	1830	1625	1625	1625	915	915	915	915	610	610	
TRAWALLA	..	1525	1525	1525	1420	1420	1420	915	915	915	915	910	910	
ARARAT	1390	915	915	1020	760	760	760	510	510	510	510	355	355	
UP														
Ararat to BUANGOR		965	965	965	815	815	815	510	510	510	510	..	..
TRAWALLA	1400	865	865	865	760	760	760	455	455	455	455	355	355	
BALLARAT TO	2880	1830	1830	1830	1420	1420	1420	815	815	815	815	455	455	
BUNGAREE LOOP	1520	865	..	..	..	..	..	455	455	455	455	..	..
BANK BOX LOOP	..	915	865	1120	760	760	760	510	510	510	510	355	355	
BACCHUS MARSH	..	1820	1820	1820	1820	1820	1820	1820	1820	1820	1820	630	630	
PARWAN LOOP	..	865	865	1060	710	710	710	510	510	510	510	355	355	
ROCKBANK		1625	1625	1625	1625	1625	1625	865	865	865	865	635	635	
DEER PARK JUNCTION	1450	..	..	..	..	..	..	..	..	..	..	1270	1270

4. SAFEWORKING SYSTEMS

Automatic Block Signalling is in force on the Up and Down lines between DEER PARK JUNCTION and DEER PARK WEST.

Automatic and Track Control is in force between DEER PARK WEST and BALLARAT.

The Ballarat Corridor Signaller operates the points and signals at, DEER PARK WEST, ROCKBANK LOOP, MELTON LOOP, PARWAN LOOP, BACCHUS MARSH LOOP, MADDINGLEY SIDINGS, ROWSLEY LOOP, BANK BOX LOOP and BUNGAREE DEVIATION from a Visual Display Unit located at Centrol.

Automatic Block Signalling is in force between BALLARAT EAST and WENDOUREE and is controlled from a Visual Display Unit located at Centrol.

Train Staff and Ticket is in force between WENDOUREE and ARARAT.

The Broad Gauge Signalling at ARARAT is controlled from a Visual Display Unit at Centrol.

5. SPECIAL NOTES

A Signaller will be in attendance at Ballarat and Ararat when Staff Tickets are being used.

The Broad Gauge platform at Ararat has a standing room of 103 metres.

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6. DISTANCES FROM MELBOURNE AND CLEAR LENGTHS OF CROSSING ROADS

LOCATION	MARKED DISTANCE FROM MELBOURNE (KM)	CLEAR LENGTH OF CROSSING ROADS (LENGTH IN METRES)		
		NO. 1	NO. 2	SIDINGS
DEER PARK JUNCTION	19.350		..	
DEER PARK WEST	20.805	..	..
BORAL RESOURCES SIDING #	21.000	..	..
CAROLINE SPRINGS	21.256	267	267	
ROCKBANK LOOP	30.190	751	751	
MELTON LOOP	37.319	130	125	Siding A – 245
PARWAN LOOP	45.687	969	969	
BACCHUS MARSH	50.862	170		No 3 - 153 Sidings B – 194, C – 98,
MADDINGLEY SIDINGS	53.490			No 1 – 187, No 2 – 187 No 3 – 189, No 4 – 200 No 5 – 200, No 6 – 200 Head Shunt - 86
ROWSLEY LOOP	54.869	602	602	
BANK BOX LOOP	65.803	903	903	
BALLAN	79.680	..	..
BUNGAREE DEVIATION LINE EAST END ♦	93.576	1444	1444	
BUNGAREE DEVIATION LINE WEST END ♦	101.808	1444	1444	
WARRENHEIP	107.200	..	..
BALLARAT EAST END	113.109	..	..
BALLARAT	113.801	..	..
NORTH BALLARAT JUNCTION (via BALLAN – marked distance)	120.000	..	..
NORTH BALLARAT JUNCTION (via NORTH GEELONG)	156.900	..	..
ARARAT	210.771	103	..	112

Note # Fitters required to attend onsite to operate point locking.

- ♦ Bungaree Deviation South Line is 5kms shorter than Bungaree Deviation North Line. This causes a kilometre change at the West End of Bungaree Deviation.

7. TRACK CLASS

Track is maintained to the following CLASS standards:

SECTION			CLASS
DEER PARK JUNCTION - BALLARAT	Down line	19.350 km – 21.700 km	CLASS 1
	Single Line	21.700 km – 52.196 km	CLASS 1
	Single line	52.196 km – 56.022 km	CLASS 2M
	Single line	56.022 km – 58.594 km	CLASS 1
	Single line	58.594 km – 71.703 km	CLASS 2M
	Single line	71.703 km – 111.643 km	CLASS 1
	Single line	111.643 km – 113.748 km	CLASS 2M
DEER PARK WEST – DEER PARK JUNCTION	Up line	21.700 km – 20.983 km	CLASS 1
ROCKBANK CROSSING LOOP		29.379 km – 30.812 km	CLASS 2
MELTON CROSSING LOOP		36.983 km – 37.434 km	CLASS 2
PARWAN CROSSING LOOP		44.821 km – 46.634 km	CLASS 2
BACCHUS MARSH NO 1 ROAD		50.600 km – 50.967 km	CLASS 2
ROWSLEY CROSSING LOOP		54.869 km – 55.891 km	CLASS 2
BANK BOX CROSSING LOOP		64.810 km – 66.660 km	CLASS 2
BUNGAREE CROSSING LOOP		93.650 km – 106.701 km	CLASS 2
BALLARAT – ARARAT		118.801 km - 126.000 km	CLASS 2
		126.000 km – 202.000 km	CLASS 2M
		202.000 km - 210.771 km	CLASS 2

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8. PROTECTED LEVEL CROSSINGS

NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	DISTANCE (KM)	TYPE	LOCATION NUMBER	VICROADS ID NO.
ROCKBANK LOOP – 30.190	Hopkins Road	24.450	BB	AO244	
	Troupes Road	27.828	BB	AO278	
	Leakes Road	29.579	BB	AO295	
	Rockbank Station	29.876	PG	AO298	
	* Paynes Road	31.297	BB	AO312	
	* Mount Cottrell Road	32.933	BB	AO329	
	* Ferris Road	34.613	BB	AO346	
MELTON – 37.319	Station Road (Exford Road)	37.069	BB, PG	AO370	
	Coburns Road	38.020	BB, PG	AO380	
	* Telephone Road	41.967	BB	AO419	
	* Staughton Siding Road	42.761	BB	AO427	
PARWAN LOOP – 45.687	* Occupation Crossing	45.188	BB	AO451	
	* Occupation Crossing	45.763	BB	AO457	
	* Whelans Road	46.873	BB	AO468	
BACCHUS MARSH – 50.862	Fisken Street	50.396	BB	AO503	
	Parwan Road	51.214	BB, PG	AO512	
	* Osborne Road	52.312	BB	AO523	
ROWSLEY LOOP – 54.869	Kerrs Road	53.435	BB	AO534	
	* Rowsley Station Road	54.608	BB	AO546	
BANK BOX LOOP – 65.803	* Occupation Crossing	64.907	FL	AO649	
	* Ironbark Road	66.994	BB	AO669	
	* Manns Road	71.060	BB	AO710	
	* Ingliston Drive	72.426	BB	AO724	
BALLAN – 79.475	* Gillets Lane	73.323	FL	AO733	
	* Occupation Crossing	74.053	FL	AO740	
	* Occupation Crossing	76.006	FL	AO760	
	* Ingliston Road	77.974	BB	AO779	
	* Windle Street	78.722	BB	AO787	
	* Cowie Street	79.663	BB	AO796	
	* Old Geelong Road	80.138	BB	AO801	
	* 🚧 Daylesford Road	80.769	BB	AO807	19023
	* Occupation Crossing	82.212	FL	AO822	
	* Occupation Crossing	82.923	FL	AO829	
	* Bostock Crossing	83.707	FL	AO837	
	* Llandeilo Lane	85.900	BB	AO859	
	* Occupation Crossing	86.447	FL	AO864	
	* Mount Egerton Road	90.783	BB	AO907	
	* Boundary Road	91.908	BB	AO919	
	* Occupation Crossing	92.305	FL	AO923	
BUNGAREE NORTH LINE	Old Melbourne Road	94.411	BB	AO944	
	Westcotts (Wallace) Road	97.952	BB	AO979	
	* 🚧 Bungaree/Wallace Road	98.444	BB	AO984	19024
	Bungaree/Wallace Road (Old Western Highway)	102.639	BB	A1026	
	Lester Road	103.827	BB	A1038	
BALLARAT – 113.812 <i>(Distances via Bungaree South Line)</i>	Torpy's Road	101.710	BB	A1017	
	* Occupation Crossing	102.680	BB	A1026	
	* Old Melbourne Road (Dunnstown Road)	103.370	BB, PG	A1033	
	Ω Tierney Road	104.156	BB	A1041	
	* Ti – Tree Road	106.040	BB	A1060	
	Humffray Street	113.120	BB, PG	A1181	
	◆ Yelta Line Marker Posts Only				
	◆ Lydiard Street	155.923	IG, PG	A1189	
	◆ Doveton Street	156.336	BB	A1193	
	◆ McArthur Street	156.867	BB	A1198	
	* 🚧 Creswick Road/Midland Highway	120.438	BB	A1204	19018
	Burnbank Street	121.190	BB	A1211	

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