

**NORTH GEELONG TO MARYBOROUGH**

**BROAD GAUGE**

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

		CLASS OF LOCOMOTIVE					Sprinter/ Vlocity
		G, XR, BL	A, B, EL, GM, N, S, X	T, P, H	Y		
NORTH GEELONG 'A' BOX (decommissioned) and NORTH GEELONG 'C' BOX	Freight Pass	30 40	30 40	30 40	30 ..	.. 40	
NORTH GEELONG 'C' BOX to ( 71.170km) approach to Thompsons Road PCR (72.154km) on the dual gauge track and Arrival – Departure Tracks	Freight Pass	15 15	15 15	15 15	15 ..	.. 15	
Buchter Road PCR (81.658km) Up side of GHERINGHAP and Humffray St PCR (113.120km via Ballan) at BALLARAT EAST	Freight Pass	80 80	80 80	80 80	65 ..	.. 80	
Humffray St PCR (113.120km via Ballan) at BALLARAT EAST and BALLARAT NORTH JUNCTION (through BALLARAT)	All Trains	40	40	40	40	40	
BALLARAT NORTH JUNCTION and MARYBOROUGH	Freight	80	80	80	65	..	
<b>DOWN Direction</b> BALLARAT NORTH JUNCTION to Millers Road PCR (161.050km).	Pass	80	80	80	..	80♦	
Millers Road PCR (161.050km) to Signal AM2207 at Maryborough.	Pass	80	100	100	..	100♦	
Signal AM2207 at Maryborough to Fixed Points at Up end of Maryborough at 223.654km Broad Gauge Only	Pass	80	80	80	..	80♦	
Over Fixed Points at Up end of Maryborough at 223.654km Broad Gauge Only	All Trains	40	40	40	40	40♦	
BALLARAT NORTH JUNCTION and MARYBOROUGH	Freight	80	80	80	65	..	
<b>UP Direction</b> Over Fixed Points at Up end of Maryborough at 223.654km Broad Gauge Only	All Trains	65	65	65	65	65♦	
Fixed Points at Up end of Maryborough at 223.654km to Lean Street PCR (222.659km)	Pass	80	80	80	..	80♦	
Lean Street PCR (222.659km) and Rose Hill Road (161.834km) PCR)	Pass	80	100	100	..	100♦	
Rose Hill Road PCR (161.834km) to BALLARAT NORTH JUNCTION	Pass	80	80	80	..	80♦	

**Note** ♦ Vlocity cars only (Sprinter cars NOT authorised).

**2. SPECIAL SPEED RESTRICTIONS**

- All train movements to or from BALLARAT EAST Locomotive Depot must not exceed 10km/h.
- All Down trains entering the Freight Arrival Track from BALLARAT EAST end must not exceed 10km/h.
- The speed of all trains when passing over Facing Points operated by point machines, worked from an interlocking frame or otherwise securely fastened, or over Trailing Points shall be as shown hereunder:

LOCATION	MAXIMUM SPEED KM/H	
	When running to or from lines diverging from the straight track	When running on the straight track
Over facing points held by hand	15	15
Between NORTH GEELONG and WARRENHEIP (except at NORTH GEELONG 'C' BOX, MEREDITH, and WARRENHEIP)	40	Line speed for train type
At MEREDITH	60	Line speed for train type
At WARRENHEIP over Trailable Points		
Over Facing Trailable Points	40	-
Over Trailing Trailable Points until locomotives clears Points	-	40
Over Trailing Trailable Points after the locomotives clears Points	-	60
At MARYBOROUGH (between Up end fixed points and km 226.000)		
All Broad Gauge Trains	15	50

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**3. RULING GRADE LOADS (TONNES)**

SECTION	CLASS OF LOCOMOTIVE												
	G, XR, BL	N	EL, GM, S, X	Mod A Class	Non-Mod A solo or multi with other class	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
<b>DOWN</b>													
<b>Nth Geelong Yard to GHERINGHAP</b>	2250	1625	1625	1960	1420	1420	1420	915	915	915	915	610	610
MEREDITH	..	<b>1120</b>	<b>1120</b>	<b>1500</b>	<b>985</b>	<b>985</b>	<b>985</b>	<b>660</b>	<b>660</b>	<b>660</b>	<b>660</b>	<b>445</b>	<b>445</b>
LAL LAL	..	1170	1170	1550	1015	1015	1015	710	710	710	710	465	465
BALLARAT	<b>2000</b>	1625	1625	2300	1420	1420	1420	1015	1015	1015	1015	660	660
<b>Ballarat to MARYBOROUGH</b>	<b>1520</b>	<b>1030</b>	<b>815</b>	<b>1030</b>	<b>830</b>	<b>750</b>	<b>670</b>	<b>560</b>	<b>560</b>	<b>560</b>	<b>480</b>	<b>280</b>	<b>250</b>
<b>UP</b>													
<b>Maryborough to BALLARAT</b>	<b>1520</b>	1120	<b>915</b>	1200	920	830	815	590	590	540	490	<b>290</b>	<b>260</b>
<b>Ballarat to WARRENHEIP</b>	<b>1520</b>	<b>865</b>	<b>915</b>	<b>1120</b>	<b>760</b>	<b>760</b>	<b>760</b>	<b>455</b>	<b>455</b>	<b>455</b>	<b>455</b>	355	355
GHERINGHAP	2500	..	..	..	..	..	..	..	..	..	..	..	..
NTH GEELONG YARD	3200	2135	2135	3200	2135	2135	2135	2030	2030	2030	2030	1420	1420

**4. SAFEWORKING SYSTEMS**

Siding Conditions is in force between the access to NORTH GEELONG YARD at NORTH GEELONG STATION and NORTH GEELONG 'C' Signalbox.

Centralised Traffic Control system of signalling (Operated by ARTC) is in force between NORTH GEELONG 'C' BOX and GHERINGHAP – CTC continues on the Standard Gauge into GHERINGHAP Loop.

On the Broad Gauge, Train Order Working commences at a point adjacent to Up signal Post 83/14 (BATESFORD) to GHERINGHAP Loop Broad Gauge and continues as listed below

GHERINGHAP Loop Broad Gauge is a D.I.C.E (Driver Initiated Control Equipment) Location.

Train Order Working is in force between BATESFORD (adjacent to UP signal post 83/14) and BALLARAT EAST (adjacent to Signal Post No 50).

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

Automatic and Track Control is in force between NORTH BALLARAT and MARYBOROUGH - controlled from a Visual Display Unit located at CENTROL.

Automatic Block Signalling is in force at MARYBOROUGH - controlled from a Visual Display Unit located at CENTROL.

**TRAIN ORDER - STATUS OF LOCATIONS**

	STATUS – ATTENDED	STATUS – UNATTENDED
BATESFORD	Unattended location	Unattended Train Order Terminal Station
GHERINGHAP LOOP (Broad Gauge)	Attended Crossing Station	Unattended Crossing Station (DICE Loop)
LETHBRIDGE BLOCK POINT	Block Point Location	Block Point Location
LAL LAL BLOCK POINT	Block Point Location	Block Point Location
WARRENHEIP LOOP	Not Applicable	Unattended Crossing Loop
BALLARAT EAST	Attended Train Order Terminal Station	Remote Controlled from Centrol
MARYBOROUGH	Attended Train Order Terminal Station	Remote Controlled from Centrol

Master Keys are not required to be carried between BATESFORD and MARYBOROUGH unless required for Shunting at the intermediate sidings at GHERINGHAP and or LAL LAL.

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**5. SPECIAL NOTES**

**6. DISTANCES FROM MELBOURNE AND CLEAR LENGTH OF CROSSING ROADS**

LOCATION	MARKED DISTANCE FROM MELBOURNE (KM) (VIA NORTH GEELONG LOOP)	LENGTH OF PLATFORM	CLEAR LENGTH OF CROSSING ROADS (LENGTH IN METRES)	
			NO. 1	NO. 2
NORTH GEELONG YARD	70.036		765	..
NORTH GEELONG 'C' BOX	71.142		..	..
BATESFORD	81.900		..	..
GHERINGHAP	83.454		868	857
LETHBRIDGE BLOCK POINT	97.100		..	..
LETHBRIDGE	99.262		..	..
MEREDITH	114.198		..	..
LAL LAL	134.758		..	..
LAL LAL BLOCK POINT	137.440		..	..
WARRENHEIP LOOP	148.748		1120	1120
BALLARAT EAST END	154.694		..	..
BALLARAT	155.386	Plat 1 – 244 Plat 2 - 285	..	..
NORTH BALLARAT JUNCTION	156.900		..	..
CRESWICK	174.563	160	..	..
CLUNES	192.556	100	..	..
TALBOT	209.981	100	..	..
MARYBOROUGH	224.041	328	889	..

**7. TRACK CLASS**

Track is maintained to the following class standards.

SECTION	CLASS
GHERINGHAP – MARYBOROUGH	CLASS 3

**8. PROTECTED LEVEL CROSSINGS**

NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	DISTANCE (KM) (VIA NORTH GEELONG LOOP)	TYPE	LOCATION NUMBER	VIC ROADS ID NO.
GHERINGHAP – 83.454	Burnside Road	88.370	FL	GV0883	
	High Street	89.694	FL	GE0896	
LETHBRIDGE – 99.262	Station Street	99.193	FL	GE0991	
MEREDITH – 114.198	II Staughton Street	114.127	BB	GE1141	
	♣ *Midland Highway	<b>123.064</b>	<b>BB</b>	<b>AL1230</b>	<b>19007</b>
LAL LAL – 134.758	Clarendon Street	134.549	FL	AL1348	
	Main Street	140.360	FL	AL1403	
BALLARAT – 155.386	Humffray Street	154.694	BB, PG	A1181	
	Lydiard Street	155.508	BB PG EGL	A1189	
	Doveton Street	156.336	BB	A1193	
	McArthur Street	156.867	BB	AM1199	
	Howitt Street	157.786	BB	AM1207	
	Norman Street	158.597	BB	AM1215	
	*Heinz Lane	<b>159.441</b>	<b>BB PG EGL</b>	<b>AM1224</b>	

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NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	DISTANCE (KM) (VIA NORTH GEELONG LOOP)	TYPE	LOCATION NUMBER	VIC ROADS ID NO.
	* Millers Road	161.050	BB	AM1240	
	* Rosehill Road	161.834	BB	AM1248	
	* Frasers Road	162.675	BB	AM1256	
	* Pistol Club Road	163.862	BB	AM1268	
CRESWICK – 174.563	* Taronga Road	164.497	BB	AM1274	
	♣ * Midland Highway	166.081	BB	AM1290	19008
	* Blackmore Road	166.876	BB	AM1298	
	* Grays Road	169.956	BB	AM1329	
	* Armstrong Street	173.781	BB	AM1367	
	Victoria Street	174.684	BB	AM1376	
	* Williams Road	176.032	BB	AM1390	
	* Johns Road	176.681	BB	AM1396	
	* Australasia Road	177.594	BB	AM1405	
	* Gillies Road	180.669	BB	AM1436	
	* Cattle Station Road	181.934	BB	AM1449	
CLUNES – 192.556	* Anderson Road	184.020	BB	AM1470	
	* Tourello Road	185.110	BB	AM1481	
	* Ballarat Road	186.962	BB	AM1499	
	* Cooks Road	188.556	BB	AM1515	
	* Black Swamp Road	190.130	BB	AM1531	
	* Boundary Street	192.286	BB	AM1552	
	* Learmonth Road	193.362	FL	AM1563	
	Kilkenny Lane	193.600	FG	AM1566	
	* Roses Lane	194.010	BB	AM1570	
	* Cemetery Road	194.904	BB	AM1579	
	* Beckworth Court Road	197.329	BB	AM1603	
	Adams Track	199.746	FG	AM1627	
	TALBOT – 209.981	Hull Lane	205.209	FG	AM1682
* Old Ballarat Road		206.825	FL	AM1698	
* Ballarat/Maryborough Road		209.269	BB	AM1722	
* Scandinavian Cres		209.531	BB	AM1725	
* Champions Road		212.023	BB	AM1750	
* Carisbrook – Talbot Road		215.222	BB	AM1782	
Walters Road		216.335	FG	AM1793	
MARYBOROUGH – 224.041	* Denherts Road	217.862	FL	AM1808	
	* Lean Street	222.659	BB	AM1856	
	Inkerman Street	223.742	BB	AM1867	
	* Tulleroop Road	226.106	BB	AM1891	

- BB** – Boom Barriers                      **CC** – Crib Crossing                      **FL** – Flashing Lights                      **EGL** – Electric Gate Latches
- PG** – Pedestrian Gates                      **SG** – Standard Gauge                      **VIC** – Victorian Broad Gauge                      **FG** – Frangible Gates

**Note \*** Indicates those level crossings where an increase in speed may be permitted if the train is travelling at or above 50km/h upon passing the predictor indicator board.

At these level crossings indicated above operated with Level Crossing Predictors, the Predictor boards will be placed in accordance with Rule 9 (Section 36) of the Book of Rules and Operating Procedures.

**Note ♣** Level crossing fitted with VicRoads Active Advance Warning Signs. Warning sign faults are to be reported to the VicRoads Fault Centre on 131170.

**Note II** Indicates that Road / Rail Vehicles are not permitted to On or Off Track at this level crossing.

**NETWORK SERVICE PLAN**