

## SOUTHERN CROSS TO DENNINGTON

BROAD GAUGE

VIA BROOKLYN

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

		CLASS OF LOCOMOTIVE			
		G, XR, BL	A, B, GM, N, S, X	H, P, T	Sprinter/ Vlocity
SOUTHERN CROSS (Platforms 1 to 7) and the V/LINE/METRO TRAINS INTERFACE (Signals FLX 506, FLX 530, FLX 540, FLX 580 and FLX 532).	All Trains	15	25	25	25
SOUTH KENSINGTON and SOUTH DYNON JUNCTION (via Freight Lines)	Freight	40	40	40	..
Over Fixed Points at West Footscray Junction until the whole train has cleared the points	Freight	15	15	15	
WEST FOOTSCRAY JUNCTION and TOTTENHAM YARD (via Freight Lines)	Freight	15	15	15	
Except over the Fixed Points at the Tottenham End of the Tottenham Brooklyn Dual Gauge Track until the whole train has cleared the Points	All Broad Gauge Freight Trains	15	15	15	
BROOKLYN and NEWPORT (West Line)	Freight	50	50	50	
WERRIBEE and NORTH SHORE	Freight	80	80	80	..
	Pass	80	115	100	130
NORTH SHORE and GEELONG	Freight	80	80	80	..
	Pass	80	115	100	115
GEELONG and SOUTH GEELONG	Freight	65	65	65	..
	Pass	65	65	65	65
Except over Bridge at 74.080km (Between Geelong and South Geelong)	All Trains	15	65	65	65
SOUTH GEELONG and MARSHALL	Freight	65	70	70	..
	Pass	65	115	100	115
MARSHALL and WAURN PONDS	Freight	65	70	70	..
	Pass	65	115	100	..
WAURN PONDS and WARRNAMBOOL	Freight	80	80	80	..
	Pass	..	115	100	..
Except for Up trains approaching Queen St. PCR at Colac (Between 153.300km and 152.895km)	All Trains	70	70	70	..
Except for all Trains between Cressy Road PCR and Church St PCR at Camperdown (Between 198.129km 198.808km)	All Trains	65	65	65	
Except over Bridge at 263.856km (Between Terang and Warrnambool)	All Trains	65	65	65	..
DENNINGTON SIDING	Freight	15	25	25	..

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

REGIONAL FAST RAIL CORRIDOR – WERRIBEE TO GEELONG	VLOCITY
EAST Line – DOWN direction only – WERRIBEE KP 32.057 to CORIO KP 64.210	160
EAST Line – UP direction	As per table 1 above for Sprinter
WEST Line – UP direction only – CORIO KP 64.000 to WERRIBEE KP 32.652	160
WEST Line – DOWN direction	As per table 1 above for Sprinter
CORIO to GEELONG – EAST and WEST Lines	As per table 1 above for Sprinter

### 2. SPECIAL SPEED RESTRICTIONS

1. NORTH GEELONG YARD – Entering All Sidings 10km/h.
2. The speed of all trains when passing over Facing Points 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 SOUTHERN CROSS and WARRNAMBOOL (except at certain locations where the maximum speed is 65km/h for diverging movements)	40	Line Speed for train type
Except over Fixed Points and Dual Gauge points at Southern Cross	15	25

## NETWORK SERVICE PLAN

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3. 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) KMPH between Werribee and Geelong.
4. Melbourne Yard – Reversing Loop line speed is 5km/h
5. Geelong – South Geelong – For all freight trains conveying over height containers through the tunnel, the line speed is 20km/h for the complete train.
6. Colac – A Notice Board is provided at the UP end of the Colac Station advising that the Maximum Speed for UP Stopped Trains between the Station Platform and the Queens Street Level Crossing PCR (152.895km) is not to exceed 55 kph
 

**STOPPED TRAINS  
MAXIMUM SPEED TO  
QUEENS STREET  
55 KPH**
7. Colac – A Notice Board is provided at the DOWN end of the Colac Station advising that the Maximum Speed for Down Stopped Trains between the Station Platform and the Hart Street Level Crossing PCR (153.979km) is not to exceed
 

**STOPPED TRAINS  
MAXIMUM SPEED TO  
HART STREET  
55 KPH**
8. Marshall to Winchelsea – A notice board is provided at the bridge at 94.957km advising that G, XR, BL class locomotives are restricted to a maximum speed of 65kph when operating over the bridge.
 

**G BL XR  
LOCO  
65**
9. Colac to Camperdown – A notice board is provided at the bridge at 155.963km advising that G, XR, BL, R class locomotives are restricted to a maximum speed of 65kph when operating over the bridge.
 

**G BL XR R  
LOCO  
65**
10. Terang to Warrnambool – A notice board is provided at the bridge at 241.785km advising that N, R class locomotives are restricted to a maximum speed of 65kph and G, XR, BL class locomotives are restricted to a maximum speed of 45kph when operating over the bridge.
 

**N R  
LOCO  
65**

**G BL XR  
LOCO  
45**

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

SECTION	CLASSES OF LOCOMOTIVES													
	G, XR, BL	N	GM, S, X	Mod A Class	A solo or multi with A	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>														
Melbourne to NEWPORT (via Pass Lines)	2790	2135	2135	2135	1830	1830	830	1420	1420	1420	1420	915	915	
Dynon to TOTTENHAM YARD NEWPORT (via Freight Lines)	2790	1830	1830	1830	1625	1625	1625	1220	1220	1220	1220	760	760	
LARA	3120	..	..	..	..	..	..	2135	2135	2135	2135	1220	1220	
NORTH GEELONG	..	..	..	..	..	..	..	1320	1320	1320	1320	..	..	
GEELONG	2790	2135	2135	2135	1830	1830	1830	1625	1625	1625	1625	745	745	
SOUTH GEELONG (Note #)	3120	2135	2135	2135	2135	2135	2135	1420	1420	1420	1420	1110	1110	
WAURN PONDS	..	915	915	1015	760	760	760	510	510	510	510	355	355	
WINCHELSEA	1600	1320	1320	1320	1220	1220	1220	815	815	815	815	425	425	
COLAC	1600	..	..	..	..	..	..	..	..	..	..	..	..	
CAMPERDOWN	..	1320	1320	1320	1220	1220	1220	..	..	..	..	610	610	
TERANG	..	..	..	..	..	..	..	815	815	815	815	640	640	
WARRNAMBOOL	..	..	..	..	..	..	..	815	815	815	815	740	740	
DENNINGTON SIDING	..	..	..	..	..	..	..	..	..	..	..	915	915	
<b>UP</b>														
Dennington Siding to WARRNAMBOOL	1600	1525	1525	1525	1420	1420	1420	1015	1015	1015	1015	770	770	
TERANG	1600	1320	1320	1320	1015	1015	1015	815	815	815	815	720	720	
CAMPERDOWN	..	..	..	..	..	..	..	..	..	..	..	..	..	
COLAC	..	1830	1830	1830	..	..	..	1015	1015	1015	1015	770	770	
WAURN PONDS	..	1625	1625	1625	1420	1420	1420	965	965	965	965	510	510	
SOUTH GEELONG	..	..	..	..	..	..	..	..	..	..	..	1015	1015	
GEELONG	2540	1830	1830	1830	..	..	..	1220	1220	1220	1220	915	915	
NORTH GEELONG YARD	4940	2135	2135	2135	1830	1830	1830	1420	1420	1420	1420	1015	1015	
NEWPORT (via Freight Lines)	..	2135	2135	..	..	..	..	..	..	..	..	1015	1015	
BROOKLYN	..	..	..	1830	..	..	..	1420	1420	1420	1420	1270	1270	
TOTTENHAM YARD (via Freight Lines)	..	1830	1830	..	1830	1830	1830	1220	1220	1220	1220	1015	1015	
DYNON	3170	2135	2135	2135	2135	2135	2135	1625	1625	1625	1625	1220	1220	
Newport to MELBOURNE (via Pass Lines)	3700	2135	2135	2135	1830	1830	1830	1320	1320	1320	1320	1015	1015	

**Note #** Load for trains departing from Signal Post No 120 – GEELONG Signalling Control Centre.

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**4. SAFEWORING SYSTEMS**

**DYNON – ALTONA JUNCTION (via Brooklyn) Freight Lines**

Automatic Block signalling is in force on the DOWN and UP lines between WEST TOWER (Viaduct Junction) – SOUTH KENSINGTON – SIMS STREET JUNCTION.

Traffic between WEST FOOTSCRAY JUNCTION and TOTTENHAM JUNCTION is operated under the special instructions contained in Section 34 of the Book of Rules and Operating Procedures 1994.

The Track Block System is in force over the West Line between NEWPORT and BROOKLYN.

**WERRIBEE – DENNINGTON**

Automatic and Track Control as described in Section 36 of the Rules and Operating Procedures is in force between WERRIBEE and LITTLE RIVER, LITTLE RIVER – LARA, LARA – CORIO and CORIO – NORTH GEELONG Signal Posts GLG 58, GLG 60 and GLG 62.

There are two tracks known as the EAST and WEST lines, which are signalled for two way running.

LITTLE RIVER, LARA, CORIO, NORTH GEELONG and GEELONG are remotely controlled from GEELONG Regional Control Centre located at the DOWN end of the former GEELONG ‘A’ SIGNALBOX near the GEELONG STATION.

Automatic Block Signalling as described in Section 36 of the Rules and Operating Procedures is in force between NORTH GEELONG Signal Posts GLG 58, GLG 60 and GLG 62 and GEELONG.

There are two tracks known as the EAST and WEST lines, the EAST line is signalled for bi-directional running, the WEST line is signalled for bi-directional running between NORTH GEELONG STATION and GEELONG LOCOMOTIVE DEPOT.

The Track Block System is in force on the single line sections between GEELONG – SOUTH GEELONG and SOUTH GEELONG – MARSHALL. MARSHALL is remotely controlled from the REGIONAL SIGNAL CONTROL CENTRE at GEELONG and MARSHALL has the facility to be operated locally from the MARSHALL station building.

Train Order Working is in force between MARSHALL to WARRNAMBOOL

	<b>STATUS – ATTENDED</b>	<b>STATUS – UNATTENDED</b>
MARSHALL	Train Order Terminal Station	Attended for all Trains
MORIAC BLOCK POINT	Block Point Location	Block Point Location
CAMPERDOWN	Attended Crossing Station	Intermediate Train Order Station
WARRNAMBOOL	Train Order Terminal Station	Unattended Train Order Terminal Station

WAURN PONDS as an intermediate siding in the Train Order Section MARSHALL – MORIAC BLOCK POINT.

A Master key is only required when shunting at WAURN PONDS

Siding Conditions Working is in force between WARRNAMBOOL and DENNINGTON.

**5. SPECIAL NOTES**

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

LOCATION	MARKED DISTANCE FROM MELBOURNE (KM)	CLEAR LENGTH OF CROSSING ROADS (LENGTH IN METRES)	
		NO. 1	NO. 2
MARIBYRNONG RIVER JUNCTION	4.430	..	..
TOTTENHAM YARD	8.616	..	..
BROOKLYN	11.977	..	..
DISTANCE VIA TOTTENHAM YARD	15.490	..	..
NEWPORT	10.555	..	..
DISTANCE VIA TOTTENHAM YARD	17.546	..	..
WERRIBEE	31.697	..	..
WERRIBEE RACECOURSE PLATFORM	33.720	..	..
LITTLE RIVER	47.561	..	..
LARA	57.504	..	..
ELDER'S I.X.L. SIDING	61.190	..	..
CORIO	63.944	..	..
SHELL CO. SIDING	64.209	..	..
NORTH SHORE	67.172	..	..
PHOSPHATE CO. SIDING	67.172	..	..
NORTH GEELONG	69.981	..	..
CORIO QUAY SIDING	72.000	..	..
GEELONG	72.567	..	..
SOUTH GEELONG	74.412	..	..
GEELONG RACECOURSE PLATFORM	76.869	..	..
MARSHALL	79.600	217	217
WAURN PONDS	88.271	..	..
WINCHELSEA	113.740	..	..
BIRREGURRA	134.287	..	..
COLAC	153.395	..	..
CAMPERDOWN	198.497	350	350
TERANG	220.785	..	..
SHERWOOD PARK STATION	261.387	..	..
WARRNAMBOOL	267.301	802	604
BRIQUETTE SIDING	269.000	..	..
WESTVIC SIDING	270.015	..	..
DENNINGTON	272.002	..	..

**7. TRACK CLASS**

Track is maintained to the following class standards:




SECTION			CLASS
BROOKLYN – NEWPORT			CLASS 3
WERRIBEE – GEELONG	East Track	32.483 km – 64.243 km	CLASS 1
	East Track	64.243 km – 72.570 km	CLASS 2
	Platform No 2 Road	72.100 km – 72.850 km	CLASS 2
GEELONG – WERRIBEE	West Track	72.900 km – 64.215 km	CLASS 2
	West Track	64.215 km – 32.479 km	CLASS 1
GEELONG – WARRNAMBOOL		72.570 KM – 267.550 KM	CLASS 2
WARRNAMBOOL – DENNINGTON			CLASS 5

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**8. PROTECTED LEVEL CROSSINGS**

NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	DISTANCE (KM)	TYPE	LOCATION NUMBER	VICROADS ID NO.	
WEST TOWER Signal Box – 1.500 BROOKLYN – 15.490	Dock Link Road	3.940	BB, VIC, SG	MW0039		
	Birmingham Street	12.170	PG, VIC, SG	MW0121		
	Kernot Street	12.528	BB, PB, VIC, SG	MW0125		
	Francis Street	14.250	BB, VIC, SG	MW0142		
	Somerville Road	15.497	BB, VIC, SG	MW0154		
WERRIBEE – 31.697	Werribee Street	32.382	BB, PG, VIC, SG	G0323		
	Browns Road	35.325	BB, VIC, SG	G0353		
	West's Road	39.469	BB, VIC, SG	G0394		
LITTLE RIVER – 47.561	Edgar Road	47.375	BB, VIC, SG	G0473		
	Cherry Swamp Road	49.606	BB	G0496		
	Peak School Road	51.722	BB	G0517		
LARA – 57.504	Plains Road	53.842	BB, VIC, SG	G0538		
	Windermere Road	55.910	BB, VIC, SG	G0559		
	McClelland Avenue	57.697	BB, VIC, SG	G0576		
	Canterbury Road	59.275	BB, VIC, SG	G0592		
CORIO – 63.944	Grammar School Road	63.513	BB, VIC, SG	G0635		
	St. Georges Road	65.528	BB, VIC, SG	G0655		
NORTH SHORE – 67.172	Bayside Road	67.138	FL			
	North Shore Road	67.235	BB, PB, VIC, SG	G0672		
	The Esplanade	67.238	FL			
SOUTH GEELONG – 74.412	McKillop Street	73.445	BB	G0734		
	Kilgour Street	73.737	BB	G0737		
	Yarra Street	74.341	BB, PG	G0743		
	Swanston Street	74.844	BB	G0748		
	Wood Street	75.665	BB	G0757		
	Barwon Terrace	76.669	BB	G0766		
MARSHALL – 79.600	*  <b>Barwon Heads Road</b>	<b>78.805</b>	<b>BB</b>	<b>G0788</b>	<b>19014</b>	
	Marshalltown Road	79.436	BB, PG	G0794		
	Reserve Road	80.526	BB	G0805		
	*  <b>Torquay Road</b> <b>(Surf Coast Highway)</b>	<b>81.700</b>	<b>BB</b>	<b>G0817</b>	<b>7281</b>	
	Ghazeepore Road	85.138	FL	G0851		
	Anglesea Road	86.384	BB	G0863		
	Reservoir Road	88.678	FL	G0886		
	Hunts Road	93.929	FL	G0939		
	Mount Moriac Road (Cape Otway Road)	96.544	FL	G0965		
	WINCHELSEA – 113.740	* <b>Buckley Road</b>	<b>103.859</b>	<b>FL</b>	<b>G1038</b>	
Buckley School Road (Anglesea Road)		107.620	FL	G1076		
Inverleigh Road		111.769	BB	G1117		
Hesse Street (Barwon Park Road)		113.557	FL	G1135		
Cressy Road		114.076	FL	G1140		
Birregurra Road		134.118	FL	G1341		
BIRREGURRA – 134.287	 <b>Princes Highway</b>	<b>139.906</b>	<b>BB</b>	<b>G1399</b>	<b>5038</b>	
COLAC – 153.395	Bourkes Road	143.251	FL	G1432		
	Warrowrie Road	146.519	FL	G1465		
	Cressy Road	148.170	FL	G1481		
	Abattoirs Road (Treatment Works Road)	150.311	FL	G1503		
	* <b>Church Street</b>	<b>152.102</b>	<b>FL</b>	<b>G1521</b>		
	* <b>Queen Street</b>	<b>152.895</b>	<b>BB</b>	<b>G1528</b>		
	* <b>Hart Street</b>	<b>153.979</b>	<b>BB</b>	<b>G1539</b>		
	* <b>Armstrong Street</b>	<b>154.402</b>	<b>BB</b>	<b>G1544</b>		
	* <b>Cant's Road</b>	<b>155.026</b>	<b>BB</b>	<b>G1550</b>		
	* <b>Deans Creek Road</b>	<b>155.850</b>	<b>FL</b>	<b>G1558</b>		
	Larpent Road	161.347	FL	G1613		
	Tomahawk Creek Road (Timboon-Colac Road)	165.681	FL	G1658		
	* <b>Swan Marsh Road</b>	<b>169.082</b>	<b>FL</b>	<b>G1690</b>		

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NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	DISTANCE (KM)	TYPE	LOCATION NUMBER	VICROADS ID NO.
	(Irrewilippe Road)				
	* Swan Marsh-Stoneyford Road	172.638	FL	G1726	
	* Settlement Road	174.455	FL	G1744	
CAMPERDOWN – 198.497	Cobden-Stoneyford Road	178.262	FL	G1782	
	Kollah-Pomborneit Road	182.686	FL	G1826	
	* Wire Road	196.410	FL	G1964	
	Cressy Road	198.129	BB	G1981	
	Church Street	198.808	FL	G1988	
	Micklejohn Street	199.323	FL	G1993	
	* Cuthberts Road	201.577	BB	G2015	
	* Darlington Road	202.893	BB	G2028	
	* Boorcan Road	211.277	FL	G2112	
	Cosgrove Littles Road	218.998	FL	G2189	
TERANG – 220.785	Thompson Street	219.910	FL	G2199	
	* Seymour Street	220.975	FL	G2209	
	Keilambet Road (Terang-Framlingham Road)	222.406	FL	G2224	
	* Station Road	232.266	FL	G2322	
	* Laang Road (Garvoc-Laang Road)	232.723	FL	G2327	
	* Sampsons Ford Road	234.394	FL	G2343	
	Old Princes Highway	246.874	FL	G2468	
WARRNAMBOOL – 267.301	Grauers Crossing (Begley's Road)	252.832	FL	G2528	
	Ziegler-Parade	255.150	BB	G2551	
	Tooram Road	256.568	FL	G2565	
	Jubilee Park Road	258.691	FL	G2586	
	Sherwood Entrance (Jubilee Avenue)	261.293	FL	G2612	
	Mahoneys Road	261.961	FL	G2619	
	Wellington Road (Wellington Street)	267.588	FL	G2675	
DENNINGTON – 272.002	Princes Highway	271.794	FL	G2717	

BB – Boom Barriers

NSW – R.I.C. Distance from Sydney

T – Equipped with Telephone Communication

CC – Crib Crossing

PB – Pedestrian Barriers

VIC – Victorian Broad Gauge

FL – Flashing Lights

PG – Pedestrian Gates

IG – Interlocked Gates

SG – Standard Gauge

**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.