

WERRIBEE TO WARRNAMBOOL (WESTVIC CONTAINER SIDING)
BROAD GAUGE
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
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 (Swanston Street)	Freight	65	65	65	..
	Pass	65	65	65	65
SOUTH GEELONG (Swanston Street) and WAURN PONDS (Holding Siding)	Freight	65	70	70	..
	Pass	65	115	100	115
WAURN PONDS (Holding Siding) and WARRNAMBOOL Platform	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	50	50	50	..
Except over Bridge at 263.856km (Between Terang and Warrnambool)	All Trains	65	65	65	..
WARRNAMBOOL Platform and WESTVIC 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 32.430 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 32.430	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

- NORTH GEELONG YARD – Entering All Sidings 10km/h.
- 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 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 MANOR JUNCTION and WARRNAMBOOL (except at certain locations where the maximum speed is displayed in excess of 40km/h for diverging movements)	40	Line Speed for train type

- 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.
- Geelong – South Geelong – For all freight trains conveying over height containers through the tunnel, the line speed is 20km/h for the complete train.

WERRIBEE TO WARRNAMBOOL (WESTVIC CONTAINER SIDING)

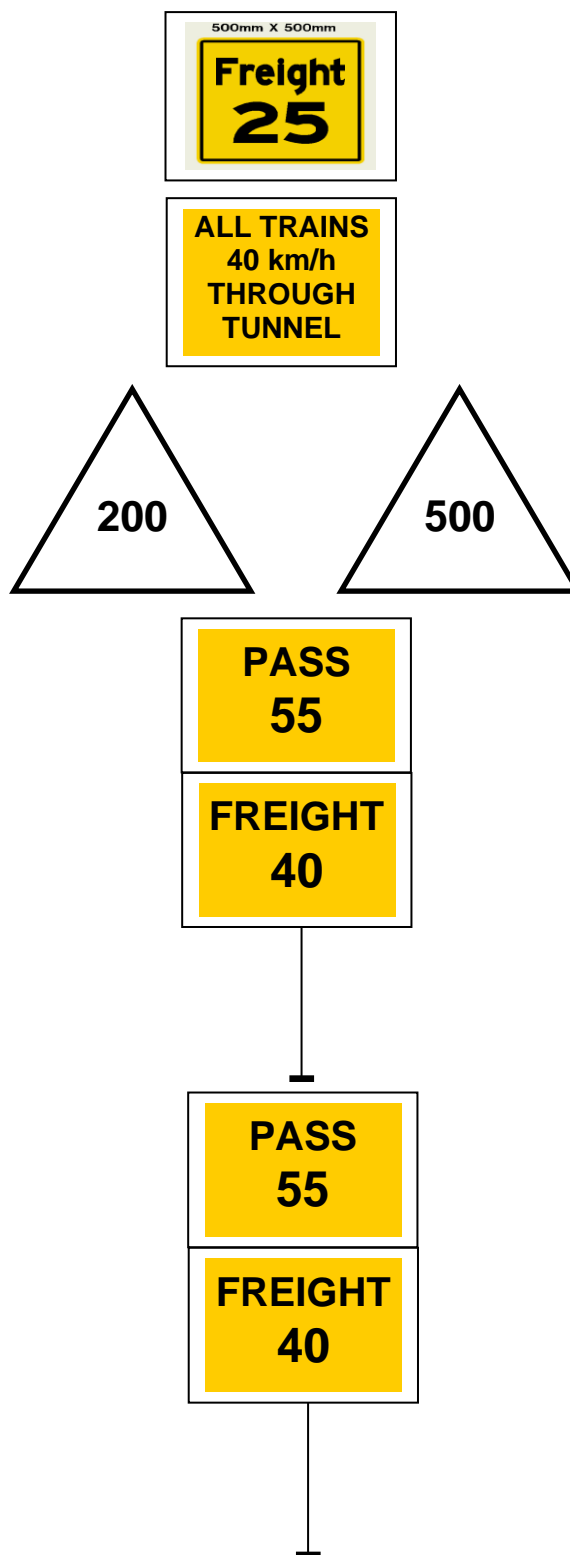
BROAD GAUGE

5. Geelong – South Geelong – A Notice Board is provided at the UP and DOWN end of the tunnel advising that the line speed is 25km/h for the complete train for Freight Trains only.
6. Geelong – South Geelong – A Notice Board is provided at the UP and DOWN end of the tunnel advising that the line speed is 40km/h for the complete train for ALL Other Trains.
7. With reference to the Special Speed Restriction of 25 km/h through the Geelong Tunnel for Freight and 40 km/h for ALL Other Trains, two indicator signs have been erected to assist train drivers to identify distances from the DOWN end of the tunnel. These signs are white reflective triangles with black writing and are located 200 metres and 500 metres from the DOWN end of the tunnel.
8. Marshall – Permanent Speed Boards is provided at the UP end of Marshall Station at **KP: 78.992** advising Down Direction Trains the maximum speed is **55 km/h** for Passenger Trains and **40 km/h** for Freight Trains.

Down Trains can resume Normal Speed when the front of the train passes the **Down End of Marshall Platform**.

9. Marshall – Permanent Speed Boards is provided at the DOWN end of Marshall Station at **KP: 80.065** advising Up Direction Trains the maximum speed is **55 km/h** for Passenger Trains and **40 km/h** for Freight Trains.

Up Trains can resume Normal Speed when the front of the train passes the **Up End of Marshall Platform**.

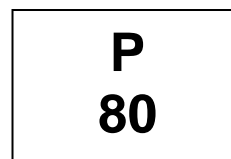


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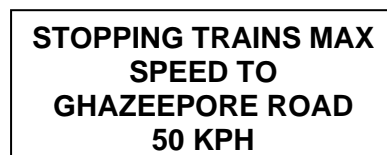
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10. Waurm Ponds – Marshall

A Speed Board is provided facing Up direction trains to apply to Passenger Trains from **KP: 82.250** until line of sight of Home Signal **MSL24** can be observed. Following sighting of Home Signal **MSL24**, the Driver of a Rail Vehicle Movement shall then proceed according to the aspect displayed on the next fixed signal in accordance with the Network Operating Requirements (**NA_NSP_01**) of the Network Service Plan, **4. Special Speed Restrictions – Speed Boards.**



11. Waurm Ponds - A Notice Board is provided at the DOWN end of the station advising that stopped trains maximum speed to Ghazeepore Road PCR (85.183km) is not to exceed 50km/h.



12. 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 55kph



13. 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 55kph.



14. Terang – A Notice Board is provided at the UP side of the Seymour Street level crossing to show the maximum speed of Down Trains approaching the Cameron Road level crossing is not to exceed 90kph.



15. Sherwood Park - A Notice Board is provided at DOWN end of the station advising that stopped trains maximum speed to Mahoneys Road PCR (261.961km) is not to exceed 50km/h.



WERRIBEE TO WARRNAMBOOL (WESTVIC CONTAINER SIDING)

BROAD GAUGE

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														
Werribee to LARA	2790	2135	2135	2135	1830	1830	1830	1320	1320	1320	1320	745	745	
NORTH GEELONG								1625	1625	1625	1625			
GEELONG	3120	2135	2135	2135	2135	2135	2135	1420	1420	1420	1420	1110	1110	
SOUTH GEELONG (Note #)	..	915	915	1015	760	760	760	510	510	510	510	355	355	
WURN PONDS CEMENT SIDING	1600	..	..	..	..	..	..	..	..	..	..	..	..
WINCHELSEA		1320	1320	1320	1220	1220	1220	..	..	..	..	610	610
COLAC		..	..	..	..	..	..	815	815	815	815	640	640
CAMPERDOWN		..	..	..	..	..	..	815	815	815	815	740	740
TERANG		..	..	..	..	..	..	..	..	..	..	915	915
WARRNAMBOOL	1600	1525	1525	1525	1420	1420	1420	1015	1015	1015	1015	770	770	
WESTVIC SIDING	1600	1320	1320	1320	1015	1015	1015	815	815	815	815	720	720	
UP														
Westvic Siding to WARRNAMBOOL	1600	1320	1320	1320	1220	1220	1220	915	915	915	915	915	915	
TERANG	1520	915	915	1015	760	760	760	510	510	510	510	480	480	
CAMPERDOWN		1420	1420	..	1220	1220	1220	815	815	815	815	580	580	
COLAC		1830	1830	1830	..	..	..	1015	1015	1015	1015	770	770
WURN 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
WERRIBEE	4940	2135	2135	2135	1830	1830	1830	1420	1420	1420	1420	1015	1015	

Note # Load for trains departing from Signal Post GLG 120 – GEELONG.

WERRIBEE TO WARRNAMBOOL (WESTVIC CONTAINER SIDING)

BROAD GAUGE

4. SAFeworking SYSTEMS

WERRIBEE – WARRNAMBOOL

Automatic and Track Control as described in Sections 16 and 36 of the Rules and Operating Procedures is in force between WERRIBEE and MANOR JUNCTION, MANOR JUNCTION - 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.

The Signalling at WERRIBEE is controlled by Metro Trains.

The Signalling at MANOR JUNCTION, LITTLE RIVER, LARA, CORIO, NORTH GEELONG and GEELONG are remotely controlled by the Geelong Corridor Signaller located at CENTROL.

Automatic Block Signalling 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, SOUTH GEELONG – MARSHALL and MARSHALL – WAURN PONDS.

SOUTH GEELONG can be switched out

When SOUTH GEELONG is switched out the Single Line Section is GEELONG – MARSHALL

MARSHALL and WAURN PONDS are remotely controlled by the Geelong Corridor Signaller located at CENTROL.

Train Order Working is in force between WAURN PONDS and WARRNAMBOOL

	STATUS – ATTENDED	STATUS – UNATTENDED
WAURN PONDS	Train Order Terminal Station	Remote Controlled from Centrol
MORIAC BLOCK POINT	Block Point Location	Block Point Location
WARNCOORT LOOP	Intermediate Terminal Station	Remote Controlled from Centrol
CAMPERDOWN	Intermediate Terminal Station	Intermediate Train Order Station
WARRNAMBOOL	Train Order Terminal Station	Unattended Train Order Terminal Station

WAURN PONDS CEMENT SIDING Is an intermediate siding in the Train Order Section WAURN PONDS – MORIAC BLOCK POINT.

A Master key is only required when shunting at WAURN PONDS CEMENT SIDING

Siding Conditions Working is in force between WARRNAMBOOL and WESTVIC SIDING.

5. SPECIAL NOTES

Werribee – Manor Junction; East and West Lines

The lease boundary between Metro Trains and V/Line is situated at the signal gantry located at KP 34.412kp.

Signals No's G1178, GG1178, and G1179 & GG1179 are on this Gantry.

WERRIBEE TO WARRNAMBOOL (WESTVIC CONTAINER SIDING)
BROAD GAUGE
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	SIDINGS
WERRIBEE	31.697	..	..
LITTLE RIVER	47.561	..	..
LARA	57.504	..	..	No. 1 906
CORIO	63.944	..	..
SHELL CO. SIDING	64.209	..	..
NORTH SHORE	67.172	..	..
NORTH GEELONG	69.981	..	..
CORIO QUAY SIDING	72.000	..	..
GEELONG	72.567	..	..
SOUTH GEELONG	74.412	..	..	Siding A-247 Siding B-135
MARSHALL	79.600	217	217	
WAURN PONDS	84.613	..	..
WAURN PONDS HOLDING SIDING	86.638	..	..	380
WAURN PONDS CEMENT SIDING	88.271			
MORIAC BLOCK POINT	98.000			
WINCHELSEA	113.740			
BIRREGURRA	134.287	..	..
WARNCOORT	137.884	650	650	
COLAC	153.395			
CAMPERDOWN	198.497	360	360	No.3 Road for Maintenance use only
TERANG	220.785	..	..
SHERWOOD PARK STATION	261.387	..	..
WARRNAMBOOL	267.301	802	604	
WESTVIC SIDING	270.015	..	..

7. TRACK CLASS

Track is maintained to the following class standards:

SECTION		CLASS
WERRIBEE – GEELONG	East Track	34.430 km – 64.243 km
	East Track	64.243 km – 66.513 km
	East Track	66.513 km – 72.570 km
	Platform No 2 Road	72.100 km – 72.850 km
GEELONG – WERRIBEE	West Track	72.900 km – 66.513 km
	West Track	66.513 km – 64.215 km
	West Track	64.215 km – 34.430 km
GEELONG – WARRNAMBOOL		72.570 KM – 267.550 KM
WARRNAMBOOL – WESTVIC SIDING		

WERRIBEE TO WARRNAMBOOL (WESTVIC CONTAINER SIDING)

BROAD GAUGE

8. PROTECTED LEVEL CROSSINGS

NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	DISTANCE (KM)	TYPE	LOCATION NUMBER	VICROADS ID NO.
WERRIBEE – 31.697	Browns Road	35.325	BB, VIC, SG	G0353	
	West's Road	39.469	BB, VIC, SG	G0394	
LITTLE RIVER – 47.561	Edgar Road * (UP West Line Only)	47.375	BB, VIC, SG PG	G0473	
	Station Access	47.579	PG		
	Cherry Swamp Road	49.606	BB VIC SG	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 PG	G0559	
	Station Access	57.500	PG, EGL East Line only		
	McClelland Avenue * (DOWN East Line Only)	57.697	BB, VIC, SG PG	G0576	
CORIO – 63.944	Canterbury Road	59.275	BB, VIC, SG	G0592	
	Grammar School Road * (UP West Line Only)	63.513	BB, VIC, SG PG	G0635	
NORTH SHORE – 67.172	Station Access	63.597	PG East Line only		
	St. Georges Road	65.528	BB, VIC, SG	G0655	
SOUTH GEELONG – 74.412	Station Access	67.087	PG West Line only SG		
	North Shore Road	67.235	BB, PB, VIC, SG	G0672	
SOUTH GEELONG – 74.412	McKillop Street	73.445	BB PG EGL	G0734	
	Kilgour Street	73.737	BB	G0737	
	Yarra Street	74.341	BB PG EGL	G0743	
	Swanston Street	74.844	BB	G0748	
	Wood Street	75.665	BB	G0757	
	Barwon Terrace	76.669	BB	G0766	
MARSHALL – 79.600	Barwon Heads Road * ♣	78.805	BB	G0788	19014
	Marshalltown Road	79.436	BB, PG	G0794	
	Reserve Road	80.526	BB	G0805	
	Surf Coast Highway * ♣	81.700	BB, PG EGL	G0817	7281
WAURN PONDS – 84.613	Ghazeepore Road *	85.138	BB PG EGL	G0851	
	Reservoir Road *	88.678	BB	G0886	
	Pettavel Road*	90.409	BB	G0409	
	Willowite Road Ω	92.172	BB	G0921	
	Hunts Road Ω	93.929	BB	G0939	
	Mount Moriac Road (Cape Otway Road)	96.544	BB	G0965	
	Considines Road*	100.574	BB	G1005	
WINCHELSEA – 113.740	Waltons Road Ω	102.256	BB	G1021	
	Buckley South Road Ω	103.859	BB	G1038	
	Mount Pollock Road Ω	105.549	BB	G1055	
	Buckley School Road (Anglesea Road)	107.620	FL	G1076	
	Inverleigh Road	111.769	BB	G1117	
	Austin Road Ω	113.011	BB	G1130	
	Hesse Street II	113.557	FL	G1135	
	Cressy Road	114.076	FL	G1140	
	Ondit Road Ω	116.199	BB	G1161	
	Robertson Road Ω	120.300	BB	G1203	
	Armytage Road Ω	123.939	BB	G1239	
	BIRREGURRA – 134.287	Prices Lane Ω	127.981	BB	G1279
Whytcross Lane Ω		130.550	BB	G1305	
Powers Lane Ω		132.600	BB	G1326	
Birregurra Road		134.118	FL	G1341	
Aireys Reserve Road II		136.638	BB	G1366	
Bourkes Road Ω		143.251	BB	G1432	

NETWORK SERVICE PLAN

WERRIBEE TO WARRNAMBOOL (WESTVIC CONTAINER SIDING)
BROAD GAUGE

NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	DISTANCE (KM)	TYPE	LOCATION NUMBER	VICROADS ID NO.
COLAC – 153.395	Pyles Road *	145.886	BB	G1458	
	Warrowrie Road	146.519	FL	G1465	
	Colac - Cressy Road ♣ *	148.170	BB	G1481	19026
	Flaxmill Road *	150.311	BB	G1503	
	Church Street *	152.102	BB	G1521	
	Queen Street *	152.895	BB	G1528	
	Hart Street *	153.979	BB	G1539	
	Armstrong Street *	154.402	BB	G1544	
	Cant's Road * II	155.026	BB	G1550	
	Deans Creek Road Ω	155.850	BB	G1558	
	Back Larpent Road Ω	158.478	BB	G1584	
	Larpent Road	161.347	FL	G1613	
	Phalps Road *	163.886	BB	G1638	
	Tomahawk Creek Road * (Timboon-Colac Road)	165.681	BB	G1658	
	Station Road Ω	168.121	BB	G1681	
	Swan Marsh Road * II (Irrewilippe Road)	169.088	BB	G1690	
	Swan Marsh - Stonyford Road Ω	172.638	BB	G1726	
	Settlement Road *	174.455	FL	G1744	
	CAMPERDOWN – 198.497	Cobden-Stoneyford Road	178.262	BB	G1782
Craigs Lane Ω		181.080	BB	G1810	
Kollah-Pomborneit Road		182.686	FL	G1826	
Carters Road Ω		185.648	BB	G1856	
Wiridgil Lane Ω		191.353	BB	G1915	
Wire Lane *		196.410	FL	G1964	
Cressy Road		198.129	BB	G1981	
Church Street		198.808	FL	G1988	
Micklejohn Street *		199.323	BB	G1993	
Old Timboon Road *		199.853	BB	G1998	
Cuthberts Road *		201.577	BB	G2015	
Darlington Road *		202.893	BB	G2028	
Sandys Lane *		204.973	BB	G2049	
Oswells Road Ω		209.033	BB	G2089	
TERANG – 220.785	Boorcan Road *	211.277	BB	G2112	
	Pontings Road *	215.170	BB	G2151	
	Dalvui Lane *	217.764	BB	G2177	
	Cosgrove Littles Road *	218.998	BB	G2189	
	Thompson Street *	219.910	BB	G2199	
	Shadforth Street *	220.278	BB	G2202	
	Seymour Street * II	220.975	FL	G2209	
	Cameron Street Ω	221.687	BB	G2216	
	Keilambet Road * II (Terang-Framlingham Road)	222.406	BB	G2224	
	Pekins Lane Ω	222.903	BB	G2229	
	Coombes Road II	226.182	BB	G2261	
	Coyles Lane II	226.537	BB	G2265	
	Station Road Ω	232.266	BB	G2322	
	Laang Road * II (Garvoc-Laang Road)	232.723	FL	G2327	
	Rec Reserve Road Ω	233.836	BB	G 2338	
	Sampsons Ford Road * II	234.394	FL	G2343	
	Vickers Road Ω	238.153	BB	G2381	

NETWORK SERVICE PLAN

WERRIBEE TO WARRNAMBOOL (WESTVIC CONTAINER SIDING)

BROAD GAUGE

NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	DISTANCE (KM)	TYPE	LOCATION NUMBER	VICROADS ID NO.
SHERWOOD PARK – 261.387	Health Marsh Road *	241.765	BB	G2417	
	Station Street Ω	242.747	BB	G2427	
	Panmure-Laang Road *	242.030	BB	G2420	
	Old Princes Highway	246.874	FL	G2468	
	Dwarroon Road *	248.704	BB	G2487	
	Hallowells Road Ω	249.386	BB	G2493	
	Grauers Crossing (Begley's Road)	252.832	FL	G2528	
	Ziegler-Parade *	255.150	BB	G2551	
	Brown Street *	255.497	BB	G2554	
	Tooram Road	256.568	FL	G2565	
	Jubilee Park Road	258.691	FL	G2586	
	Rowans Lane Ω	260.321	BB	G2603	
	Atikens Drive *	261.293	BB	G2612	
Mahoneys Road *	261.961	BB	G2619		
WARRNAMBOOL – 267.301	Tip Crossing *	265.506	BB	G2655	
	Wellington Road	267.588	FL	G2675	
	Walsh Road	269.985	BB	G2698	

BB – Boom Barriers

NSW – R.I.C. Distance from Sydney

VIC – Victorian Broad Gauge

CC – Crib Crossing

PG – Pedestrian Gates

FL – Flashing Lights

EGL – Electric Gate Latches

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 Ω Indicates those level crossings are operated though Axle Counter Equipment and local reset of the Crossing Track is provided in accordance with Operating Procedure No 34 -133.

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