

SOUTHERN CROSS TO SEYMOUR

BROAD GAUGE

VIA ALBION AND ESSENDON

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

SECTION		CLASS OF LOCOMOTIVE				
		G, XR, BL	A, B, GM N, S, X	H, P, T	Y	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	25
SOUTH KENSINGTON and SIMS STREET JUNCTION (Via Freight Lines)	Freight	40	40	40	40	..
WEST FOOTSCRAY JUNCTION and SUNSHINE (Via Freight Lines)	Freight	15	15	15	15	..
CRAIGIEBURN and WALLAN	Freight	80	80	80	65	..
	Pass	80	115	100	..	130
Except when passing over bridge at 45.09km	Freight	50			..	
	Pass	50				
WALLAN and HEATHCOTE JUNCTION	Freight	80	80	80	65	..
	Pass	80	115	100	..	115
HEATHCOTE JUNCTION and KILMORE EAST APEX QUARRY JUNCTION	Freight	80	80	80	65	..
	Pass	80	115	100	..	130
Except when passing over bridge at 64.07km	Freight	30			..	
	Pass	30				
KILMORE EAST APEX QUARRY JUNCTION and QUARRY	Freight	15	15	15	15	15
	Pass	15	15	15		
KILMORE EAST APEX QUARRY JUNCTION and SEYMOUR	Freight	80	80	80	65	..
	Pass	80	115	100	..	130
Except at DYSART at 95.64km when passing from Down to Single line	All Trains	65	65	65	65	65
Except at SEYMOUR Back (No 1 Platform) Track between Anzac Ave Bridge at 98.45km and Down end of curve at 99.10km	All Trains	40	40	40	40	40
Except at SEYMOUR No. 2 Platform Track between the Down end of the platform and Down end of curve at 99.10km	All Trains	40	40	40	40	40
Sprinter Rail Cars are permitted to shunt outside the UP Home Arrival signals at SEYMOUR No. 46 and 48						

2. SPECIAL SPEED RESTRICTIONS

- Speed restrictions indicated in Table 1 – Class of Locomotive and Permitted Speeds for **G class** locomotives over certain bridges apply only until the locomotives have crossed the bridge specified when normal speed for the train concerned may be resumed.
- 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 between SOUTHERN CROSS and SEYMOUR Except at DYSART	15	15
	40	Line speed for train type
	65	100
Except over Fixed Points and Dual Gauge points at Southern Cross	15	25

- Melbourne Yard – Reversing Loop line speed is 5km/h

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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													
Melbourne to SUNSHINE (via pass lines)	2790	1830	1830	1830	1625	1625	1625	1220	1220	1220	1220	730	730
Dynon to TOTTENHAM YARD	2790	1830	1830	1830	1625	1625	1625	1220	1220	1220	1220	760	760
ALBION	..	1830	1830	1830	1625	1625	1625	1220	1220	1220	1220	865	865
BROADMEADOWS	1650	1190	1070	1600	1130	1020	870	750	750	750	750	410	410
Melbourne to NEWMARKET	..	1525	1525	1530	1420	1420	1420	1015	1015	1015	1015	400	400
BROADMEADOWS	1650	970	865	1160	910	820	760	455	405	455	405	350	320
SOMERTON	..	1460	1130	1460	1260	1130	920	800	720	680	610	370	330
KILMORE EAST	1850	1220	960	1290	1020	920	730	660	590	590	560	510	460
APEX QUARRY SIDING	♦ 1690	♦ 1150	♦ 920	1150	♦ 970	♦ 870	♦ 815	♦ 640	♦ 640	♦ 580	♦ 520	♦ 360	♦ 320
BROADFORD	1960	1680	1580	1700	1630	1470	1420	1400	1260	1400	1260	1090	980
SEYMOUR	1600	1220	1100	1330	1150	1040	900	660	590	650	590	360	320
UP													
Seymour to BROADFORD	♥ 1570	♥ 1015	1015	♥ 1100	♥ 915	♥ 915	..	♥ 530	480	♥ 530	480	355	355
APEX QUARRY SIDING	♦ 1570	♦ 1015	♦ 1015	1400	♦ 1400	♦ 1260	..	♦ 530	♦ 480	♦ 530	♦ 480	♦ 355	♦ 355
KILMORE EAST	♥ 1570	♥ 1380	..	1430	♥ 1400	1260	..	..	..	♥ 540	490	370	330
WALLAN	♥ 1490	1330	♥ 1015	1330	1100	990	915	620	560	♥ 580	♥ 520	360	320
SOMERTON	..	..	..	..	..	..	3420	..	..	2440	2200	1850	1670
BROADMEADOWS	4180	4180	4180	4180	4180	4180	4180	3760	3380	3760	3380	1880	1690
Broadmeadows to MELBOURNE (via Essendon)	3190	2500	1640	2500	1780	1600	1210	760	680	760	680	400	360
Broadmeadows to ALBION	..	..	..	..	..	..	..	..	..	..	..	..	..
SUNSHINE	3190	2190	1860	2500	1960	1760	1550	1340	1340	1320	1120	780	780
Sunshine to TOTTENHAM YARD (via freight lines)	..	..	..	..	..	..	..	..	..	..	..	..	..
DYNON	3170	2135	2135	2400	2135	2135	2135	1625	1625	1625	1625	1220	1220
Sunshine to MELBOURNE (via pass lines to South Kensington)	3170	2135	2135	2400	2135	2135	2135	1625	1625	1625	1625	1220	1220

Note ♦ Load applies only between Apex Quarry Junction and Apex Quarry.

♥ Conditional Through Loads for the following locomotive classes and combinations from SEYMOUR to WALLAN are permitted provided that trains with these loads are not stopped at BROADFORD Up Signal No. 18 and KILMORE EAST Up Home Signals Nos. 13 and 10.

CLASS OF LOCOMOTIVE	LOAD AUTHORISED	COMMENT
MOD A	1200 tonnes	No overload permitted
A	980 tonnes	No overload permitted
G	1570 tonnes	Grain Trains Only. All other trains except Quarry Train from Apex Quarry Siding restricted to 1490 tonnes
H	590 tonnes	No overload permitted
N	1150 tonnes	No overload permitted
T	590 tonnes	No overload permitted

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Grain Trains only hauled by two (2) G class locomotives may be permitted 3200 tonnes.

Block Quarry Trains only from Apex Quarry Siding may be permitted loads as follows.

CLASS OF LOCOMOTIVE	LOAD AUTHORISED	COMMENT
G	1700 tonnes	No overload permitted
X & T	1650 tonnes	No overload permitted
S & T	1650 tonnes	No overload permitted

4. SAFEWORING SYSTEMS

Automatic Block signalling is in force on the Down and Up Lines between WEST TOWER - SOUTH KENSINGTON – SIMS STREET JUNCTION.

Traffic between WEST FOOTSCRAY JUNCTION and SUNSHINE (Via Freight Lines) is operated under the special instructions contained in the Book of Rules and Operating Procedures 1994.

Double Line Block System Working is in force on the Up and Down lines between CRAIGIEBURN – WALLAN, WALLAN – KILMORE EAST, KILMORE EAST – BROADFORD and BROADFORD –SEYMOUR.

WALLAN, KIMORE EAST and BROADFORD are provided with Switching facilities.

5. SPECIAL NOTES

No Special Notes.

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
DONNYBROOK	33.213	..	..
WALLAN	47.488	..	..
HEATHCOTE JUNCTION	53.450	..	..
WANDONG	55.291	..	..
KILMORE EAST	63.485	..	..
APEX QUARRY SIDING	66.000	..	..
BROADFORD	75.168	..	..
TALLAROOK	90.208	..	..
DYSART	95.414	..	..
SEYMOUR	98.699	625	625

7. TRACK CLASS

Track is maintained to the following class standards:

SECTION	CLASS
WEST TOWER (DUDLEY STREET) – NORTH DYNON (MAIN GOODS LINE)	CLASS 3
DONNYBROOK – SEYMOUR	29.706 km – 98.700 km CLASS 2

8. PROTECTED LEVEL CROSSINGS

NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	DISTANCE (KM)	TYPE	LOCATION NUMBER	VICROADS ID NO.
DONNYBROOK – 33.213	Yan Yean Road	33.125	BB, VIC, SG	EO331	
	Whittlesea Road	41.413	FL, VIC, SG	EO414	
WALLAN – 47.488	♣ Wallan – Whittlesea Road	47.244	BB, VIC, SG	EO472	19015

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NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	DISTANCE (KM)	TYPE	LOCATION NUMBER	VICROADS ID NO.
	* Station Access	47.555	PG,VIC	E0475	
	Wallan – Broadford Road	50.653	BB, VIC, SG	EO506	
HEATHCOTE JUNCTION – 53.450	Pedestrian Crossing	53.403	PG, VIC, SG	E0534	
	Escrites Road	53.618	BB, VIC, SG	EO536	
BROADFORD – 75.168	Dry Creek Road	70.960	FL, VIC, SG	EO709	
TALLAROOK – 90.208	* Dockery's Road	85.433	BB, VIC, SG	E0859	
	* Sharp's and Taylor's Road	87.397	BB, VIC, SG	E0873	
SEYMOUR – 98.699	Schoolhouse Lane	94.433	BB, VIC, SG	E0944	

BB – Boom Barriers

CC – Crib Crossing

FL – Flashing Lights

IG – Interlocked Gates

PB – Pedestrian Barriers

PG – Pedestrian Gates

SG – Standard Gauge

T – Equipped with Telephone Communication

VIC – Victorian Broad 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.