

CRAIGIEBURN TO SEYMOUR

BROAD GAUGE

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

SECTION		CLASS OF LOCOMOTIVE				Vlocity
		G, XR, BL	A, B, GM N, S, X	H, P, T	Sprinter	
CRAIGIEBURN and WALLAN	Freight	80	80	80	..	..
	Pass	80	115	100	130	115
WALLAN and HEATHCOTE JUNCTION	Freight	80	80	80	..	..
	Pass	80	115	100	115	115
HEATHCOTE JUNCTION and KILMORE EAST APEX QUARRY JUNCTION	Freight	80	80	80	..	..
	Pass	80	115	100	130	115
KILMORE EAST APEX QUARRY JUNCTION and QUARRY	Freight	15	15	15	..	..
KILMORE EAST APEX QUARRY JUNCTION and SEYMOUR	Freight	80	80	80	..	..
	Pass	80	115	100	130	115
Except at DYSART at 95.64km when passing from Down to Single line	All Trains	65	65	65	65	65
Except at SEYMOUR between Anzac Ave Bridge at 98.45km and Down end of curve at 99.10km	All Trains	40	40	40	40	40

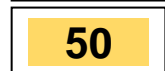
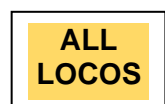
2. SPECIAL SPEED RESTRICTIONS

- 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	15	15
Between WALLAN and SEYMOUR	40	Line speed for train type
Except at DYSART	65	100

- WALLAN** – A notice board is provided approaching the bridge at **KP: 45.086** in an up and down direction advising a speed restriction for all locomotives over the bridge (34 metres in length).
The speed of any locomotive when passing over the bridge at **KP: 45.086** is **50 km/h**.

NOTE: This speed restriction does not apply to Vlocity and Sprinter railcars.



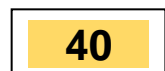
- KILMORE EAST – Up Line**, A notice board is provided at **KP: 65.675** approaching **22U points** (trailing set of points from the Apex Quarry) advising up direction trains that the maximum speed when passing over **22U Points** at **KP: 65.620** is **100 km/h**. The speed restriction only applies over the trailing set of points from the Apex Quarry.

Trains may resume normal speed when clear of **22U Points**.

NOTE: The restriction does not apply to the facing points on the Up Line leading towards the down line (**24D Points**).



- SEYMOUR** - Permanent Speed Boards provided at the UP end of Seymour Station at KP 98.45 for Down Trains and KP 99.10 for Up Trains advising maximum speed is 40 km/h for all Trains



NETWORK SERVICE PLAN

CRAIGIEBURN TO SEYMOUR

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													
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
Craigieburn to 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
CRAIGIEBURN	4180	4180	4180	4180	4180	4180	4180	3760	3380	3760	3380	1880	1690

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 KILMORE EAST Up Home Signals Posts 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

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

NETWORK SERVICE PLAN

CRAIGIEBURN TO SEYMOUR

BROAD GAUGE

4. SAFEWORING SYSTEMS

Block Signalling for Double Lines as described in Section 37 of the Rules and Operating Procedures is in force on the Up and Down lines between CRAIGIEBURN – WALLAN, WALLAN – KILMORE EAST, KILMORE EAST – BROADFORD and BROADFORD – SEYMOUR.

The signalling at CRAIGIEBURN is controlled by Metro Trains.

WALLAN and KILMORE EAST can be placed into Unattended Operation.

When in Unattended Operation the Signalling will be operated by the passage of Trains and provide a follow-on function.

The signalling at BROADFORD is controlled by the Train Controller at Centrol.

The signalling at SEYMOUR is locally controlled by the Signaller at Seymour.

5. SPECIAL NOTES

Craigieburn – Wallan Up and Down Lines

The lease boundary between Metro Trains and V/Line for the Up line is situated at the Signal Gantry located at KP 29.816. Signal E1026 is on this Gantry.

The lease boundary between Metro Trains and V/Line for the Down line is at KP 29.706.

Vlocity 6-car passenger trains

Vlocity 6-car passenger trains are not permitted to stop at Heathcote Junction Station.

6. DISTANCES FROM MELBOURNE AND CLEAR LENGTH OF CROSSING ROADS

LOCATION	MARKED DISTANCE FROM MELBOURNE (KM)	LENGTH OF PLATFORM	CLEAR LENGTH OF CROSSING ROADS (LENGTH IN METRES)	
			NO. 1	NO. 2
DONNYBROOK	33.213	161 (Down) 160 (Up)	..	..
WALLAN	47.488	162 (Down) 161 (Up)	..	..
HEATHCOTE JUNCTION	53.450	79 (Down) 45 (Up)	..	..
WANDONG	55.291	110 (Down) 111 (Up)	..	..
KILMORE EAST	63.485	161 (Down) 121 (Up)	..	..
APEX QUARRY SIDING	66.000	..	..	..
BROADFORD	75.168	163 (Down) 121 (Up)	..	..
TALLAROOK	90.208	124 (Down) 106 (Up)	..	..
DYSART	95.414	..	..	..
SEYMOUR	98.699	Plat 1 - 182 Plat 2 - 205 Plat 3 - 181	625	625

7. TRACK CLASS

Track is maintained to the following class standards:

SECTION		CLASS
DONNYBROOK – SEYMOUR	29.706 km – 98.700 km	CLASS 2

NETWORK SERVICE PLAN

CRAIGIEBURN TO SEYMOUR

BROAD GAUGE

8. PROTECTED LEVEL CROSSINGS

NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	DISTANCE (KM)	TYPE	LOCATION NUMBER	VICROADS ID NO.
DONNYBROOK – 33.213	£ Donnybrook Road	33.125	BB, PG, EGL, VIC, SG	E0331	
	Ω Whittlesea Road (Beveridge Road)	41.413	BB, VIC, SG	E0414	
WALLAN – 47.488	Ω ♣ Wallan – Whittlesea Road	47.244	BB, VIC, SG	E0472	19015
	* Station Access	47.555	PG, EGL, VIC	E0475	
HEATHCOTE JUNCTION – 53.450	£ Epping Kilmore Road	50.653	BB, VIC, SG	E0506	
	Pedestrian Crossing	53.403	PG, VIC, SG	E0534	
	£ Escrites Road	53.618	BB, VIC, SG	E0536	
WANDONG – 55.291	* Station Access	55.246	PG, EGL, VIC	E0552	
KILMORE EAST – 63.485	* Station Access	63.553	PG, EGL, VIC	E0635	
BROADFORD – 75.168	£ Dry Creek Road	70.960	BB, VIC, SG	E0709	
	* Station Access	75.251	PG, EGL, VIC	E0752	
TALLAROOK – 90.208	II Dockerys Road	85.433	BB, VIC, SG	E0859	
	II Sharps and Taylors 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

PG – Pedestrian Gates

EGL – Electric Gate Latches

SG – Standard Gauge

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.

Note Ω Indicates those level crossings are operated through Axle Counter Equipment. Reset of this equipment will be in accordance with, Procedure 34 - 133 Axle Counter Level Crossing Reset Procedure from Section 34 of Book of Rules and Operating Procedures

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

Note £ Indicates those level crossings are operated through Axle Counter Equipment and local reset of Island Track is provided in accordance with Operating Procedure No. 34-133. (Modified Location).