

**BENDIGO TO DENILQUIN**

**BROAD GAUGE**

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

		CLASS OF LOCOMOTIVE					Sprinter/ Vlocity
		G, XR, BL	A, B, GM, N, S, X	H, P, T	Y		
BENDIGO and NORTH BENDIGO JUNCTION	Freight	65	65	65	65	..	..
	Pass	65	80	80	..	..	80
NORTH BENDIGO JUNCTION and EPSOM BLOCK POINT	Freight	65	65	65	65	..	..
	Pass	..	..	..	..	..	80
EPSOM BLOCK POINT and GOORNONG	Freight	80	80	80	65	..	-
	Pass	..	115	100	65	..	130
GOORNONG and ECHUCA	Freight	65	65	65	65	..	..
	Pass	..	..	..	..	..	80
ECHUCA	ALL	40	40	40	40	..	..
Between Signals ECH6/ECH8 and Signal U							40
ECHUCA and BARNES	Freight	40	40	40	40	..	..
BARNES and DENILQUIN	Freight	40	40	40	40	..	..
<b>Except</b> over MULWALA CANAL BRIDGE at 303.902km between DENILQUIN SALE YARDS SIDING and DENILQUIN	Freight	25	40	40	40	..	..

**2. SPECIAL SPEED RESTRICTIONS**

- The Speed of all trains when passing over Facing Points worked from mechanical or electrical interlocking or otherwise securely fastened, or over Trailing Points at locations listed below 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
<b>ECHUCA</b> over Single Compound Turnout at 233.63km on Down Side of Pakenham Street	25	40

- Echuca** Notice Boards are provided on the DOWN side of Murray Valley Highway Level Crossing PCR (248.934km) advising that **UP BENDIGO TRAINS** must not exceed 40 km/h to crossing.

**BENDIGO  
TRAINS MAXIMUM  
SPEED 40 KM/H TO  
CROSSING**

- Echuca** A Notice Board is provided on the DOWN end of Echuca platform advising that the Maximum Speed for an DOWN train to Pakenham Street Level Crossing PCR (233.574km) is not to exceed 40 km/h.

**MAXIMUM SPEED TO  
CROSSING 40 km/h**

- All trains are restricted to 30km/h when passing over facing points on the Toolamba Line at Echuca between the Murray Valley Highway Level Crossing and Echuca Station .
- All trains are restricted to 30km/h when passing over points at Mathoura, Deniliquin Rice Growers.

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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
<b>DOWN</b>													
<b>Bendigo TO</b>													
ECHUCA	4180	4180	3800	4180	4180	3420	3210	2780	2500	2330	2100	1680	1510
DENILQUIN	<b>3240</b>	<b>2650</b>	<b>2370</b>	<b>2650</b>	<b>2500</b>	<b>2250</b>	<b>2070</b>	<b>1900</b>	<b>1710</b>	<b>1700</b>	<b>1530</b>	<b>850</b>	<b>770</b>
<b>UP</b>													
<b>Denilquin TO</b>													
ECHUCA	..	..	..	..	..	..	..	3140	2830	2930	2460	1940	1740
GOORNONG	4180	4180	4180	4180	4180	3760	4180	3800	3800	3240	2920	2410	2170
BENDIGO	<b>2180</b>	<b>1830</b>	<b>1830</b>	<b>1830</b>	<b>1620</b>	<b>1450</b>	<b>1270</b>	<b>1110</b>	<b>1000</b>	<b>1015</b>	<b>910</b>	<b>660</b>	<b>590</b>

**4. SAFeworking SYSTEMS**

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

Train Order Working is in force between NORTH BENDIGO to DENILQUIN

	STATUS – ATTENDED	STATUS – UNATTENDED
NORTH BENDIGO	Train Order Terminal Station	Attended for all Trains
EPSOM BLOCK POINT	Block Point Location	Block Point Location
HUNTER BLOCK POINT	Block Point Location	Block Point Location
ECHUCA	Intermediate Terminal Station	Intermediate Terminal Station
HENWOOD BLOCK POINT	Block Point Location	Block Point Location
MOIRA BLOCK POINT	Block Point Location	Block Point Location
DENILQUIN	Unattended location	Unattended Train Order Terminal Station

A Train Order may be issued between NORTH BENDIGO and ECHUCA, ECHUCA to DENILQUIN.

A Through Train Order **must not** be issued through ECHUCA.

A Proceed and Return Train Order may be issued between NORTH BENDIGO and EPSOM platform.

A Proceed and Return Train Order may be issued between NORTH BENDIGO and ECHUCA.

A Proceed and Return Train Order may be issued between ECHUCA and DENILQUIN.

**5. SPECIAL NOTES**

**DENILQUIN**

Notice Boards are provided approximately 20 meters from the Ochertyre Street Level Crossing in each direction with the wording as shown requiring Train Crews to operate the test switch and to ensure the Flashing Lights are operating prior to entering the crossing

Prior to any rail movement to proceed across the Ochertyre Street Level Crossing, the train must be brought to a stand at the applicable notice board.

The competent employee must unlock and open the test switch box then operate the test switch to initiate the operation of the flashing lights

When the flashing lights are operating the movement then be proceed onto the Level Crossing

**The test switch must remain operated at all times while the rail movement is operating through the Level Crossing.**

**TEST SWITCH OPERATION**

**TRAINS MUST NOT ENTER CROSSING UNTIL LIGHTS AND BELLS ARE OPERATING**

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

LOCATION	MARKED DISTANCE FROM MELBOURNE (VIA SEYMOUR)	MARKED DISTANCE FROM MELBOURNE (VIA BENDIGO)	PLATFORM LENGTH		CLEAR LENGTH OF CROSSING ROADS (LENGTH IN METRES)	
			NO 1	NO 2	NO. 1	NO. 2
BENDIGO		162.242	263	183	..	..
NORTH BENDIGO JUNCTION		164.216			..	..
EPSOM		169.630	160		..	..
EPSOM BLOCK POINT		169.955				
GOORNONG		189.821	100			
ELMORE		206.688	73		..	..
HUNTER BLOCK POINT		214.500			..	..
ROCHESTER		223.452	92		..	..
ECHUCA	233.230	249.990	109		427	427
HENWOOD BLOCK POINT	243.000				..	..
BARNES	245.120				..	..
MOIRA BLOCK POINT	265.000				..	..
MATHOURA	272.118				..	..
DENILQUIN FREIGHTERS SIDING	302.661				..	..
DENILQUIN RICE GROWERS SIDING	303.000				..	..
DENILQUIN	306.146				..	..

**7. TRACK CLASS**

Track is maintained to the following CLASS standards:

SECTION	CLASS
NORTH BENDIGO JUNCTION – EPSOM BLOCK POINT	CLASS 4
EPSOM BLOCK POINT – GOORNONG	CLASS 2M
GOORNONG – ECHUCA	CLASS 4
ECHUCA – DENILQUIN	CLASS 4

**8. PROTECTED LEVEL CROSSINGS**

NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	MARKED DISTANCE (VIA SEYMOUR)	MARKED DISTANCE (VIA BENDIGO)	TYPE	LOCATION NUMBER	VICROADS ID NO.
	Mundy Street	162.837	BB	M1628		
	Nolan Street	164.117	BB	M1641		
	Ω Powell Street	165.483	BB	M1654		
EPSOM – 169.630	Ω II Heywood Street	166.560	BB	M1856		
	Ω Heinz Street	167.309	BB	M1673		
	Ω Golf Course Road	168.905	BB	M1689		
	Ω Howard Street	169.811	BB,PG	M1698		
	Ω Ironstone Road	170.856	BB	M1708		
	Ω Wakemans Road	176.631	BB	M1766		
GOORNONG – 189.821	♣ II Midland Highway	179.874	BB	M1798	7256	
	II Reilys Road	180.773	BB	M1807		
	Ω Whirrakee Road	182.383	BB	M1823		
	Ω Mulcairs Lane	185.666	BB	M1856		
	Ω May Reef Road	187.161	BB	M1871		
	Ω Old Murray Road	189.954	BB	M1899		
	Ω Bellholme Road	191.455	BB	M1914		
	Holmes Road	194.827	FG	M1948		
	Ω Carrs Road	197.470	BB	M1974		

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NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	MARKED DISTANCE (VIA SEYMOUR)	MARKED DISTANCE (VIA BENDIGO)	TYPE	LOCATION NUMBER	VICROADS ID NO.
ELMORE – 206.688	Ω Avonmore Cross Road		200.732	BB	M2007	
	Ω Parsons Road		203.920	BB	M2039	
	Ω Elmore Minto Road		205.959	BB	M2059	
	Ω Raywood Road		206.876	BB	M2068	
	Ω Mc Cormicks Road		211.361	BB	M2113	
ROCHESTER – 223.452	Ω Burnewang North Road		216.906	BB	M2169	
	♣ II Northern Highway		223.657	BB	M2236	7282
	II Elizabeth Street		223.969	BB	M2239	
	Ω Siphon Road		226.532	BB	M2265	
	Ω Lucas Road		230.910	BB	M2309	
	Ω Strathallan Road		235.619	BB	M2356	
ECHUCA – 249.990	Ω Anderson Road		239.483	BB	M2394	
	♣ II Murray Valley Highway		248.934	BB,EGL	M2489	6325
	Pakenham Street	233.574		FL	M2503	
	Sturt Street	233.939		FL	M2506	
	Shaw Street	235.110		FL	M2518	
	Moama Bowling Club Access Road	235.173		FL		
	Francis Street	235.471		FL	M2522	
	Ω Cobb Highway	245.602		BB	M2623	
MATHOURA – 272.118						
DENILQUIN – 306.146	⚠ Ochertyre Street	305.172		FL	M3219	

BB – Boom Barriers                      CC – Crib Crossing                      FL – Flashing Lights                      EGL – Electric Gate Latches

NSW – R.I.C. Distance from Sydney    PG – Pedestrian Gates                      VIC – Victorian Broad Gauge                      FG – Frangible Gates

- Note ♣** Level crossing fitted with VicRoads Active Advance Warning Signs and/or Co-ordinated Traffic Lights. Warning sign faults are to be reported to the VicRoads Fault Centre on 131170.
- 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 through Axle Counter Equipment. Reset of this equipment for the Level Crossing Track will be in accordance with Procedure 133 - Axle Counter Level Crossing Reset Procedure, Section 34 of Book of Rules and Operating Procedures
- Note ⚠** Indicates this level crossing is operated only by operation of the test switch.
- Note II** Indicates that Road / Rail Vehicles are not permitted to On or Off Track at this level crossing.

**NETWORK SERVICE PLAN**