

**SOUTHERN CROSS NO. 15 & 16 PLATFORMS TO MANOR NORTH JCTN (VIA RRL LINES)**
**BROAD GAUGE**
**VIA DEER PARK JUNCTION**
**1. CLASS OF LOCOMOTIVE AND PERMITTED SPEEDS (KM/h)**

	Non-TPWS trains less than 680m	Non-TPWS trains 680- 1200m	Loco Hauled Pass Ⓢ	Vlocity /Sprinter
SOUTHERN CROSS (Platforms 15 & 16)	25	25	25	25
DOWN LINE SIGNAL SSS 909 / SSS 911 TO SPION KOP JUNCTION	25	25	65	65
UP LINE – SPION KOP JUNCTION TO SIGNAL SSS908 / SSS 910	25	25	65	65
UP and DOWN RRL LINES between SPION KOP JUNCTION and WEST FOOTSCRAY	35	25	65	80
UP and DOWN RRL LINES between WEST FOOTSCRAY and SUNSHINE	65	50	100	130
UP and DOWN RRL LINES between Sunshine and BENDIGO JUNCTION	40	40	70	80
DOWN Line – SUNSHINE SIGNAL SUN 909 to Down Side ARDEER KP 15.414	80	65	115	115
DOWN Line – Down Side ARDEER KP 15.414 to KP 19.350 DEER PARK JUNCTION	80	65	115	130
Up Line – KP 19.350 – DEER PARK JUNCTION to KP 15.460 ARDEER	65	50	110	115
Up Line – KP 15.460 ARDEER to SUNSHINE SIGNAL POST SUN 914	80	65	100	115
UP AND DOWN RRL LINES Deer Park Junction KP 19.350 and Manor Junction KP 47.432	80	65	115	130

Ⓢ Subject to any lesser motive power restrictions

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

REGIONAL FAST RAIL CORRIDOR – SUNSHINE TO DEER PARK JUNCTION	VLOCITY
DOWN Line Down Side ARDEER KP 15.414 to KP 19.350 DEER PARK JUNCTION	160
UP and DOWN RRL LINES Deer Park Junction KP 19.350 and Manor Junction KP 47.432	160
UP Line DEER PARK JUNCTION to KP 15.460 ARDEER	As per table 1 above for Sprinter/Vlocity
UP Line KP 15.460 ARDEER to SUNSHINE	As per table 1 above for Sprinter/Vlocity

**2. SPECIAL SPEED RESTRICTIONS**

Nil.

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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>													
Melbourne to SUNSHINE (via RRL Lines)	2790	1830	1830	1830	1625	1625	1625	1220	1220	1220	1220	730	730
Sunshine to DEER PARK JUNCTION	2790	1830	1830	1830	1625	1625	1625	1420	1420	1420	1420	915	915
TARNEIT													
WYNDHAM VALE													
MANOR JCTN													
<b>UP</b>													
Manor Junction to WYNDHAM VALE													
TARNEIT													
DEER PARK JUNCTION	1450	1625	1625	1625	1625	1625	1625	865	865	865	865	635	635
SUNSHINE													
Sunshine to MELBOURNE (Via RRL Lines)	3170	2880	2135	2135	2135	2135	2135	1625	1625	1625	1625	1220	1220

**4. SAFEWORKING SYSTEMS**

Automatic Block signalling is in force on the UP and DOWN RRL lines between SOUTHERN CROSS STATION AND DEER PARK WEST JUNCTION.

Automatic Block signalling is in force on the UP and DOWN RRL lines between DEER PARK JUNCTION and MANOR JUNCTION.

The Signalling on the RRL lines from Southern Cross Station to Manor Junction and within the Stabling Roads at Wyndham Vale is operated from Signalling Visual Display Units at Centrol

**5. SPECIAL NOTES**

No Special Notes

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

LOCATION	MARKED DISTANCE FROM MELBOURNE (KM)	PLATFORM LENGTH (METRES)	CLEAR LENGTH OF CROSSING ROADS (METRES)	
			NO. 1	NO. 2
SOUTHERN CROSS STATION				
Platform No 15	0.199	232	232	
Platform No 16	0.212	217	226	
SOUTH KENSINGTON JUNCTION (Crossover to Metro Lines)	3.0	N/A		
SOUTH KENSINGTON		N/A		
SUNSHINE	12.254	190		
ARDEER	15.108	159		
DEER PARK	17.825	158		
DEER PARK JUNCTION	19.350	N/A		
TARNEIT	29.265	250		
WYNDHAM VALE	40.250	250		
WYNDHAM VALE STABLING			**Head Shunt - 262	Stabling Road No 1, 2, 3 and 4 - 346
WYNDHAM VALE SOUTH	42.735		**300 (turn-back road)	80 (track machine holding road)
MANOR JUNCTION	47.432			

\*\*Nil trains to be stabled on the Head Shunt at Wyndham Vale or the turn-back road at Wyndham Vale South.

**7. TRACK CLASS**

Track is maintained to the following class standards:

SECTION		CLASS
SOUTHERN CROSS 15 & 16 PLATFORMS – And WEST FOOTSCRAY	Up and Down lines	CLASS 3
WEST FOOTSCRAY – SUNSHINE	Up and Down lines	CLASS 2M
SUNSHINE – DEER PARK JUNCTION	Down line KP 12.353 – KP 15.269	CLASS 2M
	Down line KP 15.269 – KP 20.983	CLASS 1
SUNSHINE – DEER PARK JUNCTION	Up line KP 12.353 – KP 20.983	CLASS 2M
DEER PARK JUNCTION – MANOR JUNCTION	Up and Down lines	CLASS 1

**8. PROTECTED LEVEL CROSSINGS**

NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	DISTANCE (KM)	TYPE	LOCATION NUMBER	VICROADS ID NO.
TOTTENHAM – 9.070	**Tottenham Yard Access Crossing	8.520	BB		
ARDEER – 15.05	Sydney Street	13.311	PG	AO133	
	Adelaide Street	13.574	PG	AO135	
	Young Street	14.124	PG	AO141	
	Tower Street	14.434	PG	AO144	
	Ardeer Station	15.051	PG	AO150	
	West Street	15.590	PG	AO155	
	Fitzgerald Road	16.002	BB, PG	AO160	
DEER PARK – 17.825	Station Road	17.646	BB, PG	AO176	
	Deer Park Station	17.938	PG	AO179	
	Robinson's Road	19.306	BB, PG	AO193	

**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

\*\* This crossing is to be operated in accordance with the procedure described in the Book of Rules and Operating Procedures Section 34 – 013A RRL Lines South Kensington – Footscray - Sunshine

**NETWORK SERVICE PLAN**