

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)

		G, XR, BL	A, B, GM N, S, X	H, P, T	Y	Vlocity /Sprinter
SOUTHERN CROSS (Platforms 15 & 16)	Pass with TPWS All Freight/ Trains without TPWS	N/A 15	25 15	25 15	N/A 15	25 15
DOWN LINE SIGNAL SSS 909 /SSS 911 TO SPION KOP JUNCTION	Pass with TPWS All Freight/ Trains without TPWS	N/A 15	65 15	65 15	N/A 15	65 15
UP LINE – SPION KOP JUNCTION TO SIGNAL SSS908/ SSS 910	Pass with TPWS All Freight/ Trains without TPWS	N/A 15	65 15	65 15	N/A 15	65 15
UP and DOWN RRL LINES between SPION KOP JUNCTION and WEST FOOTSCRAY	Pass with TPWS All Freight/ Trains without TPWS	N/A 35	65 35	65 35	N/A 35	80
UP and DOWN RRL LINES between WEST FOOTSCRAY and SUNSHINE	Pass with TPWS All Freight/ Trains without TPWS	N/A 65	100 65	100 65	N/A 65	130
UP and DOWN RRL LINES between Sunshine and BENDIGO JUNCTION	Pass with TPWS All Freight/ Trains without TPWS	N/A 40	70 40	70 40	N/A 40	80
Down Line – SUNSHINE SIGNAL SUN 909 to KP 19.350 DEER PARK JUNCTION	Pass with TPWS All Freight/ Trains without TPWS	N/A 80	115 80	100 80	N/A 65	VL160/Spr130
Up Line – KP 19.350 – DEER PARK JUNCTION to KP 15.460 ARDEER	Pass with TPWS All Freight/ Trains without TPWS	N/A 65	110 65	100 65	N/A 65	130
Up Line – KP 15.460 ARDEER to SUNSHINE SIGNAL POST SUN 914	Pass with TPWS All Freight/ Trains without TPWS	N/A 80	100 80	100 80	N/A 65	VL130/ Spr115
UP AND DOWN RRL LINES Deer Park Junction KP 19.350 and Manor Junction KP 47.432	Pass with TPWS All Freight/ Trains without TPWS	N/A N/A	115 N/A	100 N/A	N/A N/A	VL160/ Spr130

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

REGIONAL FAST RAIL CORRIDOR – SUNSHINE TO DEER PARK JUNCTION	VLOCITY
DOWN Line SUNSHINE SIGNAL SUN 909 to KP 19.350 DEER PARK JUNCTION	160
UP and DOWN RRL LINES Deer Park Junction KP19.350 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

- Only trains fitted with TPWS are permitted to operate on the UP and DOWN RRL Lines between Deer Park Junction KP19.350 and Manor Junction KP47.432.

NETWORK SERVICE PLAN

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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 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														
UP														
Manor Junction to WYNDHAM VALE														
TARNEIT														
DEER PARK JUNCTION SUNSHINE	1450	1625	1625	1625	1625	1625	1625	865	865	865	865	635	635	
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 is operated from a Signalling Visual Display Unit 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)	CLEAR LENGTH OF CROSSING ROADS (LENGTH IN METRES)	
		NO. 1	NO. 2
SOUTHERN CROSS STATION			
Platform No 15	0.199	232 m	
Platform No 16	0.212	226 m	
SOUTH KENSINGTON JUNCTION (Crossover to Metro Lines)	3.0		
SOUTH KENSINGTON			
SUNSHINE	12.254		
ARDEER	15.590		
DEER PARK	17.825		
DEER PARK JUNCTION	19.350		
TARNEIT	29.265		
WYNDHAM VALE	40.250		
WYNDHAM VALE SOUTH	42.735	**379m (turn-back road)	80m (track machine holding road)
MANOR JUNCTION	47.432		

** Nil trains to be stabled on 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 2
SUNSHINE – DEER PARK JUNCTION	Down line	KP 12.353 – KP 15.269	CLASS 2
	Down line	KP 15.269 – KP 20.983	CLASS 1
SUNSHINE – DEER PARK JUNCTION	Up line	KP 12.353 – KP 20.983	CLASS 2
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