

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 9 | 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 | VL160/ Spr130 |
| 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 | VL160/ Spr130 |

9 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 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

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 | |
| 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 to 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

NETWORK SERVICE PLAN

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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 | 15.108 | | |
| 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 Down line KP 15.269 – KP 20.983 | CLASS 2 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

CC – Crib Crossing

FL – Flashing Lights

IG – Interlocked Gates

NSW – R.I.C. Distance from Sydney

PB – Pedestrian Barriers

PG – Pedestrian Gates

SG – Standard Gauge

T – Equipped with Telephone Communication

VIC – Victorian Broad 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