

ISSUE NO. 38

WEEK BEGINNING 21/09/2021

Office of Head of Network Safety  
Level 15, 700 Collins St

Issued on behalf of Metro Trains and V/Line

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# Weekly Operational Notice



# THE WEEKLY OPERATIONAL NOTICE

THE WEEKLY OPERATIONAL NOTICE is issued every Tuesday. An acknowledgement of its receipt is not necessary. Every person whose duty requires them to have a copy is held responsible for obtaining one of each issue, and for communicating to their staff any instructions applicable to them. If not received at the usual time or in doubt as to your obligations, contact your Supervisor.

## TEMPORARY REDUCTIONS OF SPEED OF TRAINS

Notice to Drivers, Second Persons, Track Force Protection Coordinators and others.

- a) (i) Repairs and renewals are being affected at the following places and, until further notice, the speed of trains must, if required, be reduced as shown. Each location will be protected when necessary, either hand signals, or by special permanent way signals. Train Crews must keep a good look-out at these locations for such signals, which must be exhibited in accordance with these rules.  
  
(ii) In the absence of such signals, trains may be run at the ordinary rate of speed.
- b) Drivers are reminded that repairs of lines necessitating reductions of speed, of which it has not been able to give notice, may be necessary at other places beside those mentioned in this notice. They must, therefore, be always on the lookout and be prepared to stop or to run at reduced speed whenever and wherever hand signal are exhibited.
- c) Work Group Supervisors and others in charge of works at the following places where the requirements render it necessary that the speed of train be reduced, must understand that this information does not in any way relieve them of the responsibility of seeing that Competent hand signallers, furnished with the necessary Hand Signals and Audible Track Warners are stationed at the places named for the purpose of signalling in accordance with these rules, or that the special way Warning and Caution signals are exhibited, as each case may require. Special permanent way warning and Caution signals are exhibited at the locations contained in the following tables. For instructions regarding the use of these signals see Rule 7, Section 15 of the Rules and Operating Procedures 1994.
- d) Unless otherwise specified, all reductions of speed shown in this notice apply until the issue of the next Weekly Operational Notice. Any temporary reduction of speed which appeared in the last issue of the Weekly Operational Notice, and which is not included in this edition, may be regarded as cancelled.
- e) Subject to any temporary modifications in the foregoing or other current instructions, the permanent way reductions of speed and the speed limitations shown in the Working Time-tables, and all additions to and amendments thereof, must be carefully observed. Signallers, Train crews, Work Group Supervisors, Gangers and others must promptly report their Supervisors, any case in which they observe trains running in excess of the speed laid down at or between any of the points where speed is appointed to be reduced. These reports must be forwarded to the Safety Manager of the relevant company.



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# METROPOLITAN RAIL NETWORK

## TEMPORARY SPEED RESTRICTIONS

| AS FROM  | STATIONS BETWEEN   | KM START | KM END | TSR SPEED  | CIRCULAR  | REASON  |
|--|--|----------|--------|------------|-----------|---|
| <b>INNER AREA</b>  |  |          |        |            |           |   |
| Nil  |  |          |        |            |           |   |
| <b>WESTERN LINES</b>   |  |          |        |            |           |   |
| 24/04/19   | South Kensington - Footscray<br>(Up Through Suburban Line) | 3.600    | 3.700  | 60*        | TS.009/19 | Track Geometry.   |
| * Circular TS.109/2018 Is cancelled and replaced by TS.009/2019 a/c alteration to speed restriction.   |  |          |        |            |           |   |
| 24/05/21   | Sunbury (Down line)  | 37.860   | 38.630 | 130        | TS.034/21 | V/line Driver training.   |
| 22/08/19   | Spotswood - Seddon<br>(Up Line)                            | 7.930    | 6.735  | P60<br>G35 | TS.109/19 | SPAD mitigation for the inadequate signal spacing between W292 and W286.  |
| NOTE: As the speed reduction is for SPAD mitigation only, the 'N' and 'NS' boards are placed at the same point.  |  |          |        |            |           |   |
| *21/05/21  | Werribee<br>(East & West Lines)                            | 30.759   | 34.442 | 60         | TS.032/21 | Operational requirements, reduced warning times for Browns Road level crossings, unconsolidated ballast for new track construction. Ballast retention issue on Werribee River bridge; Turn out design issue in accordance with Chief Engineers directive, points Nos. 3U & D, 11, 21 and 23U & D. |
| * Circular TS.003/2021 is cancelled and replaced a/c alterations to reasons for speed restriction.   |  |          |        |            |           |   |
| <b>NORTHERN LINES</b>  |  |          |        |            |           |   |
| 26/11/19   | Pascoe Vale - Broadmeadows<br>(Down line)                  | 11.949   | 15.887 | G55        | TS.142/19 | Deficient signal spacing and overlap for Goods  |
| 26/11/19   | Broadmeadows - Oak Park<br>(Up line)                       | 15.567   | 13.065 | P65        | TS.140/19 | Signal Spacing and Overlap deficiencies   |
| 26/11/19   | Broadmeadows - Oak Park<br>(Up line)                       | 16.735   | 13.065 | G40        | TS.141/19 | Deficient signal spacing and overlap for Goods  |
| 05/07/19   | Broadmeadows - Roxburgh Park<br>(Down Line)                | 17.512   | 18.325 | 80         | TS.084/19 | Smeaton Avenue warning times  |
| 26/11/19   | Coolaroo - Broadmeadows<br>(Up line)                       | 18.228   | 17.432 | P100       | TS.139/19 | Signal Spacing and Overlap deficient for N-Class Passenger Trains   |
| *12/08/21  | Roxburgh Park - Broadmeadows<br>(Up line)                  | 21.246   | 18.325 | 110        | TS.062/21 | Operational requirements a/c Signalling (28/05/2007) and warning times for Dunkeld St & Smeaton Ave.  |
| *Circular TS.036/2017 Is Cancelled And Replaced A/C Speed Reduced To 80 Kph. Circular TS.001/2017 Is Cancelled And Replaced a/c Area Of Speed Restriction Reduced And Speed Increased To 100 Kph. TS.011/2019 is cancelled and replaced by TS.036/2019 a/c area of restriction increased. TS.036/2019 is cancelled and replaced by TS.037/2019 a/c area of restriction reduced. TS.037/2019 is cancelled and replaced by TS.047/2019 a/c speed reduction. TS. 047/2019 is cancelled and replace by TS.096/2019 a/c adjacent speed restriction. TS.096/2019 is cancelled and replaced by TS.103/2019 a/c area reduced and speed increased. TS.044/2021 and TS.103/2019 are cancelled and replaced by TS.052/2021 a/c change to area of speed restriction. *TS.052/2021 is cancelled and replaced by TS.062/2021 a/c area reduced and speed increased. |  |          |        |            |           |   |
| *17/09/21  | Craigieburn<br>(Down line)                                 | 25.296   | 25.545 | 80         | TS.070/21 | Signalling issue (28/03/2011).  |

# Circular TS.077/2017 Is Cancelled And Replaced TS.108/17 a/c Area Of Restriction Reduced And Reverts To Area Of TS.023/2011.

TS.023/2011 Cancelled and Replaced by TS.077/17 a/c Area Of Restriction Extended And Speed Reduced. TS.018/11 amended by TS.023/2011 on 15/05/11. \*TS.064/21 is cancelled and replaced by this circular a/c area of restriction reduced.

|           |                                |        |        |    |           |   |
|-----------|--------------------------------|--------|--------|----|-----------|---|
| 11/11/20  | Flemington Bridge - Royal Park | 4.409  | 5.334  | 65 | TS.074/20 | Level crossing warning time deficiency              |
| 12/07/21  | Brunswick (Up line)            | 7.173  | 7.150  | 40 | TS.053/21 | Track geometry at Albert St. Level crossing.        |
| *05/07/18 | Thornbury - Croxton (Up Line)  | 10.551 | 10.151 | 50 | TS.083/19 | Normanby Ave & Woolton Ave Level crossing approach. |

\* TS.003/18 cancelled and replaced by TS.008/18 a/c provision of reminder 'C' Board at Up end of Thornbury Station. TS.121/17 cancelled & replaced by TS.003/18, reverting to TS.051/2015. TS.051/2015 cancelled and replaced by TS.111/17 a/c condition of sleepers in Thornbury pit. TS.111/17 cancelled and replaced by TS.112/17 reverting to TS.051/15. Circular TS.112/2017 cancelled and replaced by TS.121/17 a/c RFD fault. \*TS.008/18 is cancelled and replaced by TS.083/19 a/c speed and area of restriction reduced.

|          |                      |        |        |            |           |                               |
|----------|----------------------|--------|--------|------------|-----------|-------------------------------|
| 01/09/20 | Eltham (Single Line) | 26.895 | 27.091 | 40P<br>20G | TS.059/20 | Condition of bridge structure |
|----------|----------------------|--------|--------|------------|-----------|-------------------------------|

#### EASTERN LINES

|           |   |        |        |     |           |  |
|-----------|---|--------|--------|-----|-----------|--|
| 08/08/21  | Camberwell - Auburn (Up line)                                     | 9.945  | 9.738  | 40  | TS.068/21 | Poor track geometry.                                 |
| #19/02/20 | Ringwood (Up & Down Lilydale Lines)<br>(Up & Down Belgrave Lines) | 25.950 | 26.000 | G20 | TS.014/20 | Condition of Warrandyte Road Rail Bridge             |
| #20/07/20 | Ringwood - Ringwood East (Down Line)                              | 26.940 | 27.260 | 70  | TS.044/20 | Operational Requirement, approach to Level crossing. |

# Circular TS.028/2020 is cancelled and the restriction a/c condition of Warrandyte road bridge is now deleted and the original restriction per TS.082/2008 is now applicable.

#### SOUTHERN LINES

|   |   |                   |                   |               |                      |  |
|---|---|-------------------|-------------------|---------------|----------------------|--|
| 24/05/21  | Toorak - Armadale (Up Caulfield Through Line) | 8.253             | 8.251             | 55            | TS.033/21            | Signal Sighting for signal F220.   |
| * Circular TS.031/2021 Is Cancelled And Replaced A/C original area and speed reverted to. |   |                   |                   |               |                      |  |
| 05/08/21  | Springvale - Noble Park (Up Line)             | 26.000            | 25.080            | 65            | TS.060/21            | Multiple mud holes causing rough ride.   |
| 19/02/21  | Pakenham (South Line)                         | 60.922            | 60.974            | 40            | TS.011/21            | Condition of overhead contact wire   |
| <del>03/08/21</del>   | <del>Aspendale - Carrum (Up Line)</del>       | <del>36.202</del> | <del>30.226</del> | <del>55</del> | <del>TS.059/21</del> | <del>Edithvale, Chelsea &amp; Bonbeach Station closures to prevent trains running ahead of time.</del> |
| <del>03/08/21</del>   | <del>Aspendale - Carrum (Down Line)</del>     | <del>30.384</del> | <del>33.336</del> | <del>55</del> | <del>TS.059/21</del> | <del>Edithvale, Chelsea &amp; Bonbeach Station closures to prevent trains running ahead of time.</del> |
| @09/02/21   | Edithvale - Bonbeach (Up and Down Lines)      | 31.900            | 35.200            | 40            | TS.008/21            | SPA project piling works   |

Note: The Temporary Speed restriction will apply as required based on the critical rail temperature. Outside these times the Warning and Caution boards will be obscured.

@ TS.078/2020 replaced by TS.008/2021 a/c altered area and application of temporary speed restriction

|           |  |        |        |    |           |   |
|-----------|--|--------|--------|----|-----------|---|
| 26/03/15  | Frankston (Up & Down lines and Nos. 1, 2, 3 & 4 Rds) | 43.669 | 43.869 | 30 | TS.026/15 | Frankston mechanical interlocking conflicting short overlap and no signal enforcement overlap protection. |
| 08/07/19  | Somerville (Up Trains)                               | 55.781 | 55.781 | 70 | TS.087/19 | Passive Pedestrian crossing non-compliant sighting distance.  |
| 08/07/19  | Somerville (Down Trains)                             | 55.781 | 55.781 | 50 | TS.086/19 | Passive Pedestrian crossing non-compliant sighting distance.  |
| *01/07/21 | Somerville - Hastings                                | 62.162 | 63.209 | 50 | TS.049/21 | Occupation Crossing Approaches  |

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(Up and Down Trains)

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\*TS.046/21 is cancelled and replaced by TS.049/21 a/c area of temporary speed restriction reduced and original speed and area reverted to.

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# INFRASTRUCTURE BOOKED OUT OF SERVICE

| LOCATION   | CIRCULAR    | EQUIPMENT   | CAUSE  |
|--|-------------|---|--|
| Newport ('E' Siding)   | -           | 615 Points  | Condition of Siding  |
| Brighton Beach (25/07/10)  | SW.170/2010 | No. 1 track   | Track not returned to service after UBU Project.                 |
| Newport Workshops<br>Garden Platform No. 2   | SW.168/2018 | No. 2Track  | Clearance requirements in Rd 2.                                  |
| Circular SW.453/2018 & SW.060/2019 are cancelled and replaced by SW.196/2019 A/C No. 3 track restored to service.  |             |   |  |
| TS.196/2019 Cancelled A/c No. 1 Garden Platform Track Restored to Service.   |             |   |  |
| Flinders Street  | SW.301/2014 | Parcels Dock Siding and points Nos. 38, 40U & 40D, 41, 43 & 48, Points Nos. 227 & 471 (in lead between City Circle & Burnley Loop Viaducts and tracks Nos. 6 - 9A inclusive). | Signalling Strategy/Junction Rationalisation Project             |
| Flinders Street (22/10/18)   | SW.625/2019 | No. 1A track and Points Nos. 052, 053 & 055. (Disarrangement of Interlocking)   | Unavailable for rail traffic                                     |
| Flinders Street (17/06/13)   | SW.279/2013 | ^No. 1 West Track   | Track condition  |
| ^ A water hydrant line installed a/c urgent works is foul of the Booked Out portion of line & a deficient fouling point between track numbers 136T & 45T has been identified and MUST not be booked back into service without the permission of the Chief Engineer and the Track Delivery Manager. No impact to operational lines. |             |   |  |
| Pakenham (25/11/13)  | -           | Siding A (Previously known as "Works Siding")   | Condition of rail (rust)   |
| Stony Point  | SW.528/2019 | Down End WSA Hand Points  | Condition of turnout   |
| Southern Cross (Spencer Street)  | SW.301/2014 | Points No. 14U & 14D. (Between No. 8 South Track and the City Circle Loop Viaduct line).  | Signalling Strategy/Junction Rationalisation Project             |
| Ashburton (26/11/14)   | SW.720/2020 | Siding  | Track condition suitable for track machines only                 |
| Footscray  | TBA         | Emergency Crossover   | Condition of Points  |
| Broadmeadows   | SW.400/2018 | Points Nos. 424D & 424U   | Fouling Point Deficiencies                                       |
| Flemington Racecourse  | SW.413/2018 | Nos. 2 & 3 Tracks<br>Points No.438 & Derail No. 436   | Insufficient track centres for train preparation.                |
| Upper Ferntree Gully   | SW.445/2018 | Siding 'C'  | Track Condition suitable for Tamping and Grinding consists only. |
|  | SW.484/2018 | Points No. 19   | Fouling Point Deficiencies                                       |
| Keon Park  | SW.560/2019 | Points No. 001  | Route Locking Issues   |
| Enquiries concerning the above should be directed to 9610 3673.  |             |   |  |

# SAFEWORKING NOTICES

## PAKENHAM - PAKENHAM EAST

### ISSUE OF NEW SIGNALLING DIAGRAM

Commencing forthwith, the following signal diagram is effective.

| <u>NEW<br/>DIAGRAM<br/>NUMBER</u> | <u>TITLE OF DIAGRAM</u>   | <u>DIAGRAM<br/>CANCELLED</u> |
|-----------------------------------|---------------------------|------------------------------|
| 69/21                             | PAKENHAM TO PAKENHAM EAST | 79/18                        |

Signalling Diagram No. 69/21 has been issued a/c to correctly indicate Signal posts PKM758, PKM760 & PKM762 as Home Signals as advertised vide SW.494/2019.

**MTM SW.639/2021**

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**CIRCULAR SW.800/2020 IS CANCELLED AND REPLACED BY THIS CIRCULAR**

**ALTERATIONS ARE HIGHLIGHTED IN YELLOW**

## MACAULAY - FLEMINGTON BRIDGE

### RESTRICTION ON OPERATION OF LOCOMOTIVE HAULED TRAINS, LIGHT LOCOMOTIVES & DIESEL RAIL CARS

Commencing forthwith, due to the condition of the decking and bridge girders on the Racecourse Road Bridge located between Macaulay & Flemington Bridge Stations, the following restriction will apply until further notice:-

Except as outlined below, no locomotive hauled freight, plant, passenger train (including steam locomotives), Light Locomotive or Diesel Rail Cars are permitted to operate beyond Macaulay unless written approval is obtained from the Office of the Chief Engineer.

The Chief Engineer has authorised the operation of the IEV100, IEV102 and the EV120 operating in a push / pull configuration with P-class and T-class locomotives, at a maximum speed of 15km/h.

**MTM SW.658/2021**

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# WTT NETWORK CONFIGURATION [NC] – CHANGE NOTICE

COMMENCING FORTHWITH

## L1-CHE-MAN-016 - Metro Rolling Stock

Change description: HCMT fitted with train mounted gap fillers restriction update and HCMT authorisation to stop at Malvern Station platform 3 and 4.

Pages altered: **13 and 14**

Summary insert:

| Line                | Siemens Trains  |   | X'Trapolis Trains |   | HCMT            |   |
|---------------------|-----------------|---|-------------------|---|-----------------|---|
|                     | Revenue Service | Non-Revenue, Maintenance, Testing & Driver Training | Revenue Service   | Non-Revenue, Maintenance, Testing & Driver Training | Revenue Service | Non-Revenue, Maintenance, Testing & Driver Training |
| <b>BURNLEY LOOP</b> | YES             | YES   | YES               | YES   | NO              | YES Bi-directional****                              |
| <b>MERNDA</b>       | NO              | YES   | YES               | YES   | NO              | YES****   |
| Epping Sidings      |                 | Yes   |                   | Yes   |                 | YES   |

\*\*\*\* HCMT fitted with train mounted gap fillers are not to be operated on corridors where PGF (platform mounted gap fillers) are fitted at an offset of 1490mm from track centerline (Burnley and Clifton Hill Group).

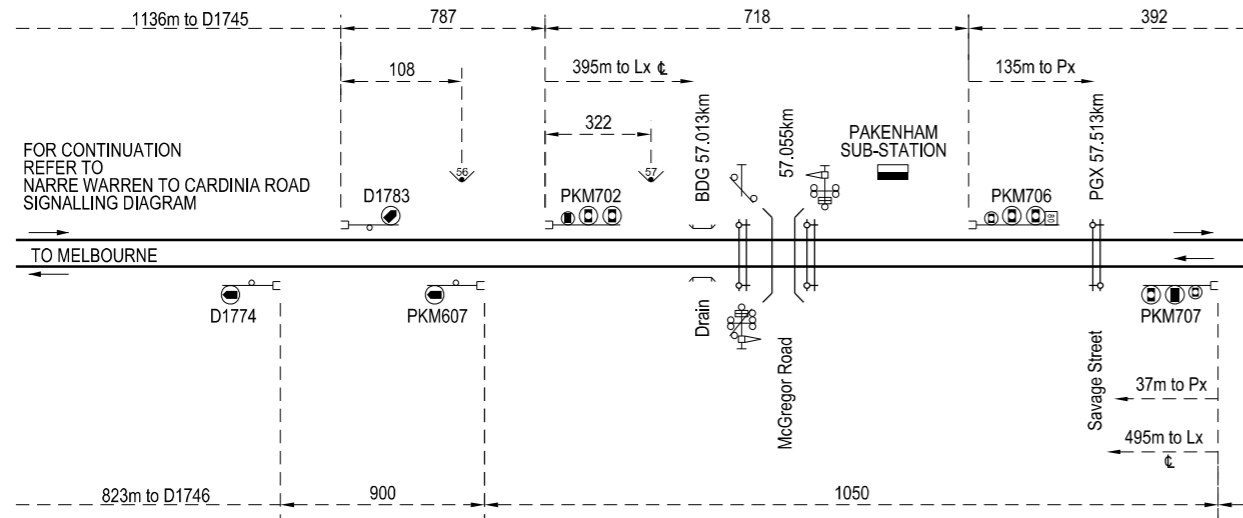
|                       |     |     |    |     |       |     |
|-----------------------|-----|-----|----|-----|-------|-----|
| <b>PAKENHAM</b>       | YES | YES | NO | YES | YES** | YES |
| Pakenham East Sidings |     | NO* |    | NO* |       | YES |
| Pakenham Sidings      |     | Yes |    | Yes |       | NO  |
| Dandenong Sidings     |     | Yes |    | Yes |       | YES |
| Westall Sidings       |     | Yes |    | Yes |       | YES |
| Caulfield Sidings     |     |     |    | No  |       | NO  |

\*Comeng, Siemens & X'Trapolis trains are permitted to operate from signals PKM752 or PKM754 to Pakenham East Depot Train gates for purpose of HCMT recovery.

\*\*HCMT is not permitted to stop at Hawksburn, Toorak, Armadale and **Malvern platform 1 and 2.**

**MTM SW.656/2021**





(PKM\_G0256A)  
**PAKENHAM TO PAKENHAM EAST**  
 SIGNALLING DIAGRAM No: 69/21  
 (Replaces No. 73/18)

Showing Signal and Interlocking Arrangements to come into use on a date to be fixed by Circular which will be issued by the Head of Network Safety (MTM) and General Manager Compliance and Safeworking (V/LINE)

01/09/2021

WAYNE BASTIN  
 Head of Network Safety  
 MTM

per Lionel J. Cullen  
 RUPERT CAPPER  
 GENERAL MANAGER COMPLIANCE & SAFEWORKING  
 V/LINE

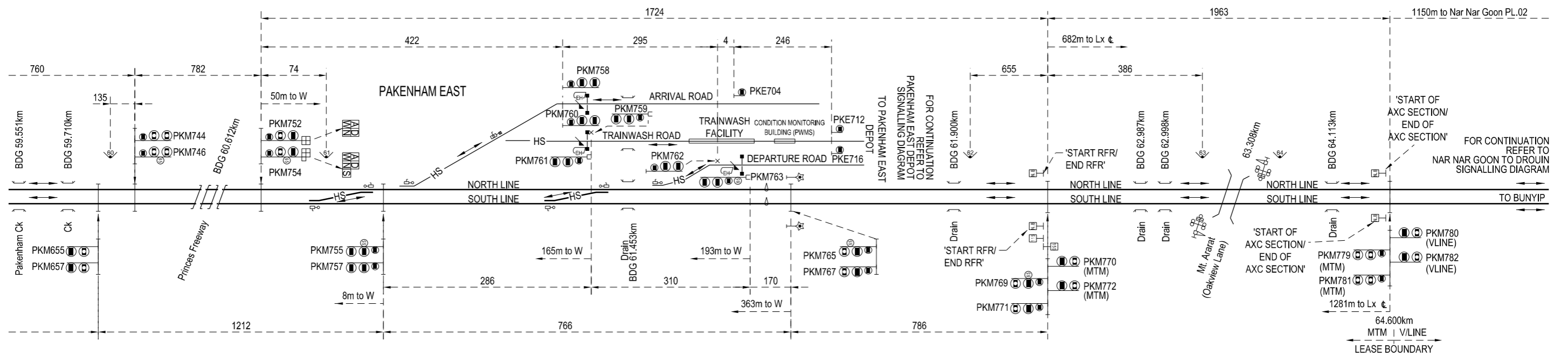
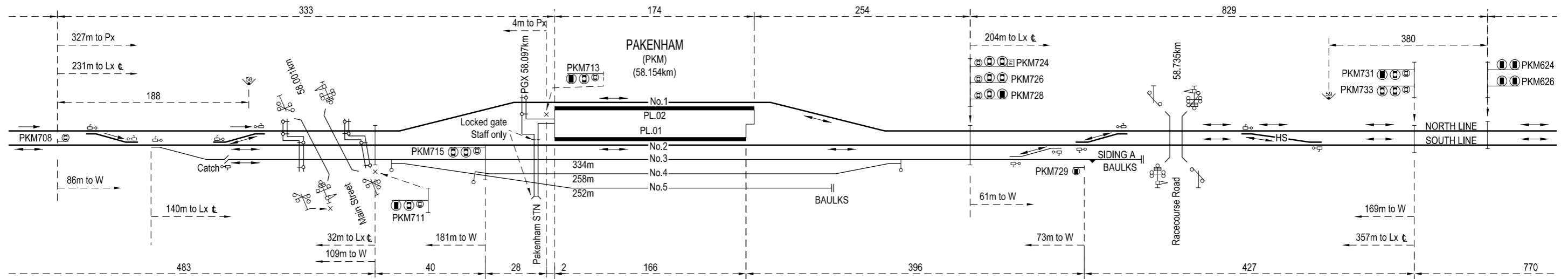
06/09/2021

**NOTES:**

- All dimension in metres.
- Siding dimensions indicate standing room clear of crossing & adjacent track.
- Distance from signal to level crossing denoted by 'X'm to LX ☿'
- Distance from signal to independent pedestrian crossing denoted by 'X'm to PX ☿'
- Distance from signal to first set of point denoted by 'X'm to W ☿'
- Fixed Trainstop shown
- Security Gates shown

**Route Indicator denotes:**

- A - DEPOT ARRIVAL ROAD
- D - DEPOT DEPARTURE ROAD
- W - DEPOT WASH ROAD
- N - NORTH LINE
- S - SOUTH LINE



# VICTORIAN COUNTRY RAIL NETWORK

## TEMPORARY SPEED RESTRICTIONS

| AS FROM                               | STATIONS BETWEEN                     | KM START | KM END  | TSR SPEED | CIRCULAR  | REASON   | ESTIMATED REMOVAL DATE |
|---------------------------------------|--------------------------------------|----------|---------|-----------|-----------|--|------------------------|
| <b>SOUTH WESTERN LINES</b>            |                                      |          |         |           |           |  |                        |
| <b>Geelong - Warrnambool Line</b>     |                                      |          |         |           |           |  |                        |
| 11/11/2018                            | Marshall - Warrnambool               | 139.710  | 140.250 | 80        | TS0321/18 | Overhead Bridge Works / Princes Hwy signage issues due to VicRoads changing road approach to LX. | 31/01/2019             |
| 16/08/2021                            | Warncoort Loop - Camperdown          | 167.000  | 168.000 | 60        | TS0158/21 | Poor Track Quality. TSR altered to 60 km/h.  | 20/10/2021             |
| 21/01/2019                            | Colac - Camperdown                   | 176.200  | 176.650 | 60        | TS0037/19 | Inadequate sighting distance at Occo crossing. Down direction                                    | 30/06/2020             |
| 09/11/2020                            | Camperdown - Terang                  | 213.035  | 213.435 | 60        | TS0319/20 | Inadequate sighting distance at Occo crossing 213.435 DOWN trains only                           |                        |
| 16/08/2021                            | Camperdown - Warrnambool             | 239.000  | 240.100 | 80        | TS0157/21 | Due to recent IEV100 run and as per standard NIST-2706 TSR 80 is required until fault is removed | 20/10/2021             |
| <b>Werribee - Geelong Line</b>        |                                      |          |         |           |           |  |                        |
| 15/02/2019                            | North Geelong - Geelong (East Track) | 72.200   | 72.250  | 30        | TS0126/19 | Track condition at 133 points Geelong & Heat mitigation.   | 31/03/2019             |
| <b>WESTERN LINES (STANDARD GAUGE)</b> |                                      |          |         |           |           |  |                        |
| <b>Dimboola - Rainbow Line</b>        |                                      |          |         |           |           |  |                        |
| Nil                                   |                                      |          |         |           |           |  |                        |
| <b>Maryborough - Ararat Line</b>      |                                      |          |         |           |           |  |                        |
| 24/06/2019                            | Maryborough - Avoca                  | 198.600  | 198.800 | 40        | TS0231/19 | Vertical curve radius  |                        |
| 13/09/2019                            | Avoca - Ararat                       | 240.760  | 243.920 | 25        | TS0294/19 | Line of Sight restricted at 3 occupation crossings, 240.960, 241.506, 243.720                    |                        |
| 09/09/2019                            | Avoca - Ararat                       | 252.157  | 254.590 | 25        | TS0292/19 | Line of Sight restricted at 2 occupation crossings: 252.357, 254.390                             |                        |
| 07/12/2018                            | Ararat - Avoca                       | 257.902  | 259.065 | 25        | TS0372/18 | Line of sight restricted at 2 occupation crossings: 258.102, 258.456.                            |                        |
| 09/09/2019                            | Wiltshire Block Point - Ararat       | 262.487  | 264.190 | 25        | TS0293/19 | Line of sight restriction a 2 occupation crossings: 262.687, 262.820                             |                        |
| <b>Murtoa - Hopetoun Line</b>         |                                      |          |         |           |           |  |                        |
| 09/10/2016                            | Murtoa - Hopetoun                    | 348.730  | 349.330 | 10        | TS0147/16 | Level crossing track circuit altered (shortened) > 18/07/16 Track geometry fault also.           | 31/12/2020             |

|            |                              |         |         |    |           |   |            |
|------------|------------------------------|---------|---------|----|-----------|---|------------|
| 19/02/2020 | Warracknabeal - Hopetoun     | 350.350 | 408.397 | 40 | TS0048/20 | 3 x previous TSR's combined (TS0078/10, TS0373/19 and TS0374/19). LOS issues at Level Crossings | 31/12/2020 |
| 15/01/2021 | Henty Block Point - Hopetoun | 363.000 | 373.000 | 20 | TS0006/21 | Defective Culvert - MTAHPT-CU-368944, Creep Defects and Geometry faults                         | 01/12/2021 |

## INTERSTATE CORRIDOR MELBOURNE - WOLSELEY LINE

Refer to ARTC WebRams Access

## WESTERN LINES (BROAD GAUGE)

### Ballarat - Ararat Line

Nil

### Sunshine - Ballarat Line

|            |                                 |         |         |     |           |  |            |
|------------|---------------------------------|---------|---------|-----|-----------|--|------------|
| 07/05/2021 | Melton No. 1 Road (North Track) | 37.600  | 37.000  | 40  | TS0097/21 | Melton No. 1 Road, track condition and signal validation.                        | 30/09/2021 |
| 15/07/2021 | Rowsley Loop - Bank Box Loop    | 56.200  | 58.450  | 100 | TS0147/21 | Track geometry control as instructed by engineering                              | 30/12/2021 |
| 22/01/2021 | Ballan (North Track)            | 79.000  | 78.458  | 115 | TS0009/21 | Signal line of sight obscured by trees. TSR applies to UP Direction trains only. |            |
| 22/01/2021 | Ballan (South Track)            | 79.000  | 78.458  | 65  | TS0010/21 | Signal line of sight obscured by trees. TSR applies to UP direction trains only. |            |
| 17/06/2020 | Bungaree West End - Ballarat    | 107.000 | 113.000 | 80  | TS0224/20 | SPAD Mitigation  |            |

### Ballarat - Maryborough Line

Nil

## NORTH WESTERN LINES

### Bendigo - Echuca Line

Nil

### Bendigo - Swan Hill Line

|            |                                  |         |         |    |           |  |            |
|------------|----------------------------------|---------|---------|----|-----------|--|------------|
| 01/04/2016 | Nth Bendigo Junction - Eaglehawk | 164.327 | 166.258 | 60 | TS0042/16 | Level Crossing circuitry requirements for Thunder St and Weeroona Ave Level Crossing approach times. | 30/06/2022 |
| 27/02/2009 | Eaglehawk - Raywood              | 171.300 | 171.700 | 30 | TS0020/09 | Hopkins St level crossing, short stacking.   | 31/12/2020 |
| 02/05/2017 | Eaglehawk - Tandarra             | 183.100 | 183.520 | 60 | TS0171/17 | Line of sight for down trains approaching Fitzpatrick Rd Level Crossing.                             | 30/06/2022 |
| 21/01/2019 | Bendigo - Swan Hill              | 195.000 | 195.400 | 60 | TS0017/19 | Sight distance restricted by angles  | 30/06/2022 |
| 21/01/2019 | Bendigo - Swan Hill              | 195.400 | 195.800 | 60 | TS0019/19 | Sight distance restricted by angles - Greenhills Road  | 30/06/2022 |
| 21/01/2019 | Bendigo - Swan Hill              | 205.840 | 206.250 | 60 | TS0020/19 | Sight distance restricted by angles  | 30/06/2022 |
| 21/01/2019 | Bendigo - Swan Hill              | 206.650 | 206.240 | 60 | TS0021/19 | Sight distance restricted by angles  | 30/06/2022 |
| 16/03/2021 | Dingee - Pyramid Hill            | 228.300 | 229.100 | 60 | TS0052/21 | Rough riding on curve at the transition of curve. Poor riding at 80kph over turnout.                 |            |
| 21/01/2019 | Bendigo - Swan Hill              | 235.850 | 236.260 | 60 | TS0022/19 | Sight distance restricted by angles - Mologa Durham Ox Rd.   | 30/06/2022 |

|                                   |                                |         |         |    |           |   |            |
|-----------------------------------|--------------------------------|---------|---------|----|-----------|---|------------|
| 21/01/2019                        | Bendigo - Swan Hill            | 236.660 | 236.250 | 60 | TS0023/19 | Sight distance restricted by angles - Mologa Durham Ox Road.  | 30/06/2022 |
| 21/01/2019                        | Bendigo - Swan Hill            | 239.160 | 246.950 | 60 | TS0024/19 | Sight distance restricted by angles - Prices, O'Tools, Griffin & Abbatoirs Rd   | 30/06/2022 |
| 21/01/2019                        | Bendigo - Swan Hill            | 247.350 | 239.560 | 60 | TS0025/19 | Sight distance restricted by angles - Prices, O'Tools, Griffin & Abbatoirs Road   | 30/06/2022 |
| 21/01/2019                        | Pyramid - Kerang               | 275.560 | 275.970 | 60 | TS0026/19 | Siting distance due to Worsley Rd - Down Trains only  | 30/06/2022 |
| 21/01/2019                        | Pyramid - Kerang               | 276.370 | 275.960 | 60 | TS0027/19 | Siting distance due to Worsley Rd - UP trains only.   | 30/06/2022 |
| 21/01/2019                        | Pyramid - Kerang               | 280.480 | 280.890 | 60 | TS0028/19 | Siting distance due to McPhail Rd. Down trains only.  | 30/06/2022 |
| 21/01/2019                        | Pyramid - Kerang               | 281.290 | 280.880 | 60 | TS0029/19 | Siting distance due to McPhail Rd. Up trains only.  | 30/06/2022 |
| 21/01/2019                        | Kerang - Mystic Park           | 292.900 | 293.310 | 60 | TS0030/19 | Siting distance restriction due to White Lane - DOWN trains ONLY  | 30/06/2022 |
| 10/05/2017                        | Kerang - Mystic Park           | 293.710 | 293.300 | 60 | TS0190/17 | Siting distance due to White lane. UP trains ONLY.3   | 30/06/2022 |
| 21/01/2019                        | Kerang - Lake Boga             | 307.890 | 310.550 | 60 | TS0031/19 | Line of sight issues at Lake Road Crossing. This TSR applies to DOWN trains only.   | 30/06/2022 |
| 21/01/2019                        | Kerang - Mystic Park           | 310.970 | 308.280 | 60 | TS0032/19 | Siting distance restricted by Lake Rd & Gorton Dr. Up Trains ONLY   | 30/06/2022 |
| 28/10/2019                        | Kerang - Lake Boga             | 320.240 | 322.700 | 60 | TS0336/19 | Line of sight restricted Bailey Road and Jeffer Road DOWN TRAINS ONLY   | 30/06/2022 |
| 13/03/2019                        | Kerang - Lake Boga             | 322.900 | 320.640 | 60 | TS0139/19 | Line of sight restricted Bailey Road and Jeffer Road UP TRAINS ONLY.  | 30/06/2022 |
| 25/02/2020                        | Kerang - Swan Hill             | 336.550 | 337.900 | 60 | TS0061/20 | Rough ride report 337.200km plus change TSR to not affect LX operation Murray Valley Highway.   | 30/06/2022 |
| 21/01/2019                        | Lake Boga - Swan Hill          | 337.462 | 341.450 | 60 | TS0035/19 | Siting distance restriction due to Farm Rd, Maher Rd & Aerodrome Extension Rd - DOWN Trains ONLY.   | 30/06/2022 |
| <b>Dunolly - Korong Vale Line</b> |                                |         |         |    |           |   |            |
| 23/01/2019                        | Arnold Block Point - Inglewood | 248.700 | 250.000 | 20 | TS0068/19 | Up end points Inglewood (Eaglehawk) in poor condition. Update: 07/12/16: Non conforming sighting distance at Sullivan St and Calder Highway   | 01/01/2021 |
| <b>Dunolly - Mildura Line</b>     |                                |         |         |    |           |   |            |
| 18/07/2021                        | Donald - Watchem Loop          | 344.860 | 344.970 | 30 | TS0149/21 | Track Top 255mm over 4 Mtrs KP 344-870, Track Twist - 10 25mm KP 344-655  |            |
| 02/09/2020                        | Birchip - Ouyen                | 410.800 | 410.820 | 30 | TS0271/20 | Turnout Decommissioned State. Curyo.  | 02/02/2021 |
| 02/09/2020                        | Curyo - Woomelang              | 415.850 | 422.100 | 60 | TS0269/20 | Sighting distance restricted by angles & vegetation affecting, Rickards, Adcock, Dorans & Watchupga-Culgoa Rd Level crossings. Applies to trains in the DOWN direction only.  | 02/09/2021 |
| 02/09/2020                        | Woomelang - Curyo              | 416.250 | 424.600 | 40 | TS0272/20 | Patrolman Faults - Geometry (gauge) and sighting distance restricted by angles (Road) & vegetation affectingg Rickards, Adcock, Doran & Watchupga- Culgoa Rd level crossings. Sighting Distance applies to trains in the UP direction only. | 02/09/2021 |

|                                       |  |         |         |    |           |   |            |
|---------------------------------------|--|---------|---------|----|-----------|---|------------|
| 02/09/2020                            | Woomelang - Lascelles                              | 436.200 | 437.000 | 60 | TS0270/20 | Sighting distance restricted by angle of road and vegetation at Pearce and Barbarys Rd level crossing. Also geometry fault in level crossing. | 02/02/2021 |
| <b>Echuca - Deniliquin Line</b>       |  |         |         |    |           |   |            |
| Nil                                   |  |         |         |    |           |   |            |
| <b>Gheringhap - Ballarat Line</b>     |  |         |         |    |           |   |            |
| 25/06/2021                            | Batesford - Lethbridge BP                          | 83.000  | 83.700  | 25 | TS0132/21 | Track geometry not complying with NIST-2660   | 28/11/2021 |
| 24/01/2019                            | Lethbridge - Meredith                              | 101.259 | 103.100 | 40 | TS0073/19 | Non conforming line of sight at Quarry Lane and Lower Plains Rd   | 31/12/2019 |
| 23/01/2019                            | Gheringhap - Ballarat                              | 134.700 | 135.000 | 30 | TS0075/19 | Top and Line faults through turnout   | 31/12/2019 |
| 21/05/2021                            | Lal Lal Block Point - Warrenheip Loop              | 147.300 | 147.700 | 15 | TS0102/21 | Unacceptable Tolerances in Turnout in accordance with Standards   | 20/06/2021 |
| <b>Inglewood - Wycheproof Line</b>    |  |         |         |    |           |   |            |
| Nil                                   |  |         |         |    |           |   |            |
| <b>Korong Vale - Manangatang Line</b> |  |         |         |    |           |   |            |
| 17/12/2020                            | Korong Vale - Mysia Block Point                    | 281.400 | 282.000 | 20 | TS0358/20 | Sleeper condition and bridge condition - nominated for AWP.   | 01/12/2021 |
| 23/12/2020                            | Korong Vale - Quambatook Block Point               | 282.000 | 323.000 | 30 | TS0364/20 | Sleepers condition and allowing for Consolidation post recent works   | 01/12/2021 |
| 23/12/2020                            | Korong Vale - Quambatook Block Point               | 323.000 | 334.000 | 20 | TS0365/20 | Sleepers condition and allowing for Consolidation post recent works   | 01/12/2021 |
| 17/12/2020                            | Quambatook - Lalbert                               | 342.200 | 363.000 | 25 | TS0362/20 | Sleeper condition + additional geometry fault   | 01/09/2022 |
| <b>Korong Vale - Sea Lake Line</b>    |  |         |         |    |           |   |            |
| 21/10/2020                            | Granites Block Point - Wycheproof Block Point      | 308.600 | 309.300 | 25 | TS0307/20 | Sleeper condition   | 01/03/2021 |
| 05/11/2020                            | Korong Vale - Teddywaddy                           | 317.400 | 318.800 | 10 | TS0315/20 | Level crossing design deficiency.   | 30/06/2021 |
| <b>Swan Hill - Piangil Line</b>       |  |         |         |    |           |   |            |
| 18/12/2020                            | Swan Hill - Piangil                                | 377.800 | 387.750 | 30 | TS0363/20 | C1 Type Creep Faults  | 29/01/2021 |
| <b>NORTHERN LINES</b>                 |  |         |         |    |           |   |            |
| <b>Southern Cross - Sunshine Line</b> |  |         |         |    |           |   |            |
| 15/04/2021                            | South Kensington Junction - Footscray (Down Track) | 5.300   | 6.000   | 40 | TS0072/21 | Defective retaining wall  | 15/06/2021 |
| <b>Sydenham - Bendigo Line</b>        |  |         |         |    |           |   |            |
| Nil                                   |  |         |         |    |           |   |            |
| <b>NORTH EAST BROAD GAUGE LINE</b>    |  |         |         |    |           |   |            |
| <b>Craigieburn - Seymour</b>          |  |         |         |    |           |   |            |

|  |  |         |         |    |           |   |            |
|--|--|---------|---------|----|-----------|---|------------|
| 03/12/2020   | Wallan - Heathcote Junction (Down Track) | 47.855  | 48.255  | 80 | TS0344/20 | A Fault / Line through crossover  | 30/06/2021 |
| <b>Seymour - Shepparton Line</b>                   |  |         |         |    |           |   |            |
| 21/01/2019   | Seymour - Shepparton                     | 131.850 | 132.260 | 60 | TS0038/19 | Sight distance restricted by angles   | 30/06/2020 |
| 21/01/2019   | Seymour - Shepparton                     | 132.650 | 132.240 | 60 | TS0039/19 | Sight distance restricted by angles   | 30/06/2020 |
| 21/01/2019   | Seymour - Shepparton                     | 141.720 | 142.130 | 60 | TS0040/19 | Sighting distance restricted by angles  | 30/06/2020 |
| 21/01/2019   | Seymour - Shepparton                     | 142.530 | 142.120 | 60 | TS0041/19 | Sight distance restricted by angles   | 30/06/2020 |
| 06/09/2020   | Nagambie Block Point - Murchison East    | 146.800 | 147.200 | 25 | TS0281/20 | A Faults Repaired, Line faults through turnout.                                   | 30/06/2021 |
| 21/01/2019   | Seymour - Shepparton                     | 155.340 | 155.750 | 60 | TS0042/19 | Sight distance restricted by angles   | 30/06/2020 |
| 21/01/2019   | Seymour - Shepparton                     | 156.150 | 155.740 | 60 | TS0043/19 | Sight distance restricted by angles   | 30/06/2020 |
| 08/05/2017   | Seymour - Shepparton                     | 156.150 | 155.760 | 60 | TS0180/17 | sitting distance restricted by angles   | 01/01/2018 |
| 21/01/2019   | Seymour to Shepparton                    | 158.480 | 158.890 | 80 | TS0044/19 | Arcadia Road LX - Sight distance restricted by angles                             | 30/06/2020 |
| 21/01/2019   | Seymour to Shepparton                    | 159.290 | 158.880 | 80 | TS0045/19 | Arcadia Road LX - Sight distance restricted by angles                             | 30/06/2020 |
| 01/05/2017   | Toolamba - Mooroopna                     | 171.280 | 171.690 | 60 | TS0151/17 | Level Crossing sighting issues for DOWN trains only. (Sighting Distance reviewed) | 02/03/2017 |
| 21/01/2019   | Seymour - Shepparton                     | 173.070 | 173.480 | 60 | TS0046/19 | Sighting distance restricted by angles  | 30/06/2020 |
| 21/01/2019   | Seymour - Shepparton                     | 173.880 | 173.470 | 60 | TS0047/19 | Sight distance restricted by angles   | 30/06/2020 |
| 29/04/2021   | Mooroopna - Shepparton                   | 177.458 | 177.844 | 40 | TS0083/21 | Geometry faults due to settlement of timber piles.                                | 29/10/2021 |
| <b>Seymour - Tocumwal Line</b>                     |  |         |         |    |           |   |            |
| 09/07/2021   | Shepparton - Strathmerton                | 185.000 | 235.000 | 50 | TS0136/21 | Joint maintenance required  | 09/09/2021 |
| 04/02/2021   | Shepparton - Tocumwal                    | 192.833 | 193.233 | 30 | TS0019/21 | Reissue of TS.0239/19 - Culvert in Poor Condition                                 | 15/08/2021 |
| 09/07/2021   | Strathmerton - Tocumwal                  | 235.000 | 251.000 | 40 | TS0137/21 | Joint maintenance required  | 09/09/2021 |
| <b>GOULBURN VALLEY LINES</b>                       |  |         |         |    |           |   |            |
| <b>Toolamba - Echuca Line</b>                      |  |         |         |    |           |   |            |
| 12/11/2018   | Toolamba - Echuca                        | 167.400 | 231.200 | 30 | TS0320/18 | Sleeper Condition   | 30/06/2019 |
| <b>INTERSTATE CORRIDOR MELBOURNE - ALBURY LINE</b> |  |         |         |    |           |   |            |
| Refer to ARTC WebRams Access                       |  |         |         |    |           |   |            |
| <b>EASTERN LINE</b>                                |  |         |         |    |           |   |            |
| <b>Pakenham - Traralgon Line</b>                   |  |         |         |    |           |   |            |
| 26/09/2018   | Nar Nar Goon - Tynong (North Track)      | 70.700  | 70.900  | 80 | TS0296/18 | Track Condition, Exceedence, Geometry Faults and Underlying issues.               |            |

|                                    |                        |         |         |    |           |   |
|------------------------------------|------------------------|---------|---------|----|-----------|---|
| 03/02/2021                         | Morwell - Maryvale     | 145.800 | 147.900 | 80 | TS0017/21 | Cross levels - Tops of Skeleton Bridge and through both turnouts of GIFT and APM, excessive wear on turnouts. Extended 30/07/2021 to match programmed AWP repair upgrade dates. |
| <b>Traralgon - Bairnsdale Line</b> |                        |         |         |    |           |   |
| 13/11/2018                         | Traralgon - Rosedale   | 165.000 | 165.100 | 70 | TS0327/18 | Line of sight issue. VL's to Bairnsdale - Proposed Mitigation   |
| 13/11/2018                         | Rosedale - Sale        | 183.500 | 183.510 | 70 | TS0328/18 | Line of sight issue. VL's to Bairnsdale - Proposed Mitigation   |
| 25/03/2020                         | Sale - Stratford       | 213.000 | 214.000 | 70 | TS0107/20 | Culvert consolidation completed. TSR returned as per TS0329/18. Line of Sight issues for VL's to Bairnsdale.  |
| 13/11/2018                         | Sale - Stratford       | 218.590 | 218.755 | 60 | TS0330/18 | Lins of sight issues due to vegetation and short visual warning for heavy vehicles crossing occupation crossing.  |
| 21/06/2021                         | Sale - Bairnsdale      | 221.000 | 222.300 | 60 | TS0130/21 | Short Warning Time risk mitigation at Hobson Street Level Crossing. Applies to Down Trains only.  |
| 13/11/2018                         | Stratford - Bairnsdale | 224.350 | 225.800 | 60 | TS0331/18 | Sight Distance Restricted by angles   |
| 13/11/2018                         | Stratford - Bairnsdale | 230.244 | 230.254 | 70 | TS0332/18 | Line of sight issue. VL's to Bairnsdale - Proposed Mitigation   |
| 13/11/2018                         | Stratford - Bairnsdale | 233.985 | 233.996 | 70 | TS0333/18 | Line of sight issues for the up direction only, this is due to BIO Site vegetation reserve on the curve approach to occupation crossing.  |
| 13/11/2018                         | Stratford - Bairnsdale | 236.800 | 236.820 | 70 | TS0334/18 | Line of sight issues  |
| 28/03/2020                         | Stratford - Bairnsdale | 239.990 | 240.000 | 70 | TS0118/20 | Concrete lining of Armco culverts completed. Altered back to original limits of TS0335/18. Line of Sight issues for VL's to Bairnsdale  |
| 13/11/2018                         | Stratford - Bairnsdale | 254.500 | 254.510 | 40 | TS0336/18 | Line of sight issue. VL's to Bairnsdale - Proposed Mitigation   |

## Speed Restrictions and Track Warnings -

### Segment: NRC Steel Term - Appleton Dock Jct

| No  | At or Between Kms | Date       | Pass/Oth | Dir | Boards | Reason                               |
|---|-------------------|------------|----------|-----|--------|--------------------------------------|
|   |                   |            |          |     |        | NRC Steel Term and Appleton Dock Jct |
| 160/2021  | 2.9km to 3.1km    | 28/07/2021 | 20/20    |     | Yes    | Track geometry - Condition           |
| Comment: Track geometry. estimated removal date: 30/09/2021 |                   |            |          |     |        |                                      |

### Segment: Sims Street Jct - Tottenham Loop

| No   | At or Between Kms | Date       | Pass/Oth | Dir | Boards | Reason                                  |
|--|-------------------|------------|----------|-----|--------|---|
|  |                   |            |          |     |        | Sims Street Jct and West Footscray Jctn |
| 193/2021   | 4.7km to 6.7km    | 10/09/2021 | 20/20    | U   | Yes    | Ballast - Condition (Mudhole)           |
| Comment: Ineffective sleeper ties . Worn rail mud and top issues throughout Bunbury street tunnel. Speed restriction to cover RC2 fault between 6.1km and 6.7km. Geotechnical finding of unstable formation/ground at downside of Bunbury Tunnel, Footscray (5.289kp to 5.500kp) Estimated Lift Date 30/09/2021<br>REPLACES TSR 227/2020 |                   |            |          |     |        |   |

### Segment: Tottenham Loop - Tottenham Yard (Box)

| No   | At or Between Kms | Date       | Pass/Oth | Dir | Boards | Reason                                  |
|--|-------------------|------------|----------|-----|--------|---|
|  |                   |            |          |     |        | Tottenham Loop and Tottenham Yard (Box) |
| 440/2018   | 9.97km to 10.2km  | 19/11/2018 | 20/20    |     | Yes    | Track - Condition (Other)               |
| Comment: Standard gauge Newport bound effectected.. Broad gauge independent crossover at Tottenham Junction have server cross levels through it. All traffic Newport to Melbourne and Melbourne to Newport speed of 20km/hr over crossover. Estimated removal date: 25/03/2019 |                   |            |          |     |        |   |

### Segment: Tullamarine Broad Gauge - Broadmeadows (Vic)

| No  | At or Between Kms | Date       | Pass/Oth | Dir | Boards | Reason                                 |
|---|-------------------|------------|----------|-----|--------|--|
|   |                   |            |          |     |        | Tullamarine Broad Gauge and Jacana Jct |
| 156/2010  | 25.8km to 26.2km  | 13/05/2010 | 20/20    |     | Yes    | Sleeper/fastening assembly - Condition |
| Comment: Poor sleeper condition and bad track geometry.This TSR is on the Broad Gauge Down end PL1. Estimated removal date: 01/07/2019. |                   |            |          |     |        |  |

### Segment: Broadmeadows (Vic) - Somerton Crossover

| No  | At or Between Kms   | Date      | Pass/Oth | Dir | Boards | Reason                                    |
|---|---------------------|-----------|----------|-----|--------|---|
|   |                     |           |          |     |        | Broadmeadows (Vic) and Somerton Crossover |
| 178/2019  | 21.35km to 22.737km | 9/07/2019 | 60/60    |     | Yes    | Track geometry - Condition                |
| Comment: Line and gauge issues in T/O at 7 points at Somerton also line issues in MGD at Somerton. Estimated removal date: 01/09/2019 |                     |           |          |     |        |   |



## Speed Restrictions and Track Warnings -

### Segment: Somerton Crossover - Somerton Loop - Austrak

| No       | At or Between Kms   | Date      | Pass/Oth | Dir | Boards | Reason   |
|----------|---|-----------|----------|-----|--------|--|
|          |   |           |          |     |        | Somerton Crossover and Somerton Loop - Austrak |
| 179/2019 | 22.737km to 23.8km  | 9/07/2019 | 60/60    |     | Yes    | Track geometry - Condition                     |
| Comment: | Line and gauge issues in T/O at 7 points at Somerton also line issues in MGD at Somerton. Estimated removal date: 01/9/2019 |           |          |     |        |  |

### Segment: Somerton Loop - Austrak - Seymour Loop

| No       | At or Between Kms   | Date       | Pass/Oth | Dir | Boards | Reason                         |
|----------|---|------------|----------|-----|--------|--------------------------------|
|          |   |            |          |     |        | Wandong and Kilmore East South |
| 134/2021 | 63.3km to 63.31km   | 24/06/2021 | 60/60    |     | Yes    | Points and crossing - Other    |
| Comment: | ** APPLIES TO BOTH NE VICTORIAN LINE (EAST AND WEST TRACK) **       |            |          |     |        |                                |
|          | Issues on wing rail on turn out. Estimated removal date: 30/09/2021 |            |          |     |        |                                |

### Segment: Benalla Junction - Yarrawonga

| No       | At or Between Kms  | Date      | Pass/Oth | Dir | Boards | Reason                          |
|----------|--|-----------|----------|-----|--------|---------------------------------|
|          |  |           |          |     |        | Benalla Junction and Yarrawonga |
| 111/2020 | 198.4km to 259.862km   | 4/06/2020 | 30/30    |     | Yes    | Track - Condition (Other)       |
| Comment: | TRACK CONDITION. Estimated Removal Date extended to be in Align with Planned Works .Extended due to track geometry issues Estimated Removal Date 31/01/2022. |           |          |     |        |                                 |

### Segment: Yarrawonga - Oaklands

| No       | At or Between Kms  | Date       | Pass/Oth | Dir | Boards | Reason                          |
|----------|--|------------|----------|-----|--------|---------------------------------|
|          |  |            |          |     |        | Yarrawonga and Oaklands         |
| 166/2021 | 259.862km to 321km   | 5/08/2021  | 30/30    |     | Yes    | Track - Condition (Other)       |
| Comment: | Track geometry issues. Extension of TSR 111/2020 due overlapping 2 segments. Estimated removal date: 31/01/2022              |            |          |     |        |                                 |
|          |  |            |          |     |        | Sanger and Oaklands Train Order |
| 127/2021 | 304.35km to 313.32km   | 17/06/2021 | 10/10    |     | Yes    | Track geometry - Condition      |
| Comment: | Broken Sleepers, Mud, Multiple Geometry defects. Extended 28/7 - further geometry issues. Estimated Removal date: 31/10/2021 |            |          |     |        |                                 |

## Speed Restrictions and Track Warnings -

### Segment: NRC Steel Term - Appleton Dock Jct

| No  | At or Between Kms | Date       | Pass/Oth | Dir | Boards | Reason                               |
|---|-------------------|------------|----------|-----|--------|--------------------------------------|
|   |                   |            |          |     |        | NRC Steel Term and Appleton Dock Jct |
| 160/2021  | 2.9km to 3.1km    | 28/07/2021 | 20/20    |     | Yes    | Track geometry - Condition           |
| Comment: Track geometry. estimated removal date: 30/09/2021 |                   |            |          |     |        |                                      |

### Segment: Sims Street Jct - Tottenham Loop

| No   | At or Between Kms | Date       | Pass/Oth | Dir | Boards | Reason                                  |
|--|-------------------|------------|----------|-----|--------|---|
|  |                   |            |          |     |        | Sims Street Jct and West Footscray Jctn |
| 193/2021   | 4.7km to 6.7km    | 10/09/2021 | 20/20    | U   | Yes    | Ballast - Condition (Mudhole)           |
| Comment: Ineffective sleeper ties . Worn rail mud and top issues throughout Bunbury street tunnel. Speed restriction to cover RC2 fault between 6.1km and 6.7km. Geotechnical finding of unstable formation/ground at downside of Bunbury Tunnel, Footscray (5.289kp to 5.500kp) Estimated Lift Date 30/09/2021<br>REPLACES TSR 227/2020 |                   |            |          |     |        |   |

### Segment: Tottenham Loop - Tottenham Yard (Box)

| No   | At or Between Kms | Date       | Pass/Oth | Dir | Boards | Reason                                  |
|--|-------------------|------------|----------|-----|--------|---|
|  |                   |            |          |     |        | Tottenham Loop and Tottenham Yard (Box) |
| 440/2018   | 9.97km to 10.2km  | 19/11/2018 | 20/20    |     | Yes    | Track - Condition (Other)               |
| Comment: Standard gauge Newport bound effectected.. Broad gauge independent crossover at Tottenham Junction have server cross levels through it. All traffic Newport to Melbourne and Melbourne to Newport speed of 20km/hr over crossover. Estimated removal date: 25/03/2019 |                   |            |          |     |        |   |

### Segment: Gheringhap Loop - Maroona

| No  | At or Between Kms      | Date       | Pass/Oth | Dir | Boards | Reason                          |
|---|------------------------|------------|----------|-----|--------|---------------------------------|
|   |                        |            |          |     |        | Gheringhap Loop and Inverleigh  |
| 150/2021  | 88.7km to 89.1km       | 16/07/2021 | 60/60    |     | Yes    | Rail/weld - Condition (Other)   |
| Comment: Rough Ride defect. Estimated removal date: 20/10/2021  |                        |            |          |     |        |                                 |
|   |                        |            |          |     |        | Inverleigh and Barwon Park Loop |
| 196/2021  | 101.212km to 101.612km | 20/09/2021 | 40/40    |     | Yes    | Points and crossing - Other     |
| Comment: Track fault. Estimated removal date 20/03/2021   |                        |            |          |     |        |                                 |
|   |                        |            |          |     |        | Wingeel Loop and Werneth B/Pt.  |
| 252/2017  | 120km to 120.25km      | 15/08/2017 | 40/40    |     | Yes    | Points and crossing - Other     |
| Comment: Points defect. boards reverted to original km points due mud removed. Estimated removal date: 31/08/2021 Section name changed 15/6/21 to comply with new data. |                        |            |          |     |        |                                 |
|   |                        |            |          |     |        | Berrybank Loop and Tooli Loop   |
| 60/2021   | 164.2km to 164.9km     | 29/03/2021 | 60/60    |     | Yes    | Track - Condition (Other)       |
| Comment: Rough ride defect. Estimated Removal Date 20/10/2021.  |                        |            |          |     |        |                                 |

## Speed Restrictions and Track Warnings -

Tatyoan Loop and Tatyoan Loop  
 621/2010 231.421km to 231.422km 24/12/2010 0/0 No

Track Warning

Comment: Tatyoan Loop a speed restriction of 25KMH applies to up trains only and only while a train is stationary in loop track due to sighting distance for road traffic. Notice Boards are erected.

Tatyoan Loop and Maroona  
 626/2010 233.226km to 244.452km 25/12/2010 0/0 No

Track Warning

Comment: A Speed restriction of 30kmh applies to down trains only while a train is stationary in loop track at Tatyoan due to sighting distance for road traffic, [ This amends T/W 213 1998 ].Notice Boards are erected.

### Segment: Maroona - Portland

| No       | At or Between Kms    | Date       | Pass/Oth | Dir | Boards | Reason                    |
|----------|----------------------|------------|----------|-----|--------|---------------------------|
|          |                      |            |          |     |        | Maroona and Portland      |
| 104/2020 | 232.2km to 405.256km | 28/05/2020 | 40/40    |     | No     | Track - Condition (Other) |

Comment: Poor track condition. Estimated removal date: TBA

### Segment: Maroona - Ararat

| No       | At or Between Kms  | Date       | Pass/Oth | Dir | Boards | Reason                        |
|----------|--------------------|------------|----------|-----|--------|-------------------------------|
|          |                    |            |          |     |        | Maroona and Langi Logan       |
| 145/2020 | 244.8km to 244.9km | 28/07/2020 | 60/60    |     | Yes    | Ballast - Condition (Mudhole) |

Comment: Track Geometry and Mudhole. Estimated removal date: 30/10/2021

|          |                |            |       |  |     |                            |
|----------|----------------|------------|-------|--|-----|----------------------------|
|          |                |            |       |  |     | Maroona and Ararat         |
| 182/2021 | 252km to 259km | 26/08/2021 | 60/60 |  | Yes | Track geometry - Condition |

Comment: Track geometry and mudholes. Estimated removal date: 31/10/2021

|          |                       |            |     |  |    |                        |
|----------|-----------------------|------------|-----|--|----|------------------------|
|          |                       |            |     |  |    | Langi Logan and Ararat |
| 207/2020 | 263.55km to 263.773km | 24/09/2020 | 0/0 |  | No |                        |

Track Warning

Comment: Level Crossing Warning Time Estimated Lift time TBA.

|          |                  |           |       |  |     |                               |
|----------|------------------|-----------|-------|--|-----|-------------------------------|
|          |                  |           |       |  |     | Langi Logan and Ararat        |
| 126/2021 | 264.2km to 265km | 9/05/2021 | 40/40 |  | Yes | Ballast - Condition (Mudhole) |

Comment: Track geometry and rail defect. Estimated removal date 31/12/2021. Also includes TSR 245/2020 this second TSR added to comply with new segment data 15/6/2021. Third TSR added 5/7 to add .25km - 265.25km. (TSR 140/2021)

### Segment: Ararat - Pyrenees Loop

| No       | At or Between Kms | Date      | Pass/Oth | Dir | Boards | Reason                     |
|----------|-------------------|-----------|----------|-----|--------|----------------------------|
|          |                   |           |          |     |        | Ararat and Pyrenees Loop   |
| 140/2021 | 265km to 265.25km | 5/07/2021 | 40/40    |     | Yes    | Track geometry - Condition |

Comment: Track geometry and rail defect found in location. Estimated removal date: 31/12/2021

## Speed Restrictions and Track Warnings -

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### Ararat and Pyrenees Loop

206/2020 266.7km to 267.58km 2/11/2018 0/0 No

Track Warning

Comment: Short warning times on level crossing due to third part equipment upgrade. Only effects Melbourne bound trains existing Melbourne bound trains existing the loop road at Pyrenees Loop , Estimated Removal Date 31/12/2019.

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### Segment: Pyrenees Loop - Murtoa

| No | At or Between Kms | Date | Pass/Oth | Dir | Boards | Reason |
|----|-------------------|------|----------|-----|--------|--------|
|----|-------------------|------|----------|-----|--------|--------|

#### Stawell and Deep Lead Loop

638/2010 241.47km to 241.48km 27/12/2010 0/0 No

Track Warning

Comment: Stawell siding booked out by V/line.

#### Deep Lead Loop and Glenorchy

643/2010 254.81km to 256.62km 29/12/2010 0/0 No

Track Warning

Comment: Effective immediately departure speed for all movements departing the Deep Lead Loop number 2 road are restricted to 40km/h account track geometry.

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### Segment: Murtoa - Dimboola

| No | At or Between Kms | Date | Pass/Oth | Dir | Boards | Reason |
|----|-------------------|------|----------|-----|--------|--------|
|----|-------------------|------|----------|-----|--------|--------|

#### Murtoa and Murtoa Loop

100/2021 298.625km to 298.675km 17/05/2021 20/20 Yes Track geometry - Condition

Comment: Track Geometry. Estimated Removal Date: 31/12/2021

#### Murtoa Loop and Dooen

633/2010 308.8km to 309.18km 27/12/2010 0/0 No

Track Warning

Comment: Jung siding booked out due to turnout and track condition.

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### Segment: Dimboola - Serviceton

| No | At or Between Kms | Date | Pass/Oth | Dir | Boards | Reason |
|----|-------------------|------|----------|-----|--------|--------|
|----|-------------------|------|----------|-----|--------|--------|

#### Dimboola and Gerang Gerung

644/2010 364.545km to 366.365km 29/12/2010 0/0 No

Track Warning

Comment: Effective immediately departure speed for all movements departing the Dimboola Loop number 2 road are restricted to 40 km/h account track geometry.

#### Kiata and Nhill

645/2010 388.435km to 390.293km 29/12/2010 0/0 No

Track Warning

Comment: Effective immediately departure speed for all movements departing the Salisbury Loop number 2 road are restricted to 35km/h account track geometry.

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## Speed Restrictions and Track Warnings -

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Nhill and Tarranginnie  
141/2021 401.7km to 401.85km 8/07/2021 60/60 Yes Track geometry - Condition  
Comment: Track Geometry Condition . Estimated removal Date 31/10/2021

Miram and Kaniva  
646/2010 433.292km to 435.106km 29/12/2010 0/0 No  
Track Warning  
Comment: Effective immediately the departure speed for all movements departing the Kaniva Loop number 2 road are restricted to 35km/h account track geometry.

Kaniva Loop and Kaniva  
28/2021 438.09km to 438.15km 11/02/2021 60/60 Yes Track geometry - Condition  
Comment: Geometry fault on raod crossing. Estimated Removal Date: 31/12/2021

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### Segment: Wolseley - SA/Victoria Border

| No      | At or Between Kms    | Date                            | Pass/Oth | Dir | Boards | Reason                    |
|---------|----------------------|---------------------------------|----------|-----|--------|---------------------------|
|         |                      | Wolseley and SA/Victoria Border |          |     |        |                           |
| 94/2021 | 313.11km to 313.13km | 11/05/2021                      | 60/60    |     | Yes    | Track - Condition (Other) |

Comment: Rail Condition. Estimated Removal Date: 15/10/2021

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# SAFEWORKING NOTICES

## NORTH BENDIGO - SWAN HILL

### OPERATION OF RAIL TRAFFIC

Upon advice by V/Line Network Maintenance, effective forthwith the following restrictions will apply for the operation of rail traffic between North Bendigo Junction and Swan Hill.

#### PASSENGER TRAINS - LIGHT ENGINES

Passenger Trains, Empty Car Trains and Light Engines are **not permitted** to operate between North Bendigo Junction and Swan Hill.

In the event of a failure requiring a light engine to travel on the Corridor, Train Control will need to advise the Fault Management Centre who will coordinate any movement in accordance with **SAPR-2588**.

#### FREIGHT TRAINS

Operation of Freight Trains will be in accordance with Circular TON.0400/08 when approaching Active Level Crossings between North Bendigo Junction and Swan Hill, regardless of the duration between trains on the Corridor.

These arrangements will apply until further advice is issued from this office

Upon issue of this Safeworking Circular the Absolute Occupation as issued by SWO-0889/2021 is authorised to be returned by V/Line Network Maintenance, conditionally. To return the line to normal operating **conditions**, the provisions in accordance with **SAPR-2588** will apply.

**V/Line SW.0167/2021**

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## SEYMOUR - SHEPPARTON

### OPERATION OF RAIL TRAFFIC

Upon advice by V/Line Network Maintenance, effective forthwith the following restrictions will apply for the operation of rail traffic between Seymour and Shepparton.

#### PASSENGER TRAINS - LIGHT ENGINES

Passenger Trains, Empty Car Trains and Light Engines are **not permitted** to operate between Seymour and Shepparton.

In the event of a failure requiring a light engine to travel on the Corridor, Train Control will need to advise the Fault Management Centre who will coordinate any movement in accordance with **SAPR-2588**.

#### FREIGHT TRAINS

Operation of Freight Trains will be in accordance with Circular TON.0400/08 when approaching Active Level Crossings between Seymour and Shepparton, regardless of the duration between trains on the Corridor.

**These arrangements will apply until further advice is issued from this office**

**To return the line to normal operating conditions, the provisions in accordance with SAPR-2588 will apply.**

**V/Line SW.0168/2021**

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# NETWORK SERVICE PLAN

## ADDENDA - NA NSP 03 - R18-2021

The Network Service Plan Addenda has been updated to include the following approved Rollingstock:

### RAIL OPERATORS ROLLING STOCK

#### V/LINE

Additional Diesel Rail Cars approved to operate on the V/Line Network under V/Line Accreditation.

#### DIESEL RAIL CARS

| Class                     | Description of vehicle  | Max Speed km/h   | Mass Rating (Tns)      | Overall Length of Vehicle over Pulling Lines to nearest 100mm | Kw for Traction | Diesel Rail Cars  |
|---------------------------|---|------------------|------------------------|---|-----------------|---|
| Vlocity<br><b>(3VLxx)</b> | Self-propelled Passenger vehicle. Operates as a permanently coupled three car unit. | 160              | 181<br>(Three Car Set) | 75.220<br>(Three Car Set)                                     | 1680            | DMD No. 1100-1128, 1130-1192<br>TM No. 1300-1328, 1330-1392<br>DM No. 1200-1228, 1230-1292<br><b>See Note #</b> |
| Vlocity<br><b>(3VSxx)</b> | Self-propelled Passenger vehicle. Operates as a permanently coupled three car unit. | 160 BG<br>130 SG | 176<br>(Three Car Set) | 75.220<br>(Three Car Set)                                     | 1680            | DMD No. 1193-1194<br>TMC No. 1593-1594<br>DM No. 1293-1294<br><b>See Note #</b>                                 |

**Note #** Where the authorised line speed does not allow for Vlocity Rail Cars to operate greater than 130 Km/h they are to be treated and read as that for Sprinter Rail Cars within the Network Service Plan.

Additional Heritage Steam Locomotive, K183 approved to operate on the V/Line Network under V/Line accreditation.

#### HERITAGE STEAM LOCOMOTIVES

##### On Hire/Lease to V/Line

| Class | Max Speed Km/h | Mass Rating (Tns) | Axle Load (Tns) | Annual date for Accreditation                      | Overall Length to nearest 100mm | Fuel Capacity (Litres)               | Remarks / Restrictions |
|-------|----------------|-------------------|-----------------|--|---------------------------------|--------------------------------------|------------------------|
| K ▶   | 80             | 106               | 13.70           | 09/04/2022 153<br>15/09/2022 183<br>11/03/2022 190 | 18.400                          | 5 tonnes coal<br>19,110 litres water | No's. 153, 183, 190.   |

**Note ▶** The maintenance of these vehicles is the responsibility of **STEAM RAIL VICTORIA**

Additional Heritage Passenger Vehicle, LAN 2352 approved to operate on the V/Line Network under V/Line accreditation.

#### HERITAGE PASSENGER VEHICLES

##### On Hire/Lease to V/Line

| Class | Description of vehicle | Max Speed km/h | Mass Rating (Tns) | Annual date for Accreditation          | Overall Length to nearest 100mm | Remarks / Restrictions   |
|-------|------------------------|----------------|-------------------|--|---------------------------------|--|
| LAN ♣ | Sleeping Car           | 115            | 46                | 16/09/2022 - 2352<br>08/07/2022 - 2354 | 23.400                          | Nos. 2352, 2354<br>Air-conditioned, stainless steel body & auto coupling |

**Note ♣** The maintenance of these vehicles is the responsibility of **SEVEN O SEVEN OPERATIONS**

Additional Heritage Freight Vehicle, VOAF 100 approved to operate on the V/Line Network under V/Line accreditation.

#### HERITAGE FREIGHT VEHICLES

##### On Hire/Lease to V/Line

| Class  | Description of Vehicle | Max. Speed Km/h | Max Tare Mass (Tns) | Nominal Carrying Capacity Evenly distributed (Tonnes) | Permissible Overload (Kg) | Length over Pulling Lines nearest 100mm | Gauge (mm) | Annual date for Accreditation | Old Class | Deck Ht. (mm) | Remarks – Restrictions |
|--------|------------------------|-----------------|---------------------|---|---------------------------|---|------------|-------------------------------|-----------|---------------|------------------------|
| VOAF ♣ | Open                   | 80              | 18.7                | 45  |                           | 13.900                                  | 1600       | 16/09/2022                    | VOAA      | 1192          | No 100                 |

**Note ♣** The maintenance of these vehicles is the responsibility of **SEVEN O SEVEN OPERATIONS**

Heritage Certifications Updated.

## STEAMRAIL VICTORIA

**K183** certification updated to **15/09/2022**.

## SEVEN O SEVEN OPERATIONS

**R707** certification updated to **16/09/2022**.

**LAN 2352** certification updated to **16/09/2022**.

**VOAF 100** certification updated to **16/09/2022**.

**V/Line TON.463/2021**

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## LALBERT SIDING

### NOTICE OF INTENT TO WORK

Commencing **Monday, 20<sup>th</sup> September 2021** at **08:30** Hours until **Thursday, 23<sup>rd</sup> September 2021** at **07:00** Hours (Continuous) V/Line Network Maintenance - T&C will book out the Lalbert siding for the purpose of Stabling Track Machines required for the Tie Renewal activities.

The Track Force Protection Coordinator will ensure that communications are made with the Train Controller - Room 2 (03 9619-4709) prior to the works taking place.

These works will be conducted under Section 34 - 135 - Supplementary Infrastructure Procedures *22 - BOOKED OUT OF TRACK*

NOI # 20852

Contact Details:       Stefan Willemse       0409 424 762

**V/Line TON.464/2021**

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## SWAN HILL

### NO 3, NO 4 AND NO 5 ROADS

### RECORD OF RAIL INFRASTRUCTURE - BOOKED BACK INTO SERVICE

Effective 12:20 hours on Wednesday 15<sup>th</sup> September 2021, access to **No 3, No 4 and No 5 Roads** at **Swan Hill** between **KP: 345.016** and **KP: 345.338** has been Booked Back into Service by V/Line Network Maintenance following **Rail Replacement**.

The points protecting entry to the sidings have been restored to use.

**V/Line TON.465/2021**

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# CORIO

## ST GEORGES RD LX (KP 65.528)

### NOTICE OF INTENT TO WORK

Commencing **Tuesday, 21<sup>st</sup> September 2021** until **Tuesday, 14<sup>th</sup> December 2021** between the hours of **02:30** and **04:30** the **same** day (as required and as train running permits), oversized vehicles from Rex J Andrews P/L will require to traverse the St Georges Rd. LX (KP 65.528), on the Manor - Geelong corridor.

These movements will be conducted under the cover of Track Warrants as per Section 34 - 135 - Infrastructure Works *21 - TRACK WARRANTS* to create a controlled environment for the passage of these vehicles.

Per NOI # 20725

Contact: Robert Schuller 0448 305 206

V/Line TON.469/2021

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# IRREWARRA

## COLAC - BALLARAT RD LX (KP 148.170)

### NOTICE OF INTENT TO WORK

Commencing **Tuesday, 21<sup>st</sup> September 2021** until **Tuesday, 14<sup>th</sup> December 2021** between the hours of **04:00** and **05:00** the **same** day (as required and as train running permits), oversized vehicles from Rex J Andrews P/L will require to traverse the Colac - Ballarat Rd LX (KP 148.170) on the Waurn Ponds - Warrnambool corridor.

These movements will be conducted under the cover of Track Warrants as per Section 34 - 135 - Infrastructure Works *21 - TRACK WARRANTS* to create a controlled environment for the passage of these vehicles.

Per NOI # 20725

Contact: Robert Schuller 0448 305 206

V/Line TON.471/2021

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# BENDIGO YARD

## INDEPENDENT TRACK

### NOTICE OF INTENT TO WORK

On **Tuesday, 21<sup>st</sup> September 2021** between **10:00** Hours and **12:00** Hours, the Bendigo Yard - Independent Track will be **Booked Out**.

Coleman Rail will be rope pulling the power and communications conduits from the pit to the relocatable equipment building (REB) and Wayside portal on the Independent Track next to the Myrtle St Overpass.

These works will be conducted under Section 34 - 135 - Supplementary Infrastructure Procedures *22 - BOOKED OUT OF TRACK*

Prior to works taking place, communications are to be made with the Train Controller - Room 4 Control (9619 1068).

NOI # 20854

Contact Details: Janet Busuttil 0437 314 326

V/Line TON.472/2021

## DEER PARK JCT - MANOR JCT

### UP AND DOWN RRL LINES

#### NOTICE OF INTENT TO WORK

On the morning of **Wednesday, 22<sup>nd</sup> September 2021** from **02:15** Hours to **03:35** Hours the **same** day, **V/Line Projects & Interface** will be carrying out a Data Update at Deer Park SER which require a Wheels Free period on track sections from Deer Park Junction to Geelong.

As there is no requirement to have resources in the field, these works will be carried out under *'LOCKING DISARRANGED'*.

Prior to these works place, communications are to be made with Senior Train Controller - Room 7 (9619 4706).

Per NOI # 20438.

Contact:        Jacob Tran        0400 751 372

**V/Line TON.473/2021**

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## MANOR JCT - GEELONG

### EAST AND WEST RFR LINES

#### NOTICE OF INTENT TO WORK

On the morning of **Wednesday, 22<sup>nd</sup> September 2021** from **02:15** Hours to **03:35** Hours the **same** day, **V/Line Projects & Interface** will be carrying out a Data Update at Deer Park SER which require a Wheels Free period on track sections from Deer Park Junction to Geelong.

As there is no requirement to have resources in the field, these works will be carried out under *'LOCKING DISARRANGED'*.

Prior to these works place, communications are to be made with Senior Train Controller - Room 8 (9619 1062).

Per NOI # 20437.

Contact:        Jacob Tran        0400 751 372

**V/Line TON.474/2021**

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# TOTTENHAM - EAST YARD

## ROADS 3, 4 & 5

### NOTICE OF INTENT TO WORK

Commencing **Wednesday, 22<sup>nd</sup> September 2021** until **Friday, 8<sup>th</sup> October 2021**, upon request from the TFPC, the Train Controller may grant Roads 3, 4 & 5 in the Tottenham East Yard to be Booked Out for Rail Infrastructure Alliance (RIA - Metro Tunnel Project) to access through Roads 3, 4 & 5.

These Book Out requests will only occur between **07:00** Hours and **17:00** Hours (each day and only as required).

The requests are to be made with the Train Controller - **Room 1** (Weekdays - 9619 4709) or Train Controller - **Room 10** (Weekends & P/H - 9619 1722).

During the period of Book Out, if train control requires a train movement through the East Yard, with 30 minutes notice, RIA has the ability to make safe the worksite for train running and issue a certificate of train running to allow for a train movement through the East Yard.

These works will be conducted under Section 34 - 135 - Supplementary Infrastructure Procedures *22 - BOOKED OUT OF TRACK*

NOI # 20883

Contact Details:      Vernon Vea    0429 522 269

**V/Line TON.476/2021**

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