

Blacktown – Richmond

Network Control

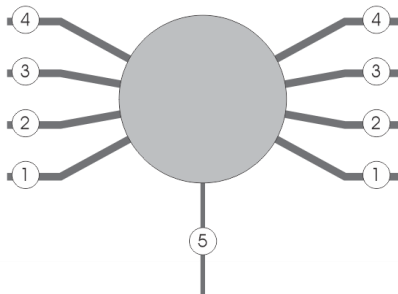
Signaller at Homebush Control Centre.

Systems of Safeworking

The lines between Blacktown and Richmond are Rail Vehicle Detection (RVD) territory. They include the sections:

- Blacktown—Riverstone
- Riverstone—Mulgrave
- Mulgrave—Clarendon
- Clarendon—Richmond.

Diagram



Location details

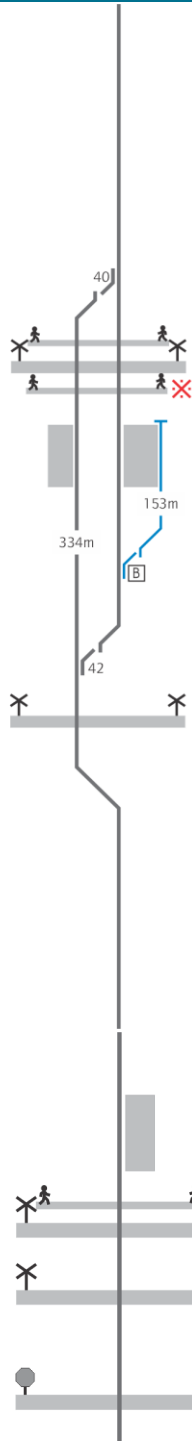
Blacktown 34.821km (NLA 208)



- ① Up Main West line (Lidcombe-Penrith)
- ② Up Suburban West line (Lidcombe-Penrith)
- ③ Down Suburban West line (Lidcombe-Penrith)
- ④ Down Main West line (Lidcombe-Penrith)
- ⑤ Blacktown-Richmond line

Blacktown - Richmond

Diagram



Location details

Riverstone 45.882km

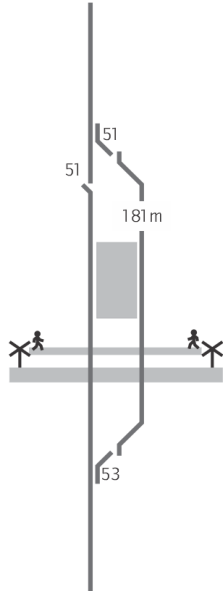


- ! See Special instructions
- 45.710km YL/EYL: Down signal RE3
- 40 Blacktown–Richmond line to Riverstone Loop line
- 45.856km Garfield Road: automatic, with Operation and Master Emergency switch. Keys at Riverstone
- 45.856km Garfield Road: automatic, with Operation and Master Emergency switch. Keys at Riverstone
- 45.856km Garfield Road: automatic, with Operation and Master Emergency switch. Keys at Riverstone
- 45.882km Riverstone. Platforms 1, 2
- Blacktown–Richmond line to Perway siding: key from releasing switch B, released by release 41
- 42 Blacktown–Richmond line to Blacktown–Richmond line
- 46.524km Meatworks: automatic. Keys at Riverstone
- 46.568km EYL/YL: Up Signal RE10
- 49.147km Vineyard. Platform 1
- 49.326km Bandon Road: automatic. Keys at Riverstone
- 49.326km Bandon Road: automatic. Keys at Riverstone
- 50.533km Level Crossing Road: automatic. Keys at Riverstone
- 52.072km Network Access Crossing (Windsor Flood Evacuation Route level crossing): manual

Blacktown - Richmond

Diagram

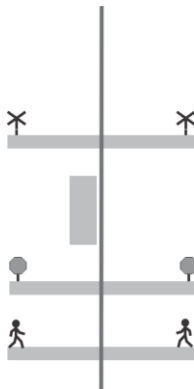
Location details



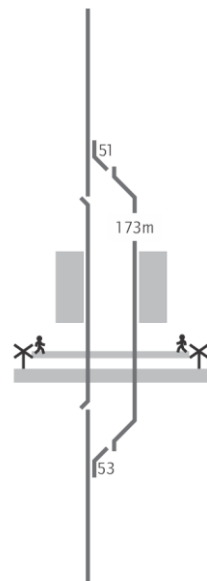
Mulgrave 52.492km



- ! See Special instructions
- YL 52.173km YL/EYL: Down signal ME3
- 51 Blacktown-Richmond line to Mulgrave Loop line. Main line catch points are usually CLOSED
- 52.492km Mulgrave. Platform 1 and 2
- 52.660km Mulgrave Road: automatic. Keys at Mulgrave and Riverstone
- 52.660km Mulgrave Road: automatic. Keys at Mulgrave and Riverstone
- 53 Mulgrave Loop line to Blacktown-Richmond line
- EYL 52.989km EYL/YL: Up signal ME10



- 54.195km Fairey Road: automatic. Keys at Riverstone
- 54.946km Windsor. Platform 1
- 55.236km Network Access Crossing (Windsor Flood Evacuation Route level crossing): manual
- 55.247km Cox Street: automatic. Keys at Windsor



Clarendon 57.114km

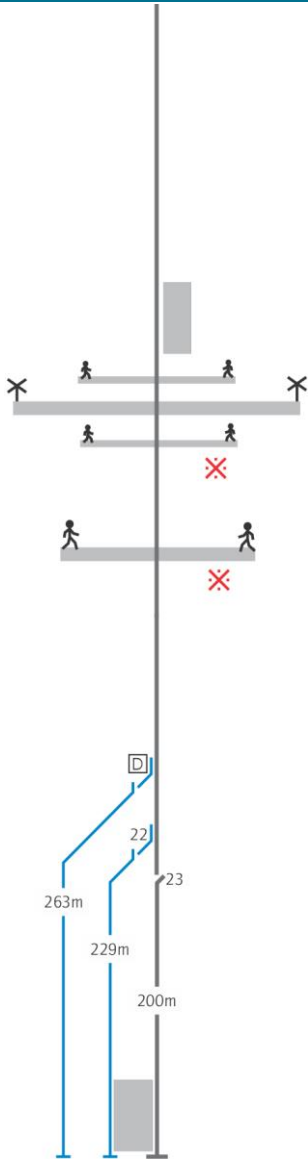


- YL 56.913km YL/EYL: Down signal
- 51 Blacktown-Richmond line to Clarendon Loop line. Main line catch points are usually closed
- 57.114km Clarendon. Platforms 1, 2
- 57.281km Racecourse Road: automatic. Keys at Richmond
- 57.281km Racecourse Road: automatic. Keys at Richmond
- 53 Clarendon Loop line to Blacktown-Richmond line
- EYL 57.549km EYL/YL: Up signal CN10

Blacktown - Richmond

Diagram

Location details



Richmond 60.592km



- 59.490km YL/EYL: Down signal RD3
- 59.900km East Richmond. Platform 1
- 60.086km Bourke Street: automatic, with Operation and Master Emergency switch. Keys at Richmond
- 60.086km Bourke Street: automatic, with Operation and Master Emergency switch. Keys at Richmond
- 60.086km Bourke Street: automatic, with Operation and Master Emergency switch. Keys at Richmond
- See Special instructions
- 60.248km Moray Street: automatic, with Operation and Master Emergency switch. Keys at Richmond
- Blacktown-Richmond line to Up Storage sidings: key from releasing switch D, release by release 21
- Signals set at STOP by taking the emergency release key: Down homes 3 and 5; Up homes 6 and 8
- Blacktown-Richmond line to No 1 Platform road
- Catch points to No 2 Platform road
- 60.592km Richmond. Platform 1 and 2
- 60.853km 3 x stop blocks

Special instructions

Bourke Street level crossing

Bourke Street level crossing is fitted with a single Master Emergency switch.

Operation of the Master Emergency switch will place Down signal RD 3 and Up signal RD 4 to STOP. They will remain at STOP until the Manual Operation switch is operated and the level crossing equipment has operated and the booms are lowered or the Master Emergency switch is restored.

Garfield Road level crossing

Garfield Road level crossing is fitted with a single Master Emergency switch.

Operation of the Master Emergency switch will place Down signal RE 3 and Up signals RE 4 and RE6 to STOP. They will remain at STOP until the Manual Operation switch is operated and the level crossing equipment has operated and the booms are lowered or the Master Emergency switch is restored.

Moray Street level crossing

Moray Street level crossing is fitted with a single Master Emergency switch.

Operation of the Master Emergency switch will place Down signal RD 3 and Up signals RD 6 and RD8 to STOP. They will remain at STOP until the Manual Operation switch is operated and the level crossing equipment has operated and the booms are lowered or the Master Emergency switch is restored.

Crossing trains at platforms

Riverstone

If two trains approach the platforms at the same time, the Up train must use the Riverstone Loop line.

Mulgrave

If two trains approach the platforms at the same time, the Down train must use the Mulgrave Loop line.

Blacktown - Richmond

Related documents

NLA 200 Lidcombe-Penrith

NLA 208 Blacktown

Effective date

28 May 2022