

Sydenham

Location

This unit includes:

- Sydenham at 5.228km
- XPT Maintenance Centre at 5.819km
- Meeks Road Junction at 6.451km
- Marrickville at 6.477km
- Tempe at 6.770km
- Wolli Creek at 7.227km
- Wolli Creek Junction at 7.425km
- Turrella at 8.565km.

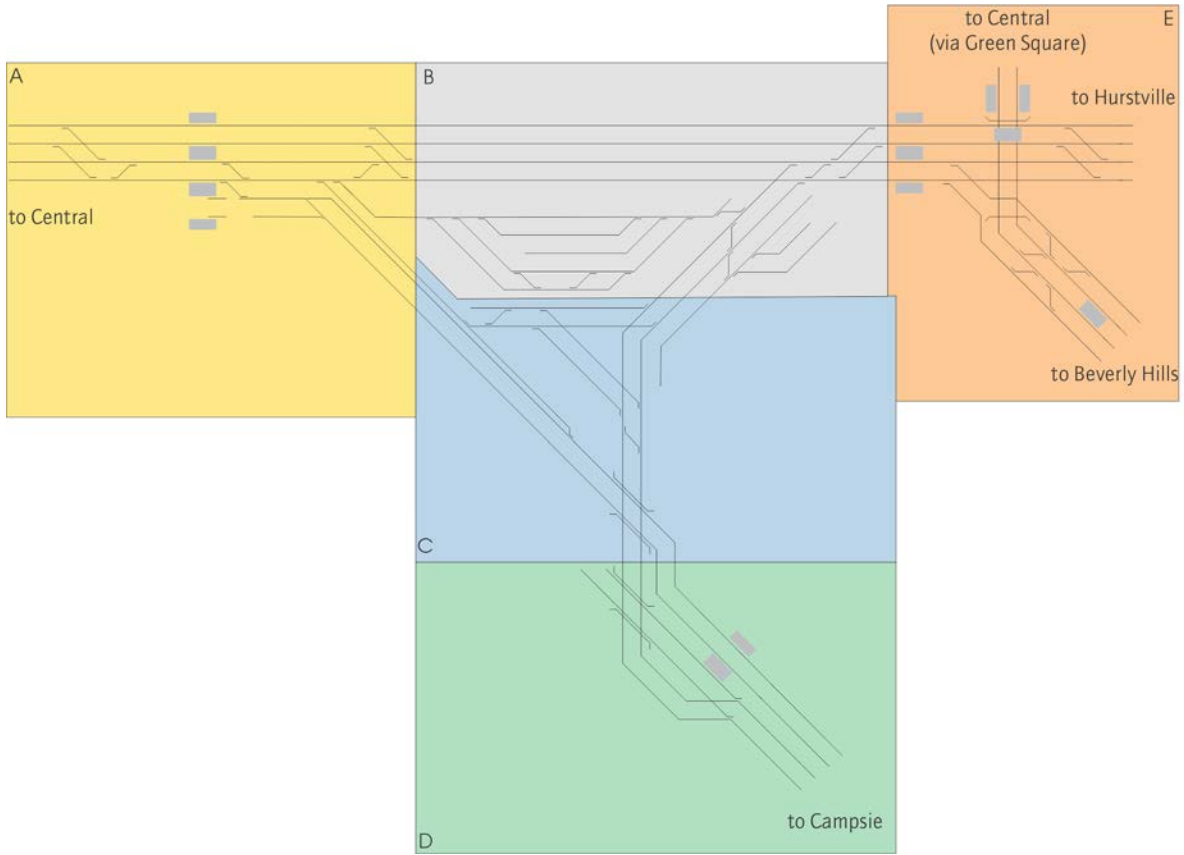


Note

Kilometrages for Turrella Junction on the East Hills line are measured via Sydenham. Kilometrages for Turrella Junction on the Airport line are measured via Green Square.

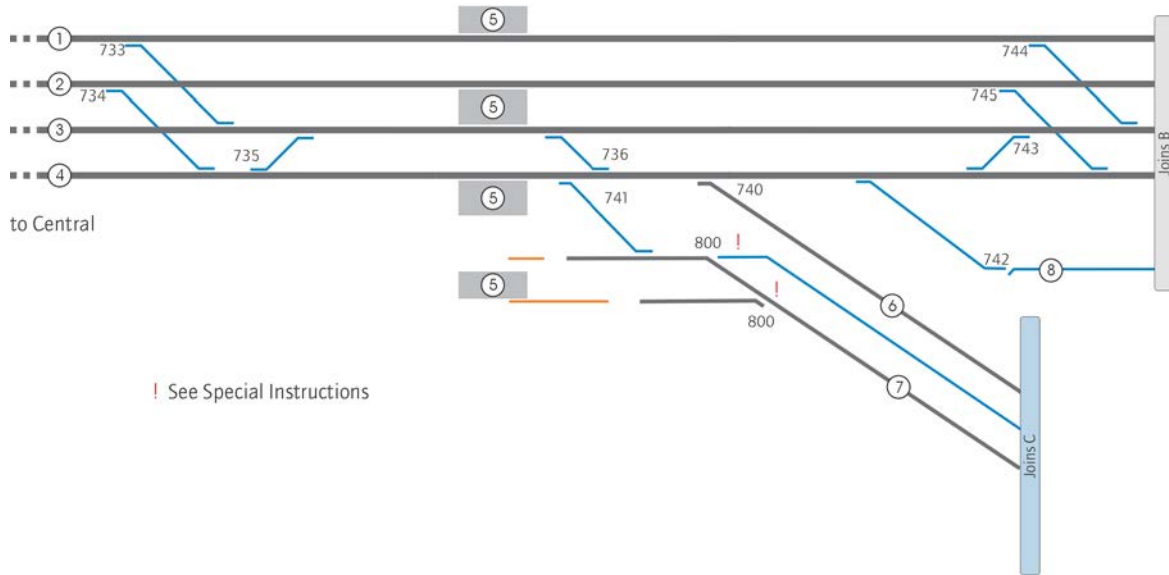
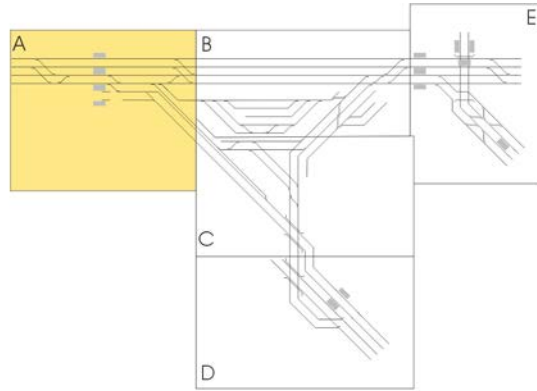
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Diagrams



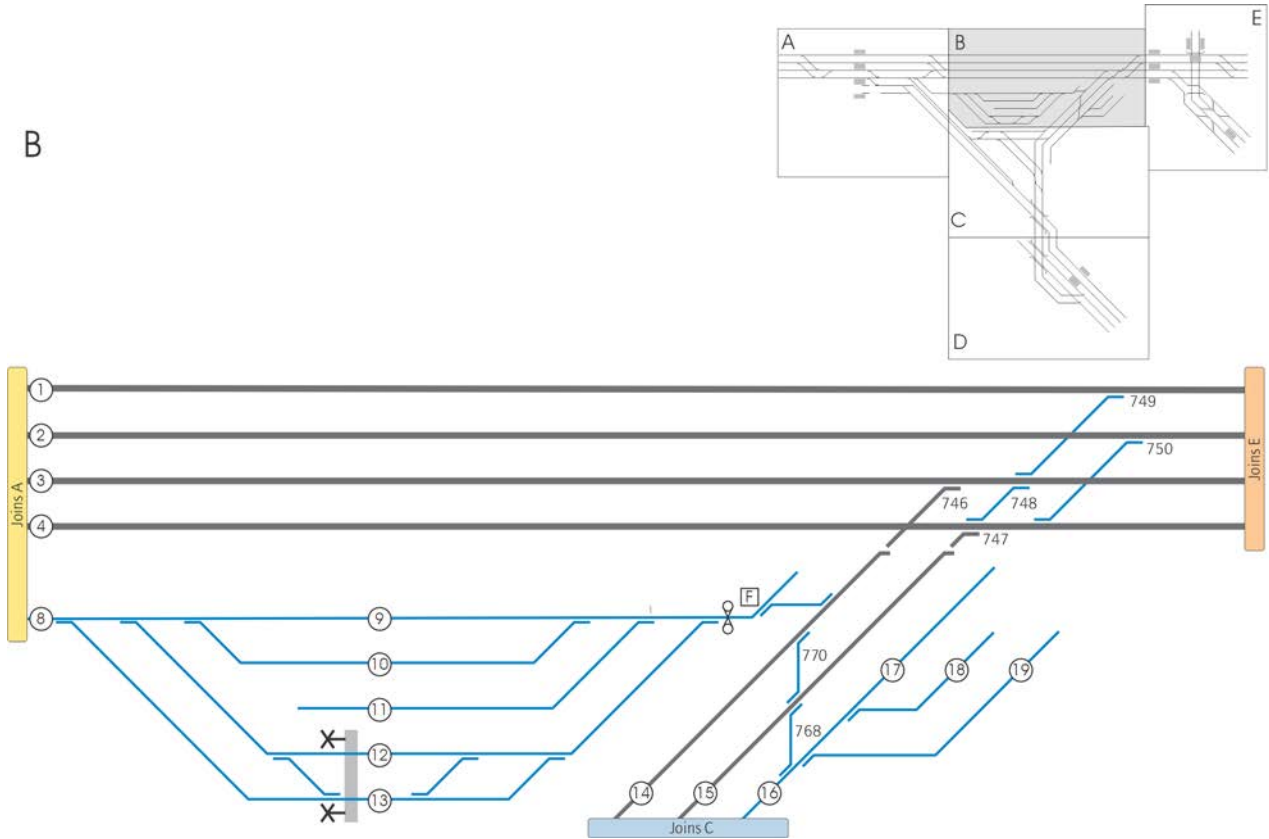
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A



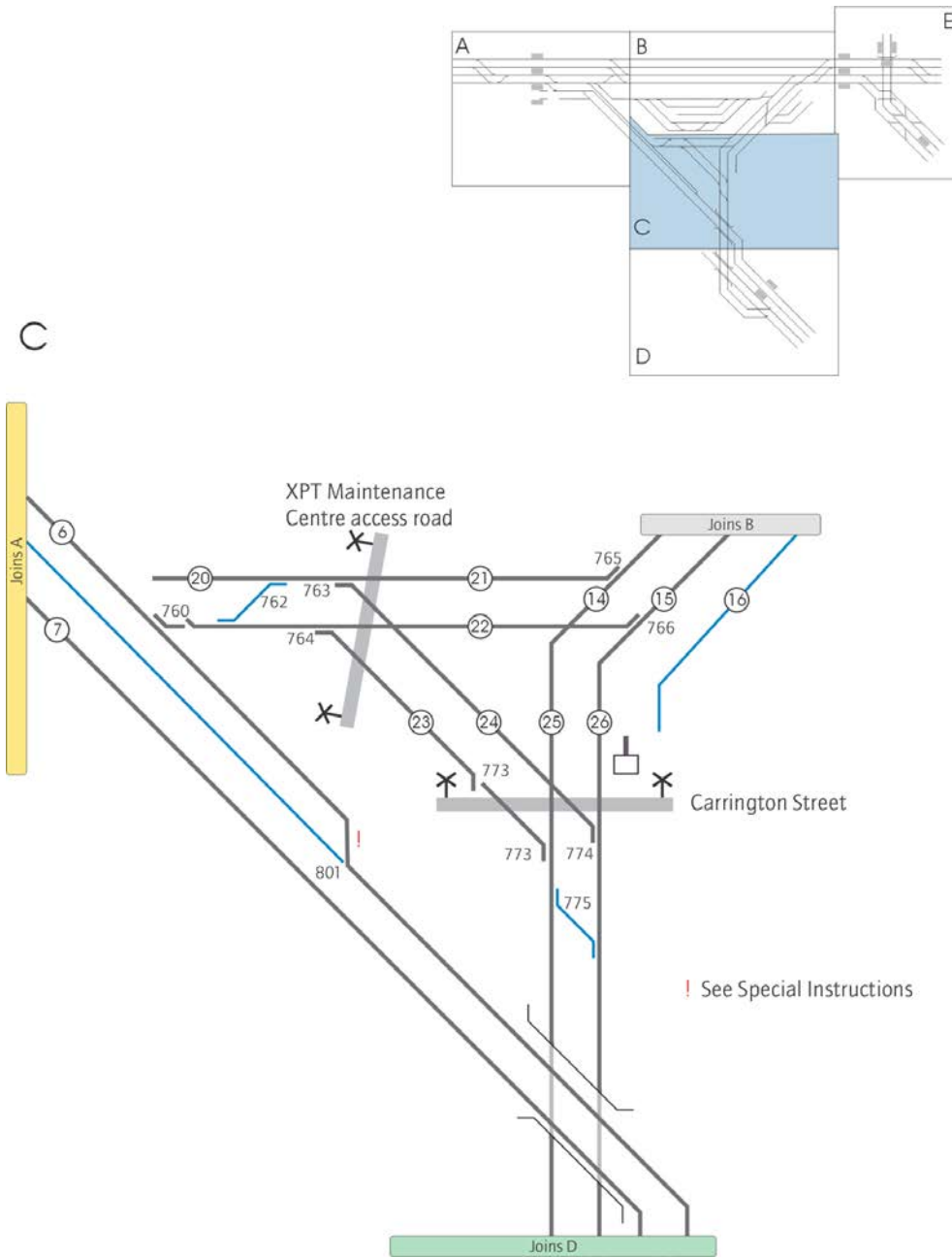
Key		
1 Down Illawarra line	4 Up Illawarra Local line	7 Up Bankstown line
2 Up Illawarra line	5 Sydenham	8 XPT Maintenance Centre
3 Down Illawarra Local line	6 Down Bankstown line	

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Key		
1 Down Illawarra Line	10 No 1 siding 355m	15 Up Goods line
2 Up Illawarra Line	11 Dock siding 158m	16 Shunting Neck 208m
3 Down Illawarra Local line	12 No 2 Refuelling road 455m	17 No 1 South siding 197m
4 Up Illawarra Local line	13 No 1 Refuelling road 576m	18 No 2 South siding 83m
8 XPT Maintenance Centre	14 Down Goods line	19 No 3 South siding 153m
9 No 2 siding 355m		

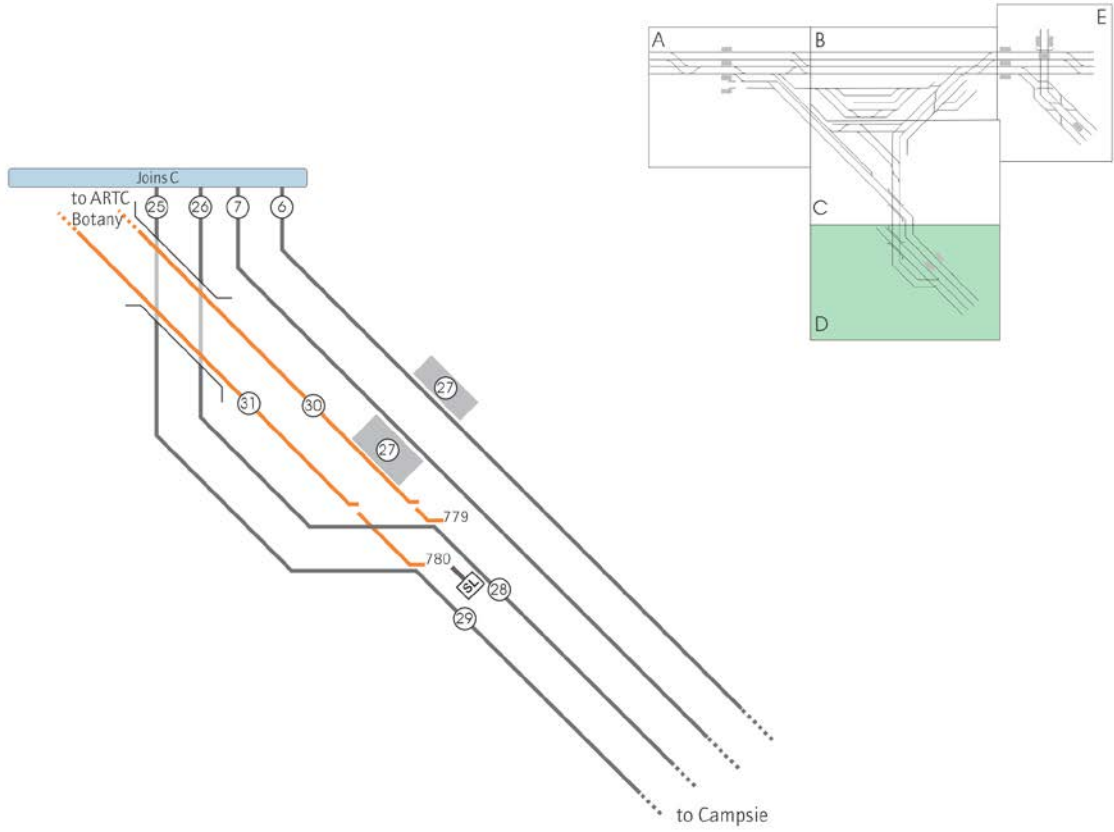
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Key		
6 Down Bankstown line	16 Shunting Neck 208m	23 Up North Fork line
7 Up Bankstown line	20 North Shunting Neck 65m	24 Down North Fork line
14 Down Goods line	21 Down East Fork line	25 Down South Fork line
15 Up Goods line	22 Up East Fork line	26 Up South Fork line

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D

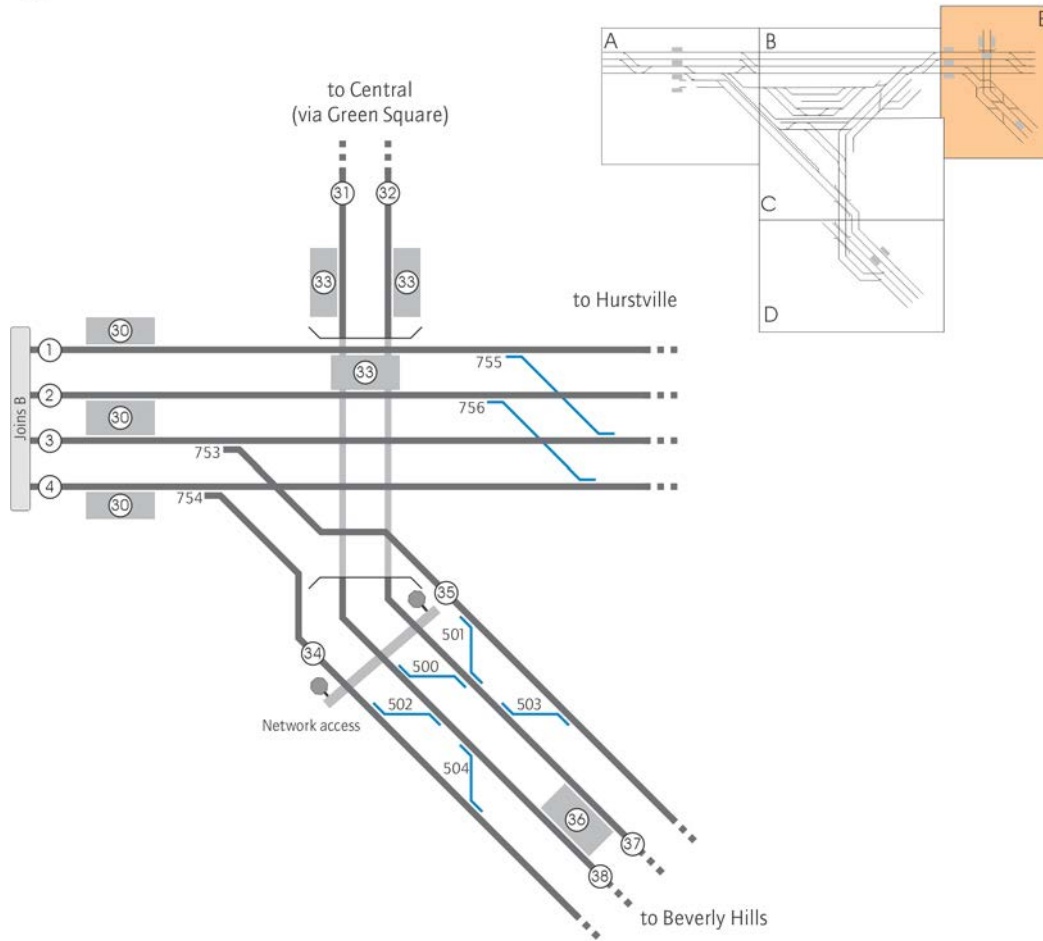


Key			
6	Down Bankstown line	29	Up Goods line (Sydenham to St Leonards Junction)
7	Up Bankstown line	27	Marrickville
25	Down South Fork line	28	Down Goods line (Sydenham to St Leonards Junction)
		30	Down Botany line
		31	Up Botany line

Network
Local
Appendices

Sydenham

E



Key		
1 Down Illawarra line	31 Up Airport line	35 Down Main line
2 Up Illawarra line	32 Down Airport line	36 Turrella
3 Down Illawarra Local line	33 Wollie Creek	37 Down Local line
4 Up Illawarra Local line	34 Up Main line	38 Up Local line
30 Tempe		

Network Control

Network Controller at ARTC (Junee)

Signaller at Rail Operations Centre (ROC).

Yard Limits











Down Illawarra line	YL	4.611km Down signal SM577I
	EYL	7.758km Down signal SM801I
Up Illawarra line	EYL	4.611km Up signal SY580I
	YL	8.323km Up signal SM808I
Down Illawarra Local line	YL	4.611km Down signal SM579IL
	EYL	7.758km Down signal SM803IL
Up Illawarra Local line	EYL	4.611km Up signal SY582IL
	YL	7.916km Up signal SM670IL
Up Bankstown line	YL	5.815km Up signal SM678B
Down Bankstown line	EYL	5.922km Down signal SM155B
Down Airport line	YL	9.947km Down signal SM403SR
Up Airport line	EYL	10.266km Up signal SR10.2
Down Main line	EYL	9.469km Down signal M9.5
Up Main line	YL	9.154km Up signal SM430UM
Down Local line	EYL	9.469km Down signal L9.5
Up Local line	YL	9.154km Up signal SM428UL
Up Goods line (Sydenham–Sefton Park Junction)	YL	5.648km Up signal SM710G
	EYL	12.793km Up signal G12.8
Down Goods line (Sydenham–Sefton Park Junction)	EYL	5.539km Down signal CR711G
	YL	12.737km Down signal ED101

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Location details

Interlocked points without groundframes are operated from ROC.

-  5.228km Sydenham. Platforms 1, 2 (closed for use by Sydney Metro) and 3,4 and 5,6
-  5.639km signal box
-  5.645km Down wide electric train STOP sign on Up South Fork line
-  6.233km Crossover to No 2 siding: key from releasing switch F, released from the signal box
-  See Special instructions
-  6.477km Marrickville. Platforms 1, 2
-  6.765km Down SHUNT LIMIT sign on Up Goods line
-  6.770km Tempe. Platforms 1, 2 and 3, 4
-  7.227km Wolli Creek (9.400km on Airport line). Platforms 1, 2, 3 and 4
-  8.565km Turrella. Platform 1 and 2

Level crossings

-  5.931km XPT Maintenance Centre Network access restricted by closed and locked gates.
-  See Special instructions
-  6.160km Carrington Street Network access restricted by closed and locked gates.
-  8.138km and 10.372km Network access, Up East Hills line and the Up and Down Airport lines

Special instructions

XPT Maintenance Centre

Level crossings

Road vehicles must not use the level crossings unless a Qualified Worker is present to:

- get permission from the Signaller at the ROC to use the level crossing, and
- get and give relevant assurances about rail and road traffic, and
- unlock and re-lock the gates, and
- supervise use of the level crossing by road vehicles.

Frame F

XPT cars, Xplorer cars or locomotive-hauled passenger cars travelling as trip trains must be piloted between the XPT Maintenance Centre and frame F.

Metropolitan Freight Network

The Metropolitan Freight Network comprises the following lines:

Down and Up Goods lines.

Recognition of Safeworking Competencies/Certification

Transport for NSW Rail Safety Worker (RSW) cards including RISI cards, held by Sydney Trains and NSW Trains personnel and contractors, and RSW cards and RISI cards recognised by ARTC are mutually recognised by both parties for any work that is performed in the Metropolitan Freight Network area.

Operational Boundaries

The operational boundaries between the ARTC and Sydney Trains controlled areas are as follows

Train Control boundaries

The Train Control boundaries between the ARTC and Sydney Trains controlled areas define the appropriate location for Train Control responsibilities.

The Sydney Trains Network Controllers have operational control on the Sydenham side of:

- Down Goods line, signal CR 711 G (exclusive)
- Up Goods line, signal SM 710 G (inclusive)

The ARTC Network Controllers have operational control on the Enfield side of:

- Down Goods line, signal CR 711 G (inclusive)

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- Up Goods line, signal SM 710 G (exclusive).

Advertised possession boundaries

The boundaries for the issue of a LPA between the ARTC and Sydney Trains on the Goods lines between Marrickville Junction and Sydenham are as follows.

During back-to-back Sydney Trains and ARTC controlled possessions

- Down Goods line, signal CR 711 G
- Up Goods line, signal SM 710 G.

Worksites and rail vehicles that need to move from Sydney Trains controlled area to ARTC controlled area are authorised and supervised by the ARTC Possession Protection Officer.

Worksites and rail vehicles that need to move from ARTC controlled area to Sydney Trains controlled area are authorised and supervised by the Sydney Trains Possession Protection Officer.

During Sydney Trains controlled possessions

- Down Goods line, signal CR 711 G
- Up Goods line, signal SM 710 G.

During ARTC controlled possessions

- Down Goods line, signal CR 711 G
- Up Goods line, signal SM 710 G.

Dual Control Signals

New ATRICS "Accept" controls will be provided for routes entering Meeks Road junction to the North and South Forks from the Goods Lines. The three new "Accept" routes will be;

1. "SM716(S)A" Accepts CR716(S)A – Down Goods Line to SM708 Signal
2. "SM718(M)A" Accepts CR718(M)A – Up Goods Line to SM710 Signal
3. "SM718(S)A" Accepts CR718(S)A – Up Goods Line to SM710 Signal.

Points 800A/B and 801

Points 800 and 801 are spiked and SL locked in the normal position for straight running.

Emergency Operation of non-operational points

Points 800 and 801 are fitted with Emergency Operation Lock (EOL) equipment of the fortress key type for emergency hand operation.

Sydenham

Related documents

<i>NLA 108</i>	<i>Central–Sydenham (via Green Square)</i>
<i>NLA 400</i>	<i>Central–Sutherland</i>
<i>NLA 508</i>	<i>Sydenham–Sefton Park Junction</i>
<i>NLA 510</i>	<i>Sydenham–Glenfield</i>

Effective date

6 January 2020