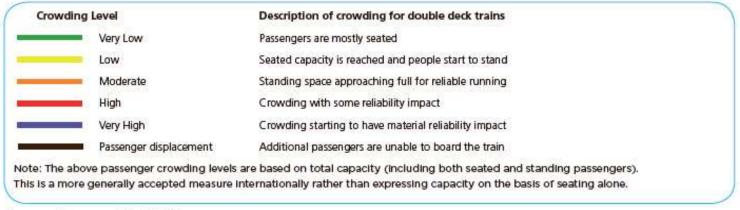
The Turbulent Sydney Metro Story

Ecotransit Sydney

Mathew Hounsell

Co-convenor





Source: Transport for NSW

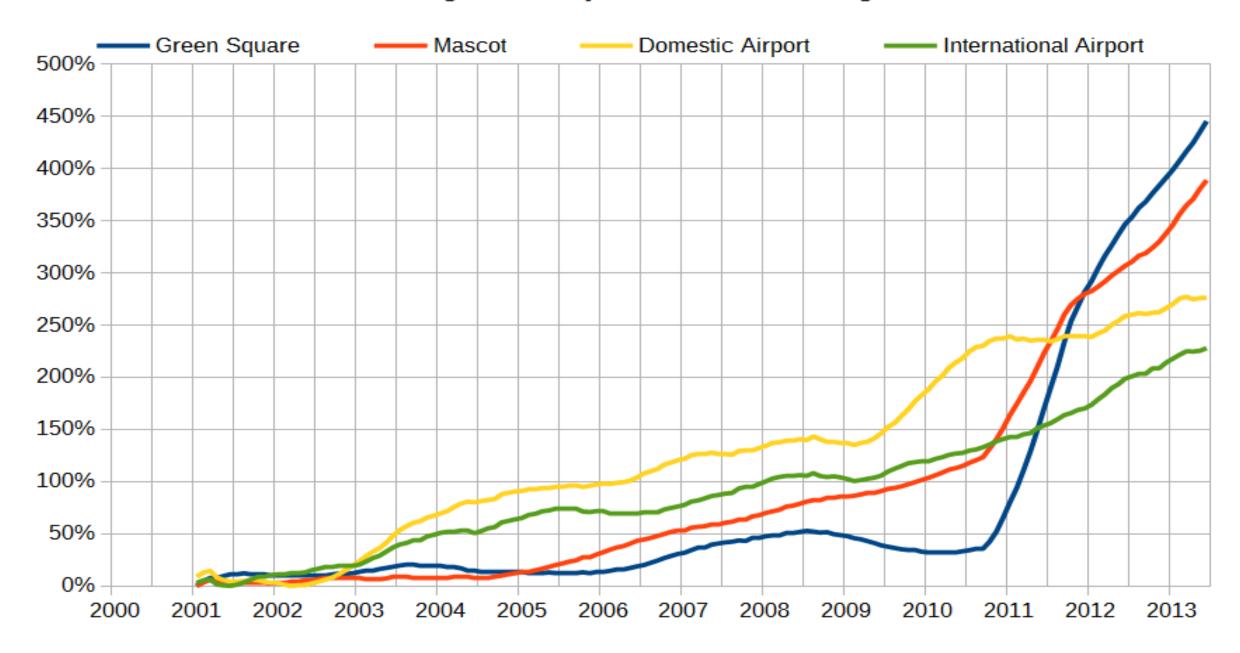
Key changes over the last decade

† ₁†	13 %	Population
Ø	1 7%	Weekday trips
*	1 10%	Weekend trips
<u>-</u>	1 23%	Vehicles

Growth by mode

1	1 24%	Train trips
	1 19%	Bus trips
~	1 5%	Vehicle trips
0	1 21%	Total public transport

Passenger Journeys - 12 Month Average



Joint Study on Aviation Capacity in the Sydney Region

- There is already some crowding in the am peak on CBD bound trains. Some of these services are already full (but with some standing room available) before they reach the International Terminal. This period is also the peak period for passenger arrivals at the airport. Based on current growth levels, between 2013 and 2018 all of these CBD-bound am peak services will be full unless additional rolling stock and train paths can be allocated to the Airport Rail Link.
- ▶ There are currently 8 trains per hour in the peak on the Airport Line. A sequence of rail projects including the Kingsgrove-Revesby quadruplication, completion of the South West Rail Link and construction of the Revesby turnback will provide capacity for additional services on this line. If additional rollingstock is allocated to the line, it is anticipated an additional 4 trains per hour in the peak will commence in 2016 when the South West Rail Link opens. This will temporarily relieve crowding in peak periods but in the longer term, additional services will be required as shown in Figure 2.

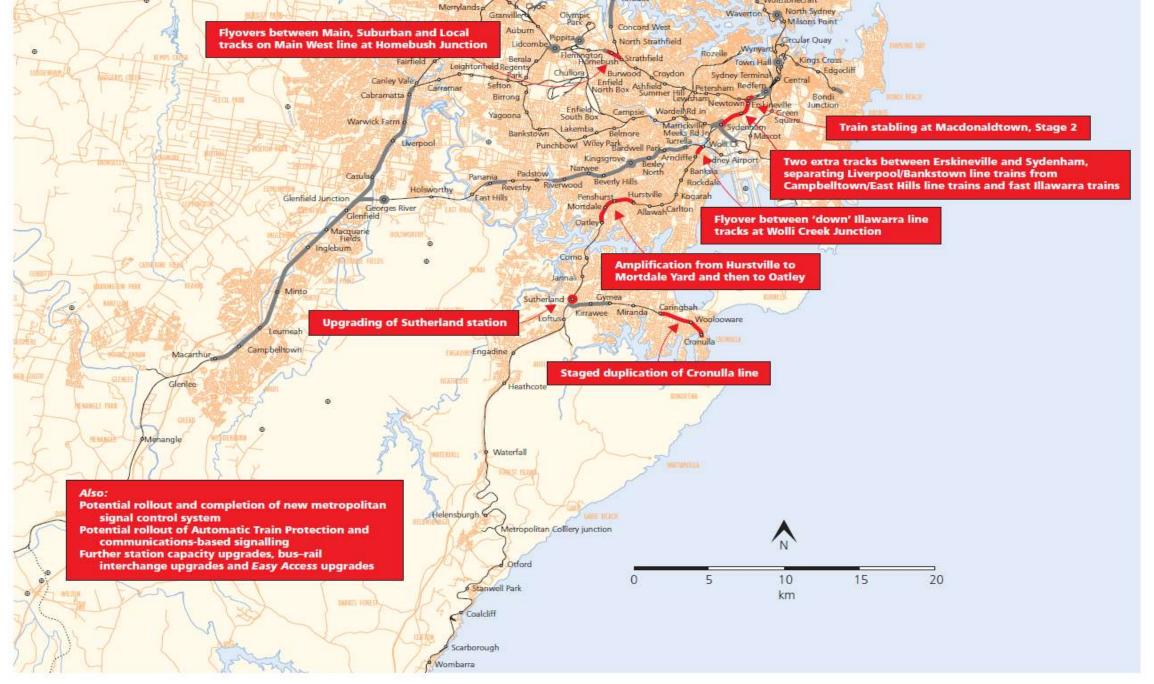


Figure 5.2. Rail network developments between 2006 and 2011 (for details, see section 4.4).

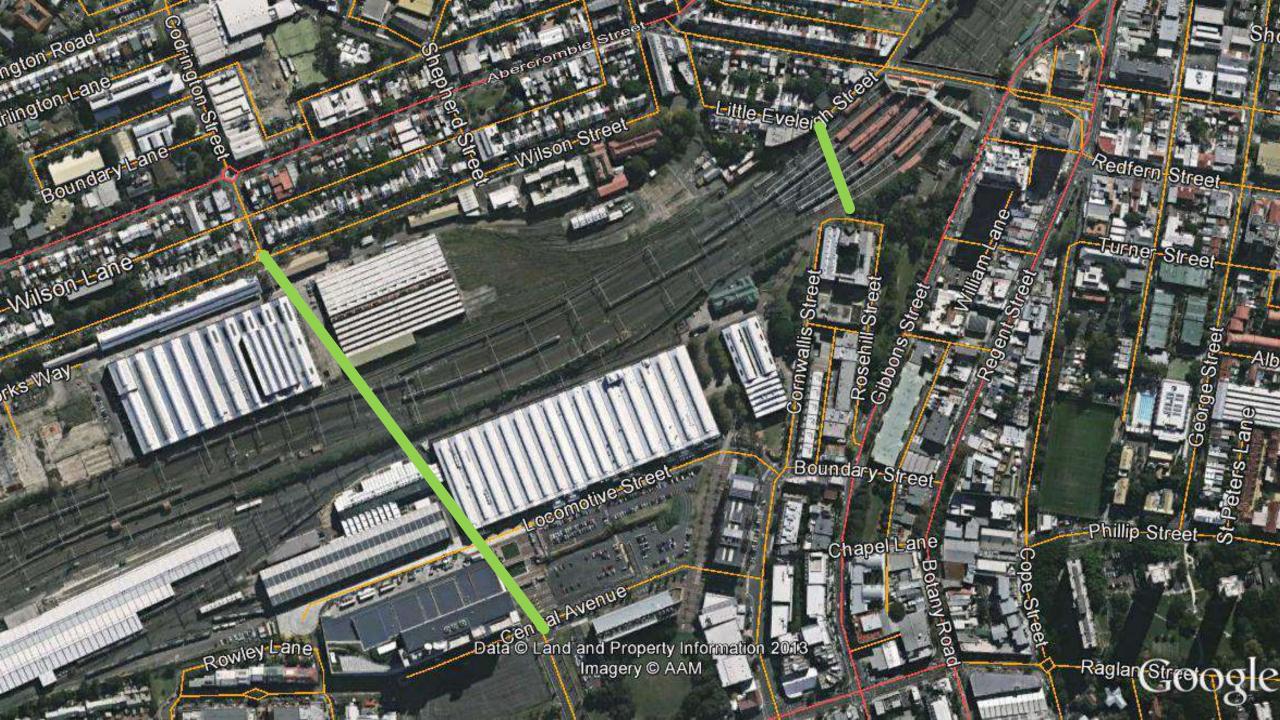


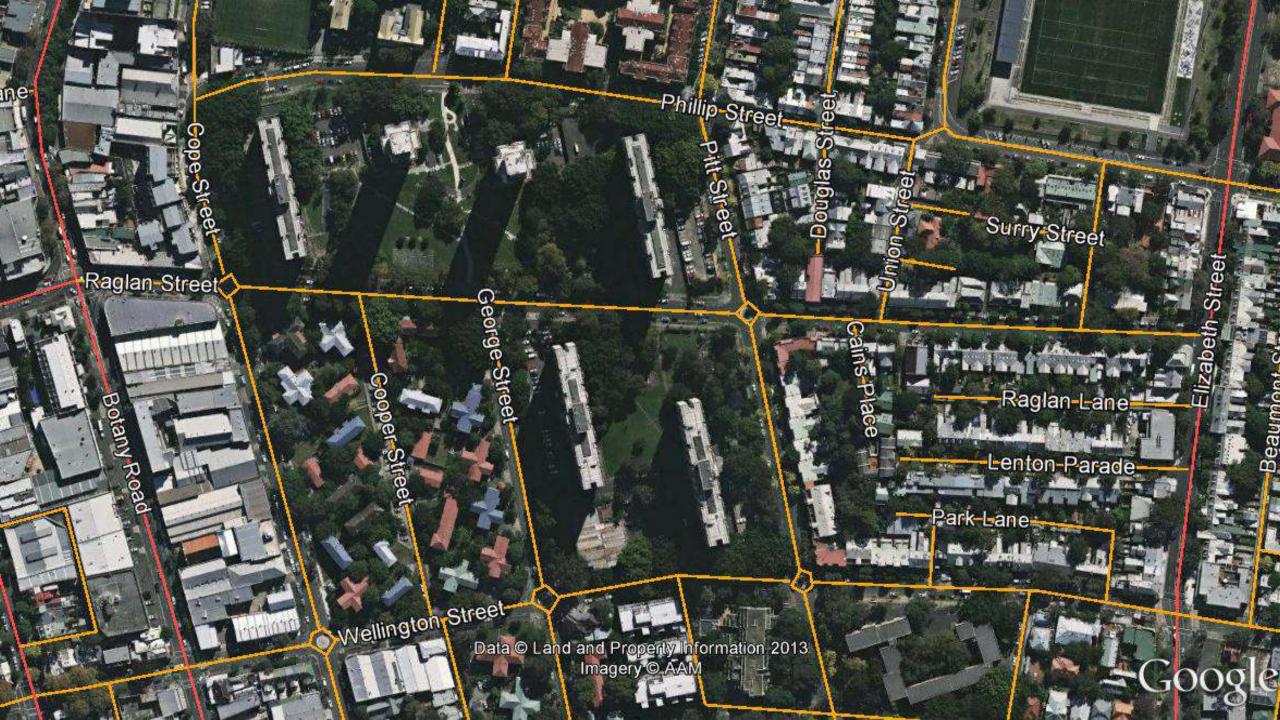








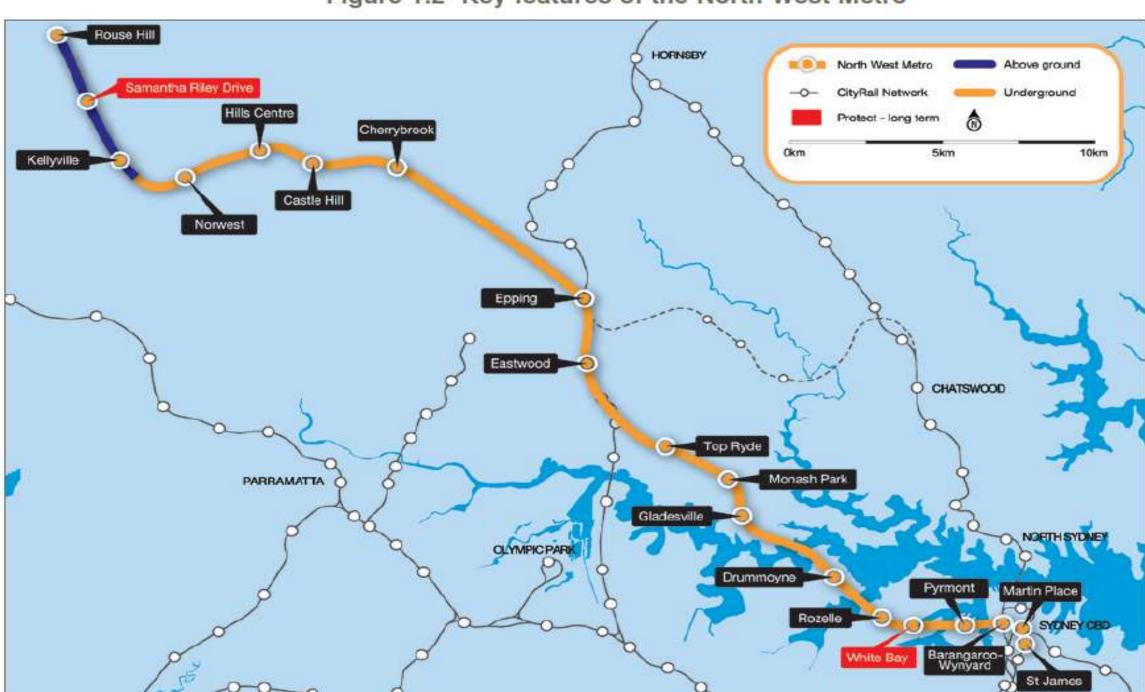


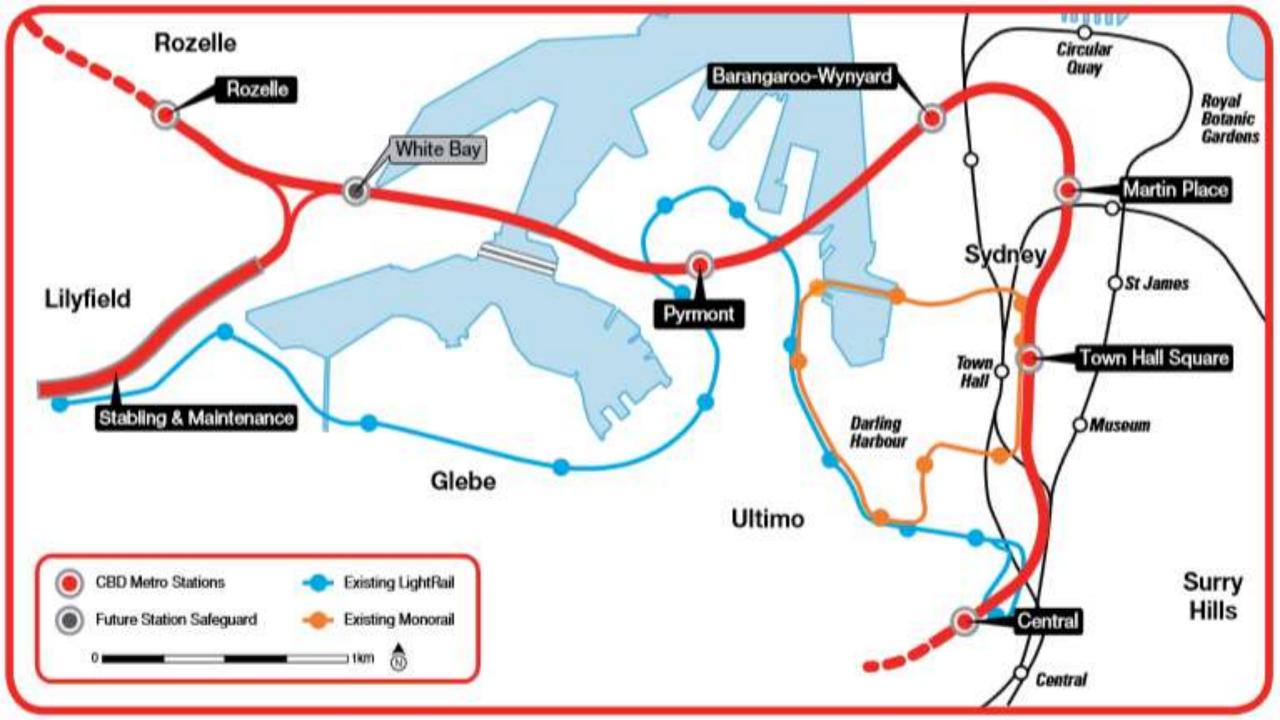


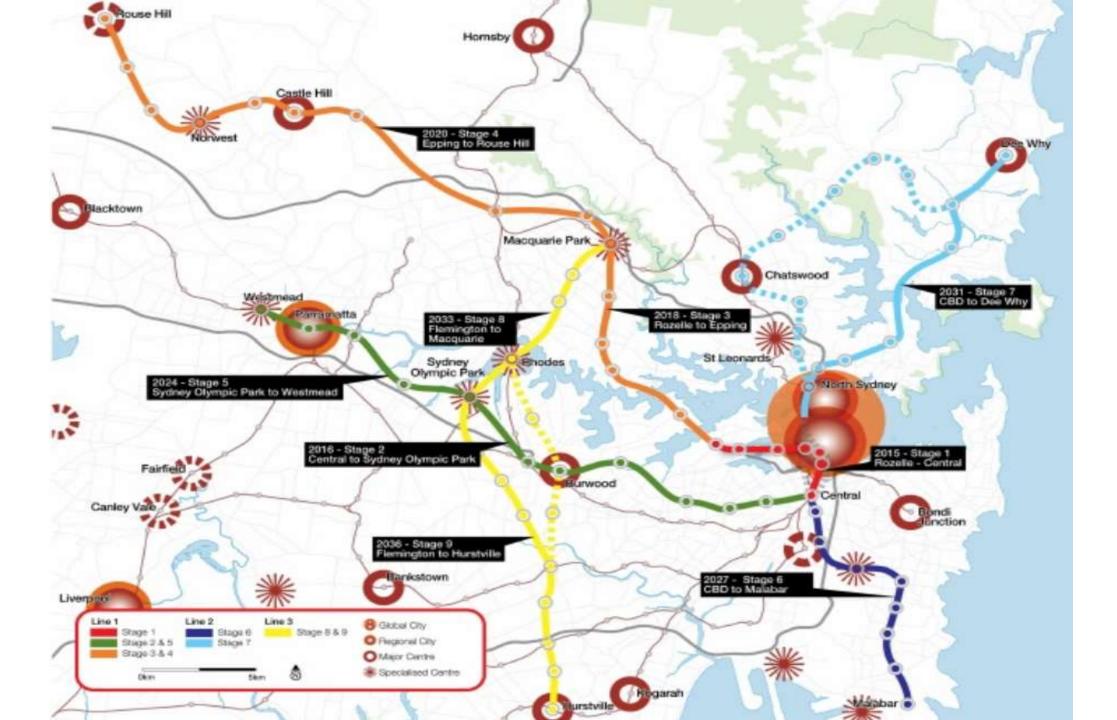
Why Metros?

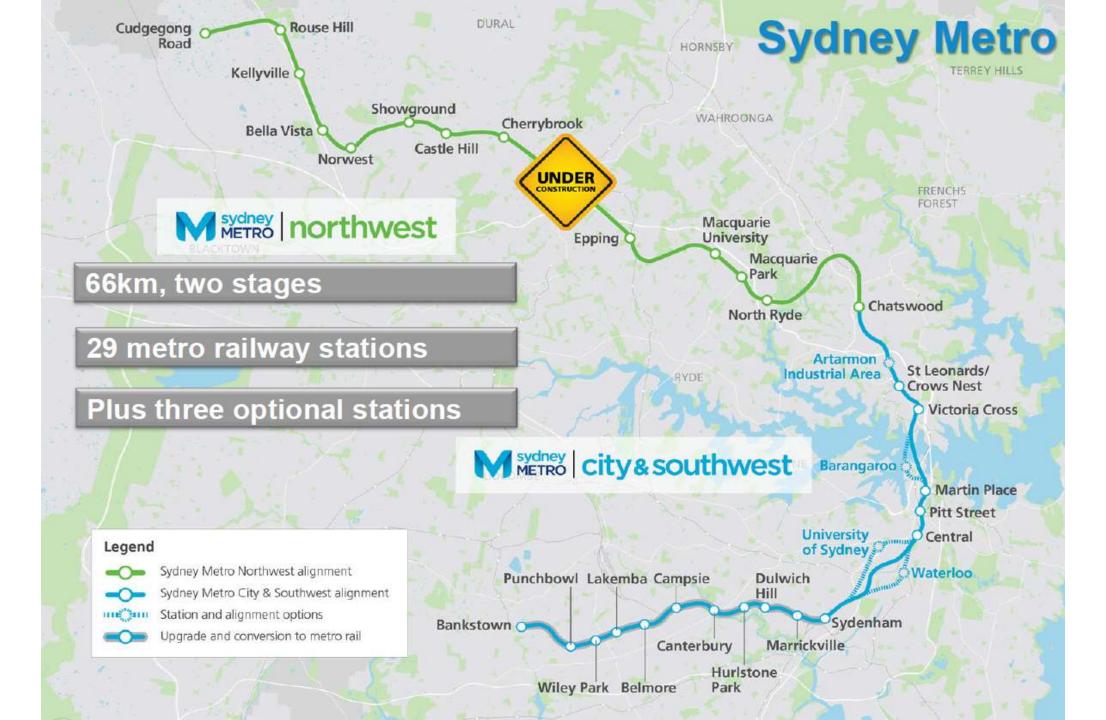


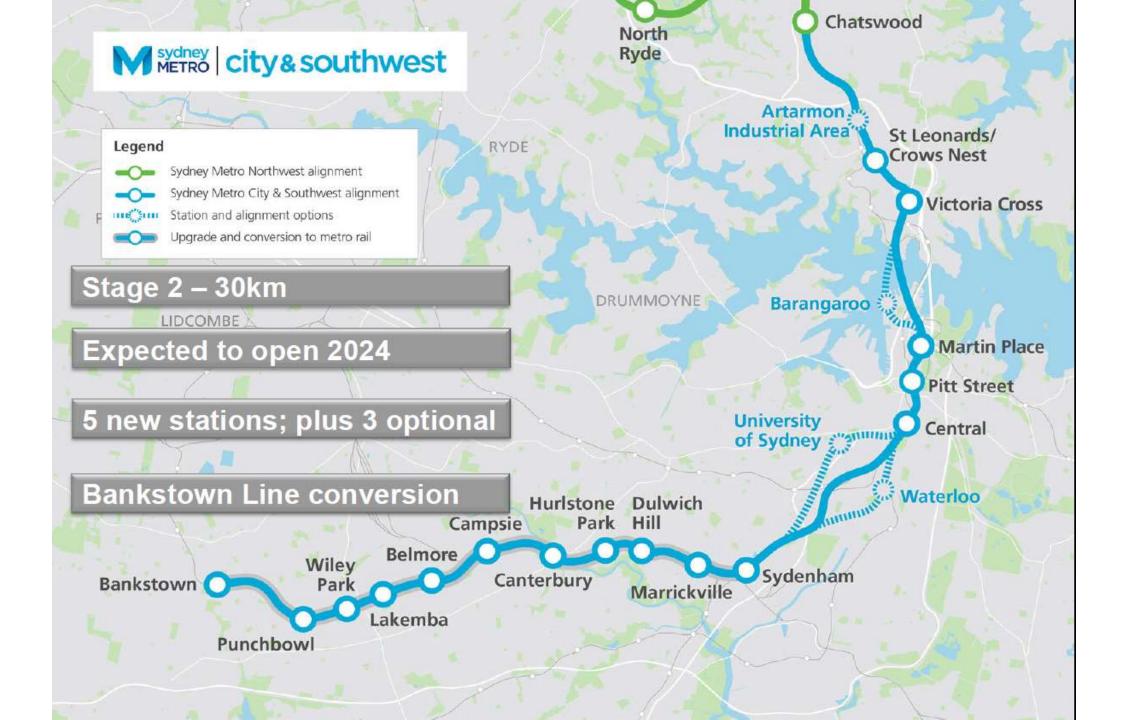
Figure 1.2 Key features of the North West Metro











ADDITIONAL METRO STATION OPTIONS continued

Waterloo

People around Waterloo have traditionally relied upon buses and walking as a transport solution.

Earmarked by the NSW Government for possible greater residential development and urban renewal, Waterloo now stands as a possible option for metro.

Waterloo is a centre for community and cultural activity and a growing residential area, with business activity increasing in the area in recent years.

A new metro station at Waterloo would help revitalise the Waterloo precinct and support the extension of the CBD to the south. It would also:

- Provide a high quality connection with bus services along Botany Road
- Provide additional connectivity to Australian Technology Park and Redfern Station
- Contribute to the NSW Government objective to transform Waterloo and Redfern.

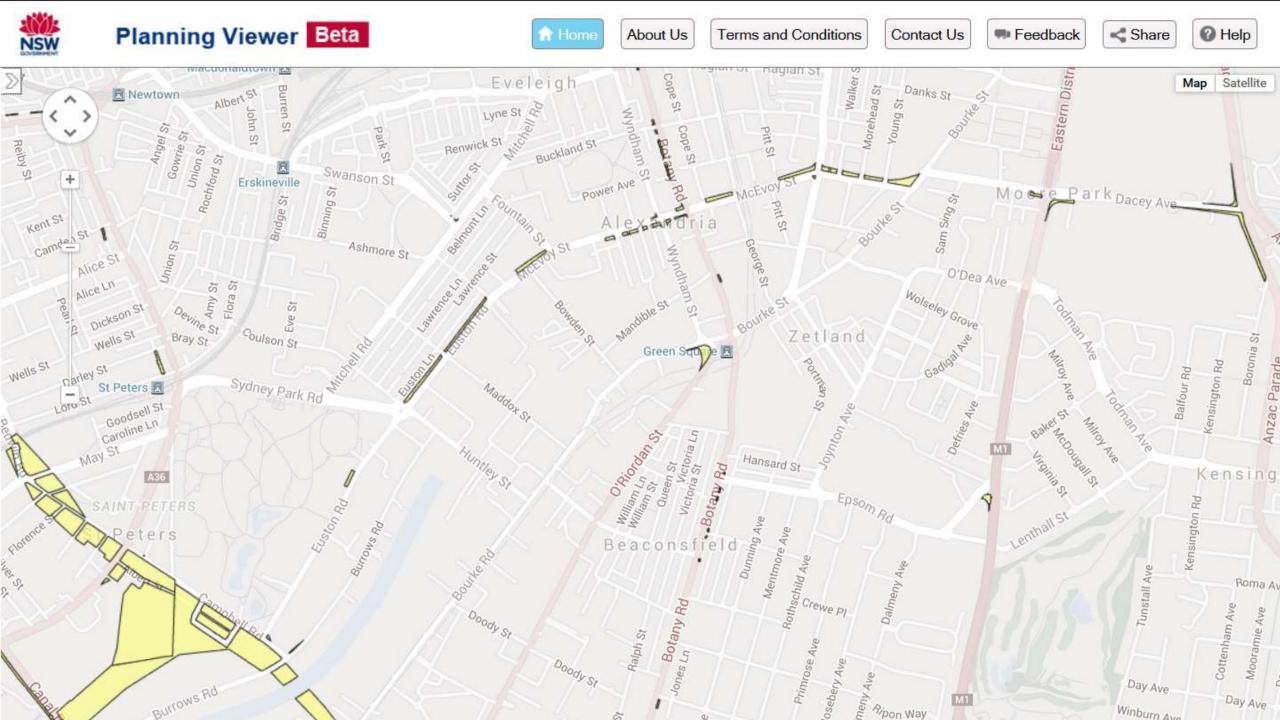
The metro station would also allow further development and expansion of the Global Economic Corridor between the Sydney CBD and Green Square.

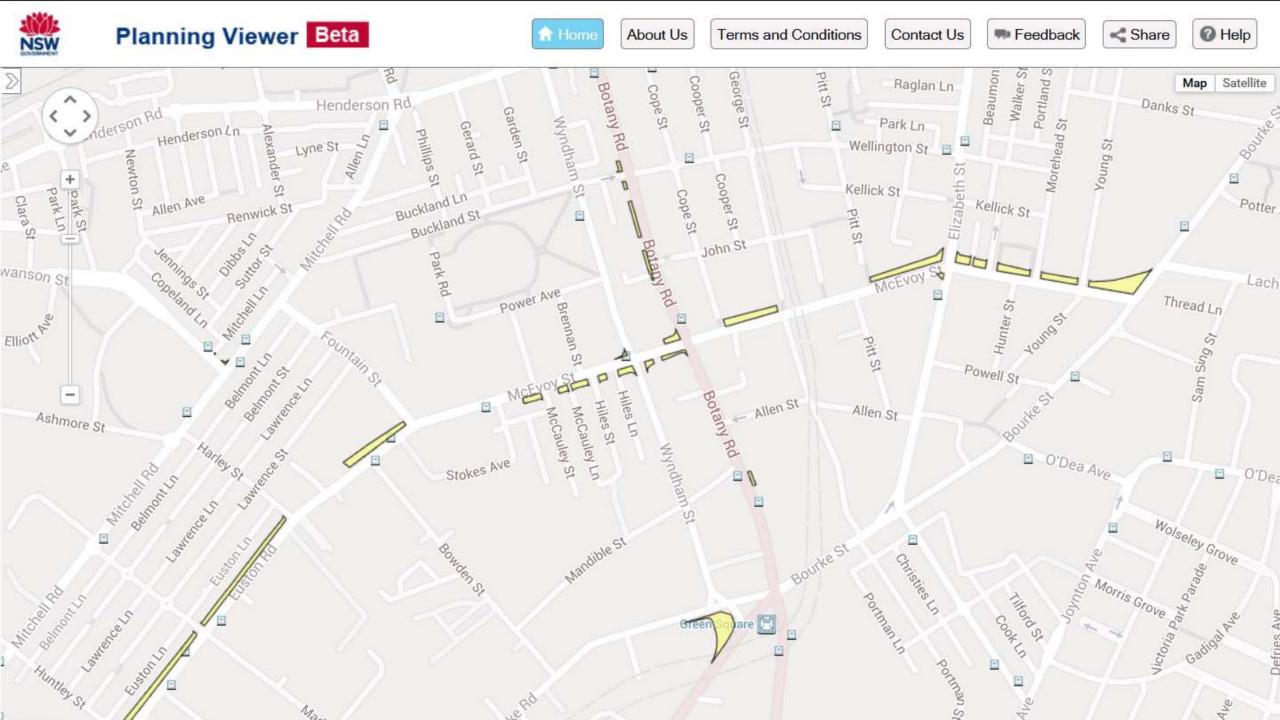


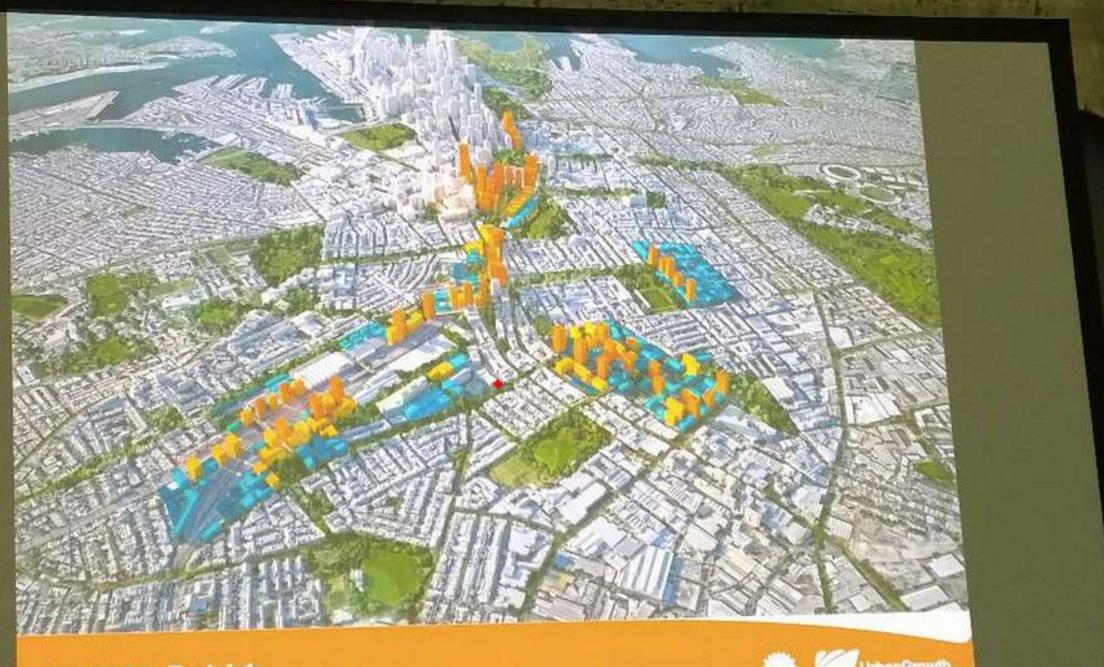




Station type	Underground	
Location	Waterloo	
LGA	City of Sydney	
Centre type	Local Centre	
Primary station function	Origin and Destination	
Catchment	Residential and Employment	
Access modes		
Walk	Yes	
Cycle	Yes	
Bus	Yes	
Light rail	No	
Taxi	Yes	
Kiss and ride	Yes	
Park and ride	No	



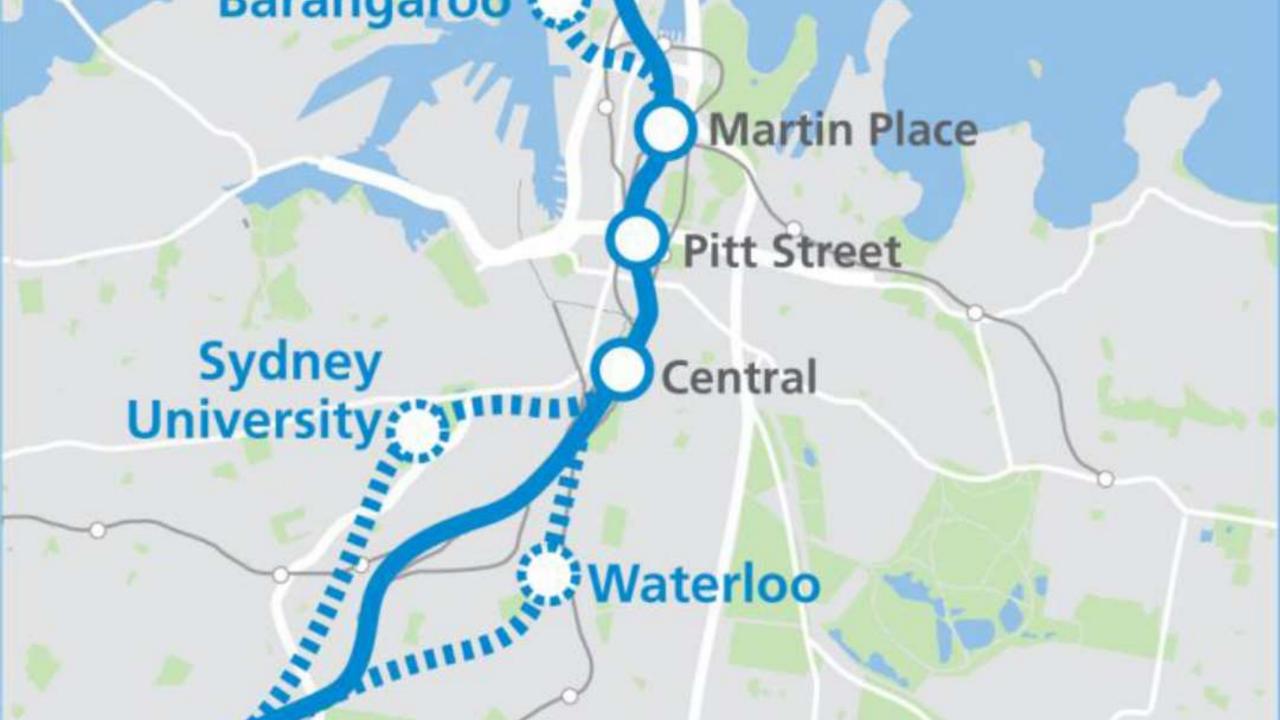


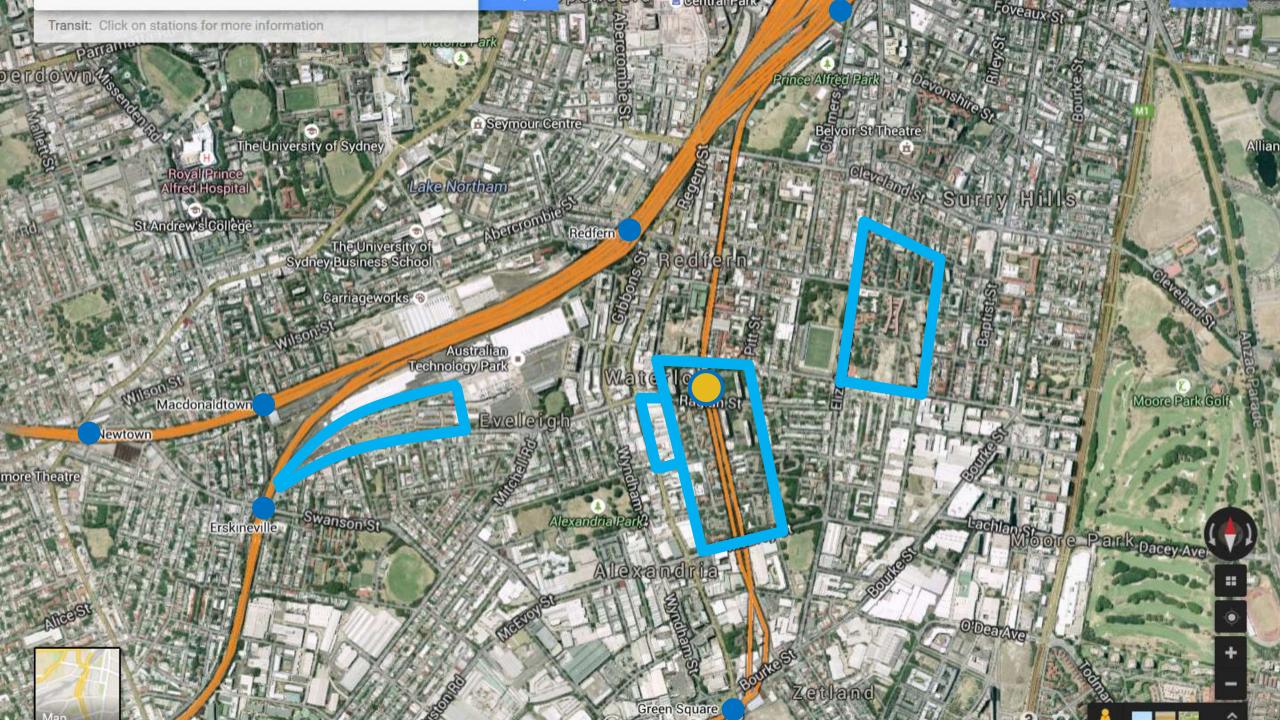


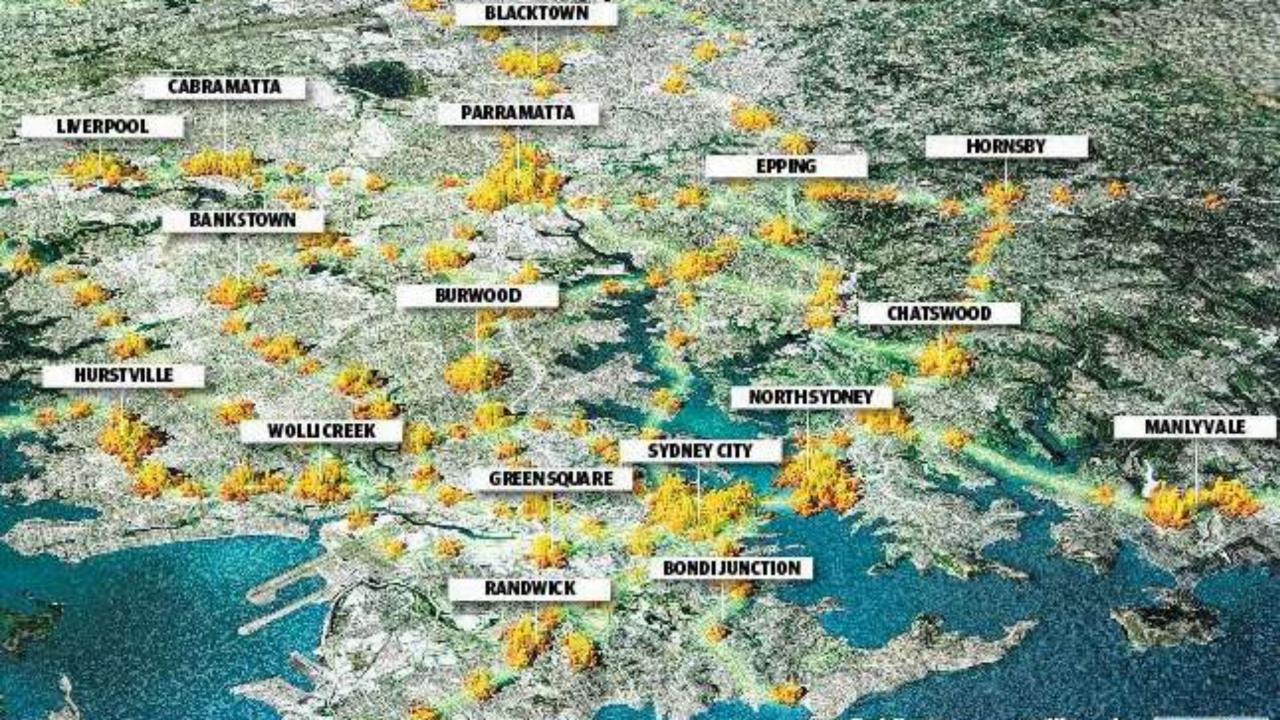


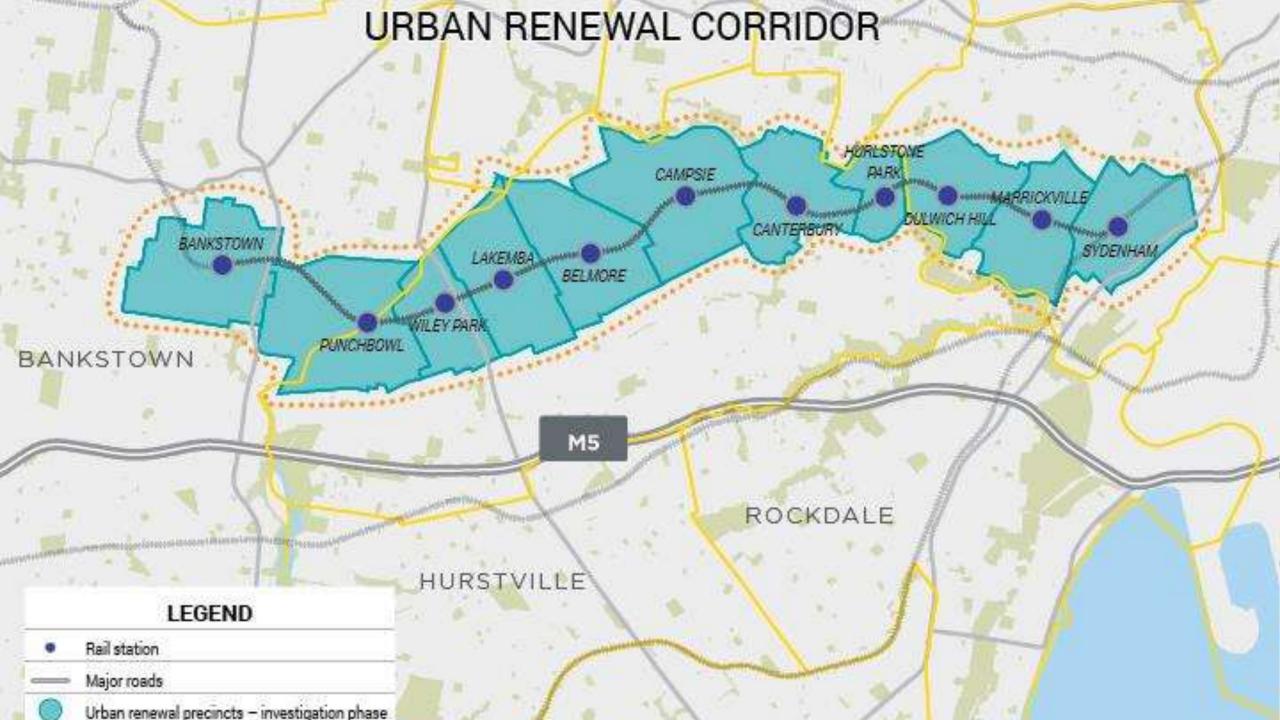






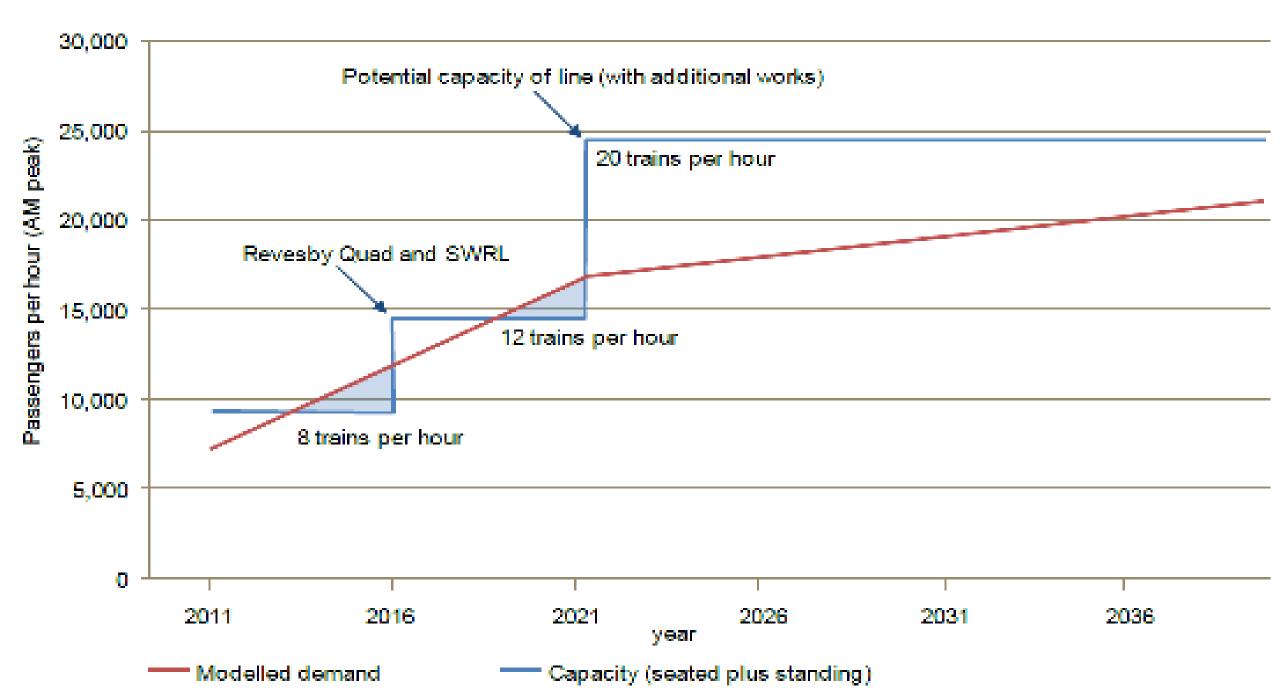






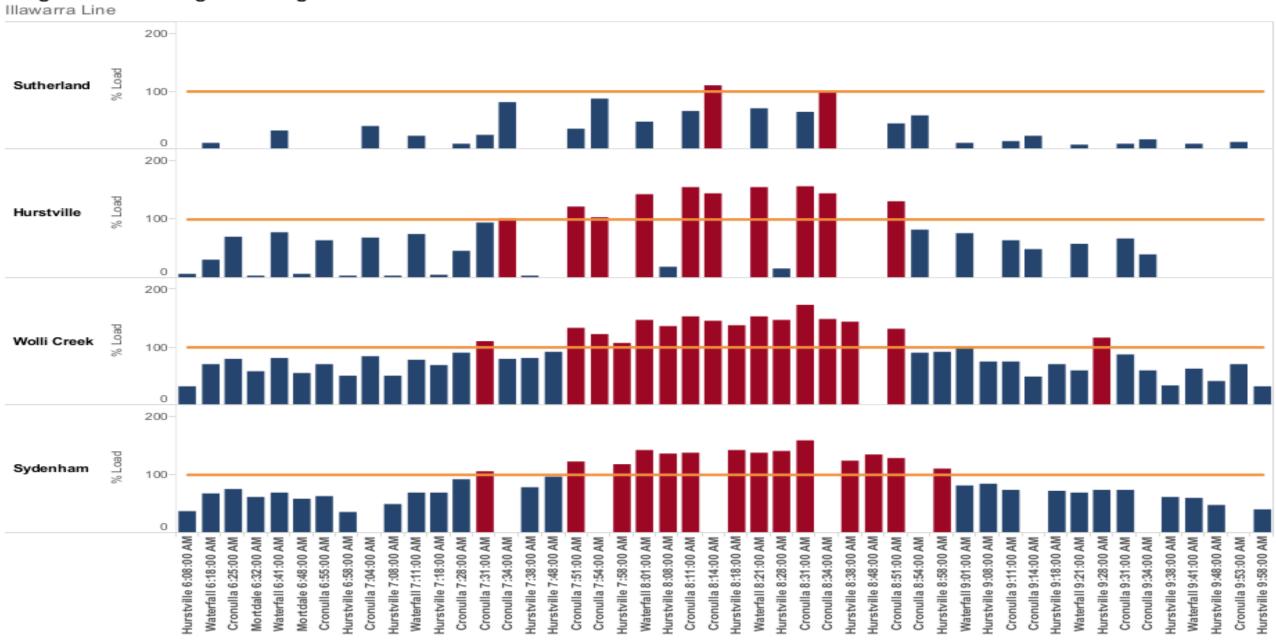
What about the passengers?

Figure 2 Potential Airport Rail Link capacity compared to modelled demand in the am peak



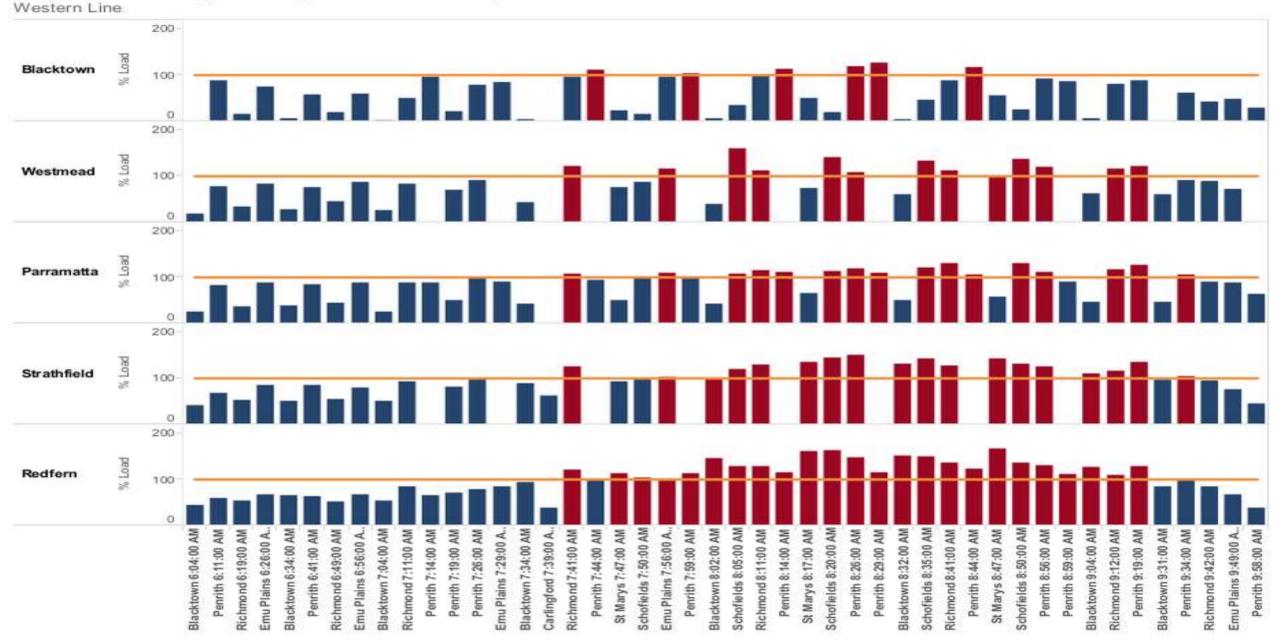
Train Loads Survey: March 2015 - By Line

Progressive Passenger Loading on T4 Eastern Suburbs & Illawarra Line in AM Peak



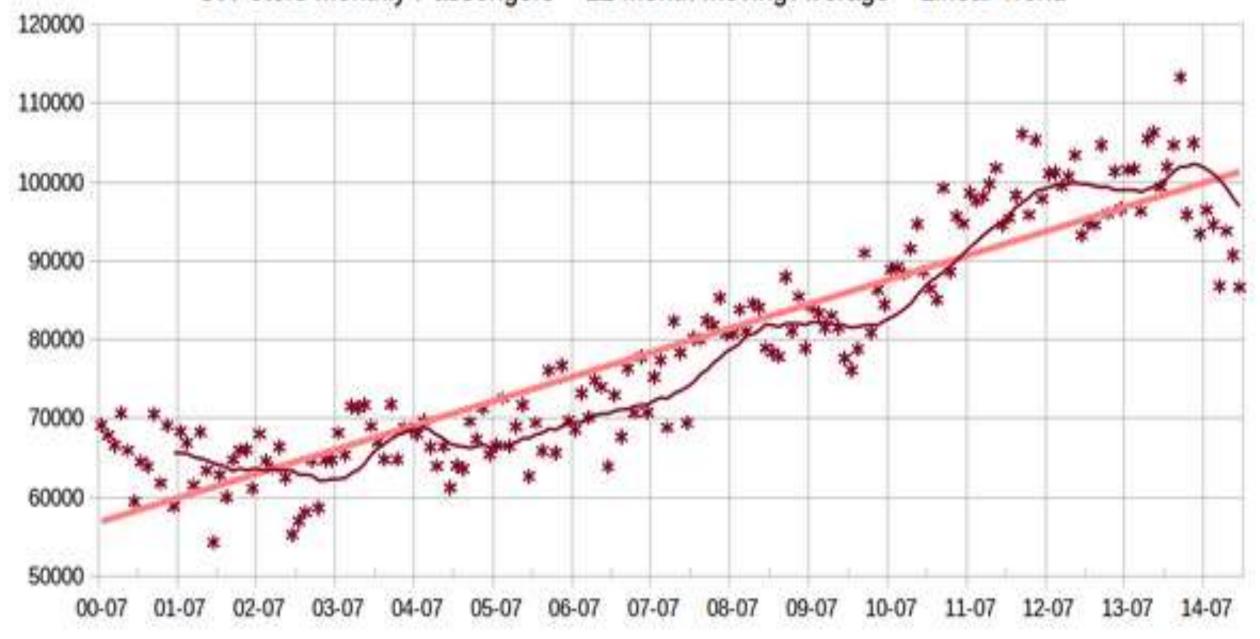
Train Loads Survey: March 2015 - By Line

Progressive Passenger Loading on T1 North Shore, Northern & Western Line in AM Peak

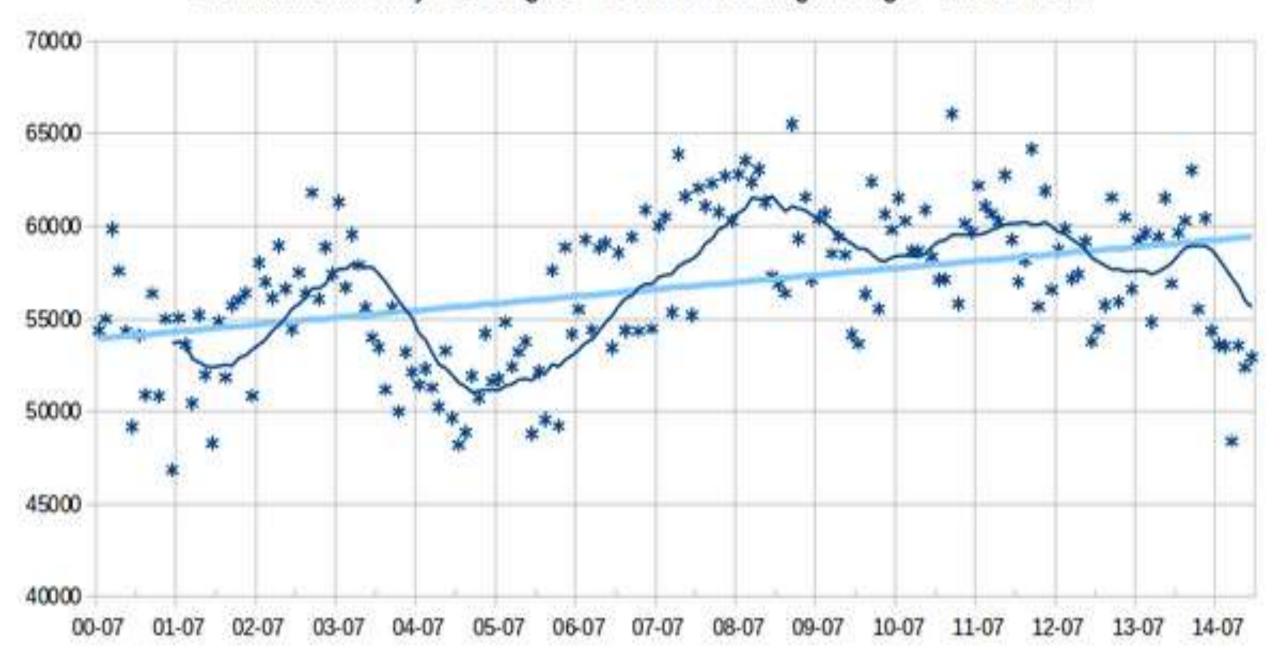


Train Loads Survey: March 2015 - By Line Progressive Passenger Loading on T3 Bankstown Line in AM Peak

St Peters Monthly Passengers + 12 Month Moving Average + Linear Trend

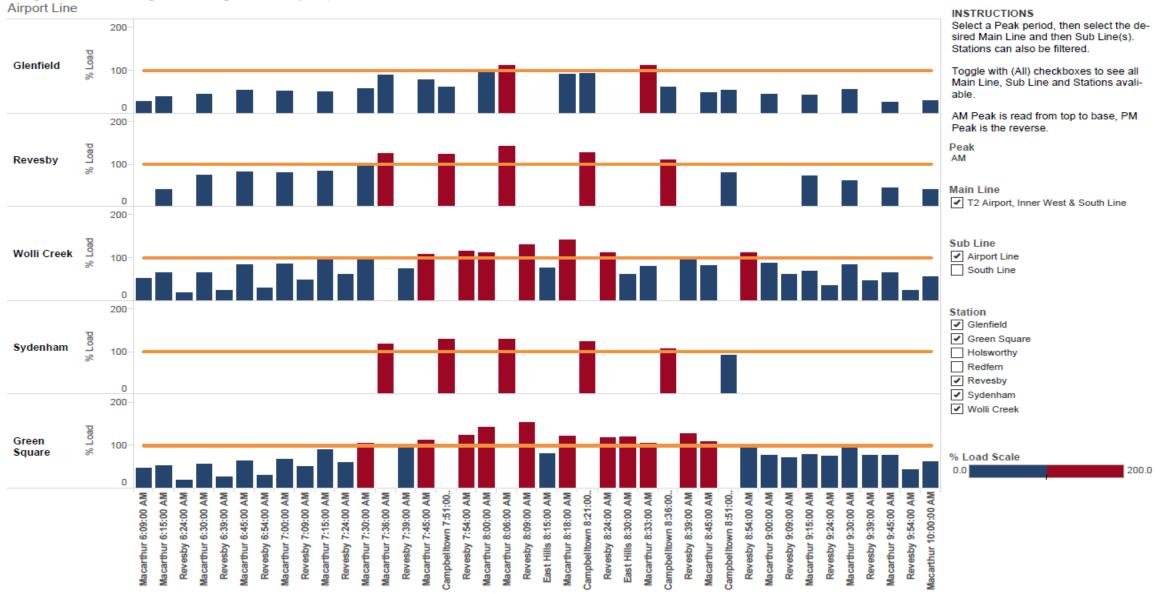


Erskineville Monthly Passengers + 12 Month Moving Average + Linear Trend



Train Loads Survey: March 2015 - By Line

Progressive Passenger Loading on T2 Airport, Inner West & South Line in AM Peak



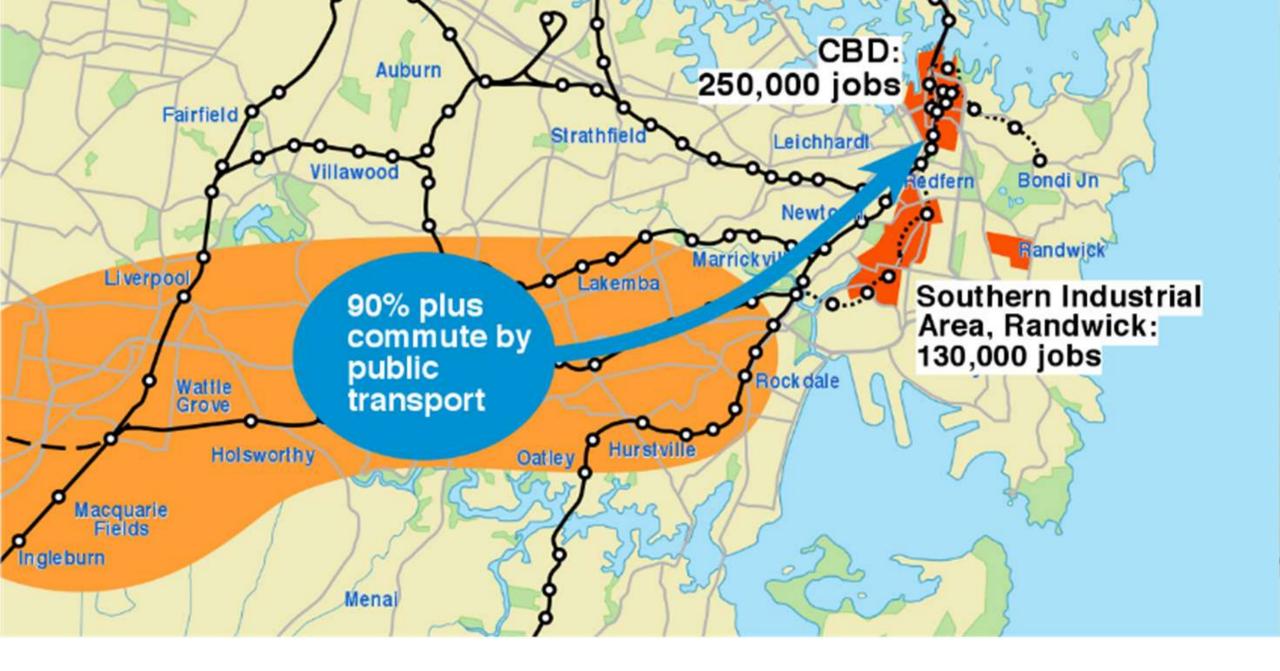


MTR Property & Railway-related business

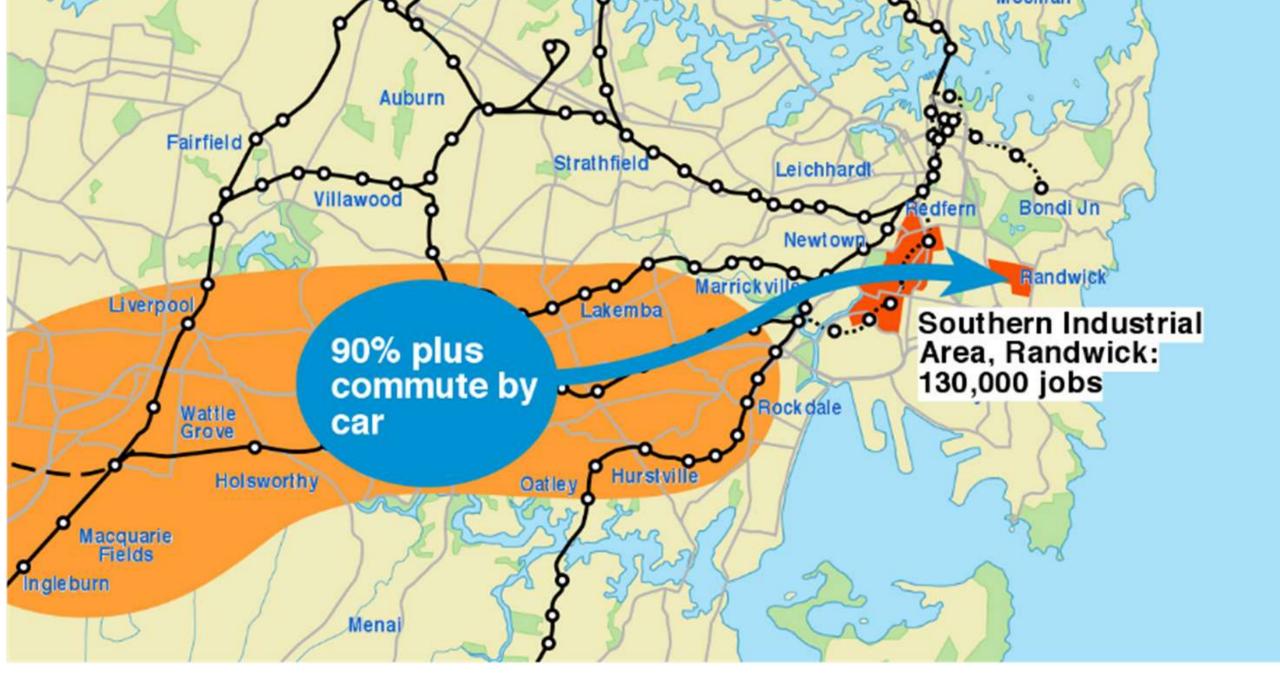
- The Corporation is involved in a wide range of business activities in Hong Kong in addition to its railway operations. These include
 - the development of residential and commercial property projects,
 - property management,
 - shopping malls
 - leasing and management,
 - advertising media and
 - telecommunication services in trains and stations.

What does this means for Alexandria, Erskineville, and the Inner City?





South-West Sydney's greatest commuter problem:

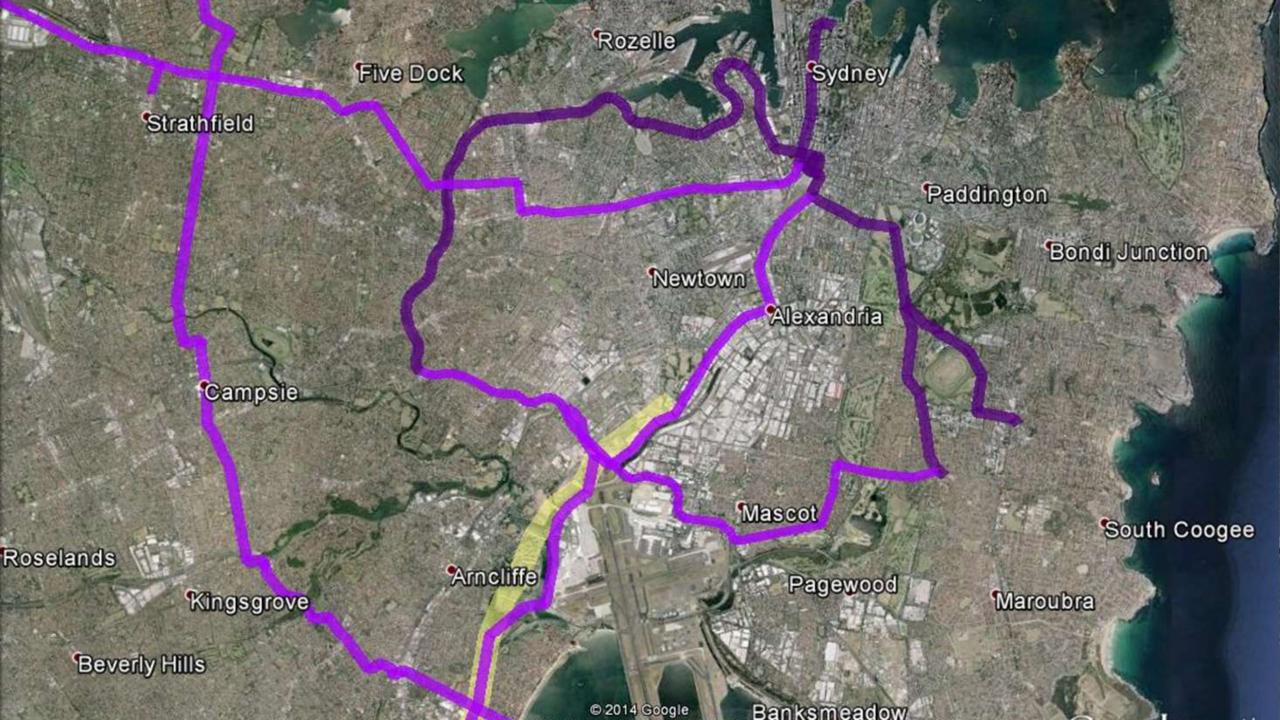


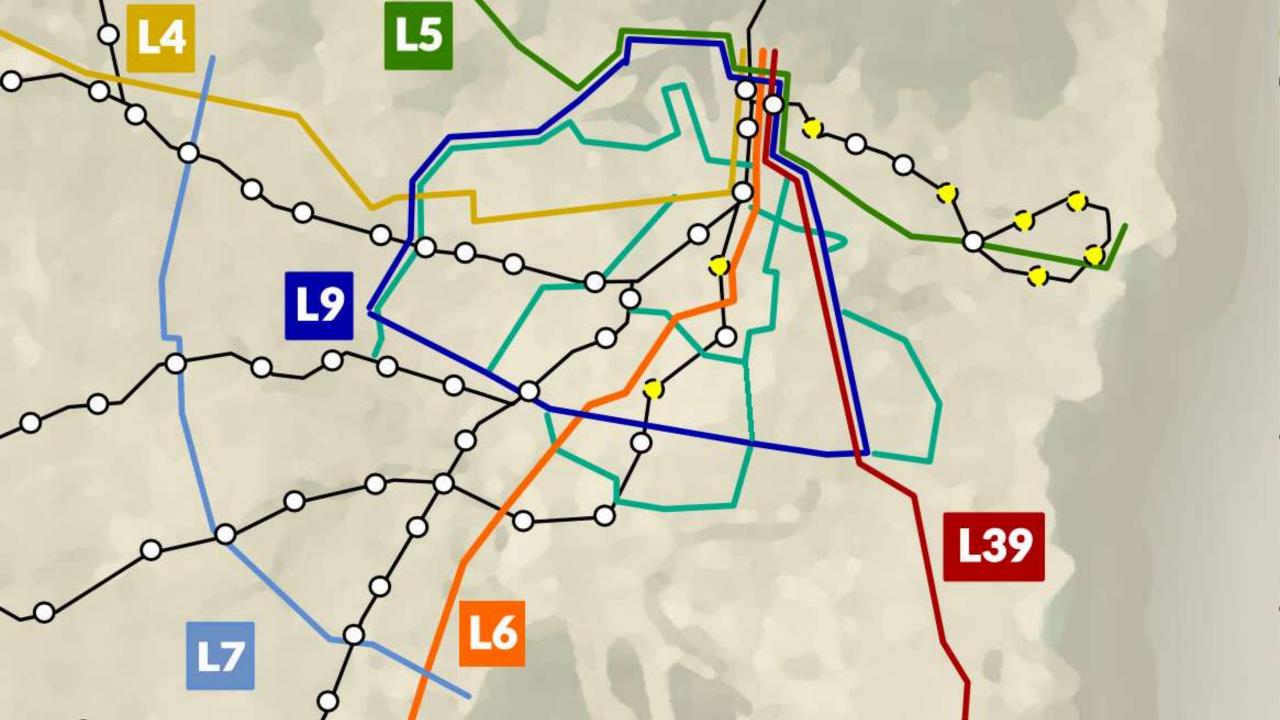
South-West Sydney's greatest commuter problem:

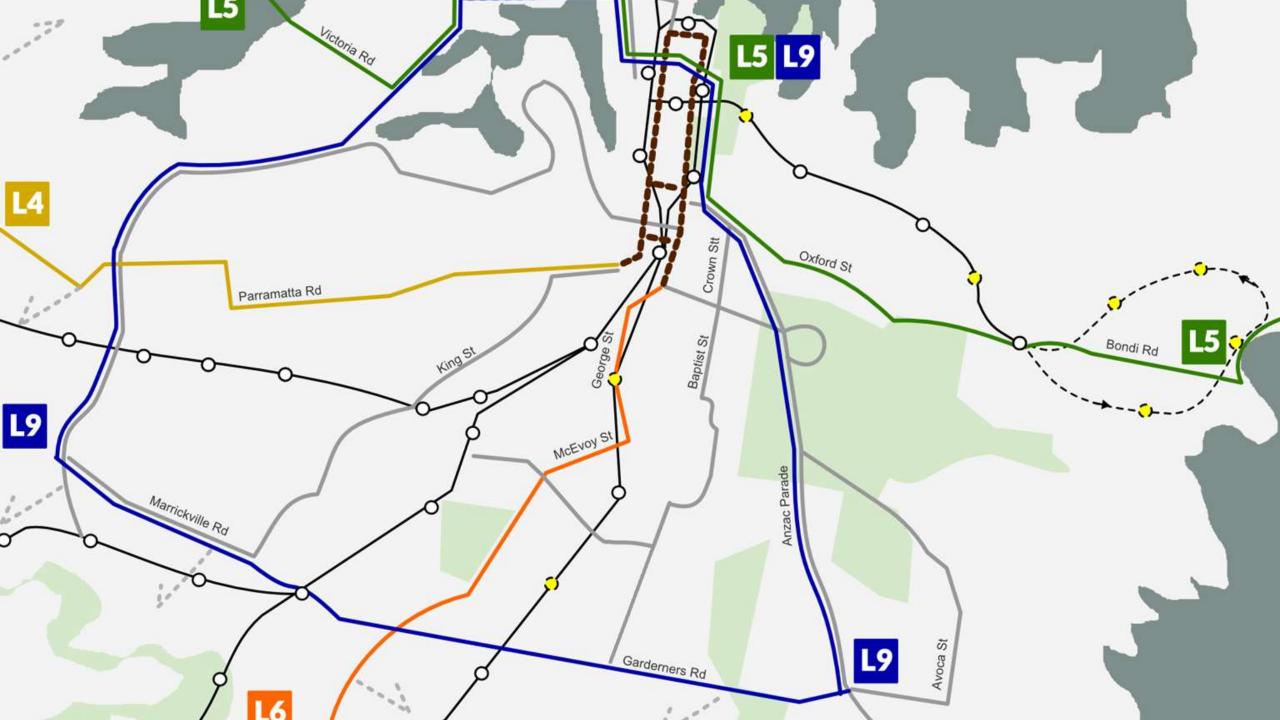
How do we fix this mess?











WHAT NEXT?

- ▶ Join a local group, and NoWestconnex
- ► Tell your neighbours and friends.
- ► Call your MPs and Councillors
- ▶ Put signs on your front fence.