



Temporary Transport Service Plan

Sydney Metro City & Southwest - Sydenham to Bankstown

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Abbreviations and Glossary

EB	Eastbound
NB	Northbound
PU	Pick-up
SB	Southbound
SCO	Sydney Coordination Office
SD	Set-down
SM	Sydney Metro
TfNSW	Transport for New South Wales
TTSP	Temporary Transport Service Plan, defines the temporary rail and bus services that will operate during a possessions.
WB	Westbound

Executive Summary

The Sydney Metro City & Southwest will upgrade all 10 stations between Sydenham and Bankstown to meet current accessibility standards before converting the T3 Bankstown Line to Metro operations. This upgrade will include a variety of construction activities that require the temporary closure of part or all of the rail line.

Over the school holidays in December 2019 and January 2020, stations between Campsie and Sydenham will close for upgrade works. During this period bus replacement services will operate to keep customers moving.

Planned works at Sydenham station will also impact the T4 Illawarra Line with buses replacing trains between Hurstville and Central Station. A combination of weekend and a weekday bus timetables will be in operation, depending on the expected patronage on a particular day during the holiday period.

Train services will continue to operate on the T3 Bankstown Line from Campsie to City via Lidcombe. Timetables and detailed service plans will be developed and communicated to customers prior to the temporary rail line closure.

1 Introduction

1.1 Background

The Sydney Metro City & Southwest Sydenham to Bankstown project ('the project') received planning approval on 19 December 2018 to upgrade the T3 Bankstown Line between Sydenham and Bankstown to metro standards. (Figure 1.1) The upgrade will include a variety of construction activities that require the temporary closure of part or all of the rail line.

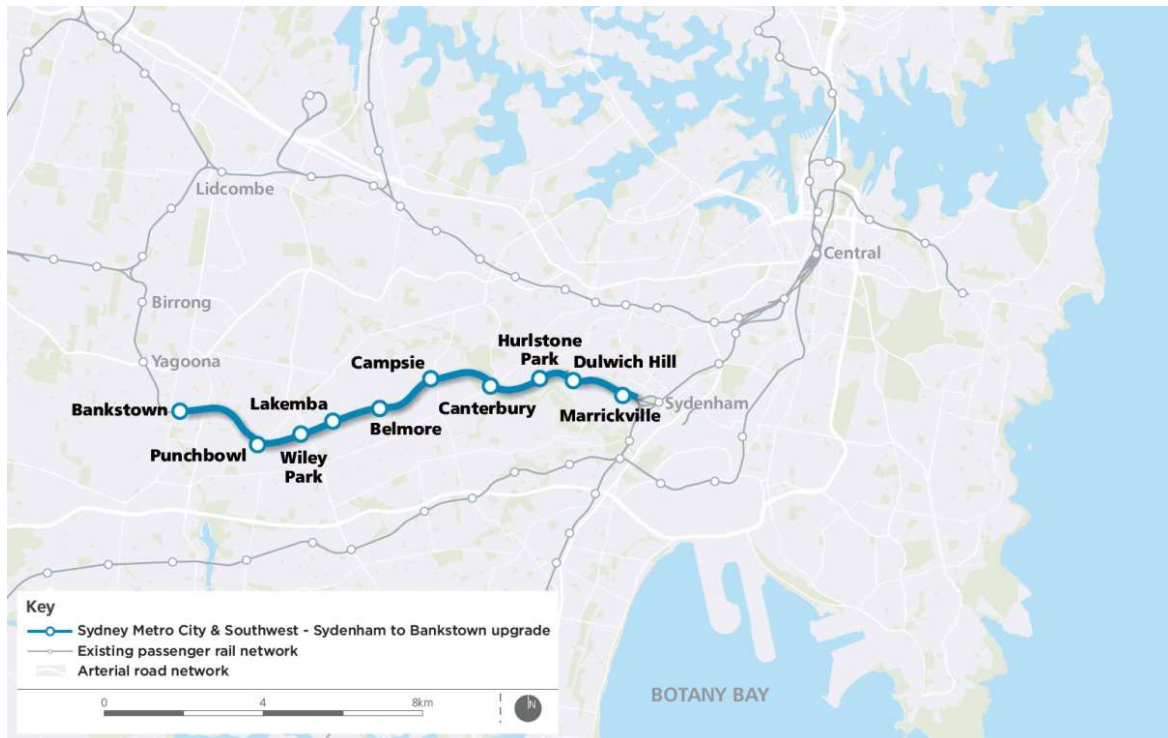


Figure 1.1 - Sydney Metro City & Southwest Sydenham to Bankstown Upgrade

Source: Transport for NSW

2 Developing the Proposed Rail Plan and Rail Service Changes

The temporary closure of the T3 Bankstown Rail Line will also include Sydenham station which intercepts with the T4 Illawarra Line and the T8 Macarthur to City via Sydenham (only during peak weekday services). Sydenham is a key junction on the Sydney Trains network, with a number of rail services operating through it (see Figure 2.1 and 2.2):

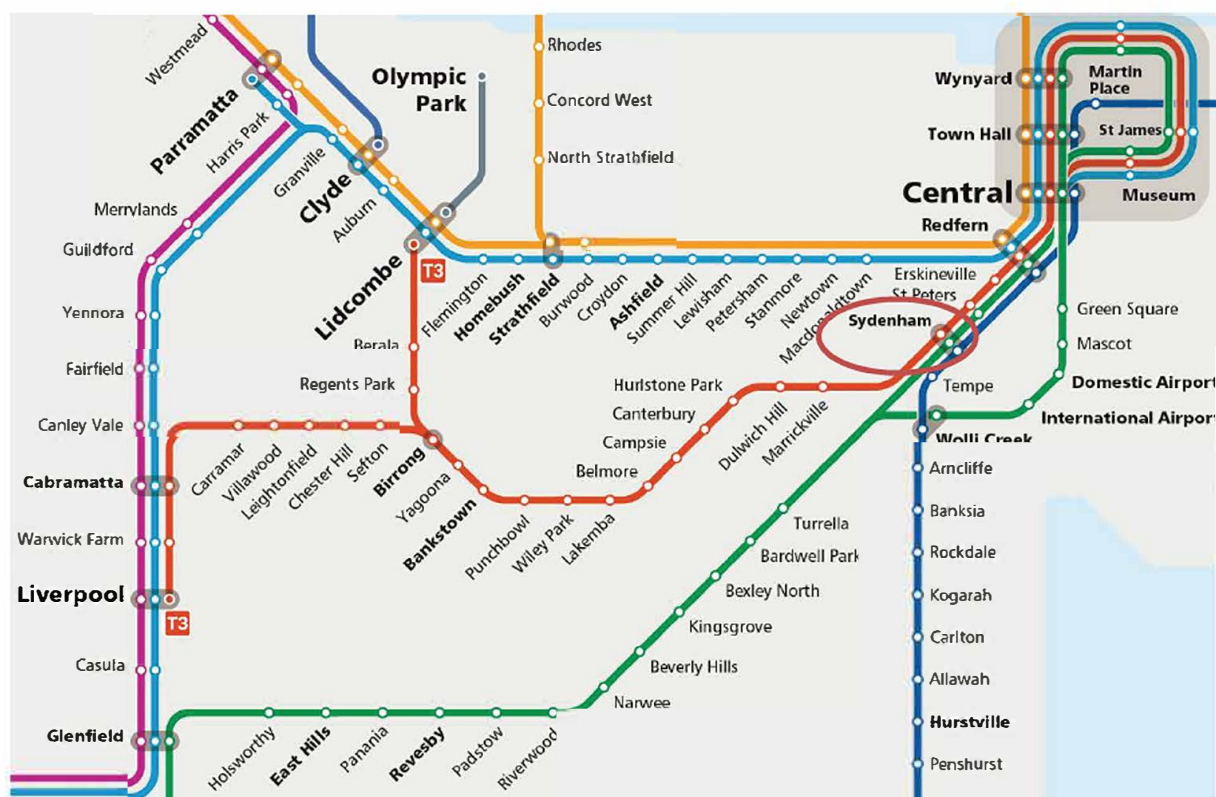


Figure 2.1 - Current Plan of the T3 Bankstown Line

Source: Transport for NSW

Rail services that operate via Sydenham station include:

- T3 Bankstown Line - merges onto the Illawarra Local lines north of Sydenham Station
- T4 Illawarra Line and South Coast Intercity Services - which operate through Sydenham on the Illawarra Main lines
- T8 Airport and South Line which operate through Sydenham on the Bankstown lines and then merges onto the Illawarra Local lines north of Sydenham Station

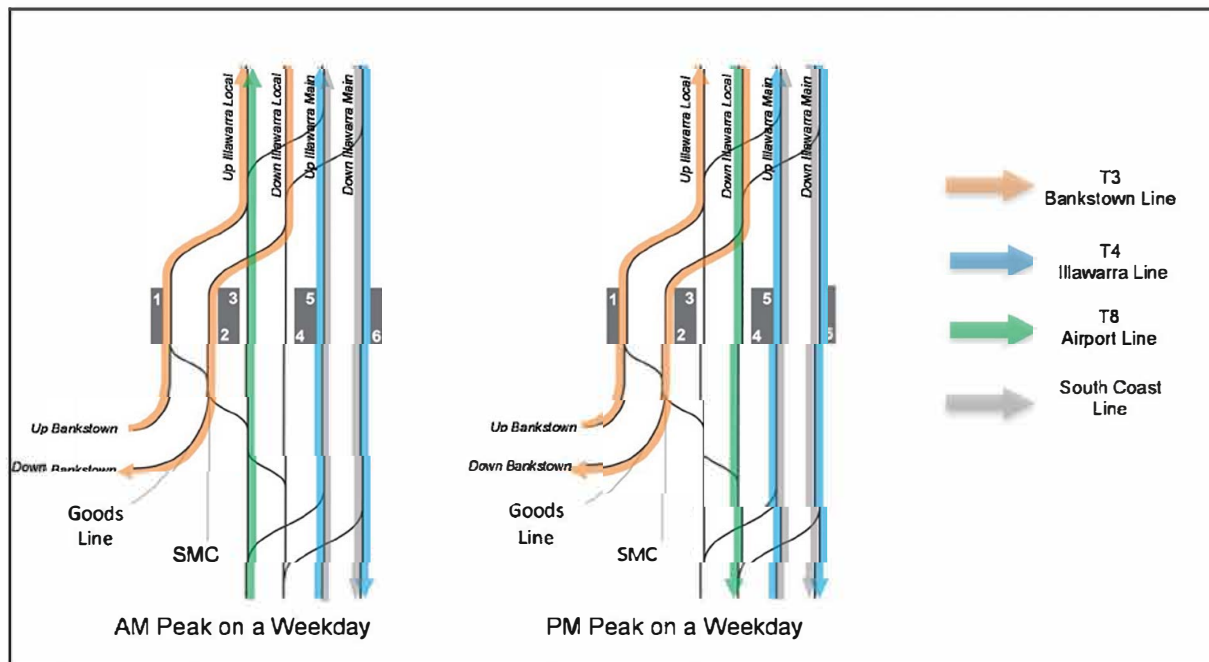


Figure 2.2 - Services operating through Sydenham on days when a weekday timetable operates
Source: Transport for NSW

The planned upgrade works will be carried out in three phases:

- **Phase 1:** Temporary closure of the T3 Bankstown Line between Sydenham and Campsie stations, and T4 Illawarra Line between Hurstville and Central. During this phase Sydenham Station is closed. See figure 3.1.
- **Phases 2 and 3:** Temporary closure of the T3 Bankstown Line between Sydenham and Campsie Stations. During this phase Sydenham Station is open. See figure 3.2.

Temporary bus and rail services will be available to keep customers moving while the T3 Bankstown Line is being upgraded to metro standards.

3 Temporary Transport Rail Plans

This section summarises the proposed rail plans for implementation. The temporary rail service plans are designed to optimise the use of operating rail services and support the affected customers. Rail and bus plans are subject to change.

3.1 Phase 1: Proposed Rail Plan for the T3 and T4

The key rail service changes during the T3 and T4 closures include:

- The introduction of an all-day Campsie to City via Lidcombe T3 service
- The introduction of services from Liverpool to the city via Regents Park on the T2 Inner West Line. There will be additional services onto the existing T2 Inner West Line timetable
- Services from Waterfall and Cronulla towards the city on the T4 Illawarra & South Coast Line will terminate at Hurstville
- South Coast services on the T4 Illawarra and South Coast Line will terminate at Waterfall.
- Services on the T4 Illawarra & South Coast Line from Bondi Junction will terminate at Central

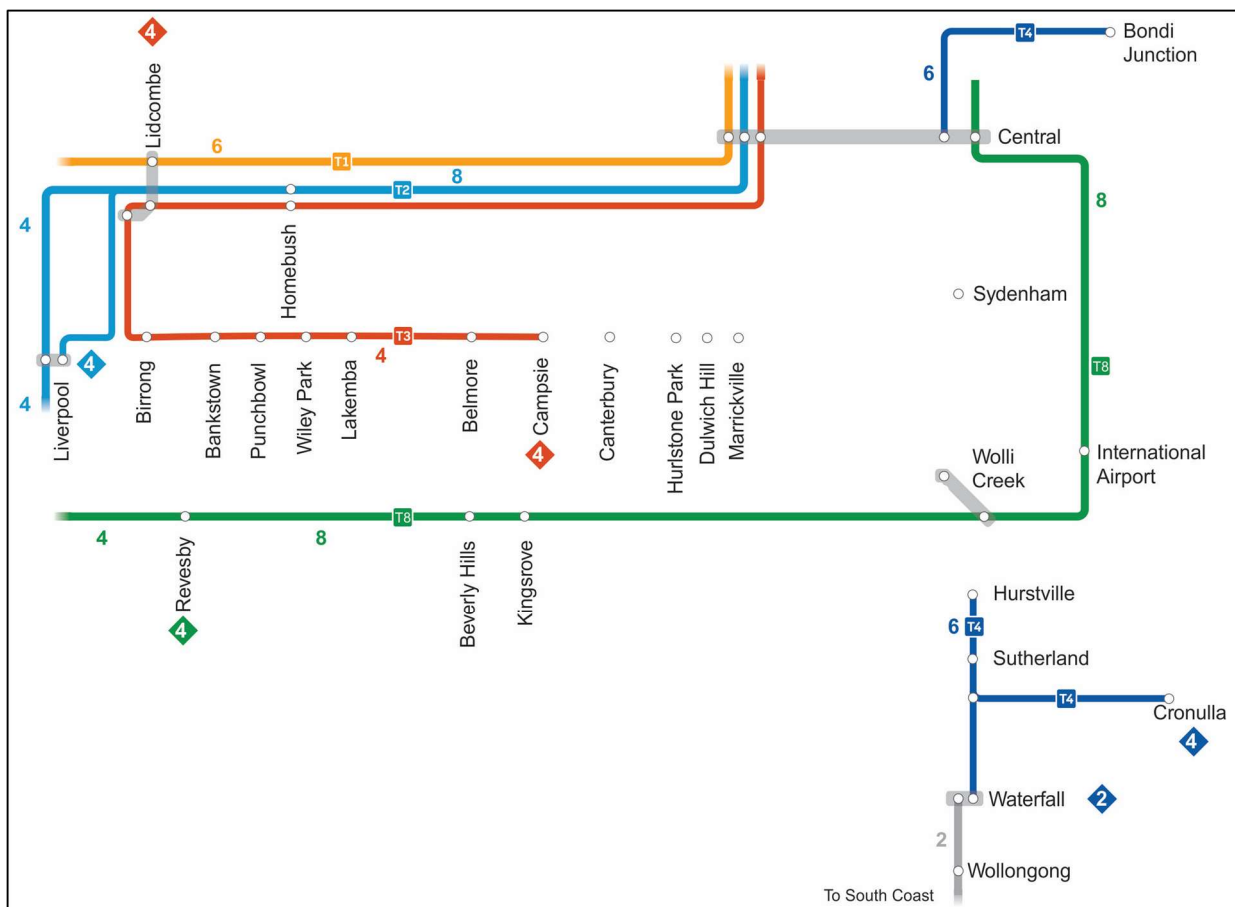


Figure 3.1 - Proposed rail operations during Phase 1

Source: Transport for NSW

3.2 Phase 2 and 3: Proposed Rail Plan for the T3 only

The key rail service changes during the T3 closure include:

- The introduction of an all-day Campsie to City via Lidcombe T3 service
- Services from Liverpool to the City via Regents Park. There will be additional services onto the existing T2 Inner West Line timetable
- Additional T4 Illawarra Line services between Hurstville and Bondi Junction
- Amended stopping patterns on T4 Illawarra Line to include stops at St Peters and Erskineville
- Phase 3 only differs from Phase 2 due to an increased frequency in rail services as it operates to a weekday timetable during Phase 3.

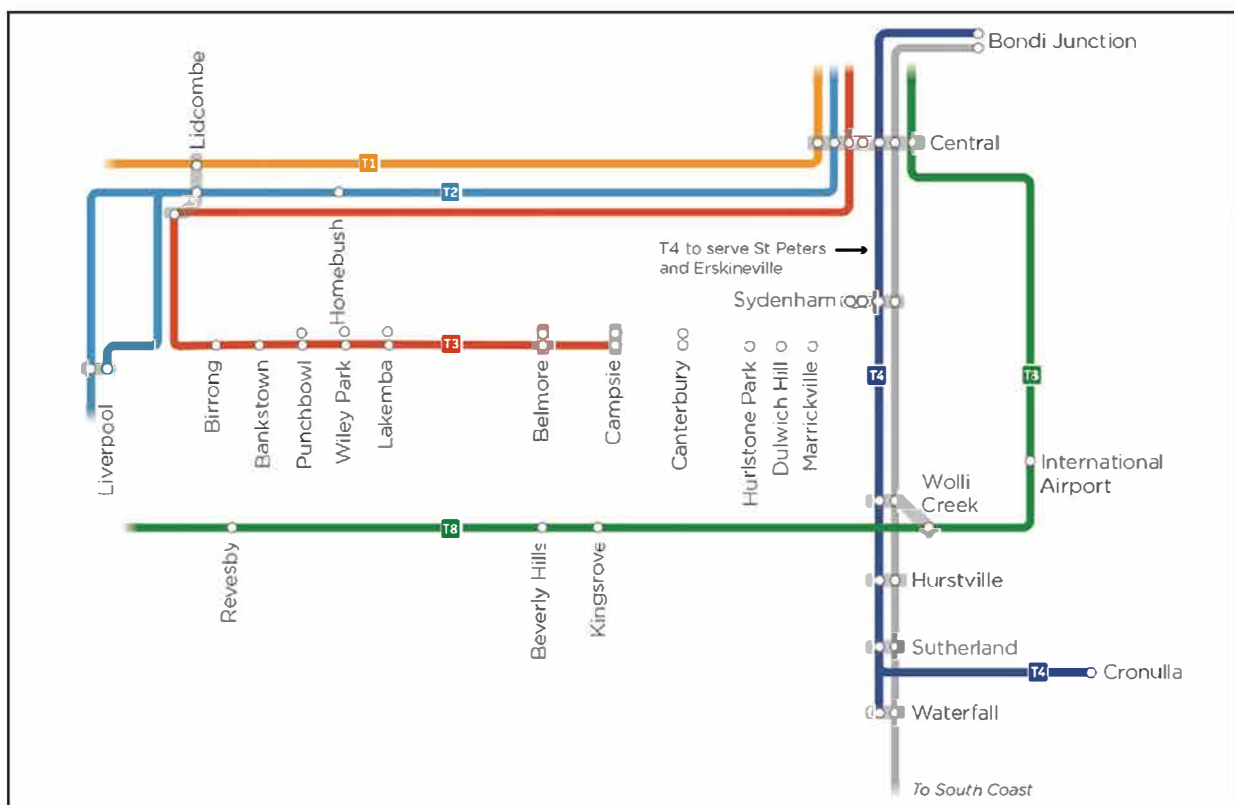


Figure 3.2 - Proposed rail operations during Phase 2 and 3 (T3 only closure)

Source: Transport for NSW

4 Temporary Transport Bus Plans

There are three bus plans, which correspond to the two common types of rail closures. The Temporary Transport bus routes are designed to provide bus connections from closed stations to open stations, while optimising interchange locations. The bus plans are subject to change based on operational and stakeholder requirements.

4.1 Phase 1 proposed Bus Routes for T3 and T4 rail line closures

4.1.1 Phase 1: T3 Bankstown Line Temporary Bus Routes for T3 and T4 rail line closures

Five bus routes are proposed for the T3 Bankstown Line closure. The routes include:

- Campsie to Central (Limited) stopping at Canterbury, Hurlstone Park, Dulwich Hill, Marrickville and Sydenham
- Punchbowl to Central (Limited) stopping at Wiley Park, Lakemba and Belmore
- Canterbury to Central (limited) stopping at Hurlstone Park and Dulwich Hill
- Campsie to Central (Express)
- Sydenham to Central (All Stops) stopping at St Peters, Erskineville and Redfern

An overview of the proposed Temporary Transport bus routes for the T3 and T4 Rail Line closures is shown in the figure below.

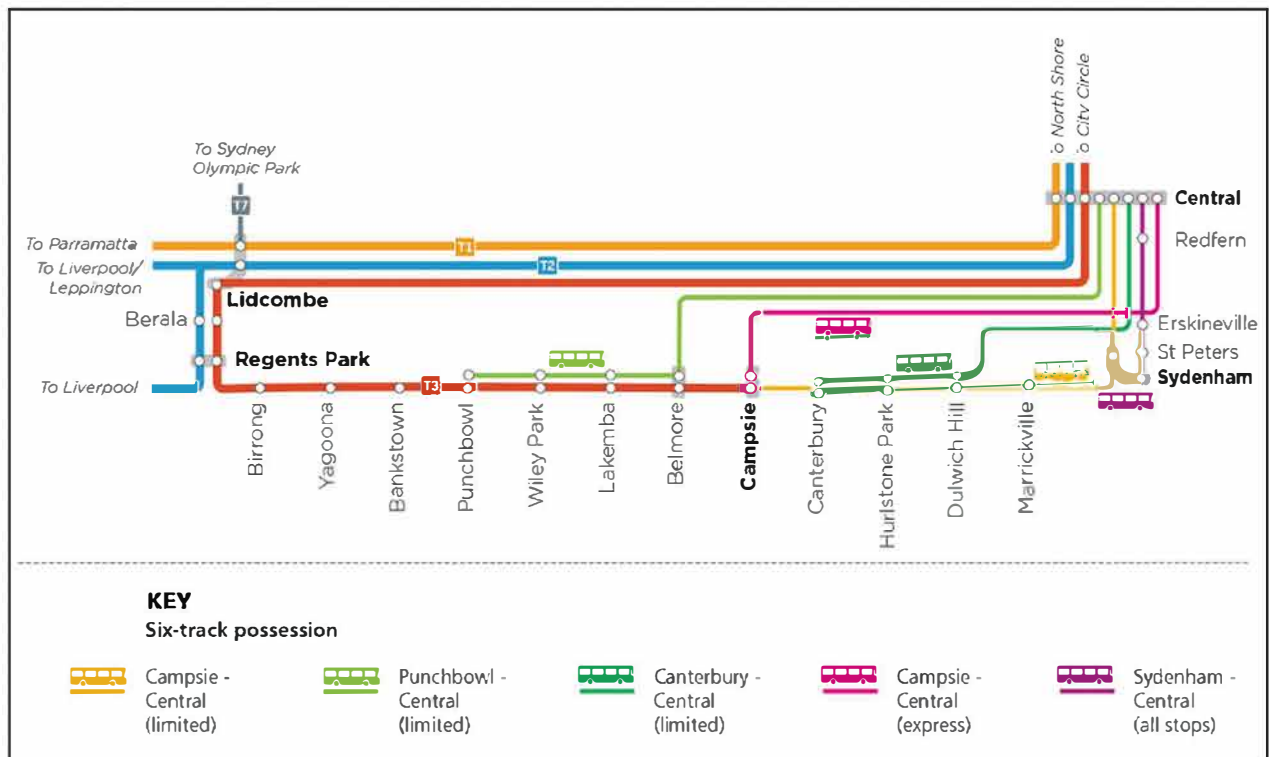


Figure 4.1 Bus Plan for T3 and T4 rail line closure

Source: Transport for NSW

The Temporary Transport bus routes have been designed to

- Provide bus connections between stations that will temporarily close
- Provide bus connections to Central station
- Provide train and bus connections to Central station for T3 Bankstown Line customers on stations which remain open, but from where train services no longer operate to the City

4.1.2 Phase 1: T4 Illawarra & South Coast Temporary Transport Bus Routes for T3 and T4 rail line closures

Nine bus routes are proposed for the T4 Illawarra line. The routes include:

- Cronulla to Central (Limited) stopping at Woollooware and Caringbah
- Kirrawee to Central (Limited) stopping at Gymea and Miranda
- Heathcote to Central (Limited) stopping at Engadine, Loftus and Sutherland
- Hurstville to Central (Express)
- Hurstville to Central (Limited) stopping at Allawah, Carlton, Kogarah, Rockdale, Banksia, Arncliffe and Tempe
- Kogarah to Central (Limited) stopping at Rockdale
- Hurstville to Sydenham (All Stops) stopping at Allawah, Carlton, Kogarah, Rockdale, Banksia, Arncliffe, Wolli Creek and Tempe
- Waterfall to Central (Express)
- Wollongong and North Wollongong to Central (Express)

An overview of the proposed Temporary Transport bus routes for the T4 Illawarra & South Coast Line closures is shown in the figure below.

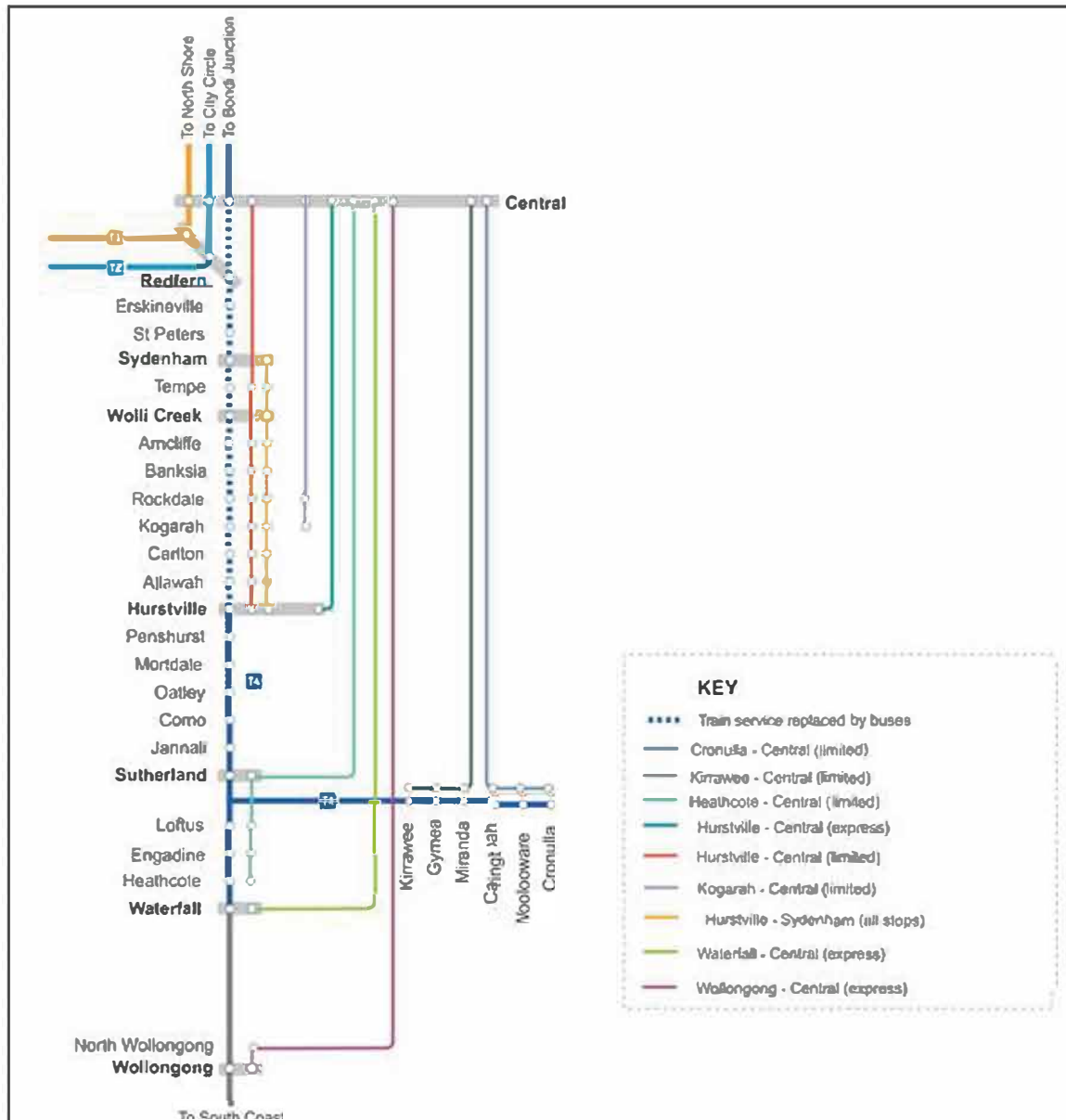


Figure 4.2: T4 Illawarra & South Coast Line Temporary Transport Bus Route Overview

Source: Transport for NSW

The Temporary Transport bus routes have been designed to:

- Provide bus connections between T4 Illawarra & South Coast Line stations which trains no longer operate
- Provide bus connections to Central Station for T4 Illawarra & South Coast Line stations which trains no longer operate
- Provide bus connections to Central Station for T4 Illawarra & South Coast Line stations which train services are truncated
- Provide bus connections to Central station for T4 Illawarra & South Coast Line stations which offer customers faster travel times

4.2 Phase 2 and 3: T3 Bankstown Line only closure

Three bus routes are proposed. The routes include:

- Campsie to Sydenham (All Stops) stopping at Canterbury, Hurlstone Park, Dulwich Hill, Marrickville and Sydenham
- Punchbowl to Central (Limited) stopping at Wiley Park, Lakemba and Belmore
- Campsie to Sydenham (Limited) stopping at Canterbury

An overview of the proposed T3 Bankstown Line Temporary Transport bus routes operating during T3 closure is shown in the figure below.

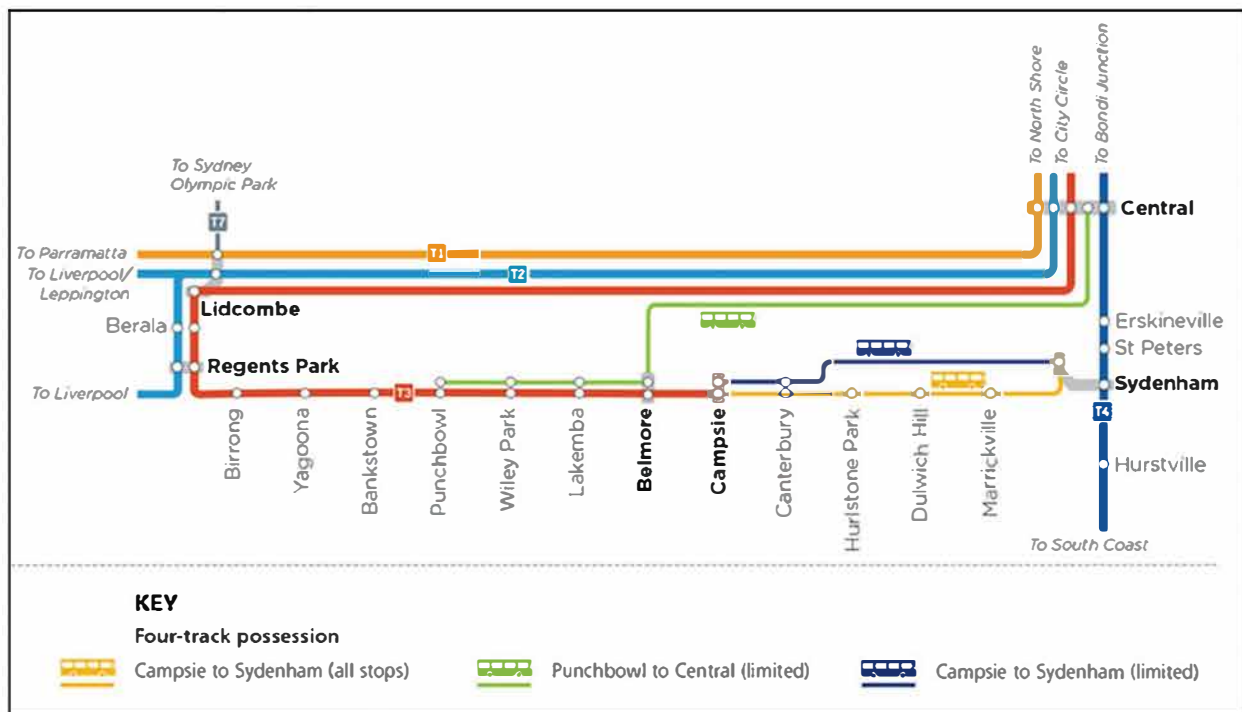


Figure 4.3 -- Bus Plan for T3 only rail line closure

Source: Transport for NSW

The Temporary Transport bus routes have been designed to:

- Provide bus connections between stations at which trains no longer operate
- Provide bus connections at Sydenham station from those T3 Bankstown Line stations which trains no longer operate, or at which train services are truncated
- Avoid the need for any T3 Bankstown Line customers to transfer more than once on their journey to or from the City.

5 Summary

All Temporary Transport services will be managed dynamically in response to fluctuations and surges in customer demand or as a response to traffic congestion on the network. In addition to the scheduled buses, bus marshals will also be able to call on standby buses as and when required.

Changes to customer journey time are dependent on the customer's origin and destination, road network conditions, as well as the time of day of travel. Impacts to surrounding areas and other transport modes have been minimised by:

- Having bus routes operate across many locations to minimise congestion impacts at major transport interchanges (e.g. Campsie, Sydenham)
- Assessing the impact of additional Temporary Transport buses where stops are shared with existing buses, and if existing infrastructure is not sufficient proposing the modification of existing stops to facilitate operations

Consideration of customers with impaired mobility has been incorporated into the selection process for bus routes and bus stop locations.