



44-66 O'Connell Street, Caddens

Proposed Subdivision/Masterplan

Traffic and Parking Impact Assessment

Ref: 19274

Date: July 2020

Rev: C

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1.0 Introduction

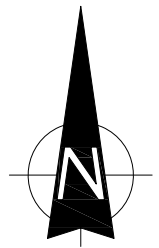
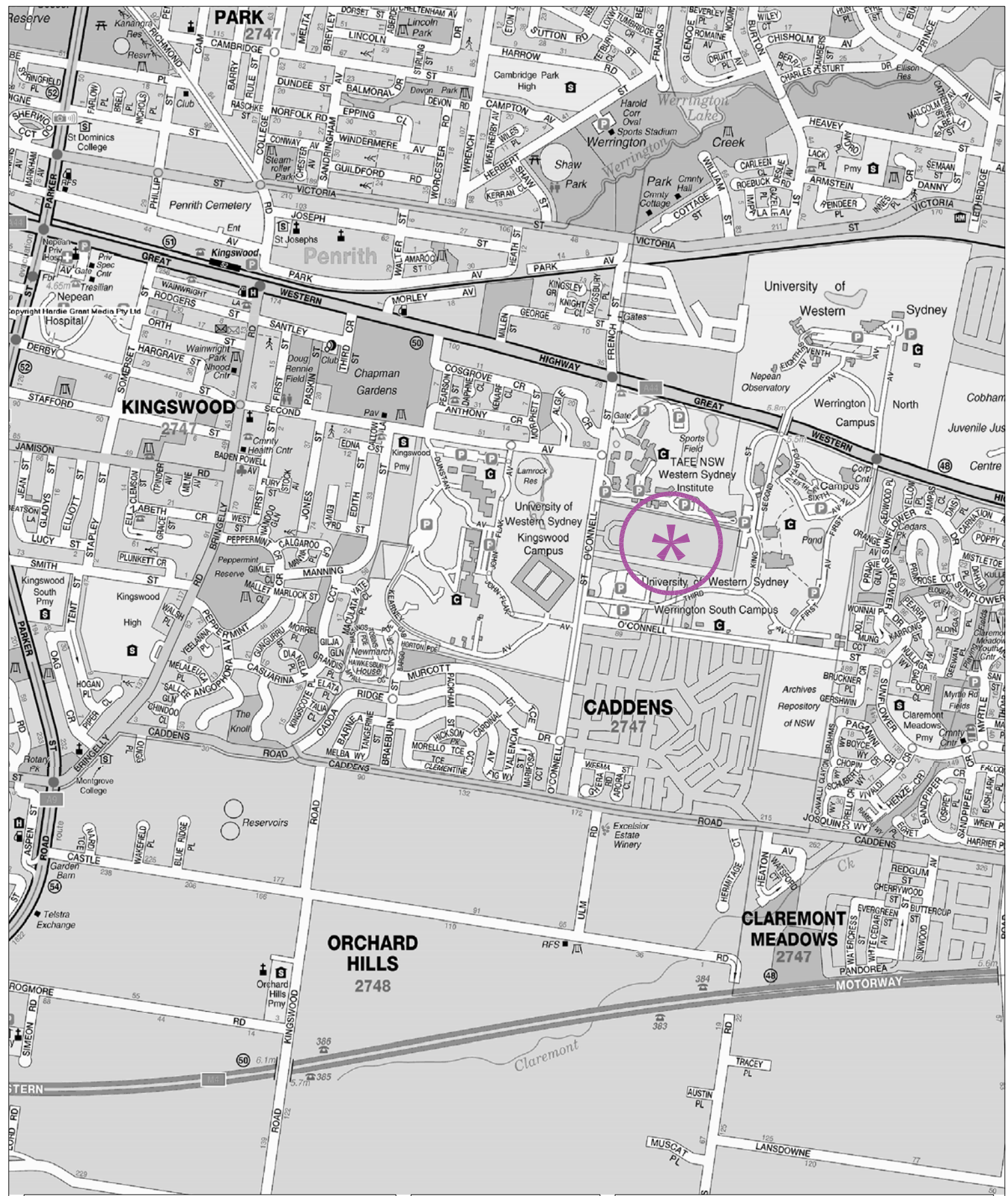
This report has been prepared to accompany a Development Application to Penrith City Council for a proposed residential subdivision on O'Connell Street at Caddens (Figure 1). The Caddens area is a large new urban precinct which will benefit from ready access to an upgraded arterial road system and the major regional facilities available nearby in Penrith CBD.

The development site is located towards the northern part of the precinct directly to the east of O'Connell Street and east of the Western Sydney University (WSU), Kingswood Campus. The subdivision application proposes a total of 160 Torrens title house lots between Stage 1 through 3.

It is noted that Stage 4 (Lot 401) development would be subject to future development application.

The purpose of this report is to:

- * describe the site, the existing circumstances and the proposed subdivision
- * describe the existing road network and the prevailing traffic conditions
- * describe the future road network and traffic/traffic management circumstances
- * assess the potential traffic implications of development on the proposed lots
- * assess the suitability of the proposed subdivision access road and traffic control arrangements
- * assess the appropriateness of provisions for lot access and servicing



LOCATION

FIG 1

2.0 Proposed Development

2.1 Site, Context and Existing Circumstances

The site (Figure 2) is a consolidation of three existing lots (Lots 3 and 6 in DP 593628 and Lot 2 DP 1217434) located in the northern part of Caddens to the south of the Great Western Highway.

The site located at 44-66 O'Connell Street, Caddens.

The surrounding uses comprise:

- * the vast WSU campus to the north, west and east of the site
- * the established residential areas further to the north, east and west
- * the large TAFE NSW – Kingswood Campus to the north
- * the new Caddens Precinct Centre (currently under construction) to the south
- * the new residential subdivisions further to the south
- * the WSU Werrington South Campus to the east

Caddens is a developing new suburb situated to the southeast of Kingswood residential/commercial/institutional area and the east of the WSU Kingswood campus. The large Penrith CBD, with its regional retail, hospital and educational facilities are located some 4kms to the west.

2.2 Precinct Planning

The site and surrounding lands have been identified for urban redevelopment and are centrally located within the Werrington Enterprise, Living and Learning (WELL) Precinct, as shown in the following figures.

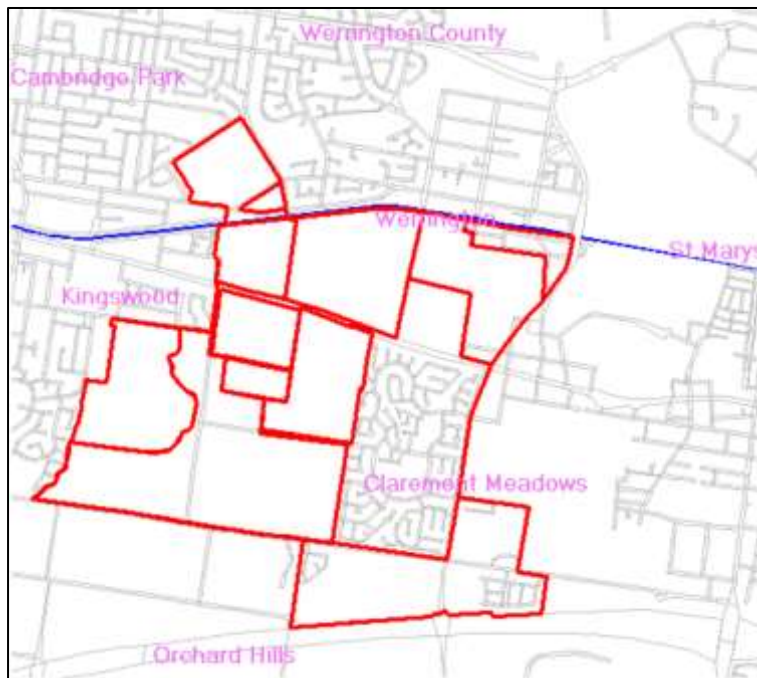
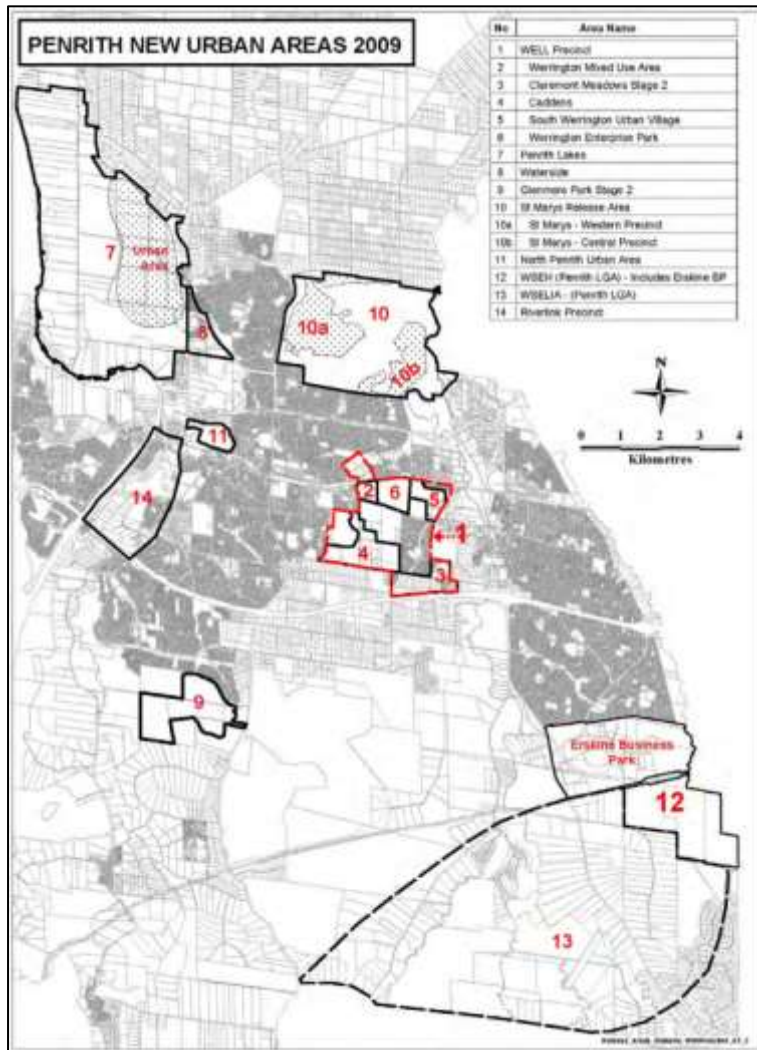


SITE



SITE

FIG 2



Transport and Traffic Planning Associates

The Precinct generally bounded by the Railway line to the north, Caddens Road to the south, Gipps Street to the east and the South Kingswood residential area to the west. The Precinct comprises a number of sub precincts including Caddens Release Area, South Werrington Urban Village, Claremont Meadows Stage 2 and Werrington Mixed Use Area and is planned to:

- * be developed as a “Village” within the Penrith Centres Hierarchy.
- * create a residential neighbourhood with 3,000 dwellings (including 100 dwellings for student accommodation) to accommodate around 8,400 people
- * provide a mix of housing types with sustainable development
- * create 7,800 jobs, including up to 6,000 jobs in the WELL Technology Park and around 350 jobs in the Precinct Centre.
- * reduce environmental impact and facilitate greater social interaction
- * provide open space amenity with landscaping retaining/protecting areas with high conservation value
- * ensure to full advantage is made of bus services as well as cyclist and pedestrian networks

The Structure Plan, Dwelling Yield Targets, and Indicative Dwelling Type Location for Caddens is shown in the following figures.

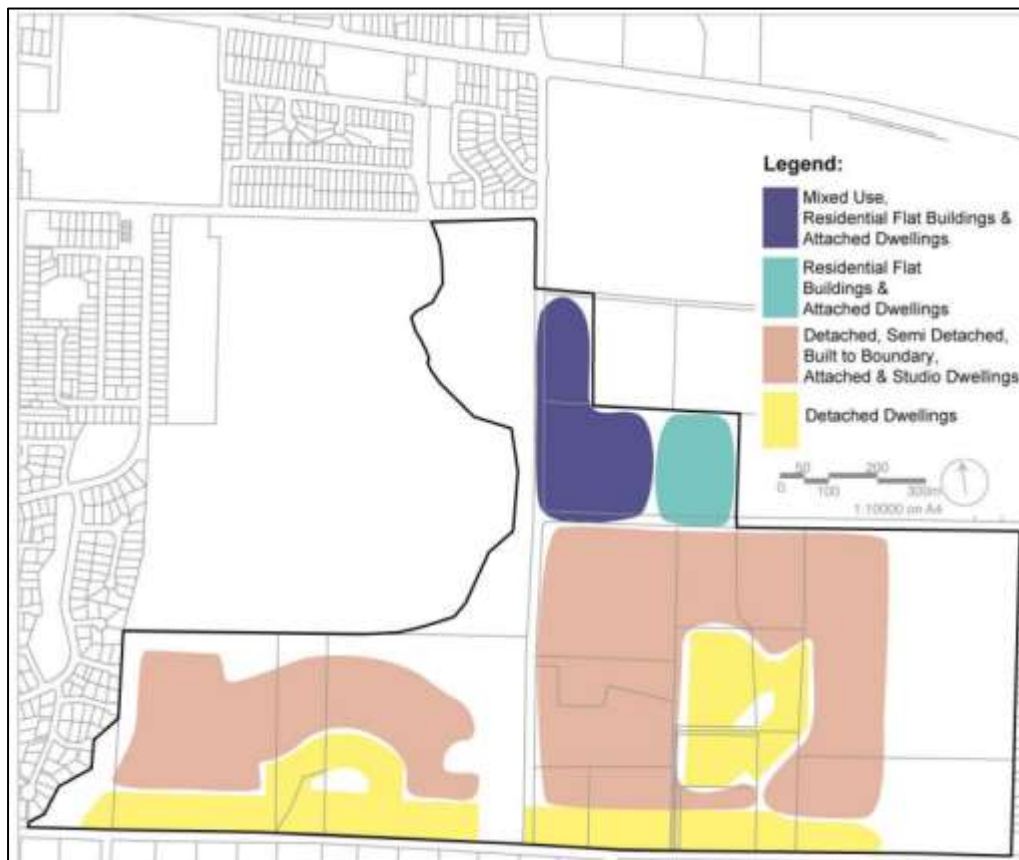
Structure Plan



Dwelling Yield Targets



Indicative Dwelling Type Location



2.3 Proposed Subdivision Scheme

The proposed subdivision will adopt a relatively conventional 'grid' format with 16m wide "local streets".

The proposed subdivision will comprise a total of 160 residential lots:

- * Stage 1 – 94lots
- * Stage 2 – 32 lots
- * Stage 3 – 34 lots
- * 9m-wide carriageway within 16m-wide road reserve
- * an access road system including
 - 2 road connections to/from O'Connell Street North
 - 1 road connection to/from O'Connell Street East
 - future connections to USW Roads, which connects to/from O'Connell Street East.

The proposal incorporates a minor departure from the road layout shown in the Caddens DCP, however, it retains the status quo in relation to the road connection on the eastern side of O'Connell Street North (as indicated in the DCP).

Details of the proposed subdivision scheme are provided on the plans prepared by Group Development Services, which accompany the Development Application and are reproduced in Appendix A.

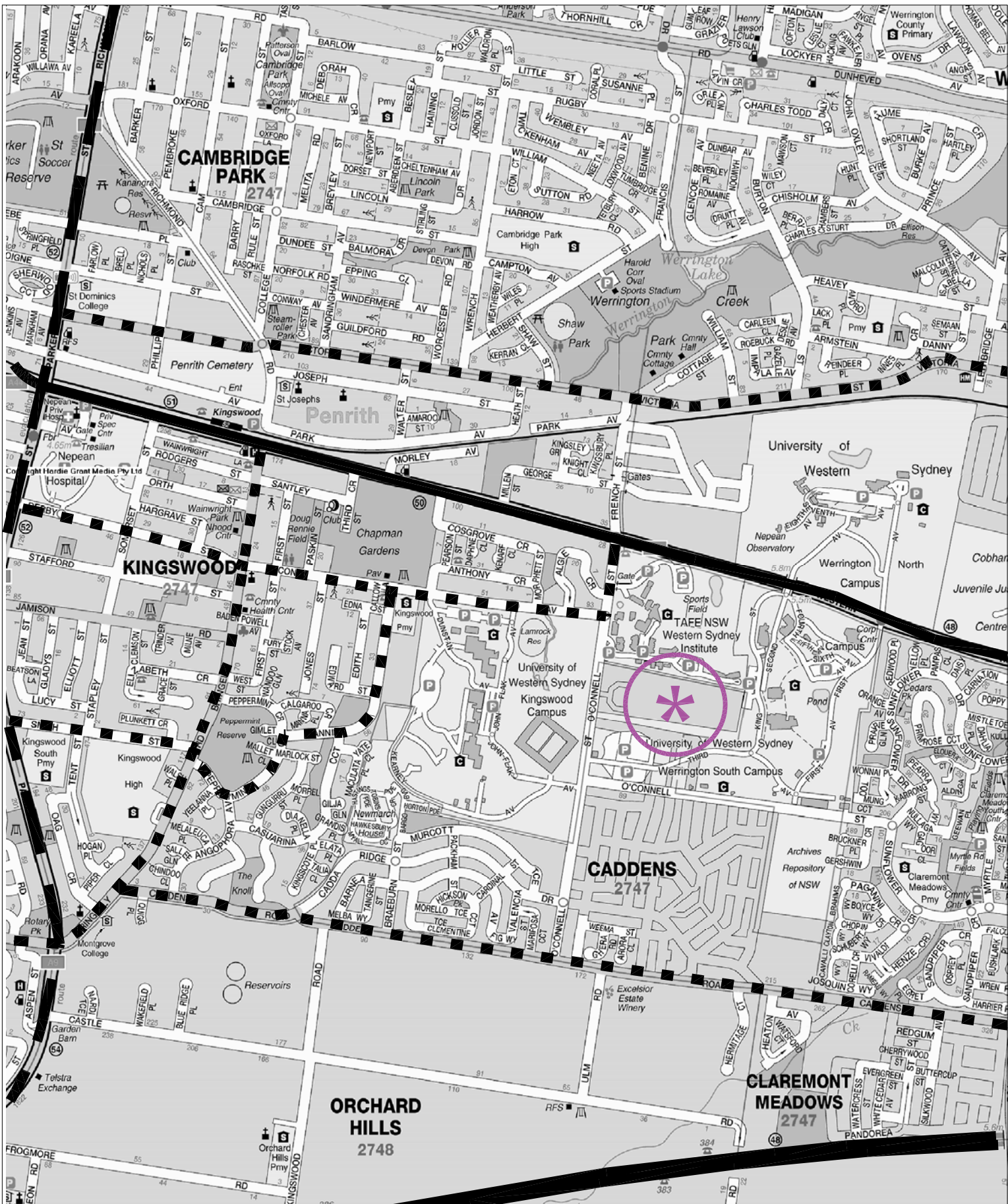
3.0 Existing Road Network and Traffic Conditions

3.1 Road Network




The road network serving the Kingswood area (Figure 3) comprises:

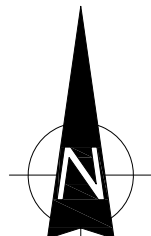
- * *M4 Motorway* – a principal arterial route linking between the City and the Blue Mountains crossing
- * *Great Western Highway* – a State Road and arterial route which provides the secondary connection between the City and Penrith
- * *Northern Road/Parker Street* – a State Road and a sub-arterial route which provides a connection between Campbelltown and Windsor
- * *O’Connell Street* – a collector route which provides a connection between Great Western Highway and Caddens Road
- * *Caddens Road* – a collector route connecting between Kingswood and Claremont Meadows
- * *Derby Street/Second Avenue* – a collector route connecting between the WSU Campus and Penrith
- * *Manning Street/Peppermint Crescent* – minor collector road routes through Kingswood.

O’Connell Street has an 8.8-metre-wide sealed pavement which connects to Second Avenue to the north and O’Connell Street/ O’Connell Lane/WSU Access Road to the south.



LEGEND

-  ARTERIAL
-  SUB-ARTERIAL
-  COLLECTOR



ROAD NETWORK

FIG 3

3.2 Traffic Controls

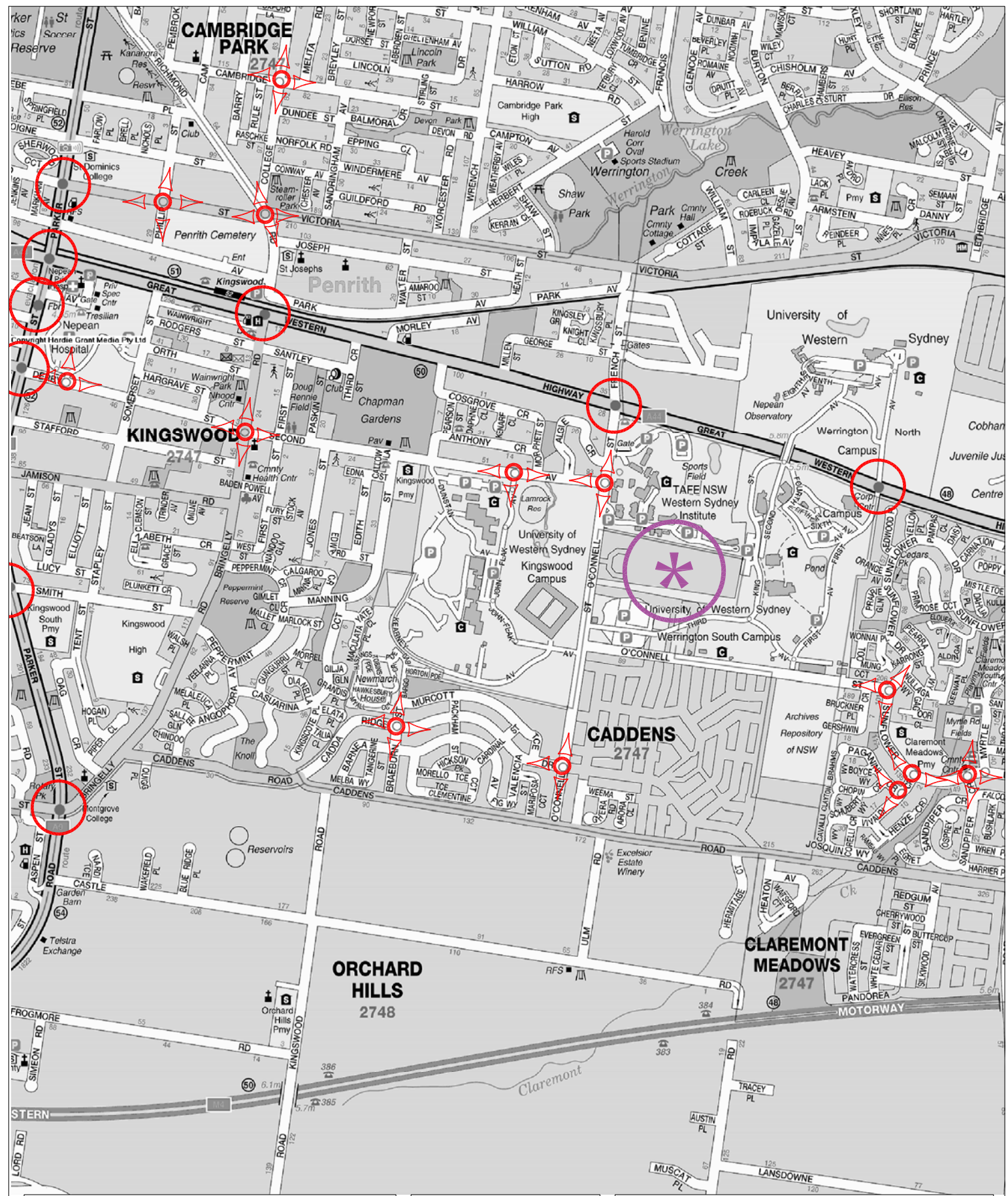
The existing traffic controls which have been applied to the roads in the vicinity of the site (Figure 4) include:

- * the 50 kmph speed restriction on the local and collector road system with some 40 kmph school restrictions (e.g., Manning Street and Second Avenue)
- * the roundabouts along Second Avenue at the Bringelly Road, O’Connell Street, and WSU access intersections
- * the priority-control at the O’Connell Street/ O’Connell Lane and WSU access intersection (currently being upgraded to a roundabout)
- * the traffic signals on the Great Western Highway at the Bringelly Road and O’Connell Street intersections
- * the traffic signals on Parker Street at the Derby Street and Bringelly Road intersections
- * the marked foot crossing on Second Avenue at the Manning Street intersection




3.3 Traffic Conditions

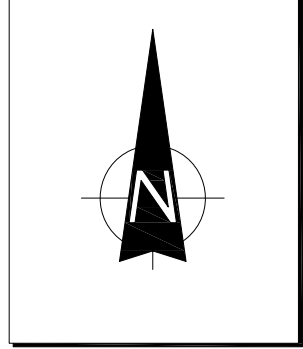
An indication of the prevailing traffic conditions on the road network serving the site is provided by the results of traffic surveys undertaken at the O’Connell Street/ O’Connell Lane/WSU Access Road intersection during the weekday AM and PM peak periods. The results in terms of vehicle movements per hour are summarised in the following:

		AM	PM
WSU Access	EB	1	6
	RT	2	40
	LT	14	54
O’Connell Street (North)	SB	74	165



LEGEND

-  TRAFFIC SIGNAL CONTROL
-  ROUNDABOUT
-  RESTRICTED TURNING MOVEMENT



TRAFFIC CONTROLS

FIG 4

		AM	PM
	RT	46	19
	LT	79	128
O'Connell Street (East)	WB	6	2
	RT	120	120
	LT	47	55
O'Connell Street	NB	229	50
	RT	64	42
	LT	41	4

The operational performance of this intersection has been assessed using SIDRA and the results indicating satisfactory performances are provided in Appendix B and summarised in the following, while the criteria for interpreting the results are reproduced overleaf:

AM Peak		PM Peak	
LOS	AVD	LOS	AVD
A	8.4s	A	9.0s

The results of the SIDRA assessments indicate that this intersection operates satisfactorily and traffic conditions on the road system in the vicinity of the site are quite satisfactory where vehicle access and movements are facilitated by the priority and roundabout controls.

3.4 Transport Services

Bus services in the vicinity of the site are provided by Busways, which operate routes 770, 774, 775, 776 and 835 along Second Avenue, O'Connell Street and Manning Street. These services provide links to the Kingswood Railway Station, Penrith CBD/Nepean Hospital and St Marys CBD with 10-minute frequency during the weekday peak periods.

Details of the bus and rail services available near the site are provided in Appendix C.

Criteria for Interpreting Results of SIDRA Analysis

1. Level of Service (LOS)

LOS	Traffic Signals and Roundabouts	Give Way and Stop Signs
'A'	Good	Good
'B'	Good with acceptable delays and spare capacity	Acceptable delays and spare capacity
'C'	Satisfactory	Satisfactory but accident study required
'D'	Operating near capacity	Near capacity and Accident Study required
'E'	At capacity; at signals incidents will cause excessive delays. Roundabouts require other control mode	At capacity and requires other control mode
'F'	Unsatisfactory and requires additional capacity	Unsatisfactory and requires other control mode

2. Average Vehicle Delay (AVD)

The AVD provides a measure of the operational performance of an intersection as indicated on the table below, which relates AVD to LOS. The AVD's listed in the table should be taken as a guide only as longer delays could be tolerated in some locations (ie inner city conditions) and on some roads (ie minor side street intersecting with a major arterial route).

Level of Service	Average Delay per Vehicle (secs/veh)	Traffic Signals, Roundabouts	Give Way and Stop Signs
A	Less than 14	Good operation	Good operation
B	15 to 28	Good with acceptable delays and spare capacity	Acceptable delays and spare capacity
C	29 to 42	Satisfactory	Satisfactory but accident study required
D	43 to 56	Operating near capacity	Near capacity and accident study required
E	57 to 70	At capacity; at signals incidents will cause excessive delays. Roundabouts require other control mode	At capacity and requires other control mode

3. Degree of Saturation (DS)

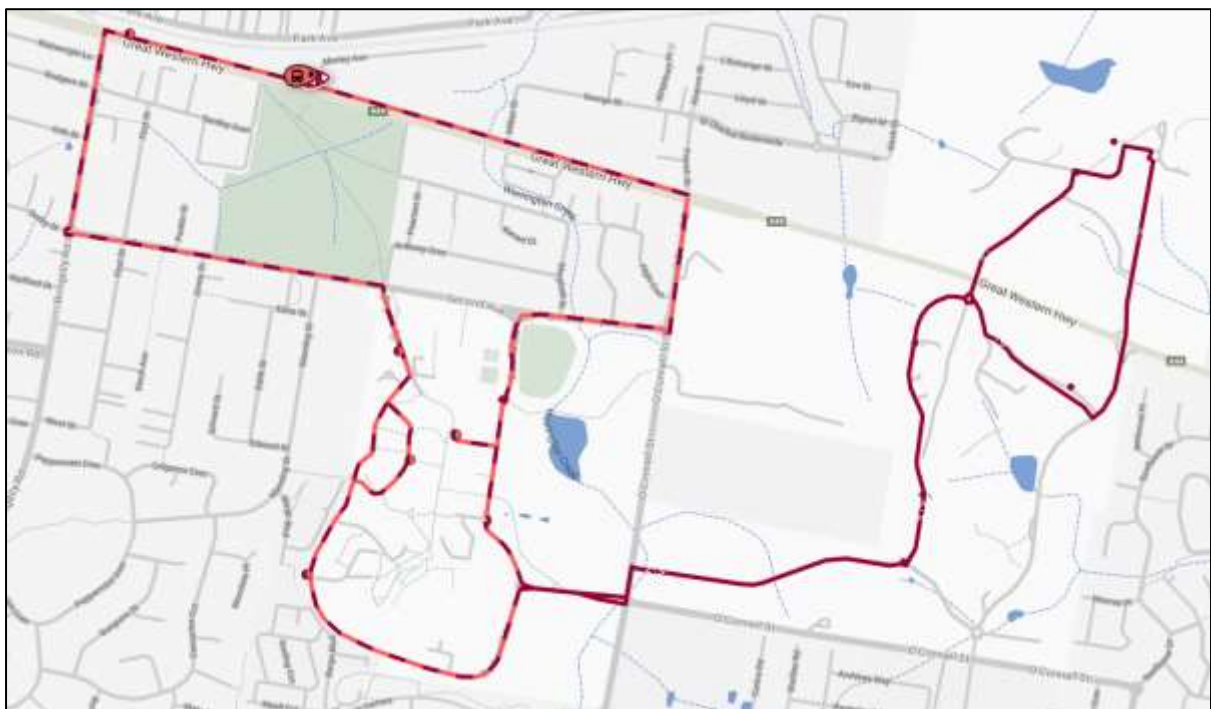
The DS is another measure of the operational performance of individual intersections.

For intersections controlled by **traffic signals**¹ both queue length and delay increase rapidly as DS approaches 1, and it is usual to attempt to keep DS to less than 0.9. Values of DS in the order of 0.7 generally represent satisfactory intersection operation. When DS exceeds 0.9 queues can be anticipated.

For intersections controlled by a **roundabout or GIVE WAY or STOP signs**, satisfactory intersection operation is indicated by a DS of 0.8 or less.

¹ the values of DS for intersections under traffic signal control are only valid for cycle length of 120 secs

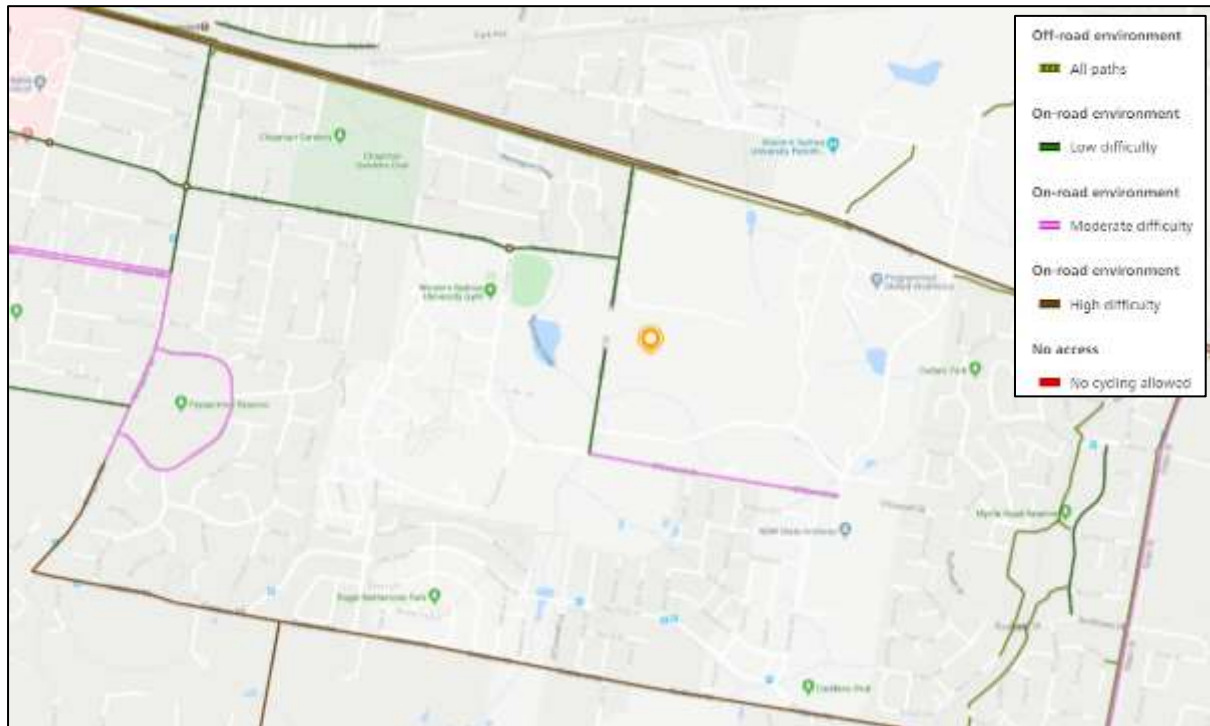
Additionally, WSU Penrith adopts a responsible policy of encouraging and facilitating travel to/from the precinct by public transport, walking and cycling as well as carpooling. A Transport Access Guide (TAG) was prepared and presented on the WSU website (Appendix D). The TAG documents the available public transport services (bus and rail), including walking times, frequency and fares while WSU Penrith also provides a free shuttle bus service (see the following figure) for staff and students operating every 10 to 15 minutes connecting the campuses with Kingswood Railway Station.



3.5 Cycling Facility

Off-road shared paths are provided on the northern side of the Great Western Highway between Parker Street and Bringelly Road, crossing at the intersection of the Great Western Highway /Bringelly Road, and continue on the southern side of the Great Western Highway towards Pages Road. A range of on-road bicycle facilities are provided along the Great Western Highway, Parker Street, Richmond Road, College Street, Bringelly Road, Derby Street, Second Avenue, Jamison Road and O'Connell Street are available in the vicinity of the site.

WSU Penrith also provides an internal network of shared pathways which link to the regional network (Appendix E). The Kingswood Campus connects to the cycleway running along Second Avenue. Extracts from the RMS Cycleway Finder illustrating the cycleways in the vicinity of the site are shown in the figures below.



Source: https://www.rms.nsw.gov.au/maps/cycleway_finder

3.6 Pedestrian Facility

There will be a dedicated shared path along the southern side of O’Connell Street and the western side of O’Connell Lane. Pedestrian footpaths within the WSU campus. These paths provide good connectivity between the site and the Kingswood Centre and Railway Station and surrounding developments. To allow safer pedestrian crossing, the following amenities are available in the vicinity of the site:

- * A shared bicycle/pedestrian refuge is currently provided on the southern leg of O’Connell Lane/O’Connell Street intersection.
- * A pedestrian refuge is provided on the southern and western legs of the intersections of Second Avenue/O’Connell Street
- * A pedestrian refuge is provided on the southern leg of the intersections of Algje Crescent/O’Connell Street

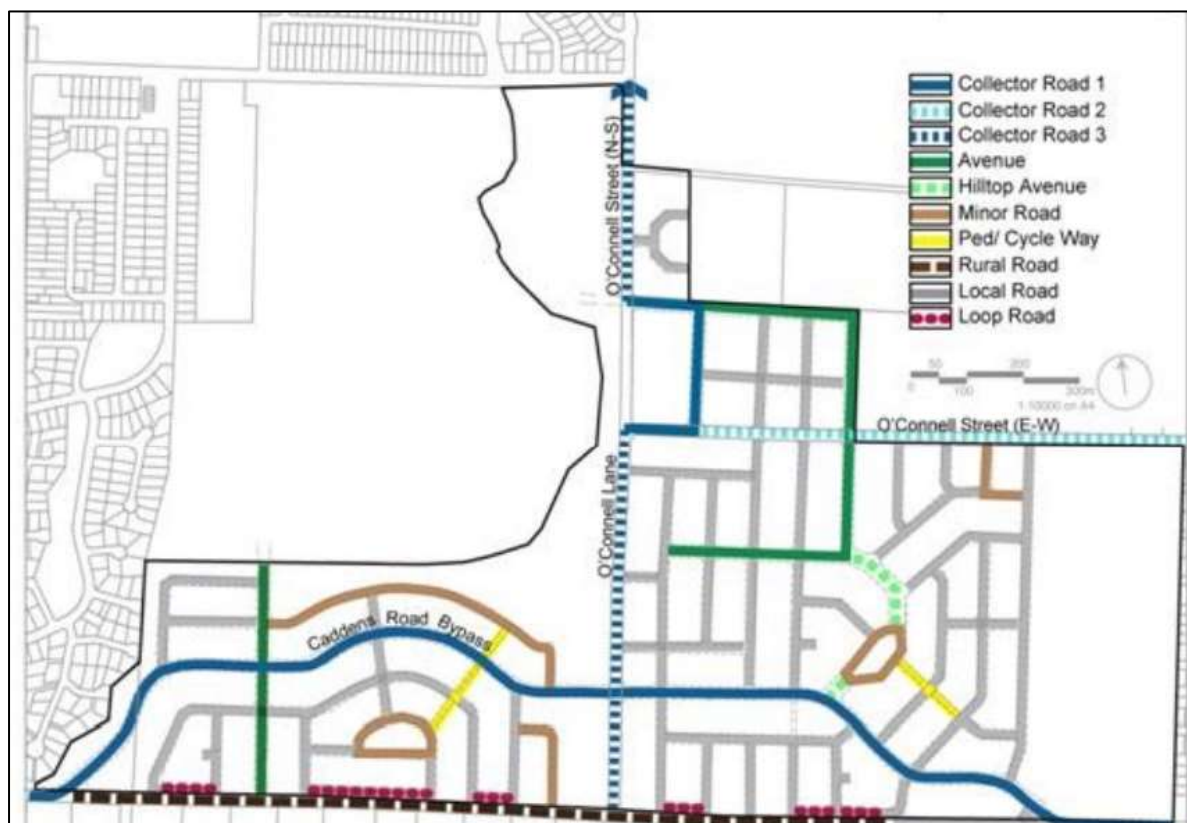
4.0 Future Road Network, Traffic and Transport Circumstances

4.1 Road Network

The Caddens Release Area includes the portion of the site which is located within the “Precinct Centre” sub precinct as defined by the WELL Precinct.

Extracts from the Penrith DCP 2014, showing the design principles for the street hierarchy is shown in the following figure.

Caddens Road Hierarchy



Key features of the DCP that are relevant to the development concept for the site include:

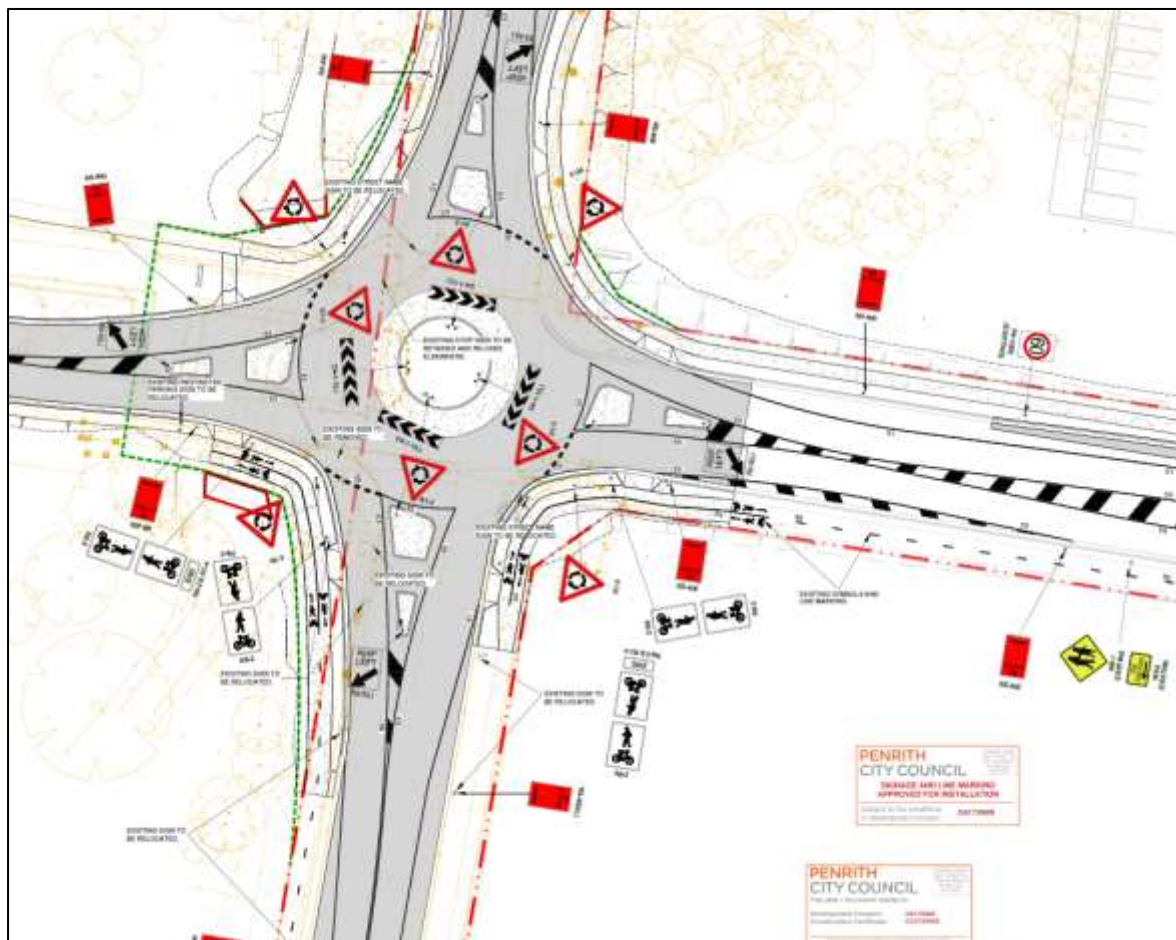
- * The primary vehicle access to/from the site is via a new intersection at O'Connell Street

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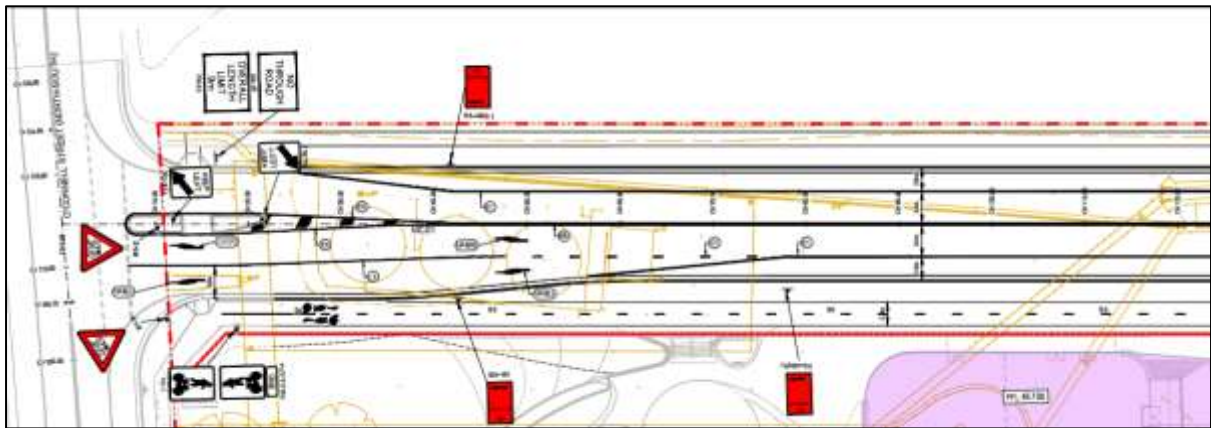
- * O'Connell Street, along the Site's frontage is expected to be upgraded to a Collector Road 3
- * A new Collector / Avenue Road is to be constructed along the Site's southern boundary with the Western Sydney University land to service the Precinct town centre. It is envisaged that the intersection of this road and O'Connell Street will be a higher-order intersection control than the site access O'Connell Street, along the Site's frontage is expected to be upgraded to a Collector Road (Collector Road 3

The adjacent Caddens Precinct Centre proposes:

- * to convert the existing priority-controlled intersection of O'Connell Street/O'Connell Lane/WSU Access Road to a roundabout (see the following figure).



- * to provide a priority-controlled intersection at the northern access (see the following figure).



4.2 Bicycle and Pedestrian Network

Details of the planned bicycle and pedestrian network are provided on the following figure.



There will be a dedicated shared path along the eastern side of O'Connell Street and the southern side of the new Collector/Avenue road as well as through Caddens Precinct Centre.

within the site located within the 400m catchment of the O'Connell Street bus stops.

It is proposed to maintain the bus stops on O'Connell Street based on the following reasons:

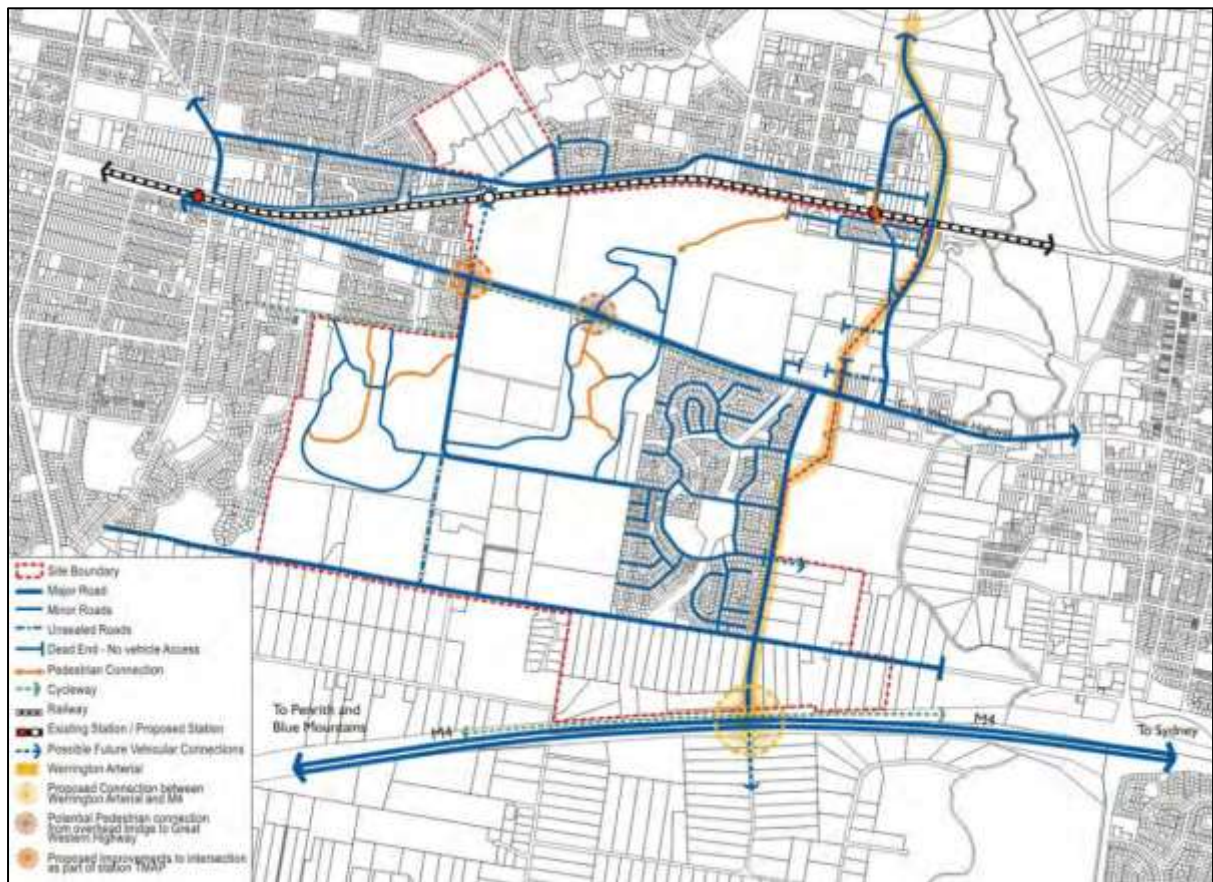
- the diversion of the existing bus route from the main road into a road with lower hierarchy as compared to O'Connell Street would not be operationally efficient
- the internal roads are not designed to accommodate a 12.5m – 15m bus. A larger footprint for road intersections will be required to accommodate for bus turning
- wider intersection will likely lead to higher travelling speed by general traffic, which results in poor amenities for pedestrians for the site and the adjacent Caddens Precinct Centre.

Shuttle

The shuttle bus services stated in the WELL Precinct Strategy 2004 can complement the bus services by providing linkages to the site with stops located along both sides of the "Avenue" prior to turning right onto the Future WSU Road with additional stops. It is envisaged that these bus services would also serve the site with bus stops located to cater to the employees and tenants of the Caddens Precinct Centre.

Rail

The WELL Precinct TMAP and Section 94 Plan identifies a planned WSU railway station (see the following figure), which, together with regular and shuttle bus services, will significantly increase the attractiveness of public transport modes for travel to and from the WELL Precinct and the site.



5.0 Proposed Subdivision Road System

Whilst there is flexibility permitted in much of the future access road system, there are a number of “fixed” roads and roads which have already been fully or partially constructed and planned for construction.

The proposed road system deviates slightly from the road network identified in the DCP; however, this proposed change does not impact on any “fixed” or existing roads. These deviations comprise:

- * The primary vehicle access will be via Collector Road 1.
- * deletion of the 2 dog-leg connections to join Collector Road 3

In compliance with the DCP, the proposed roadworks will involve:

- **Upgrading of O’Connell Street**

The roadway along the site frontage will be constructed to the centreline with a carriageway and footway, which accord with the requirements for a 12m wide roadway in a 20.6m wide reserve.



- **Construction of an east-west local road between the subdivision linking to the Future WSU Road and O'Connell Street and to accommodate accesses to individual dwellings**

The roadway will be constructed with a carriageway and footways which accord with the requirements for a 9m wide roadway in a 16m wide reserve.

- **Construction of the Avenue between O'Connell Street East and the Subdivision**

The roadway will be constructed with carriageway and footways which accord with the requirements of an 8m wide roadway in a 9m wide roadway in a 16m wide reserve.

- **Construction of local roads off the Avenue to accommodate accesses to individual dwellings**

- * The roadways will be constructed with carriageways and footways on the western side, which accord with the requirements of an 8m wide roadway in a 16m wide reserve.

- **Construction of the Local Road 01/O'Connell Street North intersection**

- * The intersection will be designed as a stop-controlled intersection on the Local Road 01 approach permitting all turning movements. This is consistent with the intersection control arrangement for the shared southern site access with the adjacent Caddens Precinct Centre.

6.0 Parking

6.1 Parking and Access

The DCP requires that:

- Driveway crossings are to be minimised
- The need for on-street parking is to be minimised
- Two parking spaces are to be provided for each dwelling (at least one space located behind the 'set back')
- Parking spaces are to be convenient, safe and have sufficient space for vehicle manoeuvrability

It is apparent that the proposed lots and their relationship to the access road system will be able to be developed for dwellings with compliant provisions for access and parking.

6.2 Servicing

Refuse will be removed from the street by Council's collection service. Service personnel and small service vehicles may be able to park in the frontage driveways. However, the nature of the proposed local road carriageways will suitably provide for the on-street standing of service and delivery vehicles.

The geometry of the proposed local road network will accord with the Council's design criteria. It will accommodate the turning and manoeuvring requirements of Council's refuse vehicles and other service/delivery vehicles.

7.0 Traffic

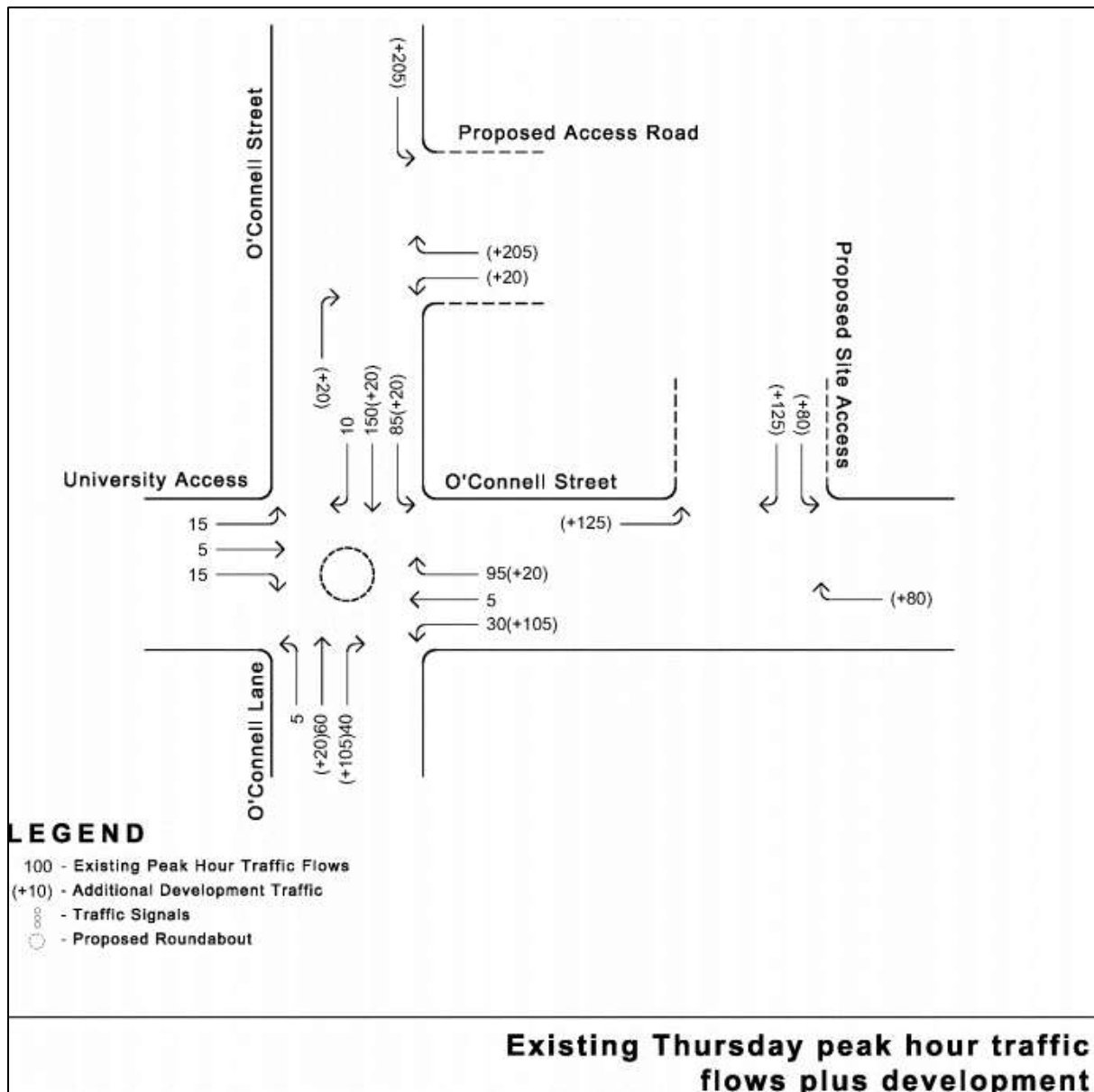
The RMS Development Guidelines specify a peak traffic generation rate of 0.85 vtpd per dwelling for new residential suburbs noting that up to 25% of trips may not be on the external road network (i.e., to/from local schools and shops, etc.). However, there is no survey assessment basis to these criteria and the more recent RMS Circular adds confusion to the situation as the surveyed precincts include school, retail, hospital and medical centre facilities and present a variation in excess of 100%.

TTPA undertook a very extensive survey of the traffic generation of Glenmore Park Stage 1 (Appendix F), which comprised some 5,447 dwellings and established an “external” generation rate of 0.65 vtpd per dwelling in the peak periods. It is understood that this is very similar to the generation rate used by the Growth Centres in its modelling for new release areas. Nonetheless, if the RMS criteria are applied to the 160 dwellings which the proposed subdivision will provide for the resultant peak period generation is 111 vtpd as follows:

AM		PM	
IN	OUT	IN	OUT
21	83	83	21

A SIDRA assessment was undertaken for the future performance of the Avenue/O’Connell Street and O’Connell Street/ O’Connell Lane/WSU Access Road intersections. The assessment considered the traffic generated by the proposed subdivision as well as Caddens Precinct Centre.

Given that the traffic generated by the adjacent Caddens Precinct Centre will have its greatest effects during the weekday PM peak period when it combines with other traffic on the surrounding road network, the SIDRA modelling has been completed for PM peak period. The traffic generated by the adjacent site was extracted from the Colston Budd Rogers & Kafes traffic report dated October 2017. See the following figure.

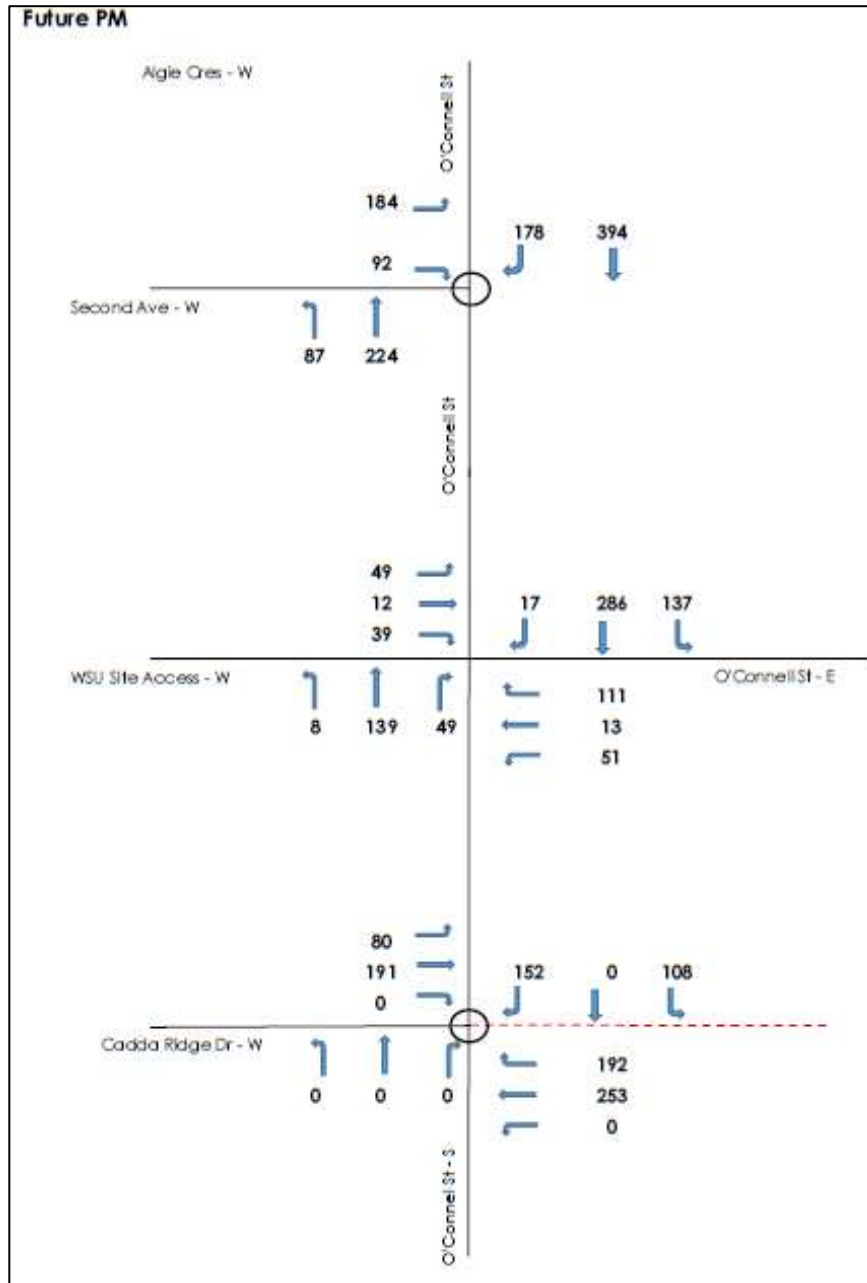


The future increase over a 20-year period in intersection turning volumes was extracted from the Concept Plan DA report prepared by The Transport Planning Partnership (TTPP) for a site on 46-66 & 46A O'Connell Street, Caddens. The future PM peak turning volumes are shown in the following figure. As indicated in the TTPP report, the future base case traffic conditions have been based on traffic flow scenarios from the following reports:

- WELL Precinct TMAP (Maunsell / AECOM 2007)
- Caddens Release Area TMAP (MWT, 2008); and
- Caddens Knoll DA Traffic Assessment (Halcrow, 2012).

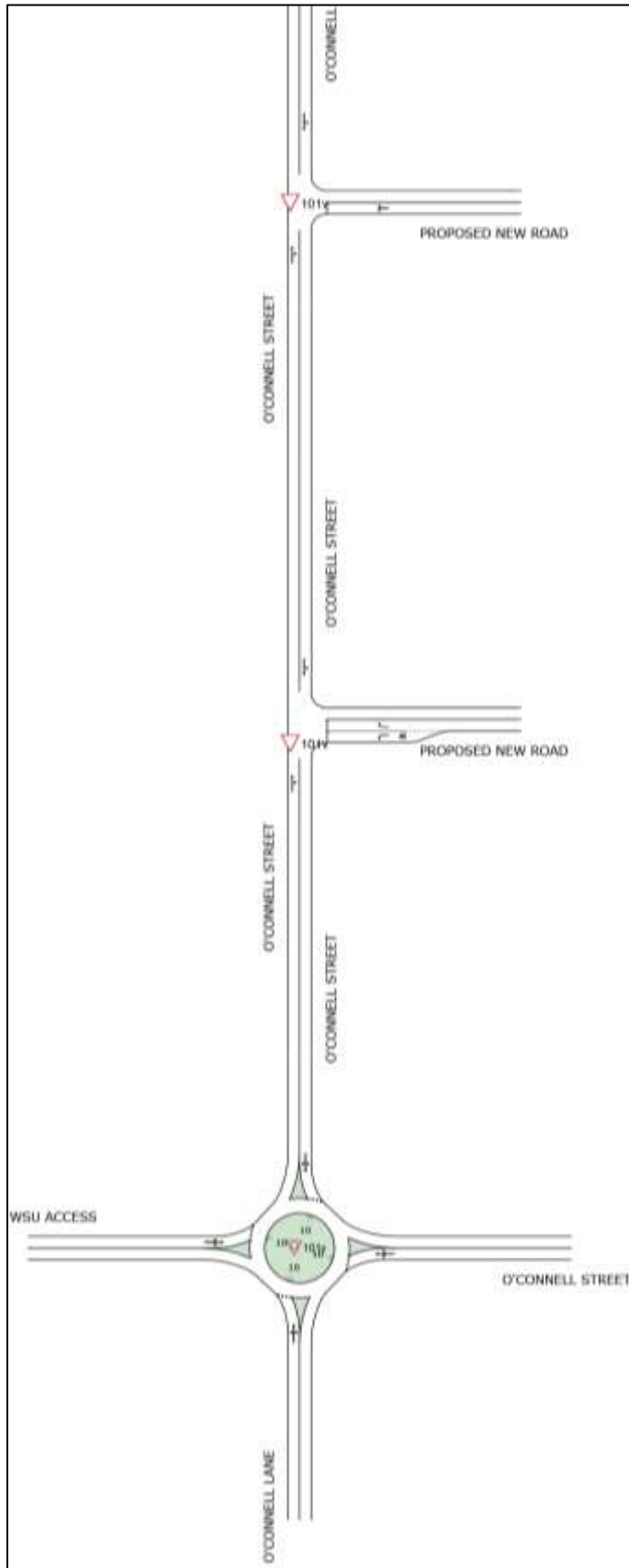
The TTPP report has assumed that the future developments to the east and north including the current WSU and TAFE lands are in accordance with the expectations set out in the WELLS Precinct planning and site design as set out in the Penrith DCP (2014).

Future Background Traffic during Thursday PM Peak

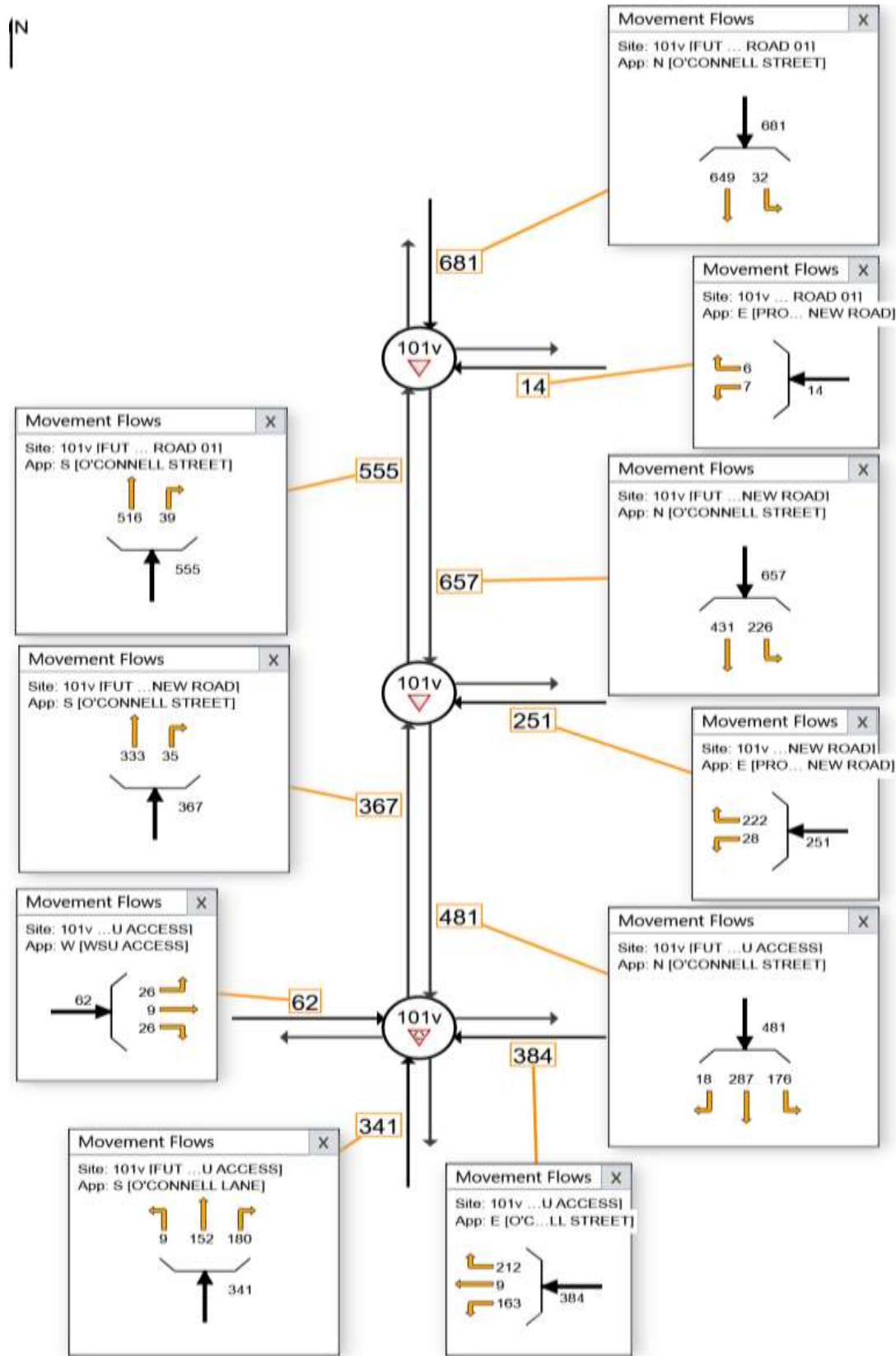


The additional traffic resultant from the 20-year traffic growth considering the cumulative traffic conditions associated with the envisaged development within the WELLS Precinct and specifically the Caddens Release area and the development has been distributed onto the prevailing traffic flows and assessed using SIDRA Network.

The SIDRA network layout of the proposed intersections is in the following figure.



The future traffic outcome with the proposed development for the PM peak periods is identified in the following figures.



The assessment detailed in Appendix B reveals that satisfactory operations will continue as follows:

Intersection	PM Peak	
	LOS	AVD
Proposed Road 01/O'Connell Street	B	16.3s
Proposed New Council Road/O'Connell Street	B	15.0s
O'Connell Street/ O'Connell Lane/WSU Access Road	A	12.0s

In addition, the traffic generation of this order of magnitude being equivalent to some 2-3 vehicles every minute during the peak hours is minor in the context of the local and arterial road system and will not act to create unacceptable traffic congestion or conflict either at the vehicle access point or at adjacent intersections.

8.0 Conclusion

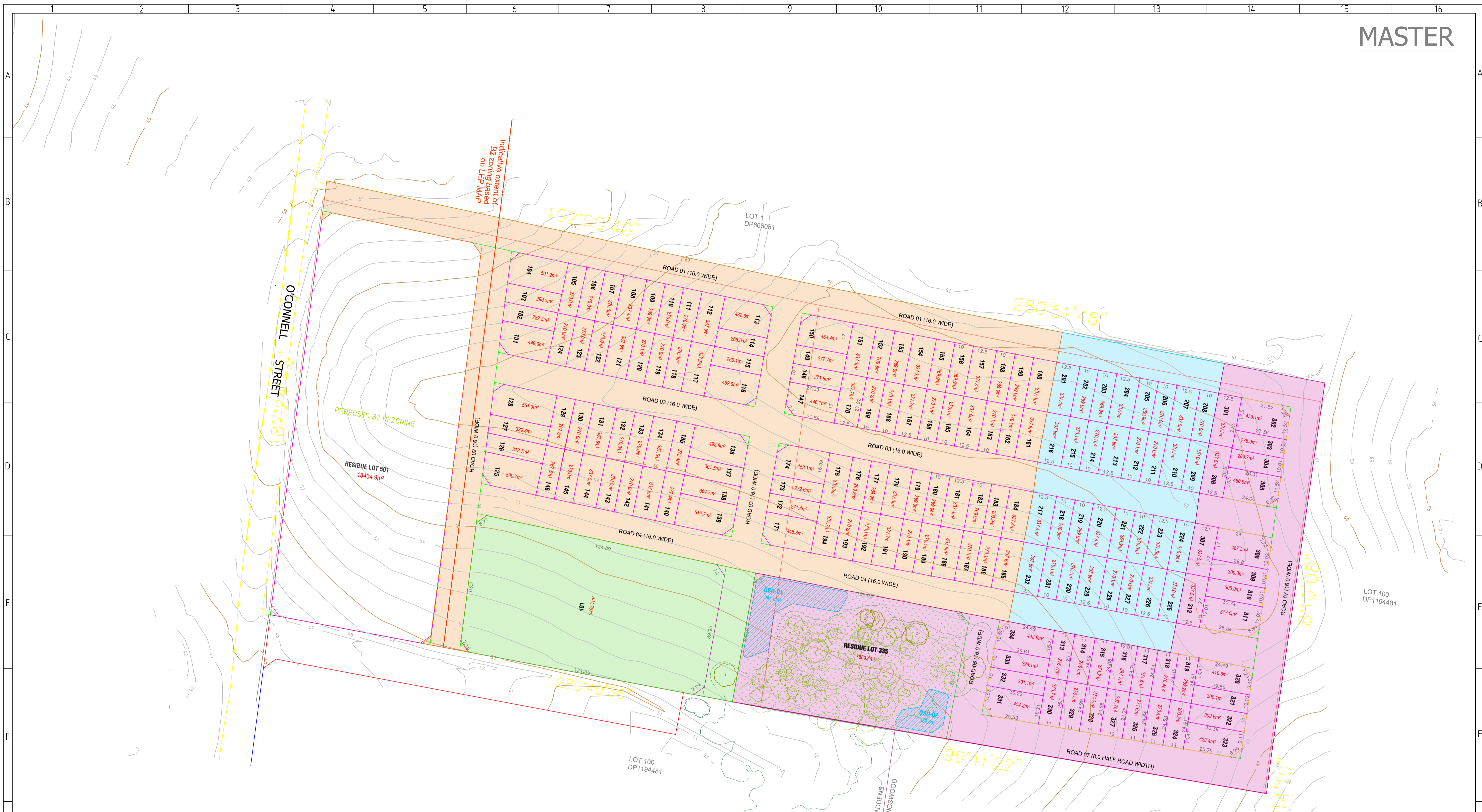
The proposed subdivision on O'Connell Street at Caddens will provide for the development of some 160 dwellings. Assessment of the proposal has concluded that:

- * the proposed road system will be appropriate and generally compliant with the DCP specifications
- * the provisions for vehicle access and servicing will be satisfactory
- * there will be no adverse traffic implications

Appendix A

Proposed Subdivision Scheme





KEY:

Stage 1	94
Stage 2	32
Stage 3	34
Stage 4	1

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	BY	DATE	SITE DESCRIPTION	BAR SCALES	SURVEY	HEIGHT DATUM	LGA	AUTHORITY REFERENCE	PROJECT MANAGERS • SURVEYORS • PLANNERS • ENGINEERS	PROJECT	SHEET	
A	Proposed DA Subdivision Staging		24/07/20	PROPOSED PLAN OF SUB THIS PLAN IS PRELIMINARY ONLY AND IS SUBJECT TO AMENDMENTS AND CHANGES DUE TO FURTHER INVESTIGATION, LATENT FINDS, UNKNOWN SITE CONDITIONS, SURVEYING AND LOCAL COUNCIL STATE AND FEDERAL GOVERNMENT AUTHORITIES RECOMMENDATIONS AND APPROVALS. REPORTS AND INFORMATION REQUIRED TO FINALISE THIS PLAN WILL INCLUDE BUT WILL NOT BE LIMITED TO ARCHAEOLOGY, HERITAGE, CONTAMINATION, ECOLOGY, ZONING, DWELLING DENSITIES, CONSCIENTIOUS OBJECTION, GEOTECHNICAL, ADJOINING LANDOWNERS, REFERRAL AUTHORITIES, FLOODING AND WATERWAYS, SEWERAGE, WATER SUPPLY, ELECTRICITY, TELECOMMUNICATION.	0 10 20 30 40 A1 / A3 1:1000 / 1:2000	DESIGN	AHD	LIVERPOOL COUNCIL	DATE	PROJECT MANAGERS • SURVEYORS • PLANNERS • ENGINEERS ABN: 86 064 110 809 GDS GROUP DEVELOPMENT SERVICES PTY LTD PO Box 498, Pennant Hills NSW 1715 Phone: +61 2 9980 1000 Fax: +61 2 9484 0355 Email: info@gdsland.com.au www.gdsland.com.au	Subdivision of Lot 3 DP 1103503 and Lot 6 DP 593628 46-66 O'Connell rd Caddens	1 of 3 SHEETS	
						DRAWN			DATE	PROJECT REFERENCE	DATE OF ISSUE	REVISION No.	SHEET SIZE
										P00361	24/07/20	A	A1

Appendix B

SIDRA Modelling Outputs



MOVEMENT SUMMARY

▽ Site: 101 [EX AM O'CONNELL STREET - WSU ACCESS]

New Site
 Site Category: (None)
 Giveway / Yield (Two-Way)

Movement Performance - Vehicles												
Mov ID	Turn	Demand Total veh/h	Flows HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance m	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed km/h
South: O'CONNELL LANE												
1	L2	43	4.0	0.332	5.6	LOS A	1.5	10.9	0.09	0.56	0.09	53.3
2	T1	241	4.0	0.332	5.2	LOS A	1.5	10.9	0.09	0.56	0.09	53.5
3	R2	67	4.0	0.332	8.0	LOS A	1.5	10.9	0.09	0.56	0.09	52.7
Approach		352	4.0	0.332	5.8	LOS A	1.5	10.9	0.09	0.56	0.09	53.3
East: O'CONNELL STREET												
4	L2	49	4.0	0.103	5.6	LOS A	0.5	3.6	0.07	0.53	0.07	53.4
5	T1	6	4.0	0.103	0.0	LOS A	0.5	3.6	0.07	0.53	0.07	54.9
6	R2	126	4.0	0.103	5.6	LOS A	0.5	3.6	0.07	0.53	0.07	53.2
Approach		182	4.0	0.103	5.4	NA	0.5	3.6	0.07	0.53	0.07	53.3
North: O'CONNELL STREET												
7	L2	83	4.0	0.052	5.6	LOS A	0.2	1.5	0.01	0.57	0.01	53.4
8	T1	78	4.0	0.143	5.1	LOS A	0.5	3.8	0.35	0.62	0.35	53.0
9	R2	48	4.0	0.143	8.4	LOS A	0.5	3.8	0.35	0.62	0.35	52.3
Approach		209	4.0	0.143	6.0	LOS A	0.5	3.8	0.21	0.60	0.21	53.0
West: WSU ACCESS												
10	L2	15	4.0	0.010	5.6	LOS A	0.0	0.1	0.04	0.52	0.04	53.6
11	T1	1	4.0	0.010	0.1	LOS A	0.0	0.1	0.04	0.52	0.04	55.1
12	R2	2	4.0	0.010	5.6	LOS A	0.0	0.1	0.04	0.52	0.04	53.0
Approach		18	4.0	0.010	5.3	NA	0.0	0.1	0.04	0.52	0.04	53.6
All Vehicles		761	4.0	0.332	5.7	NA	1.5	10.9	0.12	0.56	0.12	53.2

Site Level of Service (LOS) Method: Delay (RTA NSW). Site LOS Method is specified in the Parameter Settings dialog (Site tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA: Intersection LOS and Major Road Approach LOS values are Not Applicable for two-way sign control since the average delay is not a good LOS measure due to zero delays associated with major road movements.

SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.

Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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Organisation: TRANSPORT AND TRAFFIC PLANNING ASSOCIATES | Processed: Thursday, 12 December 2019 9:53:13 AM

Project: T:\WORK19\19274 - 46 - 66 O'CONNELL STREET, CADDENS\SURVEY\Caddens 12122019.sip8

MOVEMENT SUMMARY

▽ Site: 101 [EX PM O'CONNELL STREET - WSU ACCESS]

New Site
 Site Category: (None)
 Giveway / Yield (Two-Way)

Movement Performance - Vehicles												
Mov ID	Turn	Demand Total veh/h	Flows HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance m	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed km/h
South: O'CONNELL LANE												
1	L2	4	4.0	0.125	5.6	LOS A	0.4	3.2	0.08	0.58	0.08	52.4
2	T1	53	4.0	0.125	5.4	LOS A	0.4	3.2	0.08	0.58	0.08	52.6
3	R2	44	4.0	0.125	9.0	LOS A	0.4	3.2	0.08	0.58	0.08	51.9
Approach		101	4.0	0.125	7.0	LOS A	0.4	3.2	0.08	0.58	0.08	52.2
East: O'CONNELL STREET												
4	L2	58	4.0	0.109	5.8	LOS A	0.5	3.8	0.16	0.52	0.16	53.0
5	T1	2	4.0	0.109	0.2	LOS A	0.5	3.8	0.16	0.52	0.16	54.5
6	R2	126	4.0	0.109	5.8	LOS A	0.5	3.8	0.16	0.52	0.16	52.8
Approach		186	4.0	0.109	5.7	NA	0.5	3.8	0.16	0.52	0.16	52.9
North: O'CONNELL STREET												
7	L2	135	4.0	0.084	5.6	LOS A	0.4	2.6	0.04	0.56	0.04	53.3
8	T1	174	4.0	0.196	5.5	LOS A	0.8	5.6	0.38	0.61	0.38	53.5
9	R2	20	4.0	0.196	7.1	LOS A	0.8	5.6	0.38	0.61	0.38	52.8
Approach		328	4.0	0.196	5.7	LOS A	0.8	5.6	0.24	0.59	0.24	53.4
West: WSU ACCESS												
10	L2	57	4.0	0.060	5.7	LOS A	0.2	1.7	0.12	0.50	0.12	53.4
11	T1	6	4.0	0.060	0.2	LOS A	0.2	1.7	0.12	0.50	0.12	54.9
12	R2	42	4.0	0.060	5.7	LOS A	0.2	1.7	0.12	0.50	0.12	52.8
Approach		105	4.0	0.060	5.4	NA	0.2	1.7	0.12	0.50	0.12	53.2
All Vehicles		721	4.0	0.196	5.8	NA	0.8	5.6	0.18	0.56	0.18	53.1

Site Level of Service (LOS) Method: Delay (RTA NSW). Site LOS Method is specified in the Parameter Settings dialog (Site tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA: Intersection LOS and Major Road Approach LOS values are Not Applicable for two-way sign control since the average delay is not a good LOS measure due to zero delays associated with major road movements.

SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.

Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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Organisation: TRANSPORT AND TRAFFIC PLANNING ASSOCIATES | Processed: Thursday, 12 December 2019 9:53:14 AM

Project: T:\WORK19\19274 - 46 - 66 O'CONNELL STREET, CADDENS\SURVEY\Caddens 12122019.sip8

MOVEMENT SUMMARY

Site: 101v [FUT 2029 PM O'CONNELL STREET - PROPOSED NEW ROAD] Network: N101 [FUT 2029 PM PEAK]

New Site
 Site Category: (None)
 Giveway / Yield (Two-Way)

Movement Performance - Vehicles														
Mov ID	Turn	Demand Flows		Arrival Flows		Deg. Satn	Average Delay	Level of Service	Aver. Back of Queue	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed	
		Total veh/h	HV %	Total veh/h	HV %	v/c	sec		Vehicles veh	Distance m			km/h	
South: O'CONNELL STREET														
2	T1	333	4.0	333	4.0	0.218	0.8	LOS A	0.2	1.6	0.18	0.06	0.18	57.0
3	R2	35	4.0	35	4.0	0.218	9.7	LOS A	0.2	1.6	0.18	0.06	0.18	56.4
Approach		367	4.0	367	4.0	0.218	1.6	NA	0.2	1.6	0.18	0.06	0.18	56.9
East: PROPOSED NEW ROAD														
4	L2	28	4.0	28	4.0	0.027	7.2	LOS A	0.0	0.3	0.44	0.63	0.44	48.5
6	R2	222	4.0	222	4.0	0.491	15.0	LOS B	0.9	6.4	0.78	1.02	1.16	40.3
Approach		251	4.0	251	4.0	0.491	14.1	LOS A	0.9	6.4	0.74	0.97	1.07	41.1
North: O'CONNELL STREET														
7	L2	226	4.0	226	4.0	0.352	5.6	LOS A	0.0	0.0	0.00	0.20	0.00	55.1
8	T1	431	4.0	431	4.0	0.352	0.0	LOS A	0.0	0.0	0.00	0.20	0.00	52.8
Approach		657	4.0	657	4.0	0.352	1.9	NA	0.0	0.0	0.00	0.20	0.00	54.2
All Vehicles		1275	4.0	1275	4.0	0.491	4.2	NA	0.9	6.4	0.20	0.31	0.26	51.6

Site Level of Service (LOS) Method: Delay (RTA NSW). Site LOS Method is specified in the Network Data dialog (Network tab).
 Vehicle movement LOS values are based on average delay per movement.
 Minor Road Approach LOS values are based on average delay for all vehicle movements.
 NA: Intersection LOS and Major Road Approach LOS values are Not Applicable for two-way sign control since the average delay is not a good LOS measure due to zero delays associated with major road movements.
 SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.
 Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
 HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

MOVEMENT SUMMARY

Site: 101v [FUT 2029 PM O'CONNELL STREET - PROPOSED ROAD 01] Network: N101 [FUT 2029 PM PEAK]

New Site
 Site Category: (None)
 Giveway / Yield (Two-Way)

Movement Performance - Vehicles														
Mov ID	Turn	Demand Flows		Arrival Flows		Deg. Satn	Average Delay	Level of Service	Aver. Back of Queue	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed	
		Total veh/h	HV %	Total veh/h	HV %	v/c	sec		Vehicles veh	Distance m			km/h	
South: O'CONNELL STREET														
2	T1	516	4.0	516	4.0	0.321	0.8	LOS A	0.3	2.4	0.16	0.05	0.19	58.0
3	R2	39	4.0	39	4.0	0.321	10.7	LOS A	0.3	2.4	0.16	0.05	0.19	54.9
Approach		555	4.0	555	4.0	0.321	1.5	NA	0.3	2.4	0.16	0.05	0.19	57.8
East: PROPOSED NEW ROAD														
4	L2	7	4.0	7	4.0	0.032	8.6	LOS A	0.0	0.3	0.67	0.81	0.67	43.1
6	R2	6	4.0	6	4.0	0.032	16.3	LOS B	0.0	0.3	0.67	0.81	0.67	48.3
Approach		14	4.0	14	4.0	0.032	12.1	LOS A	0.0	0.3	0.67	0.81	0.67	46.2
North: O'CONNELL STREET														
7	L2	32	4.0	32	4.0	0.359	5.6	LOS A	0.0	0.0	0.00	0.03	0.00	57.8
8	T1	649	4.0	649	4.0	0.359	0.0	LOS A	0.0	0.0	0.00	0.03	0.00	59.4
Approach		681	4.0	681	4.0	0.359	0.3	NA	0.0	0.0	0.00	0.03	0.00	59.3
All Vehicles		1249	4.0	1249	4.0	0.359	1.0	NA	0.3	2.4	0.08	0.05	0.09	58.3

Site Level of Service (LOS) Method: Delay (RTA NSW). Site LOS Method is specified in the Network Data dialog (Network tab).
 Vehicle movement LOS values are based on average delay per movement.
 Minor Road Approach LOS values are based on average delay for all vehicle movements.
 NA: Intersection LOS and Major Road Approach LOS values are Not Applicable for two-way sign control since the average delay is not a good LOS measure due to zero delays associated with major road movements.
 SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.
 Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
 HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

MOVEMENT SUMMARY

 Site: 101v [FUT 2029 PM O'CONNELL STREET - WSU ACCESS]

 Network: N101 [FUT 2029 PM PEAK]

New Site
Site Category: (None)
Roundabout

Movement Performance - Vehicles														
Mov ID	Turn	Demand Flows		Arrival Flows		Deg. Satn	Average Delay	Level of Service	Aver. Back of Queue	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed	
		Total veh/h	HV %	Total veh/h	HV %	v/c	sec		Vehicles	Distance m			km/h	
South: O'CONNELL LANE														
1	L2	9	4.0	9	4.0	0.340	6.3	LOS A	1.0	7.4	0.60	0.67	0.60	51.1
2	T1	152	4.0	152	4.0	0.340	6.7	LOS A	1.0	7.4	0.60	0.67	0.60	46.7
3	R2	180	4.0	180	4.0	0.340	10.2	LOS A	1.0	7.4	0.60	0.67	0.60	51.6
Approach		341	4.0	341	4.0	0.340	8.5	LOS A	1.0	7.4	0.60	0.67	0.60	50.1
East: O'CONNELL STREET														
4	L2	163	4.0	163	4.0	0.429	7.6	LOS A	1.3	9.6	0.71	0.75	0.71	50.5
5	T1	9	4.0	9	4.0	0.429	7.8	LOS A	1.3	9.6	0.71	0.75	0.71	51.6
6	R2	212	4.0	212	4.0	0.429	11.3	LOS A	1.3	9.6	0.71	0.75	0.71	46.0
Approach		384	4.0	384	4.0	0.429	9.6	LOS A	1.3	9.6	0.71	0.75	0.71	48.7
North: O'CONNELL STREET														
7	L2	176	4.0	176	4.0	0.451	6.7	LOS A	1.5	10.7	0.61	0.63	0.61	51.9
8	T1	287	4.0	287	4.0	0.451	6.8	LOS A	1.5	10.7	0.61	0.63	0.61	52.8
9	R2	18	4.0	18	4.0	0.451	10.2	LOS A	1.5	10.7	0.61	0.63	0.61	52.6
Approach		481	4.0	481	4.0	0.451	6.9	LOS A	1.5	10.7	0.61	0.63	0.61	52.5
West: WSU ACCESS														
10	L2	26	4.0	26	4.0	0.084	8.4	LOS A	0.2	1.4	0.67	0.72	0.67	45.5
11	T1	9	4.0	9	4.0	0.084	8.7	LOS A	0.2	1.4	0.67	0.72	0.67	51.2
12	R2	26	4.0	26	4.0	0.084	12.0	LOS A	0.2	1.4	0.67	0.72	0.67	50.8
Approach		62	4.0	62	4.0	0.084	10.0	LOS A	0.2	1.4	0.67	0.72	0.67	49.3
All Vehicles		1268	4.0	1268	4.0	0.451	8.3	LOS A	1.5	10.7	0.64	0.68	0.64	50.7

Site Level of Service (LOS) Method: Delay (RTA NSW). Site LOS Method is specified in the Network Data dialog (Network tab).

Vehicle movement LOS values are based on average delay per movement.

Intersection and Approach LOS values are based on average delay for all vehicle movements.

Roundabout Capacity Model: SIDRA Standard.

SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.

Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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Organisation: TRANSPORT AND TRAFFIC PLANNING ASSOCIATES | Processed: Thursday, 23 July 2020 1:29:54 PM

Project: T:\WORK\19\19274 - 46 - 66 O'CONNELL STREET, CADDENS\SURVEY\Caddens 23072020.sip8

Appendix C

Public Transport Services



Sydney rail network



M Metro **T** Trains



Sydney metro and train lines



Metro North West Line
Chatswood
Tallawong



T1 North Shore & Western Line
North Shore
Western
Richmond



T2 Inner West & Leppington Line
Inner West
Leppington
City



T3 Bankstown Line
Liverpool
Lidcombe
City



T4 Eastern Suburbs & Illawarra Line
Eastern Suburbs
Illawarra
Cronulla



T5 Cumberland Line
Leppington
Richmond



T6 Carlingford Line
Carlingford
Clyde



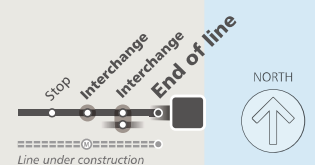
T7 Olympic Park Line
Olympic Park
Lidcombe



T8 Airport & South Line
Airport
South
City

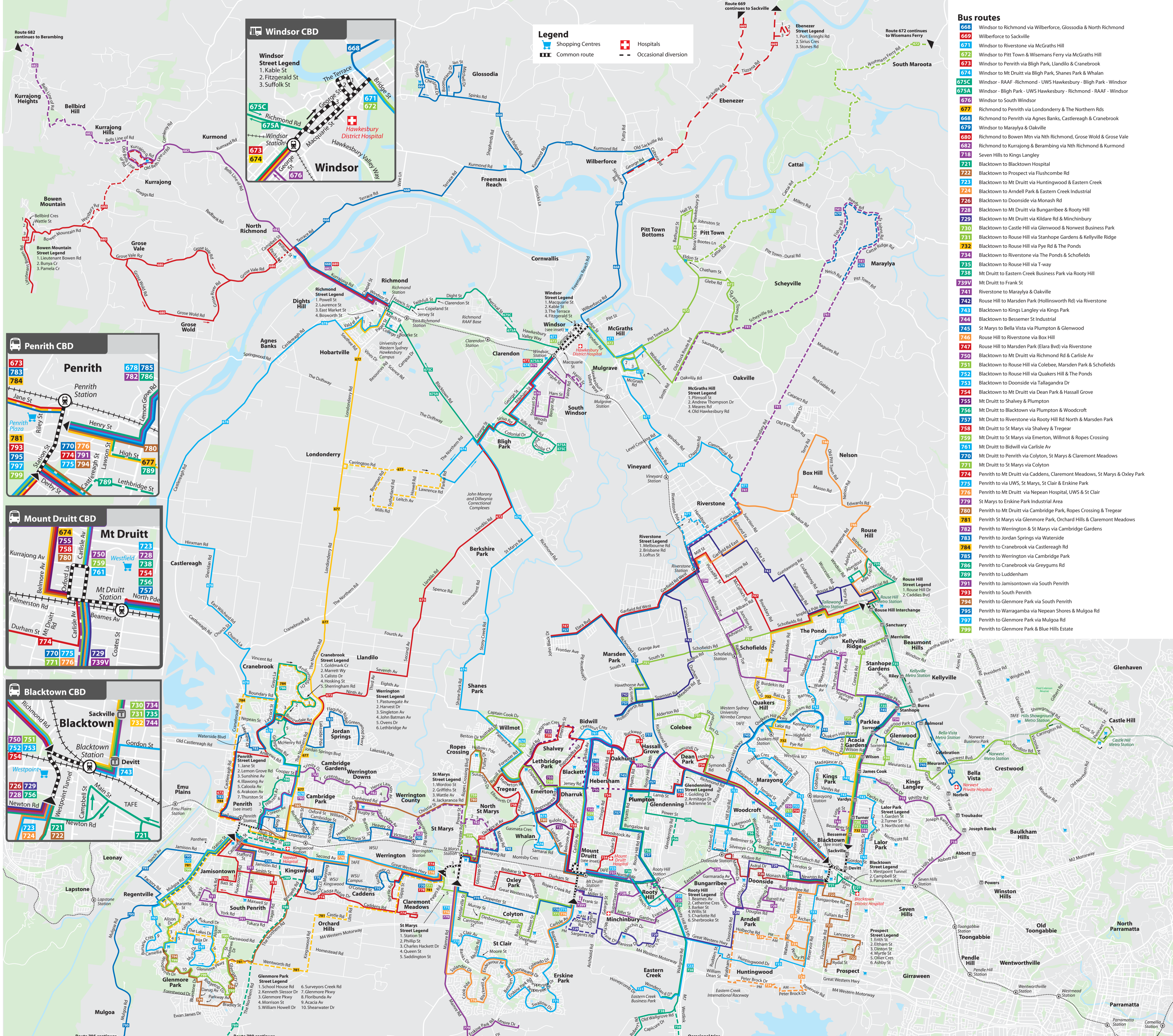


T9 Northern Line
Northern
Gordon



Check timetables and trip planners for train services and connections

Visit transportnsw.info



Bus routes

- 668 Windsor to Richmond via Wilberforce, Glossodia & North Richmond
- 669 Wilberforce to Sackville
- 671 Windsor to Riverstone via McGraths Hill
- 672 Windsor to Pitt Town & Wisemans Ferry via McGraths Hill
- 673 Windsor to Penrith via Bligh Park, Llandilo & Cranebrook
- 674 Windsor to Mt Druitt via Bligh Park, Shanes Park & Whalan
- 675C Windsor - RAAF - Richmond - UWS Hawkesbury - Bligh Park - Windsor
- 675A Windsor - Bligh Park - UWS Hawkesbury - Richmond - RAAF - Windsor
- 676 Windsor to South Windsor
- 677 Richmond to Penrith via Londonderry & The Northern Rds
- 668 Richmond to Penrith via Agnes Banks, Castlereagh & Cranebrook
- 679 Windsor to Maraylya & Oakville
- 680 Richmond to Bowen Mtn via Nth Richmond, Grose Wold & Grose Vale
- 682 Richmond to Kurrajong & Berambing via Nth Richmond & Kurmond
- 718 Seven Hills to Kings Langley
- 721 Blacktown to Blacktown Hospital
- 722 Blacktown to Prospect via Flushcombe Rd
- 723 Blacktown to Mt Druitt via Huntingwood & Eastern Creek
- 724 Blacktown to Arndell Park & Eastern Creek Industrial
- 726 Blacktown to Doonside via Monash Rd
- 728 Blacktown to Mt Druitt via Bungaribee & Rooty Hill
- 729 Blacktown to Mt Druitt via Kildare Rd & Minchinbury
- 730 Blacktown to Castle Hill via Glenwood & Norwest Business Park
- 731 Blacktown to Rouse Hill via Stanhope Gardens & Kellyville Ridge
- 732 Blacktown to Rouse Hill via Pye Rd & The Ponds
- 734 Blacktown to Riverstone via The Ponds & Schofields
- 735 Blacktown to Rouse Hill via T-way
- 738 Mt Druitt to Eastern Creek Business Park via Rooty Hill
- 739V Mt Druitt to Frank St
- 741 Riverstone to Maraylya & Oakville
- 742 Rouse Hill to Marsden Park (Hollinsworth Rd) via Riverstone
- 743 Blacktown to Kings Langley via Kings Park
- 744 Blacktown to Bessemer St Industrial
- 745 St Marys to Bella Vista via Plumpton & Glenwood
- 746 Rouse Hill to Riverstone via Box Hill
- 747 Rouse Hill to Marsden Park (Elara Bvd) via Riverstone
- 750 Blacktown to Mt Druitt via Richmond Rd & Carlisle Av
- 751 Blacktown to Rouse Hill via Colebee, Marsden Park & Schofields
- 752 Blacktown to Rouse Hill via Quakers Hill & The Ponds
- 753 Blacktown to Doonside via Tallagandra Dr
- 754 Blacktown to Mt Druitt via Dean Park & Hassall Grove
- 756 Mt Druitt to Shalvey & Plumpton
- 757 Mt Druitt to Blacktown via Plumpton & Woodcroft
- 757 Mt Druitt to Riverstone via Rooty Hill Rd North & Marsden Park
- 758 Mt Druitt to St Marys via Shalvey & Tregear
- 759 Mt Druitt to St Marys via Emerton, Willmot & Ropes Crossing
- 761 Mt Druitt to Bidwill via Carlisle Av
- 770 Mt Druitt to Penrith via Colyton, St Marys & Claremont Meadows
- 771 Mt Druitt to St Marys via Colyton
- 774 Penrith to Mt Druitt via Caddens, Claremont Meadows, St Marys & Oxley Park
- 775 Penrith to UWS, St Marys, St Clair & Erskine Park
- 776 Penrith to Mt Druitt via Nepean Hospital, UWS & St Clair
- 779 St Marys to Erskine Park Industrial Area
- 780 Penrith to Mt Druitt via Cambridge Park, Ropes Crossing & Tregear
- 781 Penrith to St Marys via Glenmore Park, Orchard Hills & Claremont Meadows
- 782 Penrith to Werrington & St Marys via Cambridge Gardens
- 783 Penrith to Jordan Springs via Waterside
- 784 Penrith to Cranebrook via Castlereagh Rd
- 785 Penrith to Werrington via Cambridge Park
- 786 Penrith to Cranebrook via Greygums Rd
- 789 Penrith to Luddenham
- 791 Penrith to Jamisontown via South Penrith
- 793 Penrith to South Penrith
- 794 Penrith to Glenmore Park via South Penrith
- 795 Penrith to Warragamba via Nepean Shores & Mulgoa Rd
- 797 Penrith to Glenmore Park via Mulgoa Rd
- 799 Penrith to Glenmore Park & Blue Hills Estate

Windsor CBD

Windsor Street Legend

- Kable St
- Fitzgerald St
- Suffolk St

Penrith CBD

Penrith Street Legend

- Jane St
- Henry St
- Lemon Cr
- High St
- Lethbridge St

Mount Druitt CBD

Mt Druitt Street Legend

- Carilile Av
- Westfield
- North Pde
- Beames Av
- Coates St

Blacktown CBD

Blacktown Street Legend

- Jane St
- Lemon Grove Rd
- Sunshine Av
- Illawong Av
- Caloola Av
- Arakoon Av
- Thurston St
- Cooper St
- Phillip St
- Stations St
- Kingwood St
- Smith St
- Derby St
- Stafford St
- Jameson Rd
- Regentville St
- Alison Dr
- Bunbush Cres
- Camella
- Forestwood Dr
- Balmain Dr
- Bradley St
- Ewan James Dr

How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

For the most up-to-date times, use the Trip Planner or Departures on transportsw.info

Real-time planning


You can plan your trip with real-time information using the Trip Planner or Departures on transportsw.info or by downloading travel apps on your smartphone or tablet.

The Trip Planner, Departures and travel apps offer various features:

- favourite your regular trips
- see where your service is on the route
- get estimated pick up and arrival times
- receive service updates
- find nearby stations, stops, wharves and routes
- check accessibility information

Find the latest apps at transportsw.info/apps

Accessible services

All new buses are wheelchair-accessible with low-level floors and space for wheelchairs, prams or strollers. Look for the  symbol in this timetable. Some older buses may not have all the features you need. There will be more accessible services as older buses are replaced.

Who is providing my bus services?

The bus services shown in this timetable are run by Busways Western Sydney.

Fares

In Sydney and surrounding regions, fares are based on:

- the distance you travel from tap on to tap off
- the mode of transport you choose
- whether you're eligible for a concession fare or free travel
- any Opal benefits such as discounts and capped fares that apply

You can use an Opal card or a contactless payment to pay for your travel.

Opal cards

An Opal card is a smartcard you keep and reuse. Add value before you travel and tap on and tap off to pay your fares throughout Sydney, the Blue Mountains, Central Coast, the Hunter and the Illawarra.

Which Opal card is right for you?


Adult - Customers 16 years and over who are not entitled to any concessions and normally pay full fare.

Child/Youth - For customers aged 4-15 (inclusive), or customers 16 years or older who hold a NSW/ACT Senior Secondary Student Concession Card.

Gold Senior/Pensioner - For eligible NSW and interstate seniors, pensioners, war widows/ers and asylum seekers.

Concession - For eligible tertiary students, job seekers, apprentices and trainees.

How to get an Opal card

You can get an Adult or Child/Youth Opal card over the counter at Opal retailers that display the Opal sign . To find your nearest retailer visit transportsw.info/opal.

If you are eligible to travel with concession fares you can apply for a Gold Senior/Pensioner or Concession Opal card online. Visit transportsw.info/opal for more information.

Contactless payments


If you have an American Express, Mastercard, Visa card or linked device, you can use it to pay for all public transport on the Opal network. Just make sure to tap on and tap off at Opal readers at the beginning and end of your trip.

Always separate your cards when you tap on and tap off so your preferred card is charged.

You will receive the same travel benefits of an Adult Opal card when you tap on and tap off consistently with the same credit card, debit card or linked device. This includes daily, weekly and Sunday travel caps, and a \$2 transfer discount when you change between metro/train, ferry, bus or light rail services within 60 minutes. Adult Opal fare pricing applies.

Find out more at transportsw.info/contactless

Explanation of definitions and symbols

	Wheelchair Accessible
E	Public school days bus operates through timing point 10 minutes earlier than time shown
H	Bus operates public school holidays only
G	Public school days bus operates through timing point 5 minutes earlier than time shown

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Penrith to Mount DrUITT via St Marys

B

Valid from: 19 Dec 2019

Creation date: 12 Dec 2019

NOTE: Information is correct on date of download.

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	05:34	06:06	06:33	07:01	E 07:34	08:08	08:41	09:30	10:00
Jamison Rd near Penrose Cr, Penrith	05:39	06:11	06:38	07:07	E 07:42	08:14	08:49	09:38	10:08
Angophora Av near Casuarina Cct, Kingswood	05:42	06:14	06:42	07:11	07:45	08:19	08:53	09:42	10:12
Second Ave at Morphett St, Kingswood	05:46	06:18	06:46	07:15	07:49	08:24	08:57	09:46	10:16
Sunflower Dr near Daisy Pl, Claremont Meadows	05:53	06:25	06:53	07:22	07:55	08:31	09:04	09:53	10:23
St Marys Interchange	ARR 05:59	06:31	06:59	07:29	08:02	08:38	09:11	10:00	10:30
St Marys Interchange	DEP 06:00	06:32	07:00	07:31	08:04	08:40	09:13	10:02	10:32
Monfarville St before Carpenter St, St Marys	06:04	06:36	07:05	07:36	08:09	08:45	09:19	10:08	10:38
Hewitt St at Francis St, Colyton	06:10	06:42	07:11	07:44	08:15	08:51	09:26	10:15	10:45
Mount DrUITT Station, Mount DrUITT	06:21	06:53	07:22	07:55	08:26	09:02	09:37	10:26	10:56

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Service Information									H
Penrith Station	10:30	11:00	11:30	12:00	12:30	13:00	13:30	13:56	14:35
Jamison Rd near Penrose Cr, Penrith	10:38	11:08	11:38	12:08	12:38	13:08	13:38	14:04	14:43
Angophora Av near Casuarina Cct, Kingswood	10:42	11:12	11:42	12:12	12:42	13:12	13:42	14:08	14:47
Second Ave at Morphett St, Kingswood	10:46	11:16	11:46	12:16	12:46	13:16	13:46	14:12	14:51
Sunflower Dr near Daisy Pl, Claremont Meadows	10:53	11:23	11:53	12:23	12:53	13:23	13:53	14:19	14:58
St Marys Interchange	ARR 11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:26	15:05
St Marys Interchange	DEP 11:02	11:32	12:02	12:32	13:02	13:32	14:02	14:28	15:07
Monfarville St before Carpenter St, St Marys	11:08	11:38	12:08	12:38	13:08	13:38	14:08	14:34	15:13
Hewitt St at Francis St, Colyton	11:15	11:45	12:15	12:45	13:15	13:45	14:15	14:41	15:20
Mount DrUITT Station, Mount DrUITT	11:26	11:56	12:26	12:56	13:26	13:56	14:26	14:52	15:31

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	E 15:00	15:32	15:57	16:31	17:02	17:33	18:03	18:28	18:58
Jamison Rd near Penrose Cr, Penrith	E 15:10	15:42	16:05	16:39	17:10	17:41	18:11	18:36	19:04
Angophora Av near Casuarina Cct, Kingswood	G 15:14	15:46	16:11	16:45	17:16	17:47	18:17	18:42	19:08
Second Ave at Morphett St, Kingswood	G 15:18	15:50	16:16	16:50	17:21	17:52	18:22	18:47	19:12
Sunflower Dr near Daisy Pl, Claremont Meadows	15:24	15:56	16:21	16:55	17:26	17:57	18:27	18:52	19:17
St Marys Interchange	ARR 15:32	16:04	16:28	17:03	17:34	18:05	18:35	19:00	19:25
St Marys Interchange	DEP 15:34	16:06	16:30	17:05	17:36	18:07	18:37	19:02	19:27
Monfarville St before Carpenter St, St Marys	15:40	16:12	16:36	17:11	17:42	18:13	18:43	19:07	19:32
Hewitt St at Francis St, Colyton	15:47	16:19	16:43	17:17	17:48	18:19	18:49	19:11	19:36
Mount DrUITT Station, Mount DrUITT	15:59	16:31	16:55	17:29	18:00	18:30	19:00	19:22	19:47

Monday to Friday	♿	♿	♿	♿	♿	♿	♿
Penrith Station	19:23	19:53	20:23	21:06	21:36	22:06	22:36
Jamison Rd near Penrose Cr, Penrith	19:29	19:59	20:29	21:12	21:42	22:12	22:42
Angophora Av near Casuarina Cct, Kingswood	19:33	20:03	20:33	21:16	21:46	22:16	22:46
Second Ave at Morphett St, Kingswood	19:37	20:07	20:37	21:20	21:50	22:20	22:50
Sunflower Dr near Daisy Pl, Claremont Meadows	19:42	20:12	20:42	21:25	21:55	22:25	22:55
St Marys Interchange	ARR 19:50	20:20	20:50	21:32	22:02	22:32	23:02
St Marys Interchange	DEP 19:52	20:22	20:52	21:33	22:03	22:33	23:03
Monfarville St before Carpenter St, St Marys	19:57	20:27	20:57	21:36	22:06	22:36	23:06
Hewitt St at Francis St, Colyton	20:01	20:31	21:01	21:40	22:10	22:40	23:10
Mount DrUITT Station, Mount DrUITT	20:12	20:42	21:12	21:50	22:20	22:50	23:20

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Penrith to Mount Druitt via St Marys

B

Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	-	07:12	08:12	08:55	09:55	10:55	11:55	12:55	13:55
Jamison Rd near Penrose Cr, Penrith	-	07:17	08:17	09:02	10:02	11:02	12:02	13:02	14:02
Angophora Av near Casuarina Cct, Kingswood	-	07:20	08:20	09:07	10:07	11:07	12:07	13:07	14:07
Second Ave at Morphett St, Kingswood	-	07:25	08:25	09:12	10:12	11:12	12:12	13:12	14:12
Sunflower Dr near Daisy Pl, Claremont Meadows	-	07:30	08:30	09:17	10:17	11:17	12:17	13:17	14:17
St Marys Interchange	ARR	07:37	08:37	09:24	10:24	11:24	12:24	13:24	14:24
St Marys Interchange	DEP	06:39	07:39	08:39	09:26	10:26	11:26	12:26	14:26
Monfarville St before Carpenter St, St Marys		06:45	07:45	08:45	09:32	10:32	11:32	12:32	14:32
Hewitt St at Francis St, Colyton		06:51	07:51	08:51	09:39	10:39	11:39	12:39	14:39
Mount Druitt Station, Mount Druitt		07:01	08:01	09:01	09:49	10:49	11:49	12:49	14:49

Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	14:55	15:55	16:55	17:55	18:54	19:54	20:54	21:41	22:41
Jamison Rd near Penrose Cr, Penrith	15:02	16:02	17:02	18:02	18:59	19:59	20:59	21:46	22:46
Angophora Av near Casuarina Cct, Kingswood	15:07	16:07	17:07	18:07	19:04	20:04	21:04	21:51	22:51
Second Ave at Morphett St, Kingswood	15:12	16:12	17:12	18:12	19:09	20:09	21:09	21:56	22:56
Sunflower Dr near Daisy Pl, Claremont Meadows	15:17	16:17	17:17	18:17	19:14	20:14	21:14	22:01	23:01
St Marys Interchange	ARR	15:24	16:24	17:24	18:24	19:20	20:20	21:20	23:06
St Marys Interchange	DEP	15:26	16:26	17:26	18:27	19:22	20:22	21:22	23:07
Monfarville St before Carpenter St, St Marys		15:32	16:32	17:32	18:31	19:26	20:26	21:26	23:11
Hewitt St at Francis St, Colyton		15:39	16:39	17:39	18:36	19:31	20:31	21:31	23:16
Mount Druitt Station, Mount Druitt		15:49	16:49	17:49	18:45	19:40	20:40	21:40	23:25

Saturday	♿
Penrith Station	23:41
Jamison Rd near Penrose Cr, Penrith	23:46
Angophora Av near Casuarina Cct, Kingswood	23:51
Second Ave at Morphett St, Kingswood	23:56
Sunflower Dr near Daisy Pl, Claremont Meadows	00:01
St Marys Interchange	ARR 00:06

Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	08:55	09:55	10:55	11:55	12:55	13:55	14:55	15:55	16:55
Jamison Rd near Penrose Cr, Penrith	09:02	10:02	11:02	12:02	13:02	14:02	15:02	16:02	17:02
Angophora Av near Casuarina Cct, Kingswood	09:06	10:06	11:06	12:06	13:06	14:06	15:06	16:06	17:06
Second Ave at Morphett St, Kingswood	09:10	10:10	11:10	12:10	13:10	14:10	15:10	16:10	17:10
Sunflower Dr near Daisy Pl, Claremont Meadows	09:15	10:15	11:15	12:15	13:15	14:15	15:15	16:15	17:15
St Marys Interchange	ARR	09:23	10:23	11:23	12:23	13:23	14:23	15:23	17:23
St Marys Interchange	DEP	09:24	10:24	11:24	12:24	13:24	14:24	15:24	17:24
Monfarville St before Carpenter St, St Marys		09:30	10:30	11:30	12:30	13:30	14:30	15:30	17:30
Hewitt St at Francis St, Colyton		09:36	10:36	11:36	12:36	13:36	14:36	15:36	17:36
Mount Druitt Station, Mount Druitt		09:46	10:46	11:46	12:46	13:46	14:46	15:46	17:46

Sunday & Public Holidays	♿	♿	♿
Penrith Station	18:00	18:48	19:48
Jamison Rd near Penrose Cr, Penrith	18:07	18:55	19:55
Angophora Av near Casuarina Cct, Kingswood	18:11	18:59	19:59
Second Ave at Morphett St, Kingswood	18:15	19:03	20:03
Sunflower Dr near Daisy Pl, Claremont Meadows	18:20	19:08	20:08
St Marys Interchange	ARR	18:27	19:15
St Marys Interchange	DEP	18:28	19:16
Monfarville St before Carpenter St, St Marys		18:31	19:19
Hewitt St at Francis St, Colyton		18:36	19:24
Mount Druitt Station, Mount Druitt		18:46	19:34

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Mount Druitt to Penrith via St Marys

B

Monday to Friday		♿	♿	♿	♿	♿	♿	♿	♿	
Service Information							H	H		
Mount Druitt Station, Mount Druitt		05:13	05:44	06:14	06:35	07:04	07:26	08:10	08:44	09:17
Hewitt St after Great Western Hwy, Colyton		05:19	05:50	06:20	06:42	07:11	07:34	08:18	08:52	09:25
Saddington St at Monfarville St, St Marys		05:26	05:57	06:27	06:49	07:19	07:43	08:25	09:00	09:32
St Marys Interchange	ARR	05:31	06:02	06:32	06:56	07:26	07:51	08:34	09:09	09:41
St Marys Interchange	DEP	05:33	06:04	06:34	06:58	07:28	07:53	08:36	09:11	09:43
Sunflower Dr near Daisy Pl, Claremont Meadows		05:37	06:08	06:38	07:02	07:33	07:58	08:41	09:17	09:48
Second Ave after O'Connell St, Kingswood		05:43	06:14	06:44	07:09	07:40	08:05	08:47	09:24	09:54
Angophora Av near Casuarina Cct, Kingswood		05:47	06:18	06:48	07:14	07:45	08:10	08:51	09:29	09:58
Jamison Rd near Penrose Cr, Penrith		05:51	06:22	06:52	07:20	07:52	08:17	08:57	09:35	10:04
Penrith Station		06:01	06:32	07:02	07:30	08:02	08:27	09:08	09:47	10:15

Monday to Friday		♿	♿	♿	♿	♿	♿	♿	♿	
Mount Druitt Station, Mount Druitt		09:47	10:17	10:47	11:17	11:47	12:17	12:47	13:17	13:47
Hewitt St after Great Western Hwy, Colyton		09:55	10:25	10:55	11:25	11:55	12:25	12:55	13:25	13:55
Saddington St at Monfarville St, St Marys		10:02	10:32	11:02	11:32	12:02	12:32	13:02	13:32	14:02
St Marys Interchange	ARR	10:11	10:41	11:11	11:41	12:11	12:41	13:11	13:41	14:11
St Marys Interchange	DEP	10:13	10:43	11:13	11:43	12:13	12:43	13:13	13:43	14:13
Sunflower Dr near Daisy Pl, Claremont Meadows		10:18	10:48	11:18	11:48	12:18	12:48	13:18	13:48	14:18
Second Ave after O'Connell St, Kingswood		10:24	10:54	11:24	11:54	12:24	12:54	13:24	13:54	14:24
Angophora Av near Casuarina Cct, Kingswood		10:28	10:58	11:28	11:58	12:28	12:58	13:28	13:58	14:28
Jamison Rd near Penrose Cr, Penrith		10:34	11:04	11:34	12:04	12:34	13:04	13:34	14:04	14:34
Penrith Station		10:45	11:15	11:45	12:15	12:45	13:15	13:45	14:15	14:45

Monday to Friday		♿	♿	♿	♿	♿	♿	♿	♿	
Mount Druitt Station, Mount Druitt		14:19	14:49	15:45	16:15	16:52	17:12	17:42	18:11	18:47
Hewitt St after Great Western Hwy, Colyton		14:27	14:57	15:55	16:25	17:02	17:22	17:52	18:21	18:54
Saddington St at Monfarville St, St Marys		14:34	15:04	16:02	16:32	17:09	17:29	17:57	18:26	18:59
St Marys Interchange	ARR	14:43	15:11	16:11	16:40	17:17	17:37	18:05	18:34	19:06
St Marys Interchange	DEP	14:45	15:13	16:13	16:42	17:19	17:39	18:07	18:36	19:08
Sunflower Dr near Daisy Pl, Claremont Meadows		14:50	15:19	16:19	16:47	17:24	17:44	18:12	18:41	19:12
Second Ave after O'Connell St, Kingswood		14:56	15:26	16:26	16:54	17:31	17:51	18:19	18:48	19:17
Angophora Av near Casuarina Cct, Kingswood		15:00	15:30	16:30	16:58	17:35	17:55	18:23	18:52	19:21
Jamison Rd near Penrose Cr, Penrith		15:06	15:36	16:36	17:03	17:40	18:00	18:27	18:56	19:25
Penrith Station		15:18	15:47	16:48	17:15	17:52	18:12	18:37	19:06	19:34

Monday to Friday		♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt		19:07	19:32	20:02	20:32	21:02	21:32	22:02	22:32
Hewitt St after Great Western Hwy, Colyton		19:14	19:39	20:09	20:38	21:08	21:38	22:08	22:38
Saddington St at Monfarville St, St Marys		19:19	19:44	20:14	20:42	21:12	21:42	22:12	22:42
St Marys Interchange	ARR	19:26	19:51	20:21	20:49	21:19	21:49	22:19	22:49
St Marys Interchange	DEP	19:28	19:53	20:23	20:51	21:21	21:51	22:21	22:51
Sunflower Dr near Daisy Pl, Claremont Meadows		19:32	19:57	20:27	20:55	21:25	21:55	22:25	22:55
Second Ave after O'Connell St, Kingswood		19:37	20:02	20:32	21:00	21:30	22:00	22:30	23:00
Angophora Av near Casuarina Cct, Kingswood		19:41	20:06	20:36	21:04	21:34	22:04	22:34	23:04
Jamison Rd near Penrose Cr, Penrith		19:45	20:10	20:40	21:08	21:38	22:08	22:38	23:08
Penrith Station		19:54	20:19	20:49	21:17	21:47	22:17	22:47	23:17

Saturday		♿	♿	♿	♿	♿	♿	♿	♿	
Mount Druitt Station, Mount Druitt		06:16	07:16	08:00	08:50	09:50	10:50	11:50	12:50	13:50
Hewitt St after Great Western Hwy, Colyton		06:21	07:21	08:07	08:57	09:57	10:57	11:57	12:57	13:57
Saddington St at Monfarville St, St Marys		06:26	07:26	08:14	09:04	10:04	11:04	12:04	13:04	14:04
St Marys Interchange	ARR	06:32	07:32	08:23	09:13	10:13	11:13	12:13	13:13	14:13
St Marys Interchange	DEP	06:33	07:33	08:25	09:15	10:15	11:15	12:15	13:15	14:15
Sunflower Dr near Daisy Pl, Claremont Meadows		06:37	07:37	08:30	09:20	10:20	11:20	12:20	13:20	14:20
Second Ave after O'Connell St, Kingswood		06:42	07:42	08:37	09:27	10:27	11:27	12:27	13:27	14:27
Angophora Av near Casuarina Cct, Kingswood		06:46	07:46	08:41	09:31	10:31	11:31	12:31	13:31	14:31
Jamison Rd near Penrose Cr, Penrith		06:52	07:52	08:47	09:37	10:37	11:37	12:37	13:37	14:37
Penrith Station		07:04	08:04	08:59	09:49	10:49	11:49	12:49	13:49	14:49

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Mount Druitt to Penrith via St Marys

B

Saturday

	♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt	14:50	15:50	16:50	17:50	18:44	19:44	20:44	21:44
Hewitt St after Great Western Hwy, Colyton	14:57	15:57	16:57	17:57	18:50	19:50	20:50	21:50
Saddington St at Monfarville St, St Marys	15:04	16:04	17:04	18:04	18:55	19:55	20:55	21:55
St Marys Interchange	ARR 15:13	16:13	17:13	18:13	19:01	20:01	21:01	22:01
St Marys Interchange	DEP 15:15	16:15	17:15	18:15	19:01	20:01	21:01	22:01
Sunflower Dr near Daisy Pl, Claremont Meadows	15:20	16:20	17:20	18:20	19:04	20:04	21:04	22:04
Second Ave after O'Connell St, Kingswood	15:27	16:27	17:27	18:27	19:08	20:08	21:08	22:08
Angophora Av near Casuarina Cct, Kingswood	15:31	16:31	17:31	18:31	19:12	20:12	21:12	22:12
Jamison Rd near Penrose Cr, Penrith	15:37	16:37	17:37	18:37	19:18	20:18	21:18	22:18
Penrith Station	15:49	16:49	17:49	18:49	19:29	20:29	21:29	22:29

Sunday & Public Holidays

	♿	♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt	08:10	09:10	10:10	11:10	12:10	13:10	14:10	15:10	16:10
Hewitt St after Great Western Hwy, Colyton	08:16	09:16	10:16	11:16	12:16	13:16	14:16	15:16	16:16
Saddington St at Monfarville St, St Marys	08:22	09:22	10:22	11:22	12:22	13:22	14:22	15:22	16:22
St Marys Interchange	ARR 08:31	09:31	10:31	11:31	12:31	13:31	14:31	15:31	16:31
St Marys Interchange	DEP 08:33	09:33	10:33	11:33	12:33	13:33	14:33	15:33	16:33
Sunflower Dr near Daisy Pl, Claremont Meadows	08:38	09:38	10:38	11:38	12:38	13:38	14:38	15:38	16:38
Second Ave after O'Connell St, Kingswood	08:44	09:44	10:44	11:44	12:44	13:44	14:44	15:44	16:44
Angophora Av near Casuarina Cct, Kingswood	08:48	09:48	10:48	11:48	12:48	13:48	14:48	15:48	16:48
Jamison Rd near Penrose Cr, Penrith	08:54	09:54	10:54	11:54	12:54	13:54	14:54	15:54	16:54
Penrith Station	09:05	10:05	11:05	12:05	13:05	14:05	15:05	16:05	17:05

Sunday & Public Holidays

	♿	♿	♿
Mount Druitt Station, Mount Druitt	17:10	18:04	19:04
Hewitt St after Great Western Hwy, Colyton	17:16	18:10	19:10
Saddington St at Monfarville St, St Marys	17:22	18:15	19:15
St Marys Interchange	ARR 17:31	18:23	19:23
St Marys Interchange	DEP 17:33	18:25	19:25
Sunflower Dr near Daisy Pl, Claremont Meadows	17:38	18:29	19:29
Second Ave after O'Connell St, Kingswood	17:44	18:34	19:34
Angophora Av near Casuarina Cct, Kingswood	17:48	18:37	19:37
Jamison Rd near Penrose Cr, Penrith	17:54	18:41	19:41
Penrith Station	18:05	18:49	19:49

How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

For the most up-to-date times, use the Trip Planner or Departures on transportsw.info

Real-time planning


You can plan your trip with real-time information using the Trip Planner or Departures on transportsw.info or by downloading travel apps on your smartphone or tablet.

The Trip Planner, Departures and travel apps offer various features:

- favourite your regular trips
- see where your service is on the route
- get estimated pick up and arrival times
- receive service updates
- find nearby stations, stops, wharves and routes
- check accessibility information

Find the latest apps at transportsw.info/apps

Accessible services

All new buses are wheelchair-accessible with low-level floors and space for wheelchairs, prams or strollers. Look for the  symbol in this timetable. Some older buses may not have all the features you need. There will be more accessible services as older buses are replaced.

Who is providing my bus services?

The bus services shown in this timetable are run by Busways Western Sydney.

Fares

In Sydney and surrounding regions, fares are based on:

- the distance you travel from tap on to tap off
- the mode of transport you choose
- whether you're eligible for a concession fare or free travel
- any Opal benefits such as discounts and capped fares that apply

You can use an Opal card or a contactless payment to pay for your travel.

Opal cards

An Opal card is a smartcard you keep and reuse. Add value before you travel and tap on and tap off to pay your fares throughout Sydney, the Blue Mountains, Central Coast, the Hunter and the Illawarra.

Which Opal card is right for you?

Adult - Customers 16 years and over who are not entitled to any concessions and normally pay full fare.

Child/Youth - For customers aged 4-15 (inclusive), or customers 16 years or older who hold a NSW/ACT Senior Secondary Student Concession Card.

Gold Senior/Pensioner - For eligible NSW and interstate seniors, pensioners, war widows/ers and asylum seekers.

Concession - For eligible tertiary students, job seekers, apprentices and trainees.

How to get an Opal card

You can get an Adult or Child/Youth Opal card over the counter at Opal retailers that display the Opal sign . To find your nearest retailer visit transportsw.info/opal.

If you are eligible to travel with concession fares you can apply for a Gold Senior/Pensioner or Concession Opal card online. Visit transportsw.info/opal for more information.

Contactless payments

If you have an American Express, Mastercard, Visa card or linked device, you can use it to pay for all public transport on the Opal network. Just make sure to tap on and tap off at Opal readers at the beginning and end of your trip.

Always separate your cards when you tap on and tap off so your preferred card is charged.

You will receive the same travel benefits of an Adult Opal card when you tap on and tap off consistently with the same credit card, debit card or linked device. This includes daily, weekly and Sunday travel caps, and a \$2 transfer discount when you change between metro/train, ferry, bus or light rail services within 60 minutes. Adult Opal fare pricing applies.

Find out more at transportsw.info/contactless

Explanation of definitions and symbols



Wheelchair Accessible

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Penrith to Mount DrUITT via Nepean Hospital

B

Valid from: 19 Dec 2019

Creation date: 12 Dec 2019

NOTE: Information is correct on date of download.

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	05:04	05:36	06:06	06:36	06:50	07:18	08:09	08:42	09:12
Nepean Hospital Derby St, Kingswood	05:10	05:42	06:12	06:42	06:57	07:27	08:18	08:51	09:21
Cadda Ridge Dr at Murcott Tce, Caddens	05:16	05:48	06:18	06:48	07:05	07:35	08:26	08:59	09:29
Caddens Rd at Galea St, Claremont Meadows	05:25	05:57	06:27	06:57	07:16	07:46	08:37	09:10	09:40
Myrtle Rd opp Massa Pl, Claremont Meadows	05:29	06:01	06:31	07:01	07:21	07:51	08:42	09:15	09:45
St Marys Interchange	ARR	05:36	06:08	06:38	07:08	07:29	07:59	08:50	09:23
St Marys Interchange	DEP	05:37	06:09	06:39	07:09	07:31	08:01	08:52	09:25
Belltrees Village, Great Western Hwy, St Marys	05:42	06:14	06:44	07:14	07:36	08:06	08:57	09:30	10:00
Brisbane St near Melbourne St, Oxley Park	05:46	06:18	06:48	07:18	07:41	08:11	09:02	09:35	10:05
Mount DrUITT Station, Mount DrUITT	05:56	06:28	06:58	07:28	07:52	08:22	09:13	09:46	10:16

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	09:42	10:12	10:42	11:12	11:42	12:12	12:42	13:12	13:47
Nepean Hospital Derby St, Kingswood	09:51	10:21	10:51	11:21	11:51	12:21	12:51	13:21	13:56
Cadda Ridge Dr at Murcott Tce, Caddens	09:59	10:29	10:59	11:29	11:59	12:29	12:59	13:29	14:04
Caddens Rd at Galea St, Claremont Meadows	10:10	10:40	11:10	11:40	12:10	12:40	13:10	13:40	14:15
Myrtle Rd opp Massa Pl, Claremont Meadows	10:15	10:45	11:15	11:45	12:15	12:45	13:15	13:45	14:20
St Marys Interchange	ARR	10:23	10:53	11:23	11:53	12:23	12:53	13:23	13:53
St Marys Interchange	DEP	10:25	10:55	11:25	11:55	12:25	12:55	13:25	13:55
Belltrees Village, Great Western Hwy, St Marys	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:35
Brisbane St near Melbourne St, Oxley Park	10:35	11:05	11:35	12:05	12:35	13:05	13:35	14:05	14:40
Mount DrUITT Station, Mount DrUITT	10:46	11:16	11:46	12:16	12:46	13:16	13:46	14:16	14:51

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	14:31	15:06	15:36	16:06	16:30	16:58	17:28	17:58	18:33
Nepean Hospital Derby St, Kingswood	14:40	15:15	15:45	16:15	16:39	17:07	17:37	18:06	18:41
Cadda Ridge Dr at Murcott Tce, Caddens	14:48	15:23	15:53	16:23	16:47	17:15	17:45	18:13	18:48
Caddens Rd at Galea St, Claremont Meadows	14:59	15:34	16:04	16:34	16:58	17:26	17:56	18:23	18:58
Myrtle Rd opp Massa Pl, Claremont Meadows	15:04	15:39	16:09	16:39	17:03	17:31	18:01	18:28	19:03
St Marys Interchange	ARR	15:15	15:50	16:20	16:50	17:14	17:42	18:12	18:37
St Marys Interchange	DEP	15:17	15:52	16:22	16:52	17:16	17:44	18:14	18:39
Belltrees Village, Great Western Hwy, St Marys	15:23	15:58	16:28	16:58	17:22	17:50	18:20	18:44	19:19
Brisbane St near Melbourne St, Oxley Park	15:29	16:04	16:34	17:04	17:27	17:55	18:25	18:48	19:23
Mount DrUITT Station, Mount DrUITT	15:40	16:15	16:45	17:15	17:37	18:05	18:35	18:57	19:32

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	19:05	19:35	20:10	20:40	21:10	21:40	22:10		
Nepean Hospital Derby St, Kingswood	19:13	19:43	20:16	20:46	21:16	21:45	22:15		
Cadda Ridge Dr at Murcott Tce, Caddens	19:20	19:50	20:23	20:53	21:23	21:52	22:22		
Caddens Rd at Galea St, Claremont Meadows	19:30	20:00	20:33	21:03	21:33	22:02	22:32		
Myrtle Rd opp Massa Pl, Claremont Meadows	19:35	20:05	20:38	21:08	21:38	22:07	22:37		
St Marys Interchange	ARR	19:44	20:14	20:47	21:17	21:47	22:15	22:45	
St Marys Interchange	DEP	19:46	20:16	20:49	21:19	21:49	-	-	
Belltrees Village, Great Western Hwy, St Marys	19:51	20:21	20:53	21:23	21:53	-	-		
Brisbane St near Melbourne St, Oxley Park	19:55	20:25	20:57	21:27	21:57	-	-		
Mount DrUITT Station, Mount DrUITT	20:04	20:34	21:06	21:36	22:06	-	-		

Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	05:28	06:11	07:13	08:13	09:18	10:18	11:18	12:18	13:18
Nepean Hospital Derby St, Kingswood	05:33	06:16	07:18	08:18	09:25	10:25	11:25	12:25	13:25
Cadda Ridge Dr at Murcott Tce, Caddens	05:39	06:22	07:24	08:24	09:33	10:33	11:33	12:33	13:33
Caddens Rd at Galea St, Claremont Meadows	05:48	06:31	07:33	08:33	09:44	10:44	11:44	12:44	13:44
Myrtle Rd opp Massa Pl, Claremont Meadows	05:53	06:36	07:38	08:38	09:49	10:49	11:49	12:49	13:49
St Marys Interchange	ARR	06:02	06:45	07:47	08:47	09:58	10:58	11:58	12:58
St Marys Interchange	DEP	06:03	06:46	07:48	08:48	10:00	11:00	12:00	13:00
Belltrees Village, Great Western Hwy, St Marys	06:07	06:50	07:52	08:52	10:04	11:04	12:04	13:04	14:04
Brisbane St near Melbourne St, Oxley Park	06:12	06:55	07:57	08:57	10:09	11:09	12:09	13:09	14:09
Mount DrUITT Station, Mount DrUITT	06:23	07:06	08:08	09:08	10:20	11:20	12:20	13:20	14:20

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Penrith to Mount Druitt via Nepean Hospital

B

Saturday

	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	14:18	15:18	16:18	17:18	18:17	19:17	20:17	21:17	22:17
Nepean Hospital Derby St, Kingswood	14:25	15:25	16:25	17:25	18:22	19:22	20:22	21:22	22:22
Cadda Ridge Dr at Murcott Tce, Caddens	14:33	15:33	16:33	17:33	18:30	19:30	20:30	21:30	22:30
Caddens Rd at Galea St, Claremont Meadows	14:44	15:44	16:44	17:44	18:40	19:40	20:40	21:40	22:40
Myrtle Rd opp Massa Pl, Claremont Meadows	14:49	15:49	16:49	17:49	18:45	19:45	20:45	21:45	22:45
St Marys Interchange ARR	14:58	15:58	16:58	17:58	18:53	19:53	20:53	21:53	22:53
St Marys Interchange DEP	15:00	16:00	17:00	18:00	18:54	19:54	20:54	21:54	-
Belltrees Village, Great Western Hwy, St Marys	15:04	16:04	17:04	18:04	18:58	19:58	20:58	21:58	-
Brisbane St near Melbourne St, Oxley Park	15:09	16:09	17:09	18:09	19:02	20:02	21:02	22:02	-
Mount Druitt Station, Mount Druitt	15:20	16:20	17:20	18:20	19:12	20:12	21:12	22:12	-

Sunday & Public Holidays

	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	07:30	08:30	09:24	10:24	11:24	12:24	13:24	14:24	15:24
Nepean Hospital Derby St, Kingswood	07:35	08:35	09:31	10:31	11:31	12:31	13:31	14:31	15:31
Cadda Ridge Dr at Murcott Tce, Caddens	07:41	08:41	09:39	10:39	11:39	12:39	13:39	14:39	15:39
Caddens Rd at Galea St, Claremont Meadows	07:50	08:50	09:50	10:50	11:50	12:50	13:50	14:50	15:50
Myrtle Rd opp Massa Pl, Claremont Meadows	07:55	08:55	09:55	10:55	11:55	12:55	13:55	14:55	15:55
St Marys Interchange ARR	08:04	09:04	10:04	11:04	12:04	13:04	14:04	15:04	16:04
St Marys Interchange DEP	08:05	09:05	10:06	11:06	12:06	13:06	14:06	15:06	16:06
Belltrees Village, Great Western Hwy, St Marys	08:09	09:09	10:10	11:10	12:10	13:10	14:10	15:10	16:10
Brisbane St near Melbourne St, Oxley Park	08:14	09:14	10:15	11:15	12:15	13:15	14:15	15:15	16:15
Mount Druitt Station, Mount Druitt	08:25	09:25	10:26	11:26	12:26	13:26	14:26	15:26	16:26

Sunday & Public Holidays

	♿	♿	♿	♿	♿	♿
Penrith Station	16:24	17:24	18:29	19:29	20:29	21:29
Nepean Hospital Derby St, Kingswood	16:31	17:31	18:36	19:34	20:34	21:34
Cadda Ridge Dr at Murcott Tce, Caddens	16:39	17:39	18:44	19:42	20:40	21:40
Caddens Rd at Galea St, Claremont Meadows	16:50	17:50	18:55	19:52	20:49	21:49
Myrtle Rd opp Massa Pl, Claremont Meadows	16:55	17:55	19:00	19:57	20:53	21:53
St Marys Interchange ARR	17:04	18:04	19:09	20:05	21:00	22:00
St Marys Interchange DEP	17:06	18:06	19:11	20:06	-	-
Belltrees Village, Great Western Hwy, St Marys	17:10	18:10	19:15	20:10	-	-
Brisbane St near Melbourne St, Oxley Park	17:15	18:15	19:20	20:14	-	-
Mount Druitt Station, Mount Druitt	17:26	18:26	19:31	20:24	-	-

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Mount Druitt to Penrith via Nepean Hospital

B

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt	-	05:43	06:13	06:33	07:07	07:40	08:09	08:36	09:21
Brisbane St near Melbourne St, Oxley Park	-	05:49	06:19	06:40	07:14	07:47	08:17	08:44	09:29
Great Western Hwy at Fleming St, St Marys	-	05:53	06:23	06:45	07:19	07:52	08:24	08:51	09:35
St Marys Interchange	ARR	-	05:59	06:29	06:52	07:26	07:59	08:32	09:43
St Marys Interchange	DEP	04:59	06:00	06:30	06:54	07:28	08:01	08:34	09:45
Claremont Meadows Shopping Centre, Myrtle Rd, Claremont Meadows	05:05	06:06	06:36	07:01	07:35	08:08	08:41	09:08	09:52
Caddens Rd at Galea St, Claremont Meadows	05:08	06:09	06:39	07:04	07:38	08:11	08:45	09:12	09:56
Cadda Ridge Dr at Valencia St, Caddens	05:16	06:17	06:47	07:12	07:46	08:19	08:54	09:21	10:05
Nepean Hospital Derby St, Kingswood	05:22	06:23	06:53	07:19	07:53	08:26	09:01	09:28	10:12
Penrith Station	05:33	06:34	07:04	07:30	08:04	08:37	09:15	09:42	10:25

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt	09:51	10:21	10:51	11:21	11:51	12:21	12:51	13:21	13:51
Brisbane St near Melbourne St, Oxley Park	09:59	10:29	10:59	11:29	11:59	12:29	12:59	13:29	13:59
Great Western Hwy at Fleming St, St Marys	10:05	10:35	11:05	11:35	12:05	12:35	13:05	13:35	14:05
St Marys Interchange	ARR	10:13	10:43	11:13	11:43	12:13	12:43	13:13	14:13
St Marys Interchange	DEP	10:15	10:45	11:15	11:45	12:15	12:45	13:15	14:15
Claremont Meadows Shopping Centre, Myrtle Rd, Claremont Meadows	10:22	10:52	11:22	11:52	12:22	12:52	13:22	13:52	14:22
Caddens Rd at Galea St, Claremont Meadows	10:26	10:56	11:26	11:56	12:26	12:56	13:26	13:56	14:26
Cadda Ridge Dr at Valencia St, Caddens	10:35	11:05	11:35	12:05	12:35	13:05	13:35	14:05	14:35
Nepean Hospital Derby St, Kingswood	10:42	11:12	11:42	12:12	12:42	13:12	13:42	14:12	14:42
Penrith Station	10:55	11:25	11:55	12:25	12:55	13:25	13:55	14:25	14:55

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt	14:21	14:47	15:24	15:46	16:21	16:54	17:21	17:53	18:23
Brisbane St near Melbourne St, Oxley Park	14:29	14:57	15:34	15:56	16:30	17:03	17:30	18:02	18:30
Great Western Hwy at Fleming St, St Marys	14:35	15:04	15:41	16:03	16:36	17:09	17:36	18:08	18:36
St Marys Interchange	ARR	14:43	15:12	15:48	16:11	16:44	17:17	17:44	18:44
St Marys Interchange	DEP	14:45	15:14	15:50	16:13	16:46	17:19	17:46	18:46
Claremont Meadows Shopping Centre, Myrtle Rd, Claremont Meadows	14:52	15:21	15:57	16:20	16:53	17:26	17:53	18:25	18:53
Caddens Rd at Galea St, Claremont Meadows	14:56	15:25	16:01	16:24	16:56	17:29	17:56	18:28	18:56
Cadda Ridge Dr at Valencia St, Caddens	15:05	15:32	16:09	16:31	17:03	17:36	18:03	18:35	19:03
Nepean Hospital Derby St, Kingswood	15:12	15:39	16:16	16:38	17:09	17:42	18:09	18:41	19:09
Penrith Station	15:25	15:51	16:28	16:50	17:21	17:54	18:21	18:53	19:19

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt	18:54	19:27	19:51	20:11	20:41	21:24	22:24	23:26	
Brisbane St near Melbourne St, Oxley Park	19:01	19:34	19:58	20:18	20:48	21:31	22:31	23:33	
Great Western Hwy at Fleming St, St Marys	19:07	19:40	20:04	20:24	20:54	21:37	22:37	23:39	
St Marys Interchange	ARR	19:15	19:48	20:10	20:30	21:00	21:43	23:45	
St Marys Interchange	DEP	19:17	19:50	20:12	20:31	21:01	21:44	23:46	
Claremont Meadows Shopping Centre, Myrtle Rd, Claremont Meadows	19:24	19:57	20:18	20:37	21:07	21:50	22:50	23:52	
Caddens Rd at Galea St, Claremont Meadows	19:27	20:00	20:21	20:40	21:10	21:53	22:53	23:55	
Cadda Ridge Dr at Valencia St, Caddens	19:34	20:07	20:28	20:47	21:17	22:00	23:00	00:02	
Nepean Hospital Derby St, Kingswood	19:40	20:13	20:34	20:53	21:23	22:06	23:06	00:08	
Penrith Station	19:50	20:23	20:43	21:02	21:32	22:15	23:15	00:17	

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Mount Druitt to Penrith via Nepean Hospital

B

Saturday

	♿	♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt	06:57	08:09	09:16	10:16	11:16	12:16	13:16	14:16	15:16
Brisbane St near Melbourne St, Oxley Park	07:04	08:16	09:24	10:24	11:24	12:24	13:24	14:24	15:24
Great Western Hwy at Fleming St, St Marys	07:09	08:21	09:30	10:30	11:30	12:30	13:30	14:30	15:30
St Marys Interchange	ARR 07:16	08:28	09:38	10:38	11:38	12:38	13:38	14:38	15:38
St Marys Interchange	DEP 07:18	08:30	09:40	10:40	11:40	12:40	13:40	14:40	15:40
Claremont Meadows Shopping Centre, Myrtle Rd, Claremont Meadows	07:25	08:37	09:47	10:47	11:47	12:47	13:47	14:47	15:47
Caddens Rd at Galea St, Claremont Meadows	07:28	08:40	09:51	10:51	11:51	12:51	13:51	14:51	15:51
Cadda Ridge Dr at Valencia St, Caddens	07:36	08:48	09:59	10:59	11:59	12:59	13:59	14:59	15:59
Nepean Hospital Derby St, Kingswood	07:43	08:55	10:06	11:06	12:06	13:06	14:06	15:06	16:06
Penrith Station	07:54	09:06	10:18	11:18	12:18	13:18	14:18	15:18	16:18

Saturday

	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt	16:16	17:16	18:16	19:16	20:16	21:16	22:16
Brisbane St near Melbourne St, Oxley Park	16:24	17:24	18:24	19:23	20:23	21:23	22:23
Great Western Hwy at Fleming St, St Marys	16:30	17:30	18:30	19:29	20:29	21:29	22:29
St Marys Interchange	ARR 16:38	17:38	18:38	19:37	20:37	21:37	22:37
St Marys Interchange	DEP 16:40	17:40	18:40	19:39	20:39	21:39	22:39
Claremont Meadows Shopping Centre, Myrtle Rd, Claremont Meadows	16:47	17:47	18:47	19:46	20:46	21:46	22:46
Caddens Rd at Galea St, Claremont Meadows	16:51	17:51	18:51	19:49	20:49	21:49	22:49
Cadda Ridge Dr at Valencia St, Caddens	16:59	17:59	18:59	19:56	20:56	21:56	22:56
Nepean Hospital Derby St, Kingswood	17:06	18:06	19:06	20:02	21:02	22:02	23:02
Penrith Station	17:18	18:18	19:18	20:12	21:12	22:12	23:12

Sunday & Public Holidays

	♿	♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt	-	08:33	09:33	10:33	11:33	12:33	13:33	14:33	15:33
Brisbane St near Melbourne St, Oxley Park	-	08:41	09:41	10:41	11:41	12:41	13:41	14:41	15:41
Great Western Hwy at Fleming St, St Marys	-	08:47	09:47	10:47	11:47	12:47	13:47	14:47	15:47
St Marys Interchange	ARR -	08:55	09:55	10:55	11:55	12:55	13:55	14:55	15:55
St Marys Interchange	DEP 07:51	08:57	09:57	10:57	11:57	12:57	13:57	14:57	15:57
Claremont Meadows Shopping Centre, Myrtle Rd, Claremont Meadows	07:57	09:04	10:04	11:04	12:04	13:04	14:04	15:04	16:04
Caddens Rd at Galea St, Claremont Meadows	08:00	09:08	10:08	11:08	12:08	13:08	14:08	15:08	16:08
Cadda Ridge Dr at Valencia St, Caddens	08:08	09:16	10:16	11:16	12:16	13:16	14:16	15:16	16:16
Nepean Hospital Derby St, Kingswood	08:14	09:23	10:23	11:23	12:23	13:23	14:23	15:23	16:23
Penrith Station	08:23	09:35	10:35	11:35	12:35	13:35	14:35	15:35	16:35

Sunday & Public Holidays

	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt	16:33	17:33	18:28	19:28	20:28	-
Brisbane St near Melbourne St, Oxley Park	16:41	17:41	18:35	19:35	20:35	-
Great Western Hwy at Fleming St, St Marys	16:47	17:47	18:41	19:41	20:41	-
St Marys Interchange	ARR 16:55	17:55	18:49	19:49	20:49	-
St Marys Interchange	DEP 16:57	17:57	18:51	19:51	20:51	22:02
Claremont Meadows Shopping Centre, Myrtle Rd, Claremont Meadows	17:04	18:04	18:58	19:58	20:58	22:09
Caddens Rd at Galea St, Claremont Meadows	17:08	18:08	19:01	20:01	21:01	22:12
Cadda Ridge Dr at Valencia St, Caddens	17:16	18:16	19:08	20:08	21:08	22:19
Nepean Hospital Derby St, Kingswood	17:23	18:23	19:14	20:14	21:14	22:25
Penrith Station	17:35	18:35	19:24	20:24	21:24	22:35

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Mount Druitt to Penrith via Erskine Park

B

How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

For the most up-to-date times, use the Trip Planner or Departures on transportsw.info

Real-time planning


You can plan your trip with real-time information using the Trip Planner or Departures on transportsw.info or by downloading travel apps on your smartphone or tablet.

The Trip Planner, Departures and travel apps offer various features:

- favourite your regular trips
- see where your service is on the route
- get estimated pick up and arrival times
- receive service updates
- find nearby stations, stops, wharves and routes
- check accessibility information

Find the latest apps at transportsw.info/apps

Accessible services

All new buses are wheelchair-accessible with low-level floors and space for wheelchairs, prams or strollers. Look for the  symbol in this timetable. Some older buses may not have all the features you need. There will be more accessible services as older buses are replaced.

Who is providing my bus services?

The bus services shown in this timetable are run by Busways Western Sydney.

Fares

In Sydney and surrounding regions, fares are based on:

- the distance you travel from tap on to tap off
- the mode of transport you choose
- whether you're eligible for a concession fare or free travel
- any Opal benefits such as discounts and capped fares that apply

You can use an Opal card or a contactless payment to pay for your travel.

Opal cards

An Opal card is a smartcard you keep and reuse. Add value before you travel and tap on and tap off to pay your fares throughout Sydney, the Blue Mountains, Central Coast, the Hunter and the Illawarra.

Which Opal card is right for you?


Adult - Customers 16 years and over who are not entitled to any concessions and normally pay full fare.

Child/Youth - For customers aged 4-15 (inclusive), or customers 16 years or older who hold a NSW/ACT Senior Secondary Student Concession Card.

Gold Senior/Pensioner - For eligible NSW and interstate seniors, pensioners, war widows/ers and asylum seekers.

Concession - For eligible tertiary students, job seekers, apprentices and trainees.

How to get an Opal card

You can get an Adult or Child/Youth Opal card over the counter at Opal retailers that display the Opal sign . To find your nearest retailer visit transportsw.info/opal.

If you are eligible to travel with concession fares you can apply for a Gold Senior/Pensioner or Concession Opal card online. Visit transportsw.info/opal for more information.

Contactless payments

If you have an American Express, Mastercard, Visa card or linked device, you can use it to pay for all public transport on the Opal network. Just make sure to tap on and tap off at Opal readers at the beginning and end of your trip.

Always separate your cards when you tap on and tap off so your preferred card is charged.

You will receive the same travel benefits of an Adult Opal card when you tap on and tap off consistently with the same credit card, debit card or linked device. This includes daily, weekly and Sunday travel caps, and a \$2 transfer discount when you change between metro/train, ferry, bus or light rail services within 60 minutes. Adult Opal fare pricing applies.

Find out more at transportsw.info/contactless

Explanation of definitions and symbols



Wheelchair Accessible



Bus operates public school holidays only

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Penrith to Mount Druitt via Erskine Park

B

Valid from: 19 Dec 2019

Creation date: 12 Dec 2019

NOTE: Information is correct on date of download.

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	-	-	-	05:56	06:30	06:59	07:25	07:56	08:36
Nepean Hospital Derby St, Kingswood	-	-	-	06:01	06:35	07:04	07:30	08:01	08:45
Second Ave at Morphett St, Kingswood	-	-	-	06:04	06:38	07:07	07:33	08:04	08:49
Great Western Hwy after Water St, Werrington	-	-	-	06:07	06:41	07:10	07:36	08:07	08:53
St Marys Interchange	ARR	-	-	06:14	06:48	07:17	07:43	08:14	09:00
St Marys Interchange	DEP	-	-	06:15	06:49	07:19	07:45	08:16	09:02
St Marys RSL Mamre Rd, St Marys	-	-	-	06:20	06:54	07:25	07:51	08:21	09:07
St Clair Av near Banks Dr, St Clair	-	-	-	06:22	06:56	07:27	07:53	08:23	09:09
St Clair Shopping Centre Bennett Rd, St Clair	-	-	-	06:26	07:02	07:33	07:59	08:29	09:15
Peppertree Dr near Dilga Cr, Erskine Park	05:08	05:38	06:14	06:29	07:06	07:37	08:03	08:33	09:19
Swallow Dr near Peppertree Dr, Erskine Park	05:12	05:42	06:18	06:35	07:12	07:43	08:09	08:39	09:23
Roper Rd opp Carlisle Ave, Colyton	05:16	05:46	06:22	06:40	07:17	07:49	08:15	08:45	09:28
Mount Druitt Station, Mount Druitt	05:24	05:54	06:30	06:49	07:26	07:59	08:25	08:56	09:38

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	09:06	09:36	10:06	10:36	11:06	11:36	12:06	12:36	13:06
Nepean Hospital Derby St, Kingswood	09:15	09:45	10:15	10:45	11:15	11:45	12:15	12:45	13:15
Second Ave at Morphett St, Kingswood	09:19	09:49	10:19	10:49	11:19	11:49	12:19	12:49	13:19
Great Western Hwy after Water St, Werrington	09:23	09:53	10:23	10:53	11:23	11:53	12:23	12:53	13:23
St Marys Interchange	ARR	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00
St Marys Interchange	DEP	09:32	10:02	10:32	11:02	11:32	12:02	12:32	13:02
St Marys RSL Mamre Rd, St Marys	09:37	10:07	10:37	11:07	11:37	12:07	12:37	13:07	13:37
St Clair Av near Banks Dr, St Clair	09:39	10:09	10:39	11:09	11:39	12:09	12:39	13:09	13:39
St Clair Shopping Centre Bennett Rd, St Clair	09:45	10:15	10:45	11:15	11:45	12:15	12:45	13:15	13:45
Peppertree Dr near Dilga Cr, Erskine Park	09:49	10:19	10:49	11:19	11:49	12:19	12:49	13:19	13:49
Swallow Dr near Peppertree Dr, Erskine Park	09:53	10:23	10:53	11:23	11:53	12:23	12:53	13:23	13:53
Roper Rd opp Carlisle Ave, Colyton	09:58	10:28	10:58	11:28	11:58	12:28	12:58	13:28	13:58
Mount Druitt Station, Mount Druitt	10:08	10:38	11:08	11:38	12:08	12:38	13:08	13:38	14:08

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Service Information		H	H	H	H	H	H	H	H
Penrith Station	13:36	14:13	14:35	15:08	15:38	16:00	16:20	16:40	17:10
Nepean Hospital Derby St, Kingswood	13:45	14:22	14:43	15:17	15:47	16:09	16:29	16:49	17:19
Second Ave at Morphett St, Kingswood	13:49	14:26	14:48	15:21	15:52	16:13	16:33	16:53	17:23
Great Western Hwy after Water St, Werrington	13:53	14:30	14:52	15:25	15:58	16:17	16:37	16:57	17:27
St Marys Interchange	ARR	14:00	14:37	15:00	15:33	16:07	16:26	16:45	17:05
St Marys Interchange	DEP	14:02	14:39	15:05	15:35	16:09	16:28	16:47	17:07
St Marys RSL Mamre Rd, St Marys	14:07	14:44	15:11	15:41	16:15	16:34	16:53	17:13	17:43
St Clair Av near Banks Dr, St Clair	14:09	14:46	15:13	15:43	16:17	16:36	16:56	17:16	17:46
St Clair Shopping Centre Bennett Rd, St Clair	14:15	14:52	15:19	15:49	16:23	16:42	17:02	17:22	17:52
Peppertree Dr near Dilga Cr, Erskine Park	14:19	14:56	15:23	15:53	16:27	16:46	17:06	17:26	17:56
Swallow Dr near Peppertree Dr, Erskine Park	14:23	15:00	15:29	15:57	16:31	16:50	17:10	17:30	17:59
Roper Rd opp Carlisle Ave, Colyton	14:28	15:05	15:34	16:02	16:36	16:55	17:14	17:34	18:03
Mount Druitt Station, Mount Druitt	14:38	15:15	15:44	16:12	16:46	17:05	17:24	17:44	18:13

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Penrith to Mount Druitt via Erskine Park

B

Monday to Friday

	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	17:40	18:10	18:41	19:11	19:41	20:22	21:22	22:22	23:24
Nepean Hospital Derby St, Kingswood	17:49	18:17	18:48	19:18	19:48	20:27	21:27	22:27	23:29
Second Ave at Morphett St, Kingswood	17:53	18:20	18:51	19:21	19:51	20:30	21:30	22:30	23:32
Great Western Hwy after Water St, Werrington	17:57	18:24	18:55	19:24	19:54	20:33	21:33	22:33	23:35
St Marys Interchange	ARR 18:05	18:31	19:02	19:30	20:00	20:39	21:39	22:39	23:41
St Marys Interchange	DEP 18:07	18:33	19:04	19:32	20:02	20:40	21:40	22:40	-
St Marys RSL Mamre Rd, St Marys	18:13	18:38	19:09	19:37	20:07	20:45	21:45	22:45	-
St Clair Av near Banks Dr, St Clair	18:16	18:40	19:11	19:39	20:09	20:47	21:47	22:47	-
St Clair Shopping Centre Bennett Rd, St Clair	18:22	18:46	19:17	19:45	20:15	20:52	21:52	22:52	-
Peppertree Dr near Dilga Cr, Erskine Park	18:26	18:49	19:20	19:48	20:18	20:55	21:55	22:55	-
Swallow Dr near Peppertree Dr, Erskine Park	18:29	18:52	19:23	19:51	20:21	20:58	21:58	22:58	-
Roper Rd opp Carlisle Ave, Colyton	18:33	18:56	19:27	19:55	20:25	21:01	22:01	23:01	-
Mount Druitt Station, Mount Druitt	18:43	19:05	19:36	20:04	20:34	21:09	22:09	23:09	-

Saturday

	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	07:11	08:11	09:03	10:03	11:03	12:03	13:03	14:03	15:03
Nepean Hospital Derby St, Kingswood	07:16	08:16	09:10	10:10	11:10	12:10	13:10	14:10	15:10
Second Ave at Morphett St, Kingswood	07:20	08:20	09:13	10:13	11:13	12:13	13:13	14:13	15:13
Great Western Hwy after Water St, Werrington	07:23	08:23	09:17	10:17	11:17	12:17	13:17	14:17	15:17
St Marys Interchange	ARR 07:30	08:30	09:25	10:25	11:25	12:25	13:25	14:25	15:25
St Marys Interchange	DEP 07:31	08:31	09:27	10:27	11:27	12:27	13:27	14:27	15:27
St Marys RSL Mamre Rd, St Marys	07:35	08:35	09:32	10:32	11:32	12:32	13:32	14:32	15:32
St Clair Av near Banks Dr, St Clair	07:37	08:37	09:34	10:34	11:34	12:34	13:34	14:34	15:34
St Clair Shopping Centre Bennett Rd, St Clair	07:43	08:43	09:40	10:40	11:40	12:40	13:40	14:40	15:40
Peppertree Dr near Dilga Cr, Erskine Park	07:45	08:45	09:44	10:44	11:44	12:44	13:44	14:44	15:44
Swallow Dr near Peppertree Dr, Erskine Park	07:50	08:50	09:49	10:49	11:49	12:49	13:49	14:49	15:49
Roper Rd opp Carlisle Ave, Colyton	07:54	08:54	09:53	10:53	11:53	12:53	13:53	14:53	15:53
Mount Druitt Station, Mount Druitt	08:03	09:03	10:03	11:03	12:03	13:03	14:03	15:03	16:03


Saturday

	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	16:03	17:03	17:59	18:59	19:59	20:59	21:59	22:59	-
Nepean Hospital Derby St, Kingswood	16:10	17:10	18:04	19:04	20:04	21:04	22:04	23:04	-
Second Ave at Morphett St, Kingswood	16:13	17:13	18:07	19:07	20:07	21:07	22:06	23:06	-
Great Western Hwy after Water St, Werrington	16:17	17:17	18:11	19:11	20:11	21:11	22:10	23:10	-
St Marys Interchange	ARR 16:25	17:25	18:18	19:18	20:18	21:18	22:16	23:16	-
St Marys Interchange	DEP 16:27	17:27	18:19	19:19	20:19	21:19	22:17	-	-
St Marys RSL Mamre Rd, St Marys	16:32	17:32	18:24	19:24	20:24	21:24	22:21	-	-
St Clair Av near Banks Dr, St Clair	16:34	17:34	18:26	19:26	20:26	21:26	22:23	-	-
St Clair Shopping Centre Bennett Rd, St Clair	16:40	17:40	18:31	19:31	20:31	21:31	22:28	-	-
Peppertree Dr near Dilga Cr, Erskine Park	16:44	17:44	18:34	19:34	20:34	21:34	22:31	-	-
Swallow Dr near Peppertree Dr, Erskine Park	16:49	17:49	18:38	19:38	20:38	21:38	22:35	-	-
Roper Rd opp Carlisle Ave, Colyton	16:53	17:53	18:42	19:42	20:42	21:42	22:39	-	-
Mount Druitt Station, Mount Druitt	17:03	18:03	18:50	19:50	20:50	21:50	22:46	-	-

Sunday & Public Holidays

	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	08:10	09:10	10:10	11:10	12:10	13:10	14:10	15:10	16:10
Nepean Hospital Derby St, Kingswood	08:15	09:17	10:17	11:17	12:17	13:17	14:17	15:17	16:17
Second Ave at Morphett St, Kingswood	08:18	09:20	10:20	11:20	12:20	13:20	14:20	15:20	16:20
Great Western Hwy after Water St, Werrington	08:22	09:24	10:24	11:24	12:24	13:24	14:24	15:24	16:24
St Marys Interchange	ARR 08:28	09:32	10:32	11:32	12:32	13:32	14:32	15:32	16:32
St Marys Interchange	DEP 08:34	09:34	10:34	11:34	12:34	13:34	14:34	15:34	16:34
St Marys RSL Mamre Rd, St Marys	08:39	09:39	10:39	11:39	12:39	13:39	14:39	15:39	16:39
St Clair Av near Banks Dr, St Clair	08:41	09:41	10:41	11:41	12:41	13:41	14:41	15:41	16:41
St Clair Shopping Centre Bennett Rd, St Clair	08:47	09:47	10:47	11:47	12:47	13:47	14:47	15:47	16:47
Peppertree Dr near Dilga Cr, Erskine Park	08:51	09:51	10:51	11:51	12:51	13:51	14:51	15:51	16:51
Swallow Dr near Peppertree Dr, Erskine Park	08:56	09:56	10:56	11:56	12:56	13:56	14:56	15:56	16:56
Roper Rd opp Carlisle Ave, Colyton	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00
Mount Druitt Station, Mount Druitt	09:10	10:10	11:10	12:10	13:10	14:10	15:10	16:10	17:10

775**Penrith to Mount Druitt via Erskine Park****B****Sunday & Public Holidays**

					
Penrith Station	17:10	18:14	19:14	20:17	21:17
Nepean Hospital Derby St, Kingswood	17:17	18:21	19:19	20:22	21:22
Second Ave at Morphett St, Kingswood	17:20	18:24	19:22	20:25	21:25
Great Western Hwy after Water St, Werrington	17:24	18:28	19:26	20:29	21:29
St Marys Interchange	ARR 17:32	18:36	19:32	20:35	21:35
St Marys Interchange	DEP 17:34	18:38	19:35	20:38	-
St Marys RSL Mamre Rd, St Marys	17:38	18:42	19:39	20:42	-
St Clair Av near Banks Dr, St Clair	17:40	18:44	19:41	20:44	-
St Clair Shopping Centre Bennett Rd, St Clair	17:45	18:49	19:46	20:49	-
Peppertree Dr near Dilga Cr, Erskine Park	17:48	18:52	19:49	20:52	-
Swallow Dr near Peppertree Dr, Erskine Park	17:52	18:56	19:53	20:56	-
Roper Rd opp Carlisle Ave, Colyton	17:55	18:59	19:56	20:59	-
Mount Druitt Station, Mount Druitt	18:03	19:07	20:04	21:07	-

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Mount Druitt to Penrith via Erskine Park

B

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt	-	-	-	06:01	06:31	06:58	07:35	08:02	08:27
Roper Rd after Carlisle Ave, Colyton	-	-	-	06:05	06:35	07:03	07:40	08:09	08:34
Swallow Dr near Peppertree Dr, Erskine Park	-	-	-	06:07	06:37	07:05	07:42	08:12	08:37
Peppertree Dr near Dilga Cr, Erskine Park	04:48	05:16	05:40	06:10	06:40	07:09	07:46	08:16	08:41
St Clair Shopping Centre Bennett Rd, St Clair	04:51	05:19	05:43	06:13	06:43	07:13	07:50	08:20	08:45
St Clair Av near Banks Dr, St Clair	04:55	05:23	05:49	06:19	06:49	07:21	07:58	08:28	08:53
St Marys RSL Mamre Rd, St Marys	04:59	05:27	05:54	06:24	06:54	07:26	08:03	08:33	08:58
St Marys Interchange	ARR	05:05	05:33	06:01	06:31	07:02	07:34	08:12	09:07
St Marys Interchange	DEP	05:06	05:34	06:02	06:32	07:04	07:36	08:14	09:09
Great Western Hwy opp Water St, Claremont Meadows	05:10	05:38	06:07	06:37	07:09	07:41	08:19	08:49	09:14
Second Ave after O'Connell St, Kingswood	05:12	05:40	06:09	06:39	07:11	07:44	08:22	08:52	09:17
Nepean Hospital Derby St, Kingswood	05:16	05:44	06:14	06:44	07:16	07:49	08:27	08:58	09:23
Penrith Station	05:25	05:53	06:24	06:54	07:26	08:00	08:38	09:11	09:36

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt	08:57	09:27	09:57	10:27	10:57	11:27	11:57	12:27	12:57
Roper Rd after Carlisle Ave, Colyton	09:04	09:34	10:04	10:34	11:04	11:34	12:04	12:34	13:04
Swallow Dr near Peppertree Dr, Erskine Park	09:07	09:37	10:07	10:37	11:07	11:37	12:07	12:37	13:07
Peppertree Dr near Dilga Cr, Erskine Park	09:11	09:41	10:11	10:41	11:11	11:41	12:11	12:41	13:11
St Clair Shopping Centre Bennett Rd, St Clair	09:15	09:45	10:15	10:45	11:15	11:45	12:15	12:45	13:15
St Clair Av near Banks Dr, St Clair	09:21	09:51	10:21	10:51	11:21	11:51	12:21	12:51	13:21
St Marys RSL Mamre Rd, St Marys	09:25	09:55	10:25	10:55	11:25	11:55	12:25	12:55	13:25
St Marys Interchange	ARR	09:34	10:04	10:34	11:04	11:34	12:04	12:34	13:04
St Marys Interchange	DEP	09:36	10:06	10:36	11:06	11:36	12:06	12:36	13:06
Great Western Hwy opp Water St, Claremont Meadows	09:41	10:11	10:41	11:11	11:41	12:11	12:41	13:11	13:41
Second Ave after O'Connell St, Kingswood	09:44	10:14	10:44	11:14	11:44	12:14	12:44	13:14	13:44
Nepean Hospital Derby St, Kingswood	09:49	10:19	10:49	11:19	11:49	12:19	12:49	13:19	13:49
Penrith Station	10:02	10:32	11:02	11:32	12:02	12:32	13:02	13:32	14:02

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Service Information		H	H		H				
Mount Druitt Station, Mount Druitt	13:32	14:19	14:49	15:03	15:44	16:01	16:24	16:58	17:32
Roper Rd after Carlisle Ave, Colyton	13:39	14:27	14:56	15:14	15:54	16:10	16:33	17:07	17:38
Swallow Dr near Peppertree Dr, Erskine Park	13:42	14:31	14:59	15:18	15:56	16:13	16:36	17:10	17:41
Peppertree Dr near Dilga Cr, Erskine Park	13:46	14:35	15:03	15:23	16:01	16:18	16:41	17:15	17:46
St Clair Shopping Centre Bennett Rd, St Clair	13:50	14:40	15:07	15:27	16:05	16:22	16:45	17:19	17:50
St Clair Av near Banks Dr, St Clair	13:56	14:44	15:13	15:33	16:10	16:27	16:50	17:24	17:55
St Marys RSL Mamre Rd, St Marys	14:00	14:48	15:17	15:37	16:14	16:31	16:54	17:28	17:59
St Marys Interchange	ARR	14:09	14:57	15:26	15:46	16:20	16:39	17:02	17:36
St Marys Interchange	DEP	14:11	14:59	15:28	15:48	16:22	16:41	17:04	17:38
Great Western Hwy opp Water St, Claremont Meadows	14:16	15:04	15:33	15:55	16:30	16:47	17:10	17:44	18:15
Second Ave after O'Connell St, Kingswood	14:19	15:07	15:36	15:58	16:34	16:50	17:13	17:47	18:18
Nepean Hospital Derby St, Kingswood	14:24	15:12	15:42	16:04	16:40	16:55	17:18	17:52	18:23
Penrith Station	14:37	15:24	15:54	16:15	16:51	17:06	17:29	18:03	18:34

775

Mount Druitt to Penrith via Erskine Park

B

Monday to Friday		♿	♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt		17:58	18:28	18:55	19:24	19:52	20:20	21:20	22:20	-
Roper Rd after Carlisle Ave, Colyton		18:04	18:34	19:01	19:30	19:58	20:24	21:24	22:24	-
Swallow Dr near Peppertree Dr, Erskine Park		18:07	18:37	19:04	19:33	20:01	20:27	21:27	22:27	-
Peppertree Dr near Dilga Cr, Erskine Park		18:11	18:41	19:08	19:37	20:05	20:30	21:30	22:30	-
St Clair Shopping Centre Bennett Rd, St Clair		18:14	18:44	19:11	19:40	20:08	20:33	21:33	22:33	-
St Clair Av near Banks Dr, St Clair		18:18	18:48	19:15	19:44	20:12	20:37	21:37	22:37	-
St Marys RSL Mamre Rd, St Marys		18:20	18:50	19:17	19:46	20:14	20:39	21:39	22:39	-
St Marys Interchange	ARR	18:27	18:57	19:24	19:52	20:20	20:45	21:45	22:45	-
St Marys Interchange	DEP	18:29	18:59	19:26	19:54	20:22	20:46	21:46	22:46	23:46
Great Western Hwy opp Water St, Claremont Meadows		18:34	19:04	19:31	19:57	20:25	20:49	21:49	22:49	23:49
Second Ave after O'Connell St, Kingswood		18:36	19:06	19:33	19:59	20:27	20:51	21:51	22:51	23:51
Nepean Hospital Derby St, Kingswood		18:41	19:11	19:38	20:03	20:31	20:55	21:55	22:55	23:55
Penrith Station		18:51	19:21	19:48	20:12	20:40	21:04	22:04	23:04	00:04
Saturday		♿	♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt		06:28	07:18	08:18	09:07	10:07	11:07	12:07	13:07	14:07
Roper Rd after Carlisle Ave, Colyton		06:32	07:22	08:22	09:13	10:13	11:13	12:13	13:13	14:13
Swallow Dr near Peppertree Dr, Erskine Park		06:35	07:25	08:25	09:16	10:16	11:16	12:16	13:16	14:16
Peppertree Dr near Dilga Cr, Erskine Park		06:39	07:29	08:29	09:20	10:20	11:20	12:20	13:20	14:20
St Clair Shopping Centre Bennett Rd, St Clair		06:42	07:32	08:32	09:23	10:23	11:23	12:23	13:23	14:23
St Clair Av near Banks Dr, St Clair		06:47	07:37	08:37	09:29	10:29	11:29	12:29	13:29	14:29
St Marys RSL Mamre Rd, St Marys		06:50	07:40	08:40	09:33	10:33	11:33	12:33	13:33	14:33
St Marys Interchange	ARR	06:57	07:47	08:47	09:40	10:40	11:40	12:40	13:40	14:40
St Marys Interchange	DEP	-	07:48	08:48	09:42	10:42	11:42	12:42	13:42	14:42
Great Western Hwy opp Water St, Claremont Meadows		-	07:52	08:52	09:48	10:48	11:48	12:48	13:48	14:48
Second Ave after O'Connell St, Kingswood		-	07:54	08:54	09:51	10:51	11:51	12:51	13:51	14:51
Nepean Hospital Derby St, Kingswood		-	07:58	08:58	09:56	10:56	11:56	12:56	13:56	14:56
Penrith Station		-	08:08	09:08	10:08	11:08	12:08	13:08	14:08	15:08
Saturday		♿	♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt		15:07	16:07	17:12	18:12	19:12	20:12	21:12	22:12	
Roper Rd after Carlisle Ave, Colyton		15:13	16:13	17:18	18:18	19:18	20:18	21:17	22:17	
Swallow Dr near Peppertree Dr, Erskine Park		15:16	16:16	17:21	18:21	19:21	20:21	21:19	22:19	
Peppertree Dr near Dilga Cr, Erskine Park		15:20	16:20	17:25	18:25	19:25	20:25	21:23	22:23	
St Clair Shopping Centre Bennett Rd, St Clair		15:23	16:23	17:28	18:28	19:28	20:28	21:26	22:26	
St Clair Av near Banks Dr, St Clair		15:29	16:29	17:34	18:34	19:32	20:32	21:30	22:30	
St Marys RSL Mamre Rd, St Marys		15:33	16:33	17:38	18:38	19:36	20:36	21:34	22:34	
St Marys Interchange	ARR	15:40	16:40	17:45	18:45	19:43	20:43	21:40	22:40	
St Marys Interchange	DEP	15:42	16:42	17:47	18:47	19:44	20:44	21:41	22:41	
Great Western Hwy opp Water St, Claremont Meadows		15:48	16:48	17:53	18:53	19:49	20:49	21:44	22:44	
Second Ave after O'Connell St, Kingswood		15:51	16:51	17:56	18:56	19:52	20:52	21:46	22:46	
Nepean Hospital Derby St, Kingswood		15:56	16:56	18:01	19:01	19:57	20:57	21:51	22:51	
Penrith Station		16:08	17:08	18:13	19:13	20:06	21:06	21:59	22:59	
Sunday & Public Holidays		♿	♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt		-	08:19	09:14	10:14	11:14	12:14	13:14	14:14	15:14
Roper Rd after Carlisle Ave, Colyton		-	08:24	09:19	10:19	11:19	12:19	13:19	14:19	15:19
Swallow Dr near Peppertree Dr, Erskine Park		-	08:27	09:23	10:23	11:23	12:23	13:23	14:23	15:23
Peppertree Dr near Dilga Cr, Erskine Park		-	08:31	09:27	10:27	11:27	12:27	13:27	14:27	15:27
St Clair Shopping Centre Bennett Rd, St Clair		-	08:34	09:30	10:30	11:30	12:30	13:30	14:30	15:30
St Clair Av near Banks Dr, St Clair		-	08:40	09:36	10:36	11:36	12:36	13:36	14:36	15:36
St Marys RSL Mamre Rd, St Marys		-	08:44	09:40	10:40	11:40	12:40	13:40	14:40	15:40
St Marys Interchange	ARR	-	08:52	09:48	10:48	11:48	12:48	13:48	14:48	15:48
St Marys Interchange	DEP	07:54	08:54	09:49	10:49	11:49	12:49	13:49	14:49	15:49
Great Western Hwy opp Water St, Claremont Meadows		07:58	08:58	09:54	10:54	11:54	12:54	13:54	14:54	15:54
Second Ave after O'Connell St, Kingswood		08:00	09:00	09:57	10:57	11:57	12:57	13:57	14:57	15:57
Nepean Hospital Derby St, Kingswood		08:05	09:05	10:02	11:02	12:02	13:02	14:02	15:02	16:02
Penrith Station		08:14	09:14	10:14	11:14	12:14	13:14	14:14	15:14	16:14

775**Mount Druitt to Penrith via Erskine Park****B**

Sunday & Public Holidays						
Mount Druitt Station, Mount Druitt	16:14	17:14	18:14	19:14	-	-
Roper Rd after Carlisle Ave, Colyton	16:19	17:19	18:19	19:19	-	-
Swallow Dr near Peppertree Dr, Erskine Park	16:23	17:22	18:22	19:22	-	-
Peppertree Dr near Dilga Cr, Erskine Park	16:27	17:25	18:25	19:25	-	-
St Clair Shopping Centre Bennett Rd, St Clair	16:30	17:29	18:29	19:29	-	-
St Clair Av near Banks Dr, St Clair	16:36	17:34	18:34	19:34	-	-
St Marys RSL Mamre Rd, St Marys	16:40	17:36	18:36	19:36	-	-
St Marys Interchange ARR	16:48	17:43	18:43	19:43	-	-
St Marys Interchange DEP	16:49	17:45	18:45	19:45	20:45	21:45
Great Western Hwy opp Water St, Claremont Meadows	16:54	17:49	18:49	19:49	20:49	21:49
Second Ave after O'Connell St, Kingswood	16:57	17:51	18:51	19:51	20:51	21:51
Nepean Hospital Derby St, Kingswood	17:02	17:56	18:56	19:56	20:56	21:56
Penrith Station	17:14	18:05	19:05	20:05	21:05	22:05

How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

For the most up-to-date times, use the Trip Planner or Departures on transportsw.info

Real-time planning


You can plan your trip with real-time information using the Trip Planner or Departures on transportsw.info or by downloading travel apps on your smartphone or tablet.

The Trip Planner, Departures and travel apps offer various features:

- favourite your regular trips
- see where your service is on the route
- get estimated pick up and arrival times
- receive service updates
- find nearby stations, stops, wharves and routes
- check accessibility information

Find the latest apps at transportsw.info/apps

Accessible services

All new buses are wheelchair-accessible with low-level floors and space for wheelchairs, prams or strollers. Look for the  symbol in this timetable. Some older buses may not have all the features you need. There will be more accessible services as older buses are replaced.

Who is providing my bus services?

The bus services shown in this timetable are run by Busways Western Sydney.

Fares

In Sydney and surrounding regions, fares are based on:

- the distance you travel from tap on to tap off
- the mode of transport you choose
- whether you're eligible for a concession fare or free travel
- any Opal benefits such as discounts and capped fares that apply

You can use an Opal card or a contactless payment to pay for your travel.

Opal cards

An Opal card is a smartcard you keep and reuse. Add value before you travel and tap on and tap off to pay your fares throughout Sydney, the Blue Mountains, Central Coast, the Hunter and the Illawarra.

Which Opal card is right for you?

Adult - Customers 16 years and over who are not entitled to any concessions and normally pay full fare.

Child/Youth - For customers aged 4-15 (inclusive), or customers 16 years or older who hold a NSW/ACT Senior Secondary Student Concession Card.

Gold Senior/Pensioner - For eligible NSW and interstate seniors, pensioners, war widows/ers and asylum seekers.

Concession - For eligible tertiary students, job seekers, apprentices and trainees.

How to get an Opal card

You can get an Adult or Child/Youth Opal card over the counter at Opal retailers that display the Opal sign . To find your nearest retailer visit transportsw.info/opal.

If you are eligible to travel with concession fares you can apply for a Gold Senior/Pensioner or Concession Opal card online. Visit transportsw.info/opal for more information.

Contactless payments


If you have an American Express, Mastercard, Visa card or linked device, you can use it to pay for all public transport on the Opal network. Just make sure to tap on and tap off at Opal readers at the beginning and end of your trip.

Always separate your cards when you tap on and tap off so your preferred card is charged.

You will receive the same travel benefits of an Adult Opal card when you tap on and tap off consistently with the same credit card, debit card or linked device. This includes daily, weekly and Sunday travel caps, and a \$2 transfer discount when you change between metro/train, ferry, bus or light rail services within 60 minutes. Adult Opal fare pricing applies.

Find out more at transportsw.info/contactless

Explanation of definitions and symbols

	Wheelchair Accessible
H	Bus operates public school holidays only
E	Public school days bus operates through timing point 10 minutes earlier than time shown
G	Public school days bus operates through timing point 5 minutes earlier than time shown

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Penrith to Mount Druitt via St Clair

B

Valid from: 19 Dec 2019

Creation date: 12 Dec 2019

NOTE: Information is correct on date of download.

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	-	-	-	06:11	06:41	07:09	07:32	07:59	08:21
Nepean Hospital Derby St, Kingswood	-	-	-	06:16	06:46	07:14	07:40	08:08	08:30
Second Ave at Morphett St, Kingswood	-	-	-	06:19	06:49	07:17	07:43	08:12	08:34
Great Western Hwy after Water St, Werrington	-	-	-	06:22	06:52	07:20	07:48	08:16	08:38
St Marys Interchange	ARR	-	-	06:29	06:59	07:27	07:56	08:23	08:45
St Marys Interchange	DEP	05:10	05:40	06:14	06:30	07:00	07:28	07:58	08:25
St Marys RSL Mamre Rd, St Marys		05:13	05:43	06:17	06:33	07:03	07:31	08:03	08:30
Solander Dr opp Cameo Cres, St Clair		05:17	05:47	06:21	06:37	07:07	07:35	08:07	08:34
Blackwell Ave opp Blackwell Public School, St Clair		05:20	05:50	06:24	06:41	07:11	07:39	08:11	08:38
St Clair Shopping Centre Bennett Rd, St Clair		05:24	05:54	06:28	06:45	07:15	07:45	08:16	08:42
Colorado Dr at Explorers Way, St Clair		05:28	05:58	06:32	06:50	07:20	07:50	08:20	08:47
Roper Rd opp Carlisle Ave, Colyton		05:31	06:01	06:35	06:53	07:24	07:54	08:23	08:51
Mount Druitt Station, Mount Druitt		05:40	06:10	06:44	07:03	07:35	08:05	08:33	09:02

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station	08:51	09:21	09:51	10:21	10:51	11:21	11:51	12:21	12:51
Nepean Hospital Derby St, Kingswood	09:00	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00
Second Ave at Morphett St, Kingswood	09:04	09:34	10:04	10:34	11:04	11:34	12:04	12:34	13:04
Great Western Hwy after Water St, Werrington	09:08	09:38	10:08	10:38	11:08	11:38	12:08	12:38	13:08
St Marys Interchange	ARR	09:15	09:45	10:15	10:45	11:15	11:45	12:15	12:45
St Marys Interchange	DEP	09:17	09:47	10:17	10:47	11:17	11:47	12:17	12:47
St Marys RSL Mamre Rd, St Marys		09:22	09:52	10:22	10:52	11:22	11:52	12:22	12:52
Solander Dr opp Cameo Cres, St Clair		09:26	09:56	10:26	10:56	11:26	11:56	12:26	12:56
Blackwell Ave opp Blackwell Public School, St Clair		09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00
St Clair Shopping Centre Bennett Rd, St Clair		09:35	10:05	10:35	11:05	11:35	12:05	12:35	13:05
Colorado Dr at Explorers Way, St Clair		09:39	10:09	10:39	11:09	11:39	12:09	12:39	13:09
Roper Rd opp Carlisle Ave, Colyton		09:42	10:12	10:42	11:12	11:42	12:12	12:42	13:12
Mount Druitt Station, Mount Druitt		09:52	10:22	10:52	11:22	11:52	12:22	12:52	13:22

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Service Information					H		H		
Penrith Station	13:21	14:04	14:45	15:13	15:58	16:10	16:50	17:18	17:48
Nepean Hospital Derby St, Kingswood	13:30	14:13	14:54	15:22	16:07	16:19	16:59	17:27	17:57
Second Ave at Morphett St, Kingswood	13:34	14:17	14:59	15:26	16:11	16:23	17:03	17:31	18:01
Great Western Hwy after Water St, Werrington	13:38	14:21	15:05	15:30	16:15	16:27	17:07	17:35	18:05
St Marys Interchange	ARR	13:45	14:28	15:11	15:39	16:23	16:35	17:15	17:43
St Marys Interchange	DEP	13:47	14:30	15:13	15:41	16:26	16:38	17:18	17:46
St Marys RSL Mamre Rd, St Marys		13:52	14:35	15:19	15:46	16:31	16:43	17:23	17:51
Solander Dr opp Cameo Cres, St Clair		13:56	14:39	15:24	15:50	16:35	16:47	17:27	17:55
Blackwell Ave opp Blackwell Public School, St Clair		14:00	14:43	15:29	15:55	16:38	16:50	17:30	17:58
St Clair Shopping Centre Bennett Rd, St Clair		14:05	14:48	15:34	16:00	16:43	16:55	17:35	18:03
Colorado Dr at Explorers Way, St Clair		14:09	14:52	15:38	16:04	16:47	16:59	17:38	18:06
Roper Rd opp Carlisle Ave, Colyton		14:12	14:55	15:41	16:07	16:51	17:03	17:41	18:09
Mount Druitt Station, Mount Druitt		14:22	15:05	15:51	16:17	17:01	17:13	17:50	18:18

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Penrith to Mount Druitt via St Clair

B

Monday to Friday		♿	♿	♿	♿	♿	♿	♿		
Penrith Station		18:16	18:51	19:21	19:51	20:51	21:51	22:51		
Nepean Hospital Derby St, Kingswood		18:23	18:58	19:28	19:58	20:56	21:56	22:56		
Second Ave at Morphett St, Kingswood		18:26	19:01	19:31	20:01	20:59	21:59	22:59		
Great Western Hwy after Water St, Werrington		18:30	19:05	19:34	20:04	21:02	22:02	23:02		
St Marys Interchange	ARR	18:37	19:12	19:40	20:10	21:08	22:08	23:08		
St Marys Interchange	DEP	18:39	19:14	19:42	20:12	21:10	22:10	-		
St Marys RSL Mamre Rd, St Marys		18:44	19:19	19:47	20:17	21:14	22:14	-		
Solander Dr opp Cameo Cres, St Clair		18:48	19:23	19:50	20:20	21:17	22:17	-		
Blackwell Ave opp Blackwell Public School, St Clair		18:51	19:26	19:53	20:23	21:20	22:20	-		
St Clair Shopping Centre Bennett Rd, St Clair		18:56	19:31	19:57	20:27	21:24	22:24	-		
Colorado Dr at Explorers Way, St Clair		18:59	19:34	20:00	20:30	21:27	22:27	-		
Roper Rd opp Carlisle Ave, Colyton		19:02	19:37	20:03	20:33	21:30	22:30	-		
Mount Druitt Station, Mount Druitt		19:11	19:46	20:12	20:42	21:39	22:39	-		
Saturday		♿	♿	♿	♿	♿	♿	♿	♿	
Penrith Station		05:43	06:43	07:40	08:40	09:33	10:33	11:33	12:33	13:33
Nepean Hospital Derby St, Kingswood		05:48	06:48	07:45	08:45	09:40	10:40	11:40	12:40	13:40
Second Ave at Morphett St, Kingswood		05:52	06:52	07:49	08:49	09:43	10:43	11:43	12:43	13:43
Great Western Hwy after Water St, Werrington		05:55	06:55	07:52	08:52	09:47	10:47	11:47	12:47	13:47
St Marys Interchange	ARR	06:02	07:02	07:59	08:59	09:55	10:55	11:55	12:55	13:55
St Marys Interchange	DEP	-	07:04	08:00	09:00	09:57	10:57	11:57	12:57	13:57
St Marys RSL Mamre Rd, St Marys		-	07:07	08:04	09:04	10:02	11:02	12:02	13:02	14:02
Solander Dr opp Cameo Cres, St Clair		-	07:10	08:07	09:07	10:06	11:06	12:06	13:06	14:06
Blackwell Ave opp Blackwell Public School, St Clair		-	07:13	08:10	09:10	10:09	11:09	12:09	13:09	14:09
St Clair Shopping Centre Bennett Rd, St Clair		-	07:16	08:16	09:16	10:15	11:15	12:15	13:15	14:15
Colorado Dr at Explorers Way, St Clair		-	07:20	08:20	09:20	10:19	11:19	12:19	13:19	14:19
Roper Rd opp Carlisle Ave, Colyton		-	07:23	08:23	09:23	10:22	11:22	12:22	13:22	14:22
Mount Druitt Station, Mount Druitt		-	07:32	08:32	09:32	10:32	11:32	12:32	13:32	14:32
Saturday		♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station		14:33	15:33	16:33	17:33	18:33	19:33	20:33	21:33	22:33
Nepean Hospital Derby St, Kingswood		14:40	15:40	16:40	17:40	18:38	19:38	20:38	21:38	22:38
Second Ave at Morphett St, Kingswood		14:43	15:43	16:43	17:43	18:41	19:41	20:41	21:40	22:40
Great Western Hwy after Water St, Werrington		14:47	15:47	16:47	17:47	18:45	19:45	20:45	21:44	22:44
St Marys Interchange	ARR	14:55	15:55	16:55	17:55	18:52	19:52	20:52	21:50	22:50
St Marys Interchange	DEP	14:57	15:57	16:57	17:57	18:53	19:53	20:53	21:51	22:51
St Marys RSL Mamre Rd, St Marys		15:02	16:02	17:02	18:02	18:58	19:58	20:58	21:55	22:55
Solander Dr opp Cameo Cres, St Clair		15:06	16:06	17:06	18:06	19:01	20:01	21:01	21:58	22:58
Blackwell Ave opp Blackwell Public School, St Clair		15:09	16:09	17:09	18:09	19:04	20:04	21:04	22:01	23:01
St Clair Shopping Centre Bennett Rd, St Clair		15:15	16:15	17:15	18:15	19:08	20:08	21:08	22:05	23:05
Colorado Dr at Explorers Way, St Clair		15:19	16:19	17:19	18:19	19:12	20:12	21:12	22:08	23:08
Roper Rd opp Carlisle Ave, Colyton		15:22	16:22	17:22	18:22	19:15	20:15	21:15	22:10	23:10
Mount Druitt Station, Mount Druitt		15:32	16:32	17:32	18:32	19:23	20:23	21:23	22:17	23:17
Saturday		♿								
Penrith Station		23:33								
Nepean Hospital Derby St, Kingswood		23:38								
Second Ave at Morphett St, Kingswood		23:42								
Great Western Hwy after Water St, Werrington		23:45								
St Marys Interchange	ARR	23:52								

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Penrith to Mount Druitt via St Clair

B

Sunday & Public Holidays		♿	♿	♿	♿	♿	♿	♿	♿	♿
Penrith Station		07:40	08:40	09:40	10:40	11:40	12:40	13:40	14:40	15:40
Nepean Hospital Derby St, Kingswood		07:47	08:47	09:47	10:47	11:47	12:47	13:47	14:47	15:47
Second Ave at Morphett St, Kingswood		07:50	08:50	09:50	10:50	11:50	12:50	13:50	14:50	15:50
Great Western Hwy after Water St, Werrington		07:54	08:54	09:54	10:54	11:54	12:54	13:54	14:54	15:54
St Marys Interchange	ARR	08:02	09:02	10:02	11:02	12:02	13:02	14:02	15:02	16:02
St Marys Interchange	DEP	-	09:04	10:04	11:04	12:04	13:04	14:04	15:04	16:04
St Marys RSL Mamre Rd, St Marys		-	09:09	10:09	11:09	12:09	13:09	14:09	15:09	16:09
Solander Dr opp Cameo Cres, St Clair		-	09:12	10:12	11:12	12:12	13:12	14:12	15:12	16:12
Blackwell Ave opp Blackwell Public School, St Clair		-	09:15	10:15	11:15	12:15	13:15	14:15	15:15	16:15
St Clair Shopping Centre Bennett Rd, St Clair		-	09:21	10:21	11:21	12:21	13:21	14:21	15:21	16:21
Colorado Dr at Explorers Way, St Clair		-	09:25	10:25	11:25	12:25	13:25	14:25	15:25	16:25
Roper Rd opp Carlisle Ave, Colyton		-	09:27	10:27	11:27	12:27	13:27	14:27	15:27	16:27
Mount Druitt Station, Mount Druitt		-	09:37	10:37	11:37	12:37	13:37	14:37	15:37	16:37

Sunday & Public Holidays		♿	♿	♿	♿	♿
Penrith Station		16:40	17:40	18:54	19:54	20:54
Nepean Hospital Derby St, Kingswood		16:47	17:47	19:01	19:59	20:59
Second Ave at Morphett St, Kingswood		16:50	17:50	19:04	20:02	21:02
Great Western Hwy after Water St, Werrington		16:54	17:54	19:08	20:06	21:06
St Marys Interchange	ARR	17:02	18:02	19:16	20:12	21:12
St Marys Interchange	DEP	17:04	18:04	19:18	20:14	21:14
St Marys RSL Mamre Rd, St Marys		17:09	18:08	19:22	20:18	21:18
Solander Dr opp Cameo Cres, St Clair		17:12	18:11	19:25	20:21	21:21
Blackwell Ave opp Blackwell Public School, St Clair		17:15	18:14	19:28	20:24	21:24
St Clair Shopping Centre Bennett Rd, St Clair		17:21	18:18	19:32	20:28	21:28
Colorado Dr at Explorers Way, St Clair		17:25	18:21	19:35	20:31	21:31
Roper Rd opp Carlisle Ave, Colyton		17:27	18:23	19:37	20:33	21:33
Mount Druitt Station, Mount Druitt		17:37	18:31	19:45	20:41	21:41

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Mount Druitt to Penrith via St Clair

B

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Service Information								H	
Mount Druitt Station, Mount Druitt	-	05:16	05:57	06:24	06:46	07:13	07:50	08:15	08:42
Roper Rd after Carlisle Ave, Colyton	-	05:21	06:02	06:29	06:51	07:20	07:58	08:22	08:49
Colorado Dr after Explorers Way, St Clair (2759)	-	05:23	06:04	06:31	06:53	07:22	08:00	08:24	08:51
St Clair Shopping Centre Bennett Rd, St Clair	05:05	05:26	06:07	06:34	06:56	07:25	08:04	08:27	08:55
Blackwell Public School, Blackwell Ave, St Clair	05:08	05:31	06:12	06:39	07:01	07:30	08:09	08:32	08:59
Solander Dr at Cameo Cres, St Clair	05:10	05:35	06:16	06:43	07:05	07:34	08:13	08:36	09:03
St Marys RSL Mamre Rd, St Marys	05:14	05:42	06:23	06:50	07:12	07:41	08:20	08:43	09:09
St Marys Interchange	ARR	05:21	05:49	06:30	06:57	07:19	07:50	08:28	09:18
St Marys Interchange	DEP	05:22	05:50	06:31	06:58	07:21	07:52	08:30	09:20
Great Western Hwy opp Water St, Claremont Meadows	05:26	05:54	06:35	07:03	07:26	07:57	08:35	08:59	09:25
Second Ave after O'Connell St, Kingswood	05:28	05:56	06:37	07:05	07:28	08:00	08:39	09:02	09:28
Nepean Hospital Derby St, Kingswood	05:32	06:00	06:41	07:10	07:33	08:05	08:44	09:07	09:34
Penrith Station	05:41	06:09	06:50	07:20	07:43	08:16	08:53	09:20	09:46

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt	09:13	09:43	10:13	10:43	11:13	11:43	12:13	12:43
Roper Rd after Carlisle Ave, Colyton	09:20	09:50	10:20	10:50	11:20	11:50	12:20	12:50
Colorado Dr after Explorers Way, St Clair (2759)	09:22	09:52	10:22	10:52	11:22	11:52	12:22	12:52
St Clair Shopping Centre Bennett Rd, St Clair	09:26	09:56	10:26	10:56	11:26	11:56	12:26	12:56
Blackwell Public School, Blackwell Ave, St Clair	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00
Solander Dr at Cameo Cres, St Clair	09:34	10:04	10:34	11:04	11:34	12:04	12:34	13:04
St Marys RSL Mamre Rd, St Marys	09:40	10:10	10:40	11:10	11:40	12:10	12:40	13:10
St Marys Interchange	ARR	09:49	10:19	10:49	11:19	11:49	12:19	12:49
St Marys Interchange	DEP	09:51	10:21	10:51	11:21	11:51	12:21	12:51
Great Western Hwy opp Water St, Claremont Meadows	09:56	10:26	10:56	11:26	11:56	12:26	12:56	13:26
Second Ave after O'Connell St, Kingswood	09:59	10:29	10:59	11:29	11:59	12:29	12:59	13:29
Nepean Hospital Derby St, Kingswood	10:05	10:35	11:05	11:35	12:05	12:35	13:05	13:35
Penrith Station	10:17	10:47	11:17	11:47	12:17	12:47	13:17	13:47

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿
Service Information		H						
Mount Druitt Station, Mount Druitt	13:43	14:21	14:43	E15:20	16:00	16:18	16:44	17:18
Roper Rd after Carlisle Ave, Colyton	13:50	14:28	14:50	E15:31	16:09	16:27	16:53	17:24
Colorado Dr after Explorers Way, St Clair (2759)	13:52	14:30	14:52	E15:33	16:11	16:29	16:55	17:26
St Clair Shopping Centre Bennett Rd, St Clair	13:56	14:34	14:56	E15:37	16:15	16:33	16:59	17:29
Blackwell Public School, Blackwell Ave, St Clair	14:00	14:39	15:00	G15:41	16:20	16:38	17:04	17:34
Solander Dr at Cameo Cres, St Clair	14:04	14:43	15:06	15:44	16:24	16:41	17:07	17:37
St Marys RSL Mamre Rd, St Marys	14:10	14:48	15:12	15:50	16:30	16:47	17:13	17:42
St Marys Interchange	ARR	14:19	14:57	15:21	15:59	16:36	16:56	17:22
St Marys Interchange	DEP	14:21	14:59	15:23	16:01	16:38	16:58	17:24
Great Western Hwy opp Water St, Claremont Meadows	14:26	15:05	15:27	16:05	16:46	17:04	17:30	17:58
Second Ave after O'Connell St, Kingswood	14:29	15:09	15:30	16:08	16:49	17:07	17:33	18:00
Nepean Hospital Derby St, Kingswood	14:35	15:16	15:36	16:14	16:54	17:12	17:38	18:05
Penrith Station	14:47	15:25	15:47	16:25	17:05	17:23	17:49	18:15





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Mount Druitt to Penrith via St Clair

B

Monday to Friday		♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt		18:18	18:48	19:10	19:40	20:19	20:57	21:57	
Roper Rd after Carlisle Ave, Colyton		18:24	18:54	19:16	19:45	20:24	21:02	22:02	
Colorado Dr after Explorers Way, St Clair (2759)		18:26	18:56	19:18	19:47	20:26	21:04	22:04	
St Clair Shopping Centre Bennett Rd, St Clair		18:29	18:59	19:21	19:50	20:29	21:07	22:07	
Blackwell Public School, Blackwell Ave, St Clair		18:34	19:04	19:26	19:54	20:33	21:11	22:11	
Solander Dr at Cameo Cres, St Clair		18:37	19:07	19:29	19:57	20:36	21:14	22:14	
St Marys RSL Mamre Rd, St Marys		18:42	19:12	19:34	20:02	20:41	21:19	22:19	
St Marys Interchange	ARR	18:51	19:21	19:43	20:11	20:50	21:28	22:28	
St Marys Interchange	DEP	18:53	19:23	-	20:12	20:51	21:29	22:29	
Great Western Hwy opp Water St, Claremont Meadows		18:58	19:28	-	20:15	20:54	21:32	22:32	
Second Ave after O'Connell St, Kingswood		19:00	19:30	-	20:17	20:56	21:34	22:34	
Nepean Hospital Derby St, Kingswood		19:05	19:35	-	20:21	21:00	21:38	22:38	
Penrith Station		19:15	19:45	-	20:30	21:09	21:47	22:47	
Saturday		♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt		07:49	08:36	09:36	10:36	11:36	12:36	13:36	14:36
Roper Rd after Carlisle Ave, Colyton		07:52	08:41	09:41	10:41	11:41	12:41	13:41	14:41
Colorado Dr after Explorers Way, St Clair (2759)		07:54	08:43	09:43	10:43	11:43	12:43	13:43	14:43
St Clair Shopping Centre Bennett Rd, St Clair		07:58	08:46	09:46	10:46	11:46	12:46	13:46	14:46
Blackwell Public School, Blackwell Ave, St Clair		08:02	08:50	09:50	10:50	11:50	12:50	13:50	14:50
Solander Dr at Cameo Cres, St Clair		08:05	08:54	09:54	10:54	11:54	12:54	13:54	14:54
St Marys RSL Mamre Rd, St Marys		08:10	09:00	10:00	11:00	12:00	13:00	14:00	15:00
St Marys Interchange	ARR	08:17	09:10	10:10	11:10	12:10	13:10	14:10	15:10
St Marys Interchange	DEP	08:18	09:12	10:12	11:12	12:12	13:12	14:12	15:12
Great Western Hwy opp Water St, Claremont Meadows		08:22	09:18	10:18	11:18	12:18	13:18	14:18	15:18
Second Ave after O'Connell St, Kingswood		08:24	09:21	10:21	11:21	12:21	13:21	14:21	15:21
Nepean Hospital Derby St, Kingswood		08:28	09:26	10:26	11:26	12:26	13:26	14:26	15:26
Penrith Station		08:38	09:38	10:38	11:38	12:38	13:38	14:38	15:38
Saturday		♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt		16:36	17:36	18:29	19:29	20:29	21:27	22:27	
Roper Rd after Carlisle Ave, Colyton		16:41	17:41	18:33	19:33	20:33	21:31	22:31	
Colorado Dr after Explorers Way, St Clair (2759)		16:43	17:43	18:35	19:35	20:35	21:33	22:33	
St Clair Shopping Centre Bennett Rd, St Clair		16:46	17:46	18:38	19:38	20:38	21:36	22:36	
Blackwell Public School, Blackwell Ave, St Clair		16:50	17:50	18:42	19:42	20:42	21:40	22:40	
Solander Dr at Cameo Cres, St Clair		16:54	17:54	18:45	19:45	20:45	21:43	22:43	
St Marys RSL Mamre Rd, St Marys		17:00	18:00	18:50	19:50	20:50	21:47	22:47	
St Marys Interchange	ARR	17:10	18:10	18:58	19:58	20:58	21:54	22:53	
St Marys Interchange	DEP	17:12	18:12	18:59	19:59	20:59	21:55	22:54	
Great Western Hwy opp Water St, Claremont Meadows		17:18	18:18	19:04	20:04	21:04	21:58	22:57	
Second Ave after O'Connell St, Kingswood		17:21	18:21	19:07	20:07	21:07	22:00	22:59	
Nepean Hospital Derby St, Kingswood		17:26	18:26	19:12	20:12	21:12	22:05	23:04	
Penrith Station		17:38	18:38	19:21	20:21	21:21	22:13	23:12	
Sunday & Public Holidays		♿	♿	♿	♿	♿	♿	♿	♿
Mount Druitt Station, Mount Druitt		08:45	09:45	10:45	11:45	12:45	13:45	14:45	15:45
Roper Rd after Carlisle Ave, Colyton		08:50	09:50	10:50	11:50	12:50	13:50	14:50	15:50
Colorado Dr after Explorers Way, St Clair (2759)		08:52	09:52	10:52	11:52	12:52	13:52	14:52	15:52
St Clair Shopping Centre Bennett Rd, St Clair		08:56	09:56	10:56	11:56	12:56	13:56	14:56	15:56
Blackwell Public School, Blackwell Ave, St Clair		09:01	10:01	11:01	12:01	13:01	14:01	15:01	16:01
Solander Dr at Cameo Cres, St Clair		09:04	10:04	11:04	12:04	13:04	14:04	15:04	16:04
St Marys RSL Mamre Rd, St Marys		09:09	10:09	11:09	12:09	13:09	14:09	15:09	16:09
St Marys Interchange	ARR	09:17	10:17	11:17	12:17	13:17	14:17	15:17	16:17
St Marys Interchange	DEP	09:19	10:19	11:19	12:19	13:19	14:19	15:19	16:19
Great Western Hwy opp Water St, Claremont Meadows		09:24	10:24	11:24	12:24	13:24	14:24	15:24	16:24
Second Ave after O'Connell St, Kingswood		09:27	10:27	11:27	12:27	13:27	14:27	15:27	16:27
Nepean Hospital Derby St, Kingswood		09:32	10:32	11:32	12:32	13:32	14:32	15:32	16:32
Penrith Station		09:44	10:44	11:44	12:44	13:44	14:44	15:44	16:44

776**Mount Druitt to Penrith via St Clair****B****Sunday & Public Holidays**

				
Mount Druitt Station, Mount Druitt	17:45	18:48	19:48	20:48
Roper Rd after Carlisle Ave, Colyton	17:50	18:53	19:53	20:53
Colorado Dr after Explorers Way, St Clair (2759)	17:52	18:55	19:55	20:55
St Clair Shopping Centre Bennett Rd, St Clair	17:55	18:58	19:58	20:58
Blackwell Public School, Blackwell Ave, St Clair	17:59	19:02	20:02	21:02
Solander Dr at Cameo Cres, St Clair	18:02	19:05	20:05	21:05
St Marys RSL Mamre Rd, St Marys	18:06	19:09	20:09	21:09
St Marys Interchange ARR	18:13	19:16	20:16	21:16
St Marys Interchange DEP	18:15	19:18	20:18	21:18
Great Western Hwy opp Water St, Claremont Meadows	18:19	19:22	20:22	21:22
Second Ave after O'Connell St, Kingswood	18:21	19:24	20:24	21:24
Nepean Hospital Derby St, Kingswood	18:26	19:29	20:29	21:29
Penrith Station	18:35	19:38	20:38	21:38

How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

For the most up-to-date times, use the Trip Planner or Departures on transportsw.info

Real-time planning


You can plan your trip with real-time information using the Trip Planner or Departures on transportsw.info or by downloading travel apps on your smartphone or tablet.

The Trip Planner, Departures and travel apps offer various features:

- favourite your regular trips
- see where your service is on the route
- get estimated pick up and arrival times
- receive service updates
- find nearby stations, stops, wharves and routes
- check accessibility information

Find the latest apps at transportsw.info/apps

Accessible services

All new buses are wheelchair-accessible with low-level floors and space for wheelchairs, prams or strollers. Look for the  symbol in this timetable. Some older buses may not have all the features you need. There will be more accessible services as older buses are replaced.

Who is providing my bus services?

The bus services shown in this timetable are run by Transit Systems.

Fares

In Sydney and surrounding regions, fares are based on:

- the distance you travel from tap on to tap off
- the mode of transport you choose
- whether you're eligible for a concession fare or free travel
- any Opal benefits such as discounts and capped fares that apply

You can use an Opal card or a contactless payment to pay for your travel.

Opal cards

An Opal card is a smartcard you keep and reuse. Add value before you travel and tap on and tap off to pay your fares throughout Sydney, the Blue Mountains, Central Coast, the Hunter and the Illawarra.

Which Opal card is right for you?


Adult - Customers 16 years and over who are not entitled to any concessions and normally pay full fare.

Child/Youth - For customers aged 4-15 (inclusive), or customers 16 years or older who hold a NSW/ACT Senior Secondary Student Concession Card.

Gold Senior/Pensioner - For eligible NSW and interstate seniors, pensioners, war widows/ers and asylum seekers.

Concession - For eligible tertiary students, job seekers, apprentices and trainees.

How to get an Opal card

You can get an Adult or Child/Youth Opal card over the counter at Opal retailers that display the Opal sign . To find your nearest retailer visit transportsw.info/opal.

If you are eligible to travel with concession fares you can apply for a Gold Senior/Pensioner or Concession Opal card online. Visit transportsw.info/opal for more information.

Contactless payments

If you have an American Express, Mastercard, Visa card or linked device, you can use it to pay for all public transport on the Opal network. Just make sure to tap on and tap off at Opal readers at the beginning and end of your trip.

Always separate your cards when you tap on and tap off so your preferred card is charged.

You will receive the same travel benefits of an Adult Opal card when you tap on and tap off consistently with the same credit card, debit card or linked device. This includes daily, weekly and Sunday travel caps, and a \$2 transfer discount when you change between metro/train, ferry, bus or light rail services within 60 minutes. Adult Opal fare pricing applies.

Find out more at transportsw.info/contactless

Explanation of definitions and symbols



Wheelchair Accessible

835**Prairiewood to UWS****B**

Valid from: 17 Nov 2019

Creation date: 12 Dec 2019

NOTE: Information is correct on date of download.

Monday to Friday										
Prairiewood T-Way Station, Bossley Park	05:15	05:45	06:15	06:30	06:48	07:18	07:46	08:18	14:21	
Wallgrove Rd before Redmayne Rd, Horsley Park	05:27	05:57	06:27	06:42	07:01	07:31	08:01	08:33	14:34	
Old Wallgrove Rd before Roberts Rd, Eastern Creek	05:38	06:08	06:38	06:53	07:13	07:43	08:13	08:45	14:46	
St Clair Shopping Centre Bennett Rd, St Clair	05:50	06:20	06:50	07:05	07:25	07:55	08:25	08:57	14:57	
St Marys Interchange	06:04	06:34	07:04	07:19	07:39	08:09	08:39	09:11	15:13	
Western Sydney University Penrith Campus, Second Ave, Kingswood	-	-	-	-	07:49	08:19	08:49	09:21	15:23	

Monday to Friday					
Prairiewood T-Way Station, Bossley Park	14:51	15:22	15:52	16:22	16:52
Wallgrove Rd before Redmayne Rd, Horsley Park	15:04	15:35	16:05	16:35	17:05
Old Wallgrove Rd before Roberts Rd, Eastern Creek	15:16	15:47	16:17	16:47	17:17
St Clair Shopping Centre Bennett Rd, St Clair	15:27	15:58	16:28	16:58	17:28
St Marys Interchange	15:43	16:14	16:44	17:14	17:44
Western Sydney University Penrith Campus, Second Ave, Kingswood	15:53	16:24	16:54	17:24	17:54

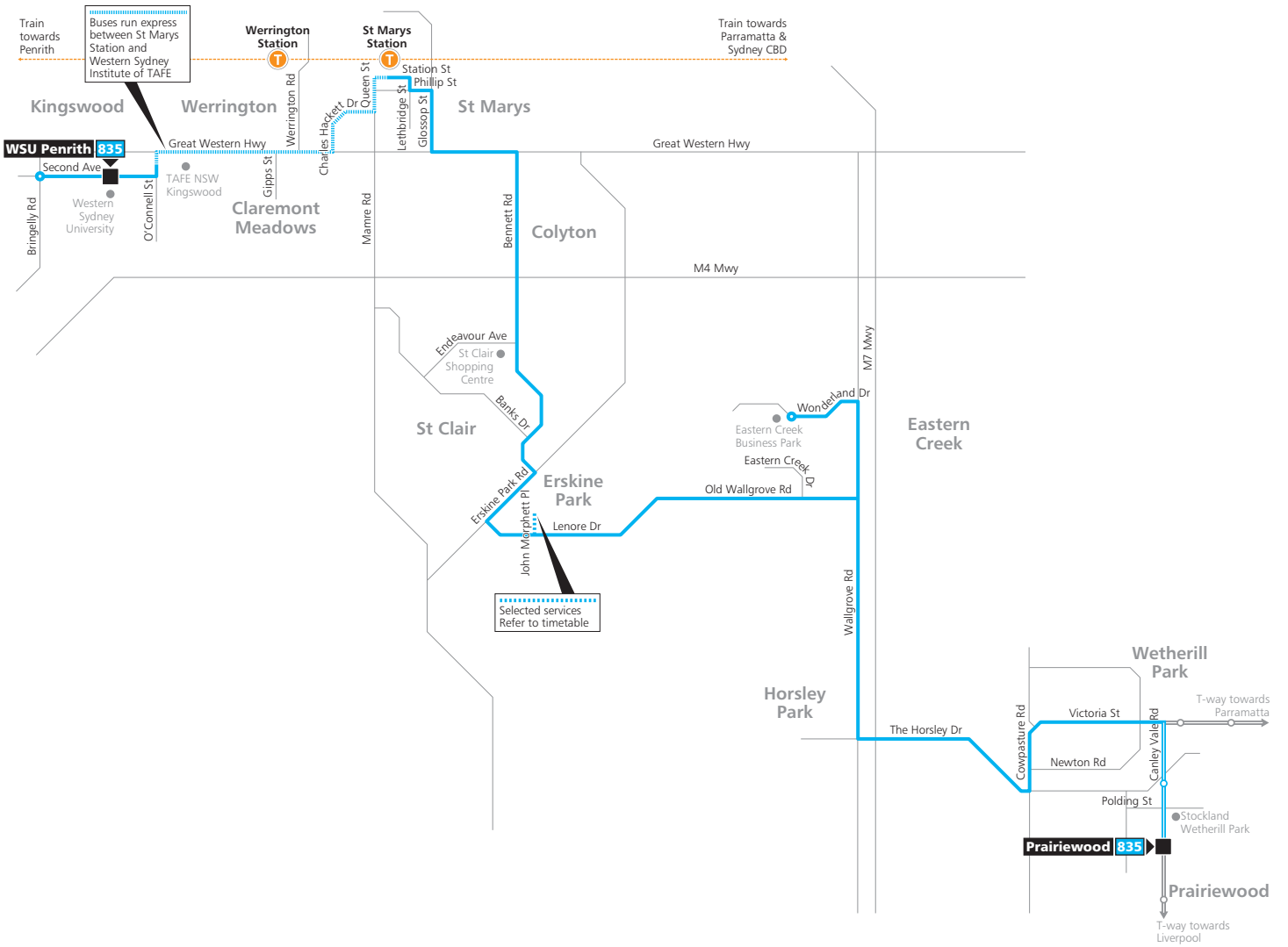
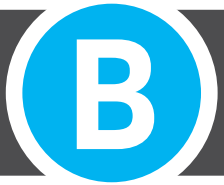
835**UWS to Prairiewood****B****Monday to Friday**

Western Sydney University Penrith Campus, Second Ave, Kingswood	-	-	-	-	07:58	08:28	08:58	-	-
St Marys Interchange	06:10	06:40	07:10	07:40	08:12	08:42	09:12	-	-
St Clair Shopping Centre Bennett Rd, St Clair	06:21	06:51	07:21	07:53	08:25	08:54	09:24	-	-
John Morphett Pl Before Lenore Dr, Erskine Park	-	-	-	-	-	-	-	14:55	15:25
Old Wallgrove Rd after Eastern Creek Dr, Eastern Creek	06:32	07:02	07:32	08:03	08:35	09:04	09:34	15:02	15:32
Wallgrove Rd before The Horsley Dr, Horsely Park	06:44	07:14	07:44	08:15	08:47	09:15	09:45	15:13	15:43
Prairiewood T-Way Station, Bossley Park	06:59	07:29	07:59	08:30	09:04	09:30	10:00	15:28	15:58

Monday to Friday

Western Sydney University Penrith Campus, Second Ave, Kingswood	15:30	16:02	16:32	17:02	17:32	18:02
St Marys Interchange	15:45	16:15	16:45	17:15	17:45	18:15
St Clair Shopping Centre Bennett Rd, St Clair	15:57	16:27	16:57	17:27	17:57	18:27
Old Wallgrove Rd after Eastern Creek Dr, Eastern Creek	16:07	16:37	17:07	17:37	18:07	18:37
Wallgrove Rd before The Horsley Dr, Horsely Park	16:19	16:49	17:19	17:48	18:18	18:48
Prairiewood T-Way Station, Bossley Park	16:35	17:05	17:35	18:02	18:32	19:02

Route 835



- Legend**
- Bus route
 - Bus route number
 - Bus route start/finish
 - Train line/station
 - T-way/stop
 - T-way/stop near route

Diagrammatic Map
Not to Scale



transportnsw.info

Appendix D

WSU Transport Access Guide



Getting to and from UWS Penrith campus



The Penrith campus consists of three sites: Werrington North, Werrington South and Kingswood. Below are the walking options to each campus from the closest train station. Please look out for wildlife when walking on unmade paths.

The **walk to Werrington North** from Werrington train station is approximately 1.25kms and will take about 15 minutes. Exit Werrington station onto Railway Street. Turn left into Landers Street then right into Chapman Street. Follow until the end then step over the vehicle bar gate which takes you into the University grounds. Follow the partially unmade path across the grounds to the Werrington North campus.

The **walk to Werrington South** from the Werrington train station is approximately 2kms and will take about 20–30 minutes. Exit Werrington Station onto Railway Street. Turn left into Landers Street then right into Chapman Street and follow until the end and into the University grounds. Follow the partially unmade path across the grounds to the Werrington North campus. Use the 'highway cross over bridge' between North and South campuses to enter Werrington South campus.

The **walk to the Kingswood campus** from the Werrington South campus is just over 1km and will take approximately 10–15 minutes. From the Werrington South campus, follow King St, passing building BD to the roundabout and turn right at the roundabout. Follow the road until you reach the hockey parking site and then turn left into O'Connell Street. Pass the hockey fields on your right and then follow the footpath.

The **walk to the Kingswood campus** from Kingswood train station is approximately 1.5kms and will take about 10–15 minutes. Exit Kingswood Station onto the Great Western Highway. Follow the walking path on the Highway to Kingswood Park and then the footpath across the park onto Second Avenue to the entrance of the Kingswood campus.



Bicycle parking and showers are located on all Penrith campuses. Please see www.uws.edu.au/cycling for locations.



Cycling options include on-road cycling on the Great Western Highway. Please download a copy of the Penrith-Windsor-Blue Mountains cycle-ways map at www.uws.edu.au/campus.

The University is continuing to improve its cycling facilities. Bike parking is available at most locations. Thinking about cycling to campus? Need more confidence? Register for cycling proficiency skills training at transportaccess@uws.edu.au.



Werrington Station is serviced by the Western Line. From the station it is a 15 minute walk to the Werrington North campus and a 30 minute walk to the Werrington South campus.

Kingswood Station is serviced by the Western Line. The Kingswood campus is a 10–15 minute walk from the station or a 5 minute bus trip via the UWS Shuttle.

Penrith Station is serviced by the Western and Blue Mountains lines and has the most frequent services. The Penrith campus is a 15 minute bus trip from the Penrith Station Interchange at stop number 275080 via Westbus 774-776 services.

St Marys Station is serviced by the Western Line. The Penrith campus is a 15 minute bus trip from St Marys Station Interchange at stop number 2760215 via Westbus 774-776 services.



Westbus Services 774-776 operate from the St Marys and Penrith stations, stopping at the Kingswood campus on Second Avenue and on the Great Western Highway for the Werrington North and South campuses. Services run approximately every 10 minutes.

UWS Shuttle operates between the Penrith campus and Kingswood train station every 10 to 15 minutes. There is no charge to use the UWS Shuttle but a current UWS staff or student ID card must be shown upon boarding. For shuttle hours of operation and for real time tracking visit <http://uwsconnect.com.au/shuttlebus.html>.



Westbus Services 774-776 offer wheelchair accessible services at limited times. Please consult the Busways timetable and look for the accessible symbol for these services.

Werrington, St Marys and Penrith train stations are wheelchair accessible. **Kingswood train station** may be accessible with assistance from a friend or carer. Specific station details can be found on the CityRail website www.cityrail.com.au or contact Transport Info.



University of
Western Sydney
Bringing knowledge to life

Transport Access Guide

Your guide for accessing
Penrith campus



Penrith
campus



Fares

Please contact Transport Info on 131 500 for latest fare information and travel passes.



Entrance to the Werrington North and South campuses is via the Great Western Highway. Entrance to the Kingswood campus is via O'Connell Street then turn into Second Avenue. The closest motorway to the campuses is the M4. Take the Mamre Road exit and follow until the end where you turn left onto the Great Western Highway.

Please be aware that parking is limited on this campus and parking permits and fees apply. For further information on parking please visit www.uws.edu.au/parking. To plan your trip using this travel option please use the UWS Interactive Map at www.uws.edu.au/campus.

Westbus Bus Fare Information

Bus Service	Departing	Fare Section	Adult	Concession
774 to 776	Penrith Station	4	\$3.50	\$1.70
774 to 776	St Marys Station	3	\$3.50	\$1.70

Planning your Trip

UWS recommends contacting the service providers below to plan your trip and obtain the latest timetable, fare and wheelchair accessible information.



Westbus (bus services)

Phone: 02 9890 0000

Website: www.westbus.com.au



UWS Campus Map

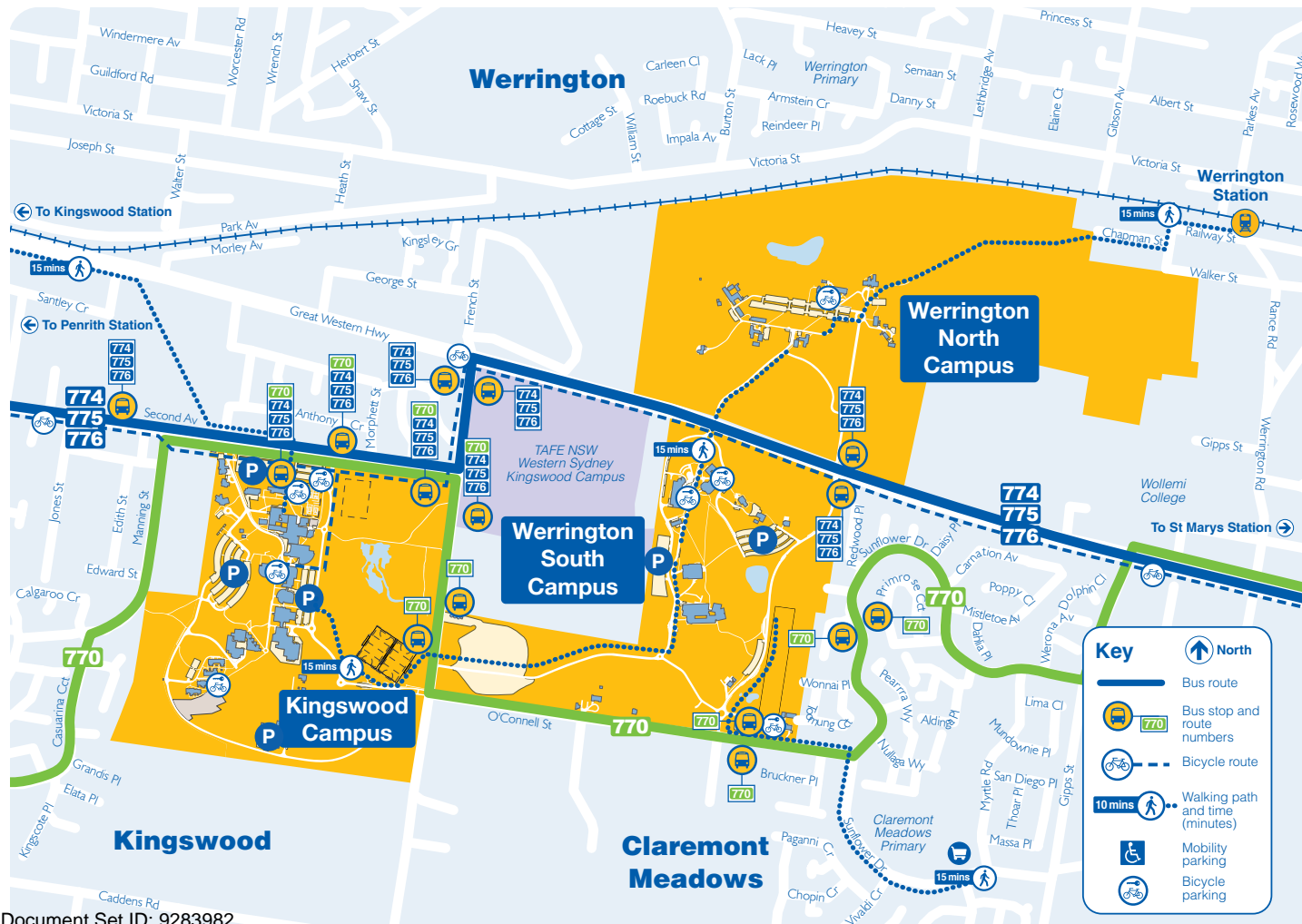
In conjunction with this travel access guide, it is recommended you download a copy of the UWS Penrith campus map available at <http://www.uws.edu.au/campus>.

UWS Campus Safety and Security

UWS Information Centre, Building K

Phone: (02) 4736 0431

For comments, suggestions and feedback on travelling to UWS please email transportaccess@uws.edu.au.



Version 3














Disclaimer: The information contained in this brochure is current as at January 2012 and is provided as a guide. The University of Western Sydney (UWS) has prepared this brochure in reliance on information provided by third parties and UWS makes no guarantee, warranty or promise, express or implied, concerning the content or accuracy of information provided. Readers should refer to the Transport Information Line, local bus companies or the local council to obtain updated information referred to in this brochure.

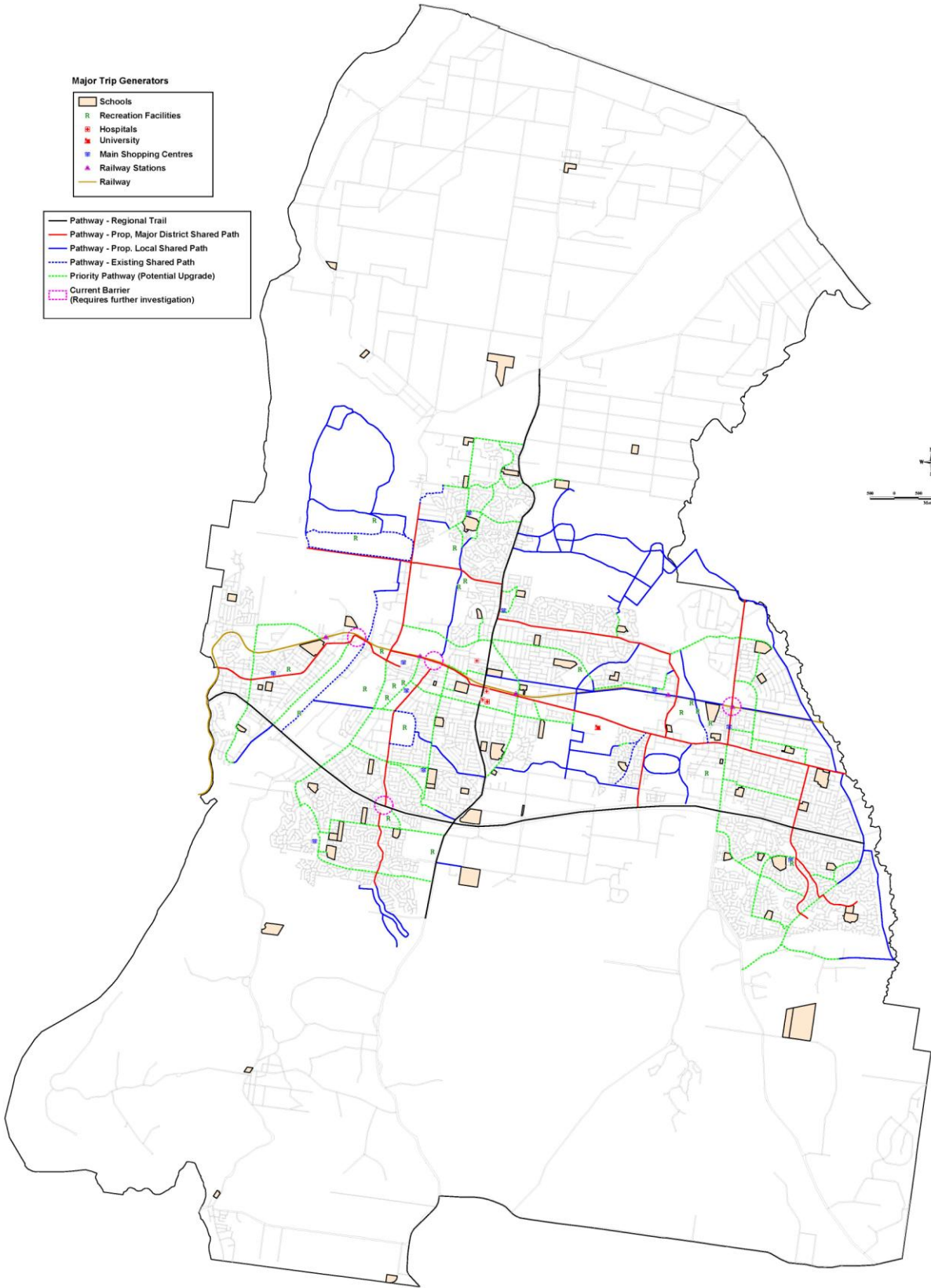
Appendix E

WSU Shared Paths Map



* The majority of the proposed district and local routes are for off-road shared pathways with some sections using on-road mixed traffic and bicycle shoulder lanes

- Major Trip Generators**
-  Schools
 -  Recreation Facilities
 -  Hospitals
 -  University
 -  Main Shopping Centres
 -  Railway Stations
 -  Railway
-
-  Pathway - Regional Trail
 -  Pathway - Prop. Major District Shared Path
 -  Pathway - Prop. Local Shared Path
 -  Pathway - Existing Shared Path
 -  Priority Pathway (Potential Upgrade)
 -  Current Barrier (Requires further investigation)



Appendix F

Extract from TTPA Study



**PROPOSED
GLENMORE PARK STAGE 2**

***Transport Management
and Accessibility Plan***

October 2005

Reference 0338

TRANSPORT AND TRAFFIC PLANNING ASSOCIATES
Transportation, Traffic and Design Consultants
Suite 603, Level 6
282 Victoria Avenue
CHATSWOOD 2067
Telephone (02) 9411 5660
Facsimile (02) 9904 6622
Email: ttpa@ttpa.com.au

5.2 EXISTING GLENMORE PARK

The 2001 Census established that there were some 5,447 occupied dwellings in the existing Glenmore Park development at the time of the survey.

Access to and from the surrounding Arterial Road network (ie The Northern Road and Mulgoa Road) from the existing development is restricted to the Glenmore Parkway and Garswood Road intersection. This circumstance and the circuitous internal road layout provides the relatively unique situation where it is possible to establish the vehicle trip generation rate of the estate without the complication of non-related external through movements. An assessment of the AM and PM peak hour movements at the 3 'access' intersections from the 'June' survey indicate the following IN/OUT movements from the Glenmore Park Estate.

	Total Movements	IN	OUT
AM Peak	3283	915	2368
PM Peak	3706	2666	1040

(NB The earlier survey provided similar results to the June survey being within $\pm 2\%$ of the total movements)

On the conservative estimate that there were some 200 dwellings built and occupied between the undertaking of the 2001 Census (ie 5,647 dwellings), and the traffic surveys (and that a 6% vacancy rate), the traffic movements indicated above translate to the following external trip generation rates and peak period IN vs OUT ratios for the estate.

	Total (vtph)	IN (%)	OUT (%)
AM Peak	0.62	27	73
PM Peak	0.70	72	28

5.3 ORIOLE STREET CATCHMENT

The street layout within the existing Glenmore Park development provided an opportunity to undertake a 'sensitivity test' of the published RTA generation rate and the rates established in Section 5.2. To ascertain the traffic generation rate of residential only development, a survey was carried out of the vehicle movements in the AM (7.00 –9.00am) and PM (4.00 - 6.30pm) peak period travelling to/from Oriole Street at its intersection with Woodlands Drive. This intersection is the only means of vehicular access to some 340 residences and is an area of the estate which was fully developed and at the time of the survey had no new residential construction activity taking place.

The results of the survey indicate the following movements to/from Oriole Street.

**LOCATION: ORIOLE STREET/WOODLANDS DRIVE
VEHICLE MOVEMENTS**

		AM Peak (7.45 – 8.45am)	PM Peak (5.15 – 6.15pm)
Oriole Street (OUT)	Left	38	11
	Right	128	51
Woodlands Drive (IN)	Left	8	35
	Right	34	132
Total		206	229

On the assumption that of the 340 residences within the surveyed area, approximately 6% (20 residences) were unoccupied, the traffic movements represent an AM and PM peak generation of 0.64 vehicle trips per hour per residence and 0.72 vehicle trips per hour per residence respectively.

5.4 ASSESSMENT

From the assessment it is apparent that the RTA published trip generation rate for residential development of 0.85 vtpd is not a true reflection of the circumstances which prevail at Glenmore Park. On the basis that the trip generation rate attained from the Oriole Street assessment also includes a component of 'internal' trips (say 6%), the data from this analysis and that of the 'whole' of Glenmore Park would suggest that an external trip generation rate of 0.65 vtpd per dwelling in the peak periods is more reflective of the existing traffic activity generated by the Glenmore Park Estate.

Application of this rate (0.65 vtpd) to the detached dwelling component and a 0.5 vtpd rate to the medium density element, indicates the following likely AM and PM peak vehicle movements for the various phases of construction activity: