



WAVERLEY TRAFFIC COMMITTEE MEETING

A meeting of the WAVERLEY TRAFFIC COMMITTEE will be held by video conference at:

10.00 AM, THURSDAY 27 JANUARY 2022

Waverley Council
PO Box 9
Bondi Junction NSW 1355
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AGENDA

Apologies

Declarations of Interests

Adoption of Previous Minutes by Council - 28 October 2021 9

The recommendations contained in Part 1 – Matters Proposing that Council Exercise its Delegated Functions – of the minutes of the Waverley Traffic Committee meeting held on 28 October 2021 were adopted by Council at its meeting on 23 November 2021 with the following change:

1. TC/V.01/21.10 – Blake Street, Dover Heights – Traffic Calming.

Council adopted the recommendation of the Traffic Committee subject to it being amended to read as follows:

That Council:

1. Installs a 10 metre 'BB' line at the intersection of Blake Street and Old South Head Road, as shown in Figure 3 of the report.
2. Delegates authority to the Executive Manager, Infrastructure Services, to modify the designs should on-site circumstances warrant changes.

PART 1 – MATTERS PROPOSING THAT COUNCIL EXERCISE ITS DELEGATED FUNCTIONS

NOTE: The matters listed under this part of the agenda propose that Council either does or does not exercise the traffic related functions delegated to it by TfNSW. The recommendations made by the Committee under this part of the agenda will be submitted to Council for adoption.

TC/C STATE ELECTORATE OF COOGEE

TC/C.01/22.01 Waverley Bus Depot - Access Improvements (A20/0114)..... 19

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Supports the closure of the Waverley Bus Depot access to Oxford Street and the signalisation of the York Road/Waverley Bus Depot intersection.
2. Supports 'No Stopping' restrictions on York Road across the Bus Depot intersection and 20 metres on either side in accordance with TfNSW Technical Direction 2002/12c (Stopping and Parking Restrictions at Intersections and Crossings).

3. Extends the 20 metre 'No Stopping' restrictions on the western side of York Road north of the intersection by 30 metres on a six-month trial basis.
4. Requests TfNSW to fund the renewal of the road surface and the installation of compliant street lighting on multi-function poles between the new signals and Oxford Street.
5. Requests TfNSW to investigate options to reduce the length of the 20 metre 'No Stopping' restrictions on the approaches/departures to the York Road/Waverly Bus Depot intersection.

TC/C.02/22.01 O'Dowd Street, Waverley - Vehicle Length Restriction (SF22/91)..... 41

COUNCIL OFFICER'S PROPOSAL:

That Council seeks authorisation from Transport for NSW to install the following signs at the entrance to O'Dowd Street from Victoria Street, Waverley:

1. 'No Trucks or Buses (symbolic) Vehicles over 7.5 m.'
2. 'Garbage Trucks Excepted.'

TC/C.03/22.01 Scott Street and Marroo Street Intersection, Bronte - 'No Stopping' Zone (A14/0145) 44

COUNCIL OFFICER'S PROPOSAL:

That Council installs a 9 metre 'No Stopping' zone on the southern and northern side of Scott Street, Bronte, at the intersection of Marroo Street.

TC/C.04/22.01 Bronte Bowling Club, 16 Wallace Street, Waverley - Loading Zone (A14/0145) 50

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 12 metre 'Loading Zone, 12 pm–4 pm, Tuesday to Friday' on the eastern side of Wallace Street, Waverley, in front of Bronte Bowling Club, as shown in Figure 1 of the report.
2. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of the loading zone, as necessary.

TC/C.05/22.01	34 Darling Street, Bronte - 'P Disability Only' Zone in Turner Street (A20/0534)	53
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COUNCIL OFFICER'S PROPOSAL:

That Council installs a 6 metre 'P Disability Only' parking zone in Turner Street, Bronte, between the driveways at the rear of 32 and 34 Darling Street.

TC/C.06/22.01	6 Gordon Place, Bronte - Construction Zone (A03/2514-04)	57
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COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 11.5 metre 'No Parking 9 am–2.30 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' construction zone in front of 6 Gordon Place, Bronte.
2. Requires the applicant to notify residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

TC/C.07/22.01	106 Hewlett Street, Bronte - Construction Zone (SF22/199)	62
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COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 9 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' construction zone in front of 102 Hewlett Street, Bronte.
2. Requires the applicant to notify residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

TC/V **STATE ELECTORATE OF VAUCLUSE**

TC/V.01/22.01	Murrivierie Road, North Bondi - Bus Zone Modification (A20/0076)	67
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COUNCIL OFFICER'S PROPOSAL:

That Council reduces the length of the bus zone outside 38, 40 and 42 Murrivierie Road, North Bondi, from 30 metres to 20 metres.

TC/V.02/22.01 1/60 Roscoe Street, Bondi Beach - 'P Disability Only' Zone (SF21/5406)..... 70**COUNCIL OFFICER'S PROPOSAL:**

That Council installs a 5.4 metre 'P Disability Only' parking zone in front of 60 Roscoe Street, Bondi Beach.

TC/V.03/22.01 8/133 Hastings Parade, North Bondi - 'P Disability Only' Zone (SF21/5408) 73**COUNCIL OFFICER'S PROPOSAL:**

That Council lengthens the 'P Disability Only' parking zone in front of 129 Hastings Parade, North Bondi, towards the south-east by 5.2 metres from 6.8 metres to 12 metres to accommodate 2 cars.

TC/V.04/22.01 2/335 Military Road, Vaucluse - 'P Disability Only' Zone (SF22/65) 76**COUNCIL OFFICER'S PROPOSAL:**

That Council installs a 5.4 metre 'P Disability Only' parking zone in front of 337 Military Road, Vaucluse, adjacent to the west end of the existing 'No Stopping' zone in Military Road.

TC/V.05/22.01 121 Old South Head Road, Bondi Junction - Construction Zone in Paul Street (A03/2514-04)..... 79**COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Installs a 10 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' construction zone in Paul Street adjacent to 121 Old South Head Road, Bondi Junction.
2. Requires the applicant to notify residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

TC/V.06/22.01 21-25 Ramsgate Avenue, Bondi Beach - Construction Zone (A03/2514-04) 83**COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Installs a 16.5 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' construction zone on the northern side of 21–25 Ramsgate Avenue, Bondi Beach.
2. Requires the applicant to notify residents in the vicinity of the construction zone prior to it being

installed.

3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

TC/V.07/22.01 122 Hastings Parade, North Bondi - Construction Zone (A03/2514-04) 87

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 13.3 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' construction zone in front of 122 Hastings Parade, North Bondi.
2. Requires the applicant to notify residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

TC/V.08/22.01 107 Ramsgate Avenue, North Bondi - Construction Zone (A03/2514-04) 92

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 16 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' construction zone in front of 101 Ramsgate Avenue, North Bondi.
2. Requires the applicant to notify residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

TC/V.09/22.01 9 Military Road, Dover Heights - Construction Zone (A03/2514-04) 97

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 9 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' construction zone along the western side of 9 Military Road, Dover Heights.
2. Requires the applicant to notify residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and

duration of, or remove, the construction zone, as necessary.

TC/CV ELECTORATES OF COOGEE AND VAUCLUSE

Nil.

PART 2 – TRAFFIC ENGINEERING ADVICE

NOTE: The matters listed under this part of the agenda seek the advice of the WTC only and do not propose that Council exercise its delegated functions at this point in time (though they may or may not require it in the future).

TC/TEAC STATE ELECTORATE OF COOGEE

Nil.

TC/TEAV STATE ELECTORATE OF VAUCLUSE

Nil.

TC/TEACV ELECTORATES OF COOGEE AND VAUCLUSE

Nil.

**MINUTES OF THE WAVERLEY TRAFFIC COMMITTEE
MEETING HELD BY VIDEO CONFERENCE ON
THURSDAY, 28 OCTOBER 2021**



Voting Members Present:

Cr P Masselos	Waverley Council – Chair
Sgt L Barrett	NSW Police – Eastern Suburbs Police Area Command – Traffic Services
Mr V Le	Transport for NSW – Network and Safety Services Manager
Mr P Pearce	Representing Marjorie O’Neill, MP, Member for Coogee
Ms J Zin	Representing Gabrielle Upton, MP, Member for Vaucluse

Also Present:

Mr R Autar	Transport for NSW – Traffic Engineering Officer
Mr B Gidiess	State Transit – Traffic and Services Manager (Eastern Region)
Cr T Kay	Waverley Council – Alternate Chair
Mr D Joannides	Waverley Council – Executive Manager, Infrastructure Services
Mr C Hutcheson	Waverley Council – Service Manager, Traffic and Transport
Mr M Almuhanha	Waverley Council – Senior Traffic Engineer
Mr P Cai	Waverley Council – Traffic Engineer

At the commencement of proceedings at 10.00 am, those present were as listed above, with the exception of Mr R Autar who arrived at 10.03 am.

At 10.17 am, Mr P Pearce left the meeting and did not return.

Apologies

There were no apologies.

Declarations of Pecuniary and Non-Pecuniary Interests

The Chair called for declarations of interest and none were received.

Adoption of Previous Minutes by Council - 23 September 2021

The recommendations contained in Part 1 – Matters Proposing that Council Exercise its Delegated Functions – of the minutes of the Waverley Traffic Committee meeting held on 23 September 2021 were adopted by Council at its meeting on 26 October 2021 with the following changes:

1. TC/C.01/21.09 – Park Parade to Watson Street, Bondi – Resident Parking Scheme – Area 15.

Council adopted the recommendation of the Traffic Committee subject to it being amended to read as follows:

That:

1. Council introduces a '2P, 8 am–8 pm, Permit Holders Excepted, Area 15' resident parking scheme between Bondi Road and Birrell Street, Bondi, in the following streets, as shown in Figure 1 of the report, with a review to be conducted 12 months after implementation:
 - (a) Park Parade.
 - (b) Bennett Street.
 - (c) Watson Street.
 - (d) King Street.
 - (e) Ewell Street.
 - (f) Ocean Street.
 - (g) Ocean Lane.
 - (h) Grove Street.
 - (i) Coulton Street.
 - (j) Stephen Street.
2. Residents living within the consultation area identified in Figure 1 of the report be eligible for parking permits within this area.

2. TC/V.01/21.09 – Flood Street/Watkins Street, Bondi – Kerb Buildout.

Council did not adopt the recommendation of the Traffic Committee and made the following decision:

That Council:

1. Does not support the Waverley Traffic Committee recommendation for kerb buildouts in both Flood Street and Watkins Street at the Watkins Street/Flood Street intersection.
2. Notes feedback and submissions from many residents in Orr, New, Anglesea and Watkins streets stating that they reject the Council proposal.

3. Officers prepare a report with a design for kerb buildouts only in Flood Street for Waverley Traffic Committee consideration and community consultation.
4. Officers regularly monitor the intersection for illegal parking.

ITEMS BY EXCEPTION

The following items on the agenda were dealt with together and the Council Officer's Proposal for each item was unanimously supported by the Committee:

- TC/V.02/21.10 45-47 Ramsgate Avenue, Bondi Beach – Temporary Road Closure for Panel Lift.
- TC/V.04/21.10 47 Beach Road, Bondi Beach – Construction Zone.
- TC/V.05/21.10 59 Wallangra Road, Dover Heights – Construction Zone.
- TC/V.06/21.10 157–159 Military Road, Dover Heights – Construction Zone in Blake Street.
- TC/V.07/21.10 12 Burge Street, Vaucluse – Construction Zone.

PART 1 – MATTERS PROPOSING THAT COUNCIL EXERCISE ITS DELEGATED FUNCTIONS

NOTE: *The matters listed under this part of the agenda propose that Council either does or does not exercise the traffic related functions delegated to it by TfNSW. The recommendations made by the Committee under this part of the agenda will be submitted to Council for adoption.*

TC/C STATE ELECTORATE OF COOGEE

- TC/C.01/21.10 39-43 Waverley Street, Bondi Junction - 'No Parking' Zone - Removal (A14/0145)

COUNCIL OFFICER'S PROPOSAL:

That Council replaces the 12.3 metre 'No Parking' zone outside 39–43 Waverley Street, Bondi Junction, with a '1/2P Meter Registration 8 am–9 pm Permit Holders Excepted Area 22' restriction.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted.

Voting members present for this item: Representative of the Member for Coogee, NSW Police representative, TfNSW representative and Waverley Council representative (Chair).

TC/C.02/21.10 Scott Street and Marroo Street Intersection, Bronte - 'No Stopping' Zone (A14/0145)**COUNCIL OFFICER'S PROPOSAL:**

That Council installs a 10 metre 'No Stopping' zone on the southern and northern side of Scott Street, Bronte, at the intersection of Marroo Street.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That:

1. The Council Officer's Proposal not be adopted.
2. Council refers this item back to the Traffic Committee to investigate installing No Stopping zones of less than 10 metres at the intersection of Scott Street and Marroo Street, Bronte, subject to compliance with Transport for NSW guidelines.

Voting members present for this item: Representative of the Member for Coogee, NSW Police representative, TfNSW representative and Waverley Council representative (Chair).

TC/V STATE ELECTORATE OF VAUCLUSE**TC/V.01/21.10 Blake Street, Dover Heights - Traffic Calming (A03/0042-04)****COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Installs two sets of rubber speed cushions in Blake Street, Dover Heights, for a 12-month trial, as shown in Figure 2 of the report.
2. Installs a 10 metre 'BB' line at the intersection of Blake Street and Old South Head Road, as shown in Figure 3 of the report.
3. Delegates authority to the Executive Manager, Infrastructure Services, to modify the designs should on-site circumstances warrant changes.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted.

Voting members present for this item: Representative of the Member for Vaucluse, NSW Police representative, TfNSW representative and Waverley Council representative (Chair).

TC/V.02/21.10 45-47 Ramsgate Avenue, Bondi Beach - Temporary Road Closure for Panel Lift (SF21/4719)

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Approves the temporary road and footpath closure of Ramsgate Avenue, Bondi Beach, between Campbell Parade and Wairoa Avenue, over two consecutive Sundays on dates to be agreed with Council, to facilitate the installation of structural panels, in accordance with the Traffic Guidance Scheme attached to the report and subject to the applicant:
 - (a) Notifying NSW Police and obtaining relevant approvals.
 - (b) Notifying NSW Ambulance Service and NSW Fire and Rescue.
 - (c) Notifying affected residents at least five working days prior to the event, with a follow-up notification on the day prior to day one of the road closure.
 - (e) Liaising with the residents of 66, 68, and 70A Ramsgate Avenue, whose driveways will be blocked for a short period of time (up to 20 minutes) during each lift.
 - (f) Using traffic controllers accredited by Transport for NSW.
 - (h) Covering all costs associated with closing the road, including traffic control and permit fees.
2. Removes parking spaces from 4 pm on the Saturday before the closure occurs.
3. Delegates authority to the Executive Manager, Infrastructure Services, to approve the dates that the operation will occur and to extend the dates, if required.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted.

Voting members present for this item: Representative of the Member for Vacluse, NSW Police representative, TfNSW representative and Waverley Council representative (Chair).

TC/V.03/21.10 Blair Street and Glenayr Lane Intersection, Bondi Beach - 'No Stopping' Zone (A14/0145)

COUNCIL OFFICER'S PROPOSAL:

That Council installs a 'No Stopping (Right)' zone on the eastern corner of the intersection of Blair Street and Glenayr Lane, Bondi Beach, as shown in Figure 2 of the report.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That:

1. The Council Officer's Proposal not be adopted.

2. Council refers this item back to the Traffic Committee to investigate alternative locations and additional treatments for the 'No Stopping (Right)' zone proposed on the eastern corner of the intersection of Blair Street and Glenayr Lane, Bondi Beach.

Voting members present for this item: Representative of the Member for Vacluse, NSW Police representative, TfNSW representative and Waverley Council representative (Chair).

TC/V.04/21.10 47 Beach Road, Bondi Beach - Construction Zone (A03/2514-04)

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 10 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat Council Authorised Vehicles Excepted' construction zone along the frontage of 47 Beach Road, Bondi Beach.
2. Notifies residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted.

Voting members present for this item: Representative of the Member for Vacluse, NSW Police representative, TfNSW representative and Waverley Council representative (Chair).

TC/V.05/21.10 59 Wallangra Road, Dover Heights - Construction Zone (A03/2514-04)

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 15 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat Council Authorised Vehicles Excepted' construction zone along the frontage of 59 Wallangra Road, Dover Heights.
2. Notifies residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted.

Voting members present for this item: Representative of the Member for Vacluse, NSW Police representative, TfNSW representative and Waverley Council representative (Chair).

**TC/V.06/21.10 157-159 Military Road, Dover Heights - Construction Zone in Blake Street
(A03/2514-04)**

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs an 11 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat Council Authorised Vehicles Excepted' construction zone in Blake Street along the northern side of 157–159 Military Road, Dover Heights.
2. Notifies residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted.

Voting members present for this item: Representative of the Member for Vacluse, NSW Police representative, TfNSW representative and Waverley Council representative (Chair).

TC/V.07/21.10 12 Burge Street, Vacluse - Construction Zone (A03/2514-04)

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 20 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat Council Authorised Vehicles Excepted' construction along the frontage of 12 Burge Street, Vacluse.
2. Notifies businesses in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted.

Voting members present for this item: Representative of the Member for Vacluse, NSW Police representative, TfNSW representative and Waverley Council representative (Chair).

TC/V.08/21.10 CONFIDENTIAL REPORT - Notts Avenue Streetscape Upgrade - Pedestrian Safety Improvements (SF21/5051)

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Treats the report as confidential, as it contains information that would, if disclosed, prejudice the maintenance of law.
2. Installs pedestrian safety measures in Notts Avenue, Bondi Beach, in accordance with the diagram attached to the report.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted.

Voting members present for this item: Representative of the Member for Vaucluse, NSW Police representative, TfNSW representative and Waverley Council representative (Chair).

TC/CV ELECTORATES OF COOGEE AND VAUCLUSE

Nil.

PART 2 – TRAFFIC ENGINEERING ADVICE

NOTE: The matters listed under this part of the agenda seek the advice of the WTC only and do not propose that Council exercise its delegated functions at this point in time (though they may or may not require it in the future).

TC/TEAC STATE ELECTORATE OF COOGEE

Nil.

TC/TEAV STATE ELECTORATE OF VAUCLUSE**TC/TEAV.01/21.10 Mitchell Street, North Bondi - Pick-up/Drop-off Zones for Reddam House School (DA-213/2021)****COUNCIL OFFICER'S PROPOSAL:**

That:

1. Should DA-213/2021 be approved for the expansion of Reddam House School onto adjoining land at 60C Blair Street, North Bondi:
 - (a) Installation of a 22 metre pick-up/drop-off zone on the western side of Mitchell Street, north of the existing 'No Parking, Wedding or Funeral Vehicles Excepted' zone, before and after school hours is acceptable.
 - (b) The zone would be signposted as 'No Parking 8 am–9.30 am, 2.30 pm–4 pm, School Days', with parking to be unrestricted outside these hours.
 - (c) The 22 metre pick-up/drop-off zone and the 'No Parking, Wedding or Funeral Vehicles Excepted' zone would include 'Kiss and Ride Area' signage, noting that Kiss and Ride signs are not a 'prescribed traffic control device' and may be installed by Council on the network it manages without seeking Traffic Committee or written approval from Transport for NSW.
2. Changes to the parking restrictions in the vicinity of the site will be subject to a separate report to the Traffic Committee should the development be approved, and the proposal will be assessed on its merits at that time.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted subject to being amended to read as follows:

That the Traffic Committee supports a pick-up/drop-off zone in Mitchell Street or Blair Street, North Bondi, to accommodate the expansion of Reddam House School, subject to the submission of a report to the Traffic Committee if the development application is approved.

Voting members present for this item: Representative of the Member for Vaucluse, NSW Police representative, TfNSW representative and Waverley Council representative (Chair).

TC/TEACV ELECTORATES OF COOGEE AND VAUCLUSE

Nil.

THE MEETING CLOSED AT 11.09 AM.

.....
SIGNED AND CONFIRMED
MAYOR
23 NOVEMBER 2021

REPORT
TC/C.01/22.01

Subject: Waverley Bus Depot - Access Improvements

TRIM No: A20/0114

Author: Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Supports the closure of the Waverley Bus Depot access to Oxford Street and the signalisation of the York Road/Waverley Bus Depot intersection.
2. Supports 'No Stopping' restrictions on York Road across the Bus Depot intersection and 20 metres on either side in accordance with TfNSW Technical Direction 2002/12c (Stopping and Parking Restrictions at Intersections and Crossings).
3. Extends the 20 metre 'No Stopping' restrictions on the western side of York Road north of the intersection by 30 metres on a six-month trial basis.
4. Requests TfNSW to fund the renewal of the road surface and the installation of compliant street lighting on multi-function poles between the new signals and Oxford Street.
5. Requests TfNSW to investigate options to reduce the length of the 20 metre 'No Stopping' restrictions on the approaches/departures to the York Road/Waverley Bus Depot intersection.

1. Executive Summary

Transport for New South Wales (TfNSW) proposes to change access arrangements at Waverley Bus Depot (see Figure 1). It proposes to close the exit from Waverley Bus Depot to Oxford Street and signalise the existing entry/exit on York Road. All bus movements to and from the depot will be via the signalised intersection. Work is scheduled to commence in late February with completion by 4 April 2022.

The works will enable completion of the section of the Bondi Junction cycleway on Oxford Street between St James Road and York Road without the need to accommodate buses exiting Waverley Bus Depot onto Oxford Street.

Figure 2 shows the proposed works. They include:

1. Closure of the Waverley Bus Depot access to Oxford Street.
2. Signalisation of the York Road/Waverley Bus Depot access.
3. Removal of a Jacaranda tree on York Road (subject to Council approval).
4. 'No Stopping' parking restrictions on the approaches to and departures from the York Road signalised intersection. 13 parking spaces are located within 20 metres of the intersection. These spaces will be lost with 'No Stopping' restrictions installed in accordance with TfNSW requirements.

5. 'No Stopping' parking restrictions for an additional 30 metres (5 parking spaces) on the western side of York Road north of the intersection.
6. A right turn phase for buses turning from York Road northbound into Oxford Street eastbound to be incorporated into the signal phasing of the Oxford Street/York Road intersection.

It is recommended that Council approves the 'No Stopping' parking restrictions for an additional 30 metres on the western side of York Road north of the intersection on a six-month trial basis. Queueing in York Road will then be assessed to see if this unrestricted parking can be returned permanently or out of peak hours. Other 'No Stopping' restrictions currently in place on York Road between the Bus Depot access and Oxford Street will also be examined to identify whether the 'No Stopping' can be applied to peak periods only. This would provide more on street parking at other times of the day.

It is recommended that Council requests TfNSW to fund renewal of the road surface and installation of compliant street lighting on multi-function poles between the new signals and Oxford Street.

It is recommended that Council requests TfNSW to investigate options to reduce the length of the 20 metre 'No Stopping' restrictions on the approaches/departures to the York Road/Waverley Bus Depot intersection.

Council will need to exercise its delegated functions to implement part of the proposal.

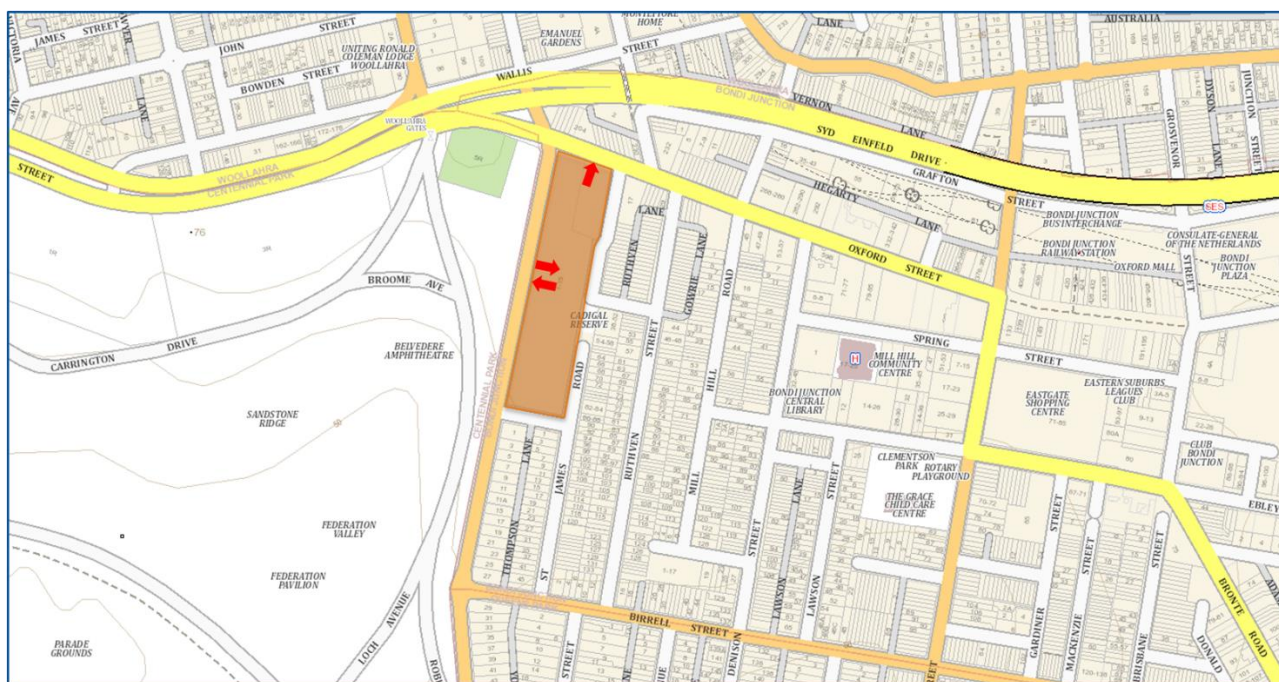


Figure 1. Site location.

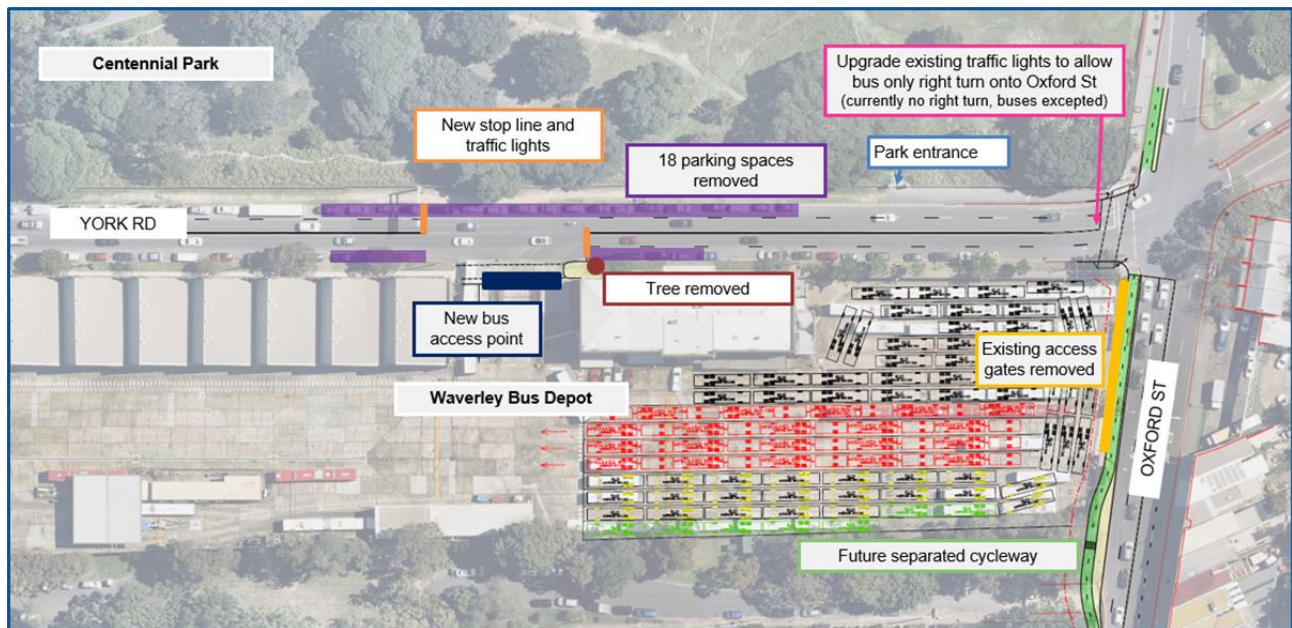


Figure 2. Proposed access arrangements for Waverley Bus Depot.

2. Introduction/Background

The proposal to provide all access to and from Waverley Bus Depot via York Road allows Council to complete the section of the Bondi Junction cycleway between St James Road and York Road without the need to accommodate buses exiting the Waverley Bus Depot onto Oxford Street. Safety for cyclists and pedestrians outside the Bus Depot on Oxford Street has been an ongoing issue. The proposed works address this issue.

Consultation will be undertaken in the weeks leading up to the construction phase. A draft copy of TfNSW's communication and engagement approach is attached. It will include:

- Nearby residents.
- Nearby businesses.
- Centennial Parklands Trust.
- Moriah College.
- Mill Hill Bondi Junction Precinct.
- Bike East.

TfNSW also be undertaking stakeholder meetings with Council officers, State Transit and the new bus operator Transdev John Holland Buses, and Centennial Parklands. Transdev John Holland Buses Pty Ltd will be operating the public passenger bus network in the region from 3 April 2022.

3. Technical Analysis

Traffic implications

Figure 3 presents the current outbound bus movements at 5-minute intervals from 5 am to 10 am. It shows peak movements of up to 9 buses in a 5-minute period. TfNSW will be working with State Transit and the new bus operator to smooth these peaks so that the outbound buses can be accommodated without adverse impacts on congestion. TfNSW will also be monitoring and adjusting the green phase times so that delays to bus movements are minimised.

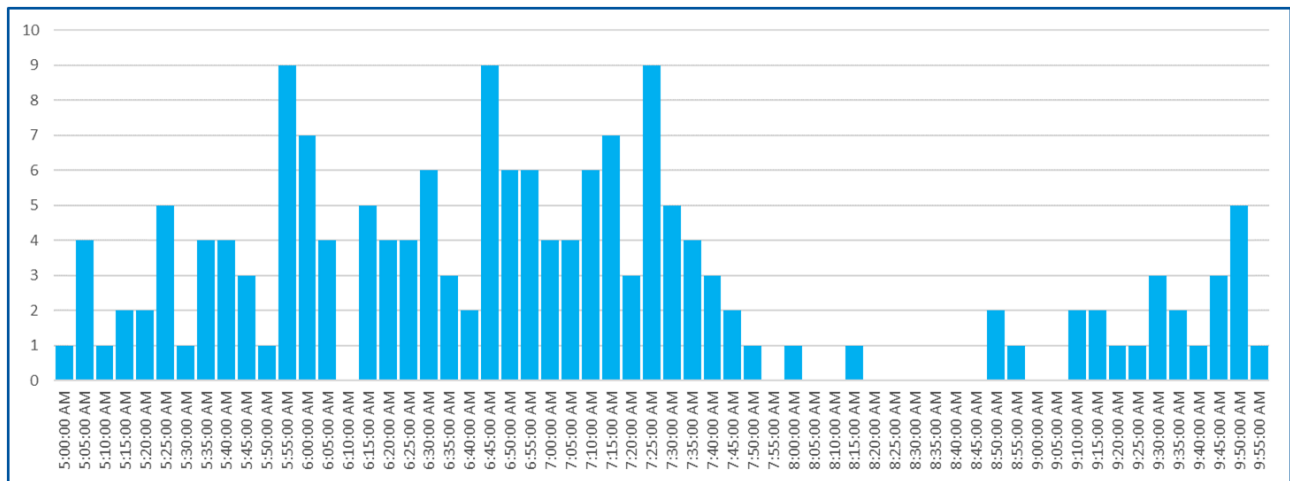


Figure 3. Existing outbound bus movements every 5 minutes from 5 am to 10 am (source: State Transit).

Figure 4 presents the forecast outbound bus movements at hourly intervals over a weekday.

The critical movement to accommodate is the right turn from York Road into Oxford Street. This movement is currently signposted as 'No Right Turn, Buses Excepted'. A new right turn phase will be introduced at the signals to facilitate the bus movements. Buses will still be allowed to filter when traffic southbound from Syd Einfeld Drive is passing through the intersection.

Buses generally leave the Bus Depot outside of commuter peak periods. Peak bus movements are 40 buses between 6.00 and 7.00 am and 31 buses between 7.00 and 8.00 am. The 8.00 to 9.00 am commuter peak is not affected by bus movements.

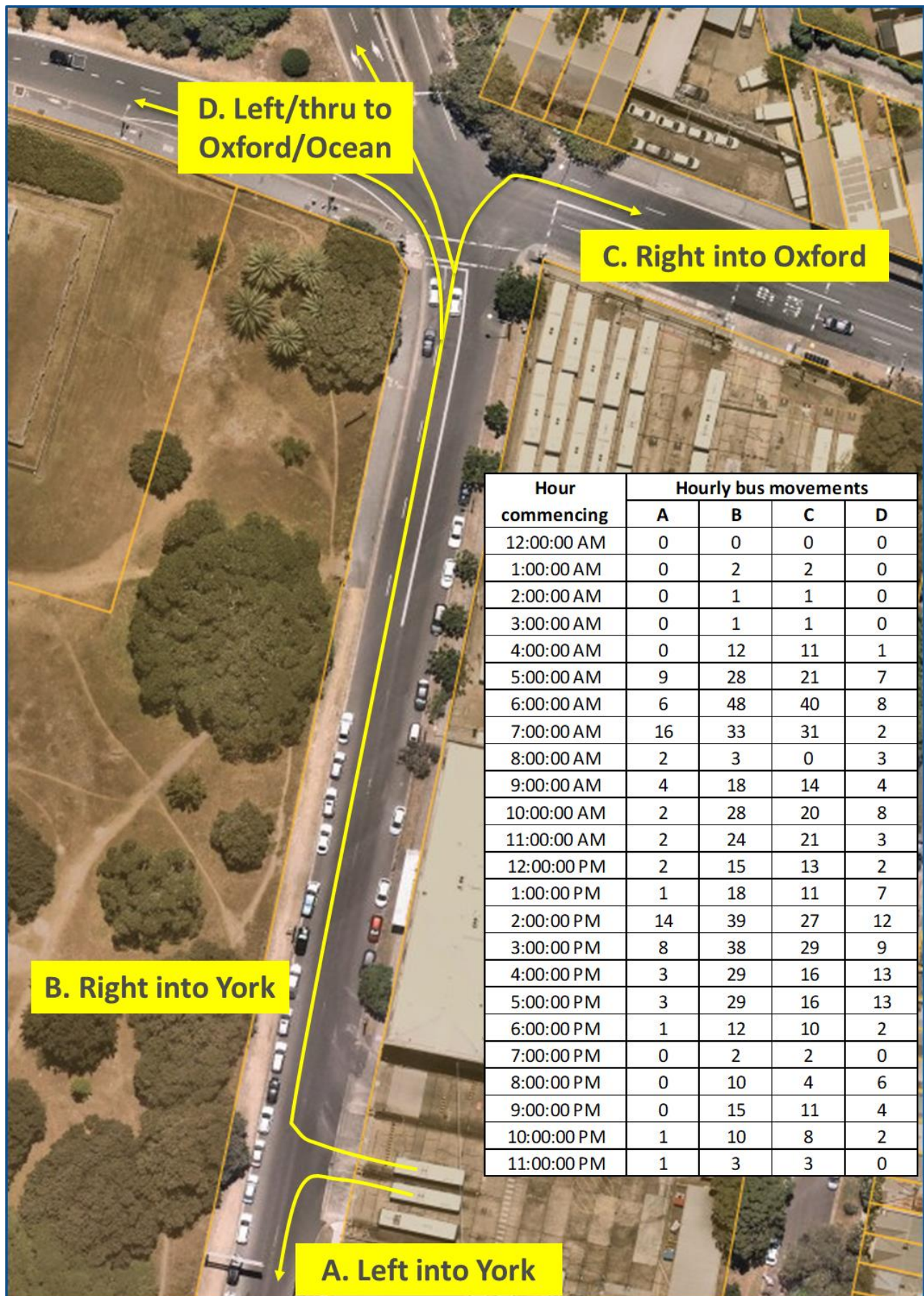


Figure 4. Forecast hourly outbound bus movements (source: TfNSW).

Intersection operations

TfNSW has undertaken modelling of the Oxford Street/York Road and York Road/Waverley Bus Depot access intersections for the 6.45 to 7.45 am time period when bus flows peak. Figures 5 and 6 show the reported average delays (seconds) and the Level of Service. They indicate they the average delays are within reasonable ranges and that the Level of Service with the changes is satisfactory, with the exception of the right turn from the bus Depot to York Road. This reflects the limited capacity in the phasing to accommodate this movement.

TfNSW will be monitoring the delays out of the Bus Depot and adjusting the green phase times to reduce these modelled delays.

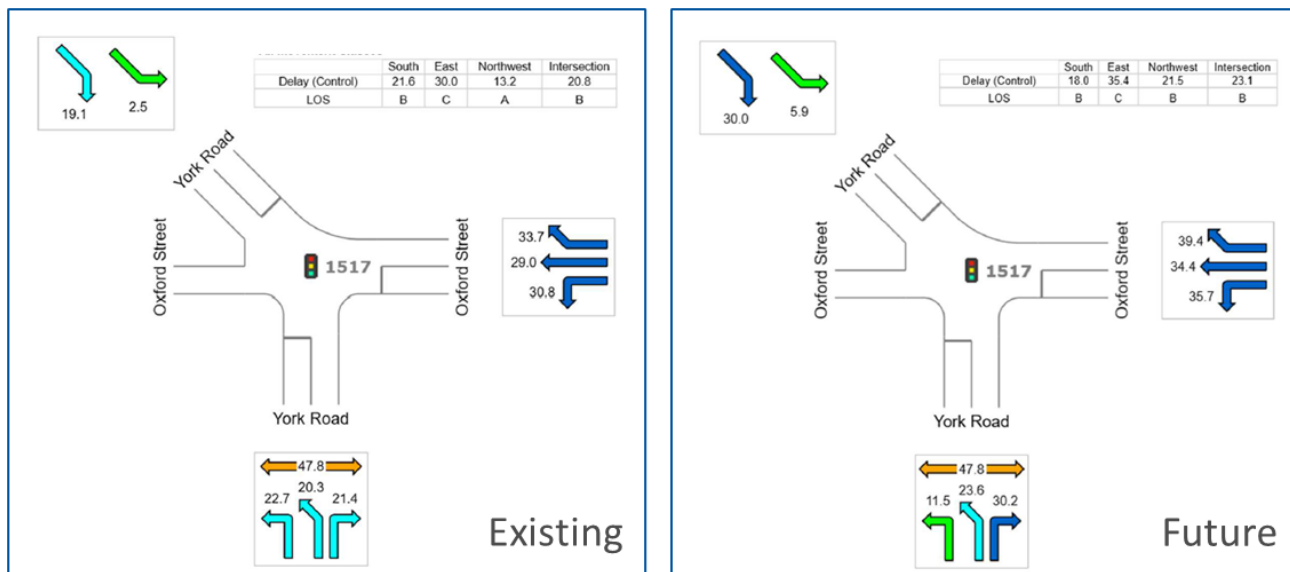


Figure 5. Oxford Street/York Road – Forecast average delays (seconds) and Level of Service (source: TfNSW).

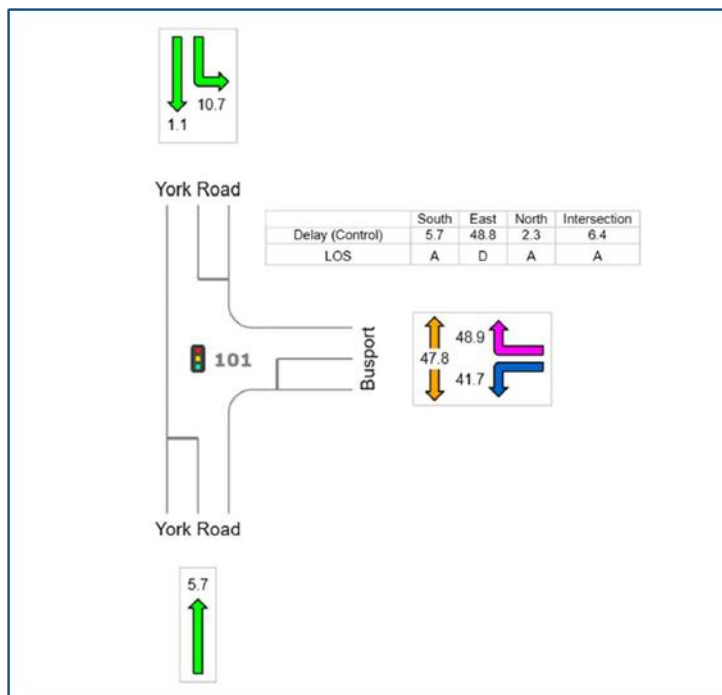


Figure 6. York Road/Waverley Bus Depot access – Forecast average delays (seconds) and Level of Service (source: TfNSW).

Queuing

Figure 7 presents the 85%ile queue on York Road back from Oxford Street from 6.45 to 7.45 am when bus flows peak. The estimated queue is around 122 metres. TfNSW has proposed removal 30 metres of parking north of the 20 metres of 'No Stopping' restrictions associated with the signals at the Bus Depot intersection in order to reduce the queuing impact.

TfNSW will be monitoring the queuing and adjusting the green phase times to reduce the queues and ensure buses are not adversely delayed.

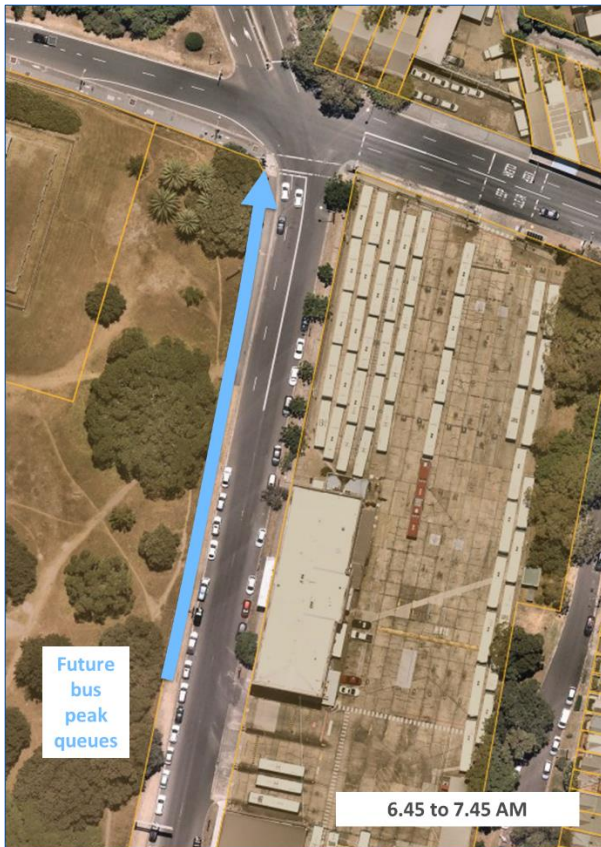


Figure 7. 85%ile queue during 6.45 to 7.45 am bus peak movements.

Parking impacts

Figure 8 shows the currently unrestricted parking TfNSW propose to convert to 'No Stopping'.

The proposal results in the loss of 13 parking spaces necessitated for compliance with TfNSW requirements that 20 metres on the approach and departure to and from a signalised intersection is to be signposted as 'No Stopping'.

An additional 30 metres (5 parking spaces) of 'No Stopping' is proposed by TfNSW on the western side of York Road north of the intersection. This is proposed to assist in reducing queuing impacts from northbound traffic stopped at the Oxford Street/York Road intersection.

The loss of parking is significant. The TfNSW modelling only applies to the early morning. However, TfNSW has expressed concerns that the queuing issue will occur at other times of the day.

It is recommended that the additional 30 metres of 'No Stopping' proposed by TfNSW is approved by Council on a six-month trial basis. Following the trial, Council officers will assess the queuing that occurs

throughout the day and advise Council whether the lost parking can be reinstated full time or outside of peak bus movements. At the same time, Council will investigate whether parking currently subject to 'No Stopping' restrictions further north on both sides of York Road can be converted to unrestricted parking outside of peak hours.

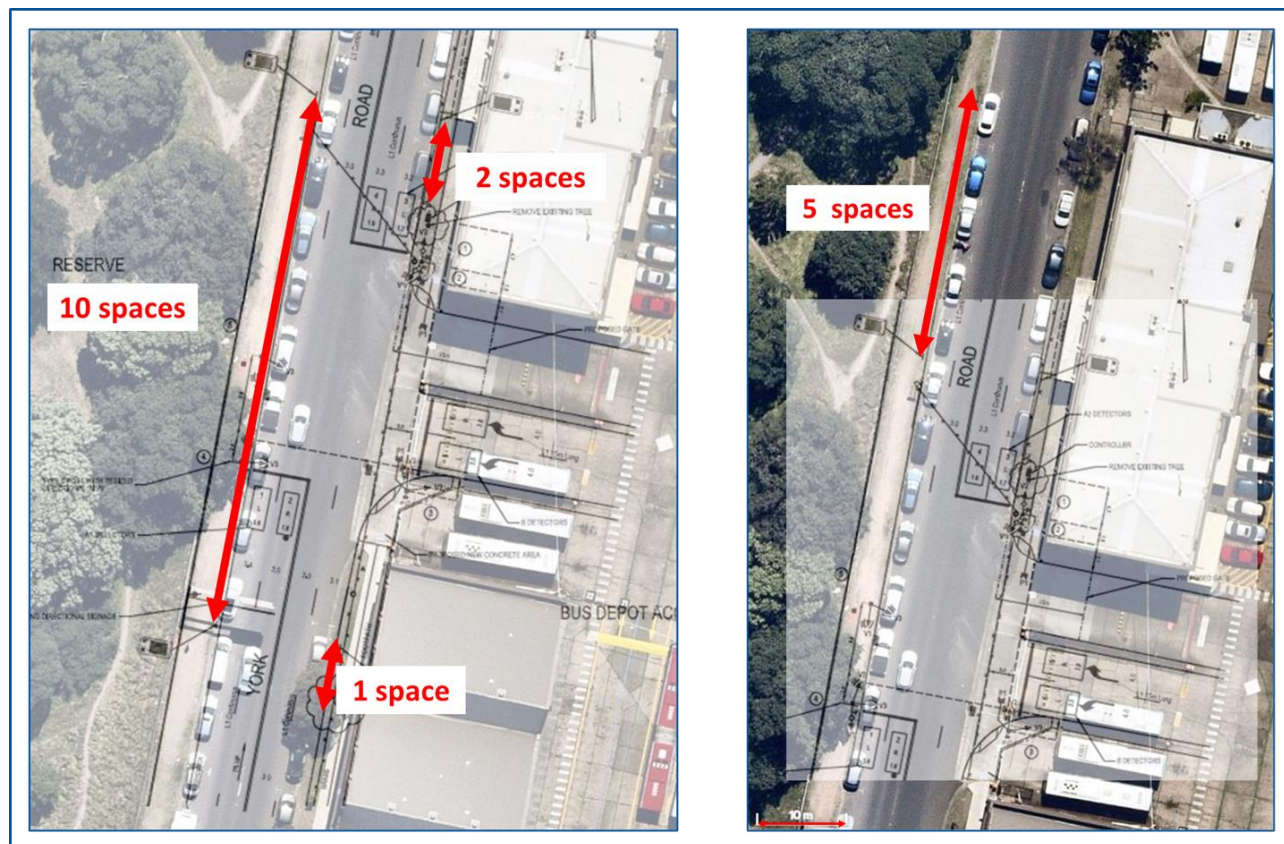


Figure 8. Parking loss.

Implications for the Bondi Junction Cycleway

The works will enable completion of the section of the Bondi Junction cycleway between St James Road and York Road without the need to accommodate buses exiting the depot onto Oxford Street. The cycleway works are not part of the Waverley Bus Depot access improvements.

The Waverley Bus Depot Oxford Street layback and driveways will be demolished and removed, replaced with new median kerb, cycleway and footpath. Associated works involving the driveway closures also include the removal of existing boom gate and Bus Depot infrastructure, with construction of a new fence closing off the Bus Depot's Oxford Street frontage.

Figure 9 shows the section of the Bondi Junction Cycleway from York Road to St James Road. The closure of the Bus Depot access removes the need for cyclists to give way to buses exiting the depot. The keep clear markings would no longer be required.

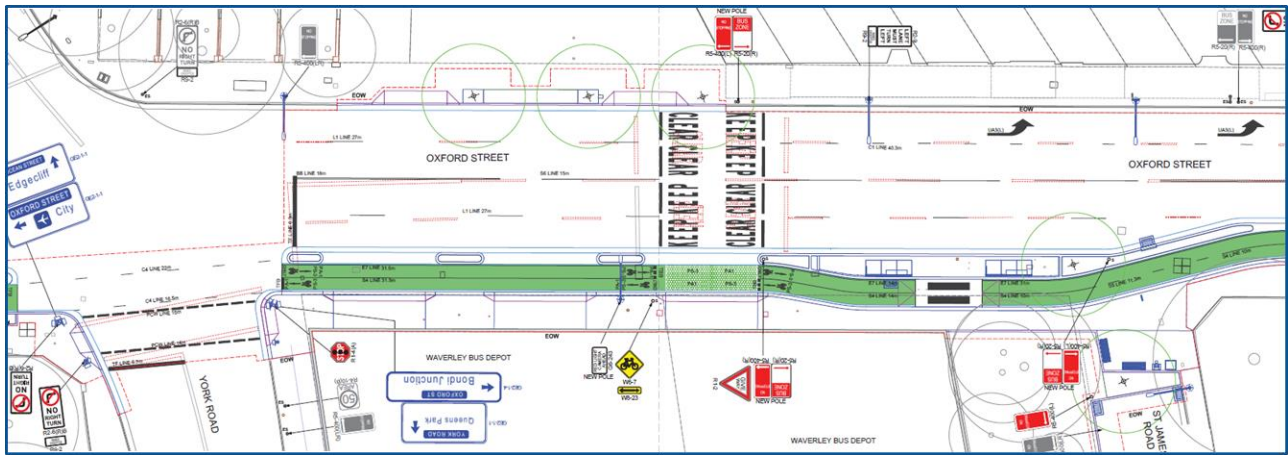


Figure 9. Bondi Junction Cycleway – York Road to St James Road.

Implications for road pavement and lighting/TCS Posts

There are 495 scheduled bus movements to and from the Waverley Bus Depot on weekdays. Additional bus movements including mechanical road tests, driver training, and school charters/hirings also occur. Most of these bus movements outbound will now use the section of York Road between the Waverley Bus Depot and Oxford Street.

The intensification in usage of York Road warrants consideration of renewal of the road surface and installation of compliant street lighting on multi-function poles between the new signals and Oxford Street. Traffic control signals should also be mounted on multi-function poles to be consistent with the character of the project and the overall street lighting network where co-habitation of assets can occur.

Funding for these works will be sought from TfNSW as part of the overall project.

The above figures and technical data in this report are excerpts/analysis from the four attachments to the report that were provided to Council by TfNSW. These reference documents form the basis of the technical analysis in this report.

4. Financial Information for Council's Consideration

Transport for NSW will be funding the project.

5. Attachments

1. Communication and engagement approach [↓](#)
2. TfNSW draft signal design [↓](#)
3. Sidra modelling assessment [↓](#)
4. Swept paths - 19 metre articulated bus [↓](#)

Transport for NSW



Waverley Bus Depot access improvements

Communication and engagement approach

Stakeholders

Transport has engaged with the key stakeholders Council and STA throughout the options assessment process and a preferred option has been chosen to accommodate the new cycleway and ensure safe bus entry and exit to the York St Depot.

Transport will next engage with the following stakeholders prior to commencing construction:

- Nearby residents
- Nearby businesses
- Centennial Parklands Trust
- Moriah College
- Mill Hill Bondi Junction Precinct
- Bike East

Stakeholder and community engagement activities

Activity	Details	Proposed timing
Stakeholder meetings	Meet with Council, STA and the new operator, Centennial Parklands	On-going
Advanced notification (letterbox drop) and stakeholder email	<p>Notification outlining:</p> <ul style="list-style-type: none">• Project overview• Map showing changes• Construction schedule, activities, and mitigations• Transport contact details for community feedback and questions <p>Notification letterbox dropped to nearby residents and businesses.</p> <p>Stakeholder email will be sent to Moriah College, Bondi Junction Precinct Group & Bike East.</p>	Around 3 weeks before construction starts
Webpage	Project webpage (including same info as advanced notification).	Around 2 weeks ahead of go live

Waverley Bus Depot access improvements

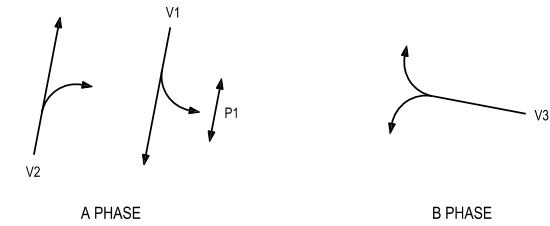
Communication and engagement approach

Activity	Details	Proposed timing
	Provide URL for adding to Council cycleway project page.	
Doorknock businesses	Business located on Oxford Street, opposite current depot entrance.	Around 2-3 weeks before construction starts
Start of work notification flyer	Notification confirming the construction schedule. Same distribution zone as previous advanced notification.	1 week before construction starts
Site signage	Parking removal signage (at least 1 week before construction starts). VMS, traffic controller signs etc. as needed.	Before, during and after construction as needed



Pictured above: bus exiting depot onto Oxford Street via existing exit point.

TCS 5122



MOVEMENTS

SIGNAL GROUP PHASE CHART

SIGNAL GROUP	PHASE WHEN GREEN		STANDARD TABLE	REMARKS
	A	B		
V1	X		73	Timed R.A. protection for P1 pedestrians.
V2	X		73	Timed R.A. protection for P1 pedestrians.
V3		X	1	-
P1		X	2	-

POSTS

POST	TYPE	LENGTH	OFFSET	REMARKS
1	8	4.0	1.2	NEW
2	13	1.5	1.0	NEW
3	8	4.0	1.0	NEW
4	6	-	1.0	NEW
5	8	4.0	1.0	NEW

NOTES

- This site is SCATS linked.
- Special STOP sign (R1-4) placed on post 2.
- Audio tactile push buttons provided on posts 2 and 3.
- Trees on approach to the intersection are to be regularly inspected and trimmed by Council to minimise lanterns obstruction.
- Kerb ramps are to be constructed in accordance with Standard (Road) Drawing R0300-11.
- Parking is to be removed as per RMS Technical Direction TDT2002_12C.
- Construct 42m² of kerb return.
- Construct 163m² of new concrete pavement.
- Resheet 132m² of asphalt.



RESERVE

REMOVE EXISTING DIRECTIONAL SIGNAGE

TYPE 6 POST WITH RESIZED DIRECTIONAL SIGN

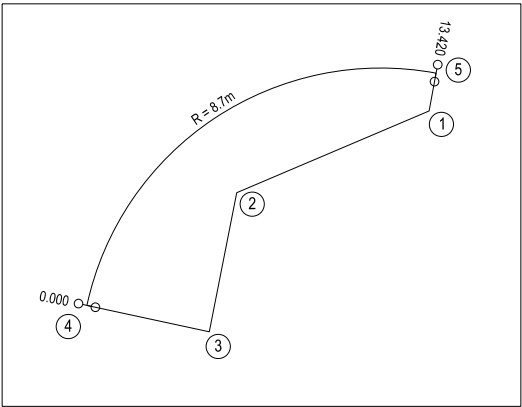
A1 DETECTORS

PROPOSED NEW CONCRETE AREA

B DETECTORS

BUS DEPOT ACCESS

DATE IN SERVICE : 00/00/00



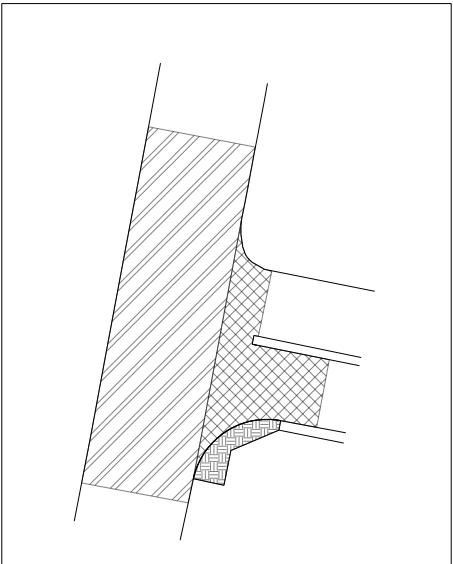
INSET A
SOUTH-EAST KERB RETURN - YORK ROAD
SCALE 1:2

ML01 - YORK ROAD
SOUTHEAST KERB EXTENSION

	CHAINAGE	EASTING	NORTHING	BEARING	RADIUS
START	0.000	337515.331	6248456.025	12 10 46.5	
CENTRE	8.457	337517.115	6248464.292		8.7
END	13.420	337525.429	6248462.743	100 33 30.5	

ME01		
POINT	EASTING	NORTHING
1	337521.954	6248443.750
2	337516.392	6248441.385
3	337515.596	6248437.363
4	337512.059	6248438.126
5	337522.157	6248444.843

INSET B
PROPOSED PAVEMENT
SCALE 2:1



A ORIGINAL ISSUE

ADVANCE
COPY ONLY

12/01/2022

PUBLIC UTILITY LEGEND	
	HYDRANT
	STOP VALVE
	GAS VALVE
	SEWER MANHOLE
	COMMS PIT
	ELECT LIGHT POLE
	POWER POLE
	STAY POLE
	TELEPHONE BOX
	COMMS PILLAR

REFERENCE PLANS	
	VD003-6
	VD001-5
	VC005-17
	TS-TN-019
	TS-TN-020
	TS-TN-021

U.S.D. Ref.	Map 257 38
I.S.G.	E: 337 402
CO-ORDS N:	6 248 476
DESIGNED :	A MISHRA
CHECKED :	M AL TOUMACHACHY
SITE CHECKED	
RECOMMENDED	
SURVEYOR :	BW
DATE :	30/11/21

DESIGN APPROVAL	
APPROVED	
NAME	
POSITION	
DATE	
DESIGN PREPARED BY	
ROAD DESIGN ENGINEERING SERVICES	
TECHNICAL AND PROJECT SERVICES	

TFNSW RECOMMENDATION	
ROAD DESIGN ENGINEERING	
NAME	
POSITION	
DATE	
NETWORK OPERATIONS	
NAME	
POSITION	
DATE	

TFNSW ACCEPTANCE	
ACCEPTED	
NAME	
POSITION	
DATE	
ACCEPTED BY	
SECTION	

TRANSPORT FOR NEW SOUTH WALES

WAVERLEY COUNCIL
TRAFFIC SIGNALS AT
YORK ROAD AND
WAVERLEY BUS DEPOT ACCESS
BONDI JUNCTION

DESIGN LAYOUT

EXISTING		PROPOSED	
CADD FILE: VV5122_1A_DES_DRAFT.DGN		SCALE 1:200	
FILE SF2021/314067		SHEET 1	
REG No. DS2021/000905		TCS No. 5122	

Revision 7 - August 2021

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Bondi Junction Cycleway at STA Waverley Bus Depot

Sidra Modelling Assessment

Nov 2021 | Version: 1

OFFICIAL

Contents

1 Introduction 3

2 Sidra Modelling and Results..... 3

3 Conclusion 3

4 Appendix..... 4

Author:
Date:
Version:
Reference:
Division:
Review date:

Joey Huang – Senior Network Operations Officer
19 Jan 2022
3

Greater Sydney

1 Introduction

In March 2021, existing safety concerns for pedestrians and cyclists were raised with the lack of control measures at the bus depot exit on Oxford Street. A new set of two-phases traffic signal lights, located approximately 130 metres south of the junction at York Road and Oxford Street (TCS1517), is proposed to facilitate better efficiency and safety for buses, pedestrians, and cyclists. In addition to this, a split phase assisting northbound right turn movement for buses will be added to the operating phase sequence at TCS1517. The main purpose of this assessment is to predict and evaluate the impact to the traffic signal operation due to these proposals. This evaluating process is solely based on Sidra Modelling, and LOS (Level of Service) will be the primary measure for traffic signal efficiency.

2 Sidra Modelling and Results

This Sidra model is targeted at the early morning peak (6:45 AM – 7:45 AM) as the traffic demand of buses is highest (66 buses as per schedule) during this period which is likely to have highest impact on the traffic signal operation. The input data being used in the model is based on existing traffic signal operation, including cycle time and traffic counts for past two years. Calibration and validation for the models are therefore unavailable as the numbers used might not fit the current traffic profile. The Optimised models of base scenario (existing traffic operations) and upgraded scenario (proposed traffic operations) are compared to define the degree of impact to traffic signal operation.

Table 1 Sidra Modelling Output - York Rd / Oxford St

Junction	Level of Service		Average Delay(sec)		
	Existing	Proposed	Existing	Proposed	Difference
TCS1517 York Rd / Oxford St	LOS B	LOS B	20.8	23.1	2.3(11%)
York Rd / Bus Exit	NA	Los A	NA	6.4	NA

As shown in **Table 1** Sidra Modelling Output - York Rd / Oxford St, Sidra modelling suggests that LOS for TCS1517 would remain at LOS B and the average delay for any vehicle from any approach would increase by 2.3 seconds. The evaluation for the proposed junction, York Road and Bus Exit, is inaccessible due to non-existence of the base scenario. Further details about modelling outputs can be found in **Appendix**.

3 Conclusion

Given the proposal was initially raised to resolve safety concerns, an increase of 2.3 seconds in average travel delay is acceptable in regards of traffic signal operation. Also, as these junctions will be in coordination with the major junction nearby which usually operates in a higher cycle time, reserved capacity would always be available at these junctions to cope with unusual traffic demands.

4 Appendix

Figure 1 Base Scenario Optimised Fix-Time Phase Split, York Rd / Oxford St

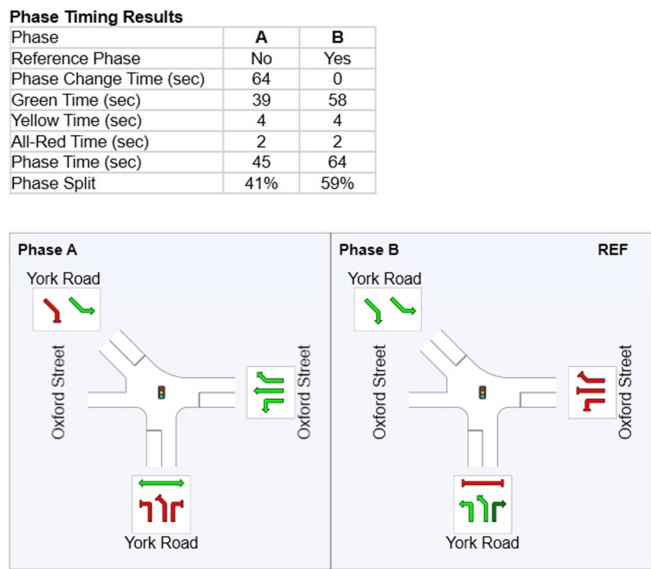


Figure 2 Base Scenario Optimised Fix-Time Level of Service and Delay, York Rd / Oxford St

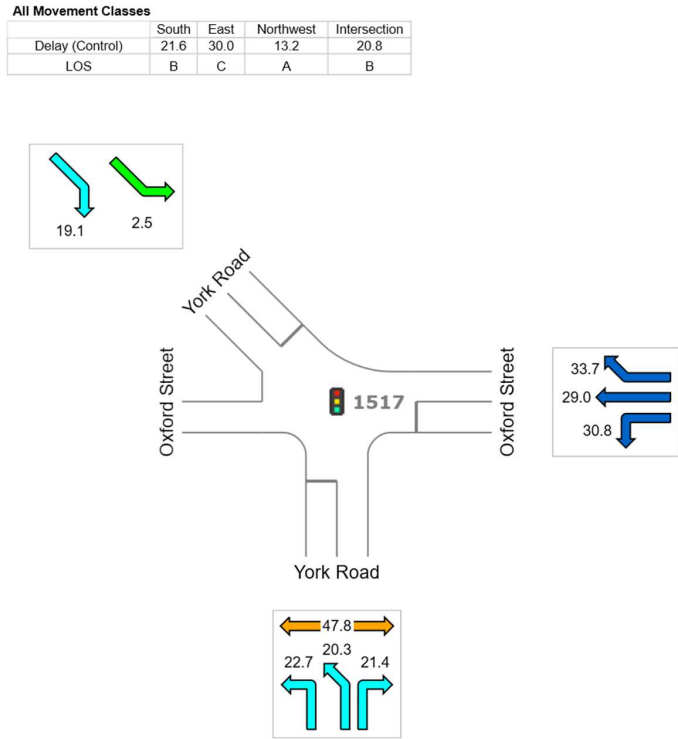


Figure 3 Proposed Scenario Optimised Actuated Network Phase Split, York Rd / Oxford St

Phase Timing Results			
Phase	A	B	C
Reference Phase	No	Yes	No
Phase Change Time (sec)	70	0	50
Green Time (sec)	33	44	14
Yellow Time (sec)	4	4	4
All-Red Time (sec)	2	2	2
Phase Time (sec)	39	50	20
Phase Split	36%	46%	18%

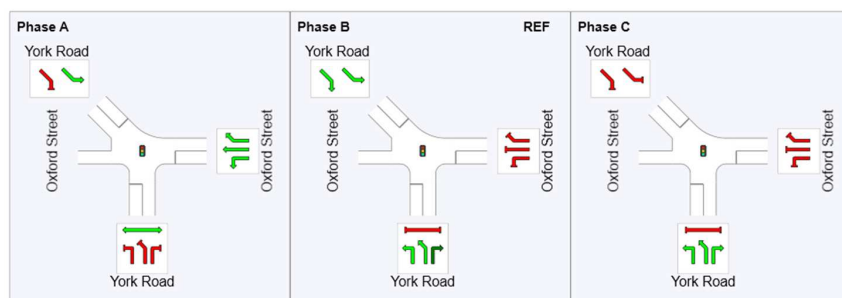


Figure 4 Proposed Scenario Optimised Actuated Network Level of Service and Delay, York Rd / Oxford St

All Movement Classes

	South	East	Northwest	Intersection
Delay (Control)	18.0	35.4	21.5	23.1
LOS	B	C	B	B

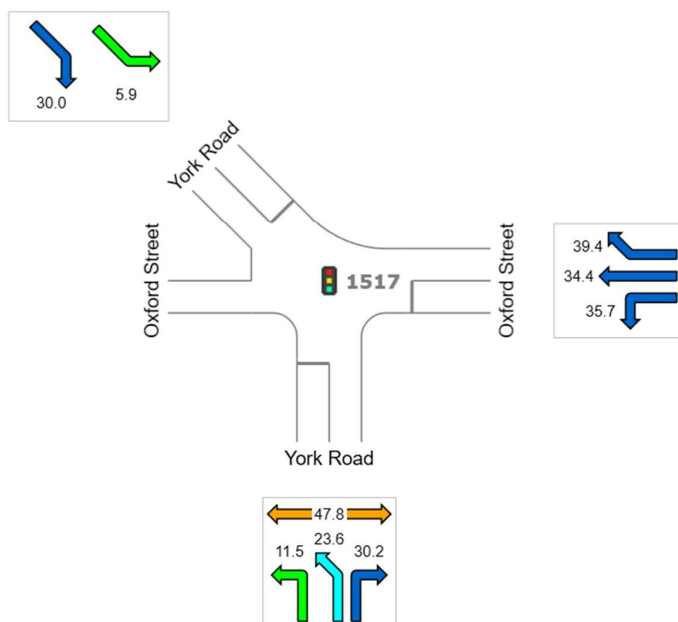


Figure 5 Proposed Scenario Optimised Actuated Network Phase Split, York Rd / Bus Exit

Phase Timing Results

Phase	A	B
Reference Phase	Yes	No
Phase Change Time (sec)	98	74
Green Time (sec)	79	18
Yellow Time (sec)	4	4
All-Red Time (sec)	2	2
Phase Time (sec)	85	24
Phase Split	78%	22%

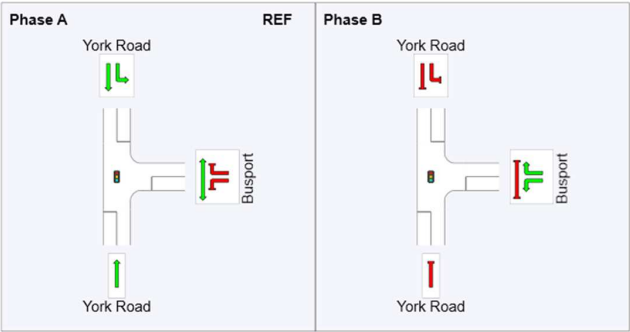
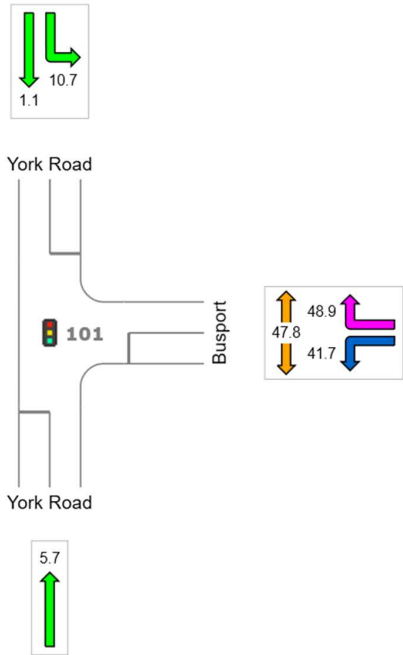


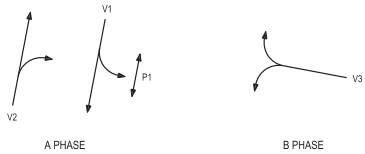
Figure 6 Proposed Scenario Optimised Actuated Network Level of Service and Delay, York Rd / Bus Exit

All Movement Classes

	South	East	North	Intersection
Delay (Control)	5.7	48.8	2.3	6.4
LOS	A	D	A	A



TCS 5122



MOVEMENTS

SIGNAL GROUP PHASE CHART

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	A	B		
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V3		X	1	-
P1		X	2	-

POSTS

POST	TYPE	LENGTH	OFFSET	REMARKS
1	8	4.0	1.2	NEW
2	13	1.5	1.0	NEW
3	8	4.0	1.0	NEW
4	6	-	1.0	NEW
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NOTES

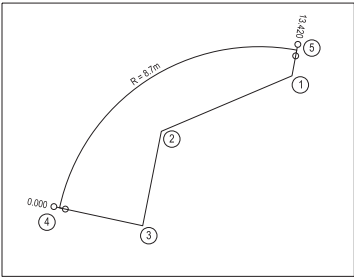
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- Kerb ramps are to be constructed in accordance with Standard (Road) Drawing R0300-11.
- Parking is to be removed as per RMS Technical Direction TD2002_12C.
- Construct 42m of kerb return.
- Construct 163m of new concrete pavement.
- Resheet 132m of asphalt.



RESERVE

BUS DEPOT ACCESS

DATE IN SERVICE : 00/00/00



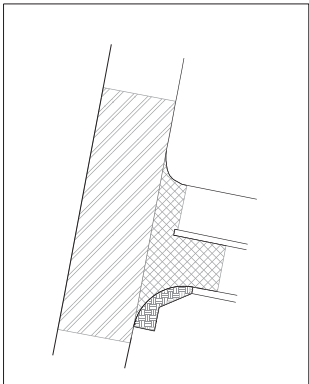
INSET A
SOUTH-EAST KERB RETURN - YORK ROAD
SCALE 1:2

MD1 - YORK ROAD
SOUTHEAST KERB EXTENSION

	CHAINAGE	EASTING	NORTHING	BEARING	RADIUS
START	0.000	337515.331	6248456.025	12 10 48.5	
CENTRE	8.457	337517.115	6248464.202		8.7
END	13.420	337525.429	6248462.743	100 33 30.5	

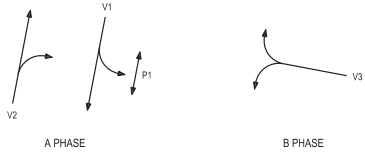
MD1		
POINT	EASTING	NORTHING
1	337521.954	6248443.750
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4	337512.059	6248438.126
5	337522.157	6248444.843

INSET B
PROPOSED PAVEMENT
SCALE 2:1



A ORIGINAL ISSUE	ADVANCE COPY ONLY 12/01/2022	PUBLIC UTILITY LEGEND	REFERENCE PLANS	LOCAL TMS 100 207 18 E.S.G. 1: 100 452 CORRECTION: 6 248 476	DESIGN APPROVAL APPROVED	TNSW RECOMMENDATION ROAD DESIGN ENGINEERING	TNSW ACCEPTANCE ACCEPTED	TRANSPORT FOR NEW SOUTH WALES	EXISTING <input type="checkbox"/> PROPOSED <input checked="" type="checkbox"/>	
		HYDRANT	SYMBOLS/NOTES	DESIGNED: A. MISHRA	NAME	NAME	NAME	CADD FILE: VV5122_1A_DES_DRAFT.DGN	SCALE 5 0 10 20 30 40 50 60 70 80 90 100	ISSUE
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		GAS VALVE	SYMBOLS/NOTES	SITE CHECKED	NAME	NAME	NAME	REG No. DS2021/000905	TCS No. 5122	SHEET 1
		SEWER MANHOLE	SYMBOLS/NOTES	RECOMMENDED	NAME	NAME	NAME	7/10/2021	Copyright Transport for NSW	

TCS 5122



MOVEMENTS

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V2	X		73	Timed R.A. protection for P1 pedestrians.
V3		X	1	-
P1		X	2	-

POSTS

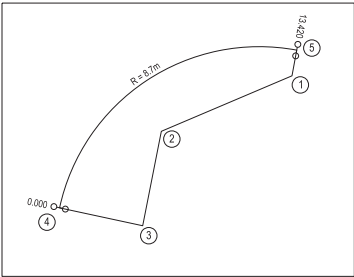
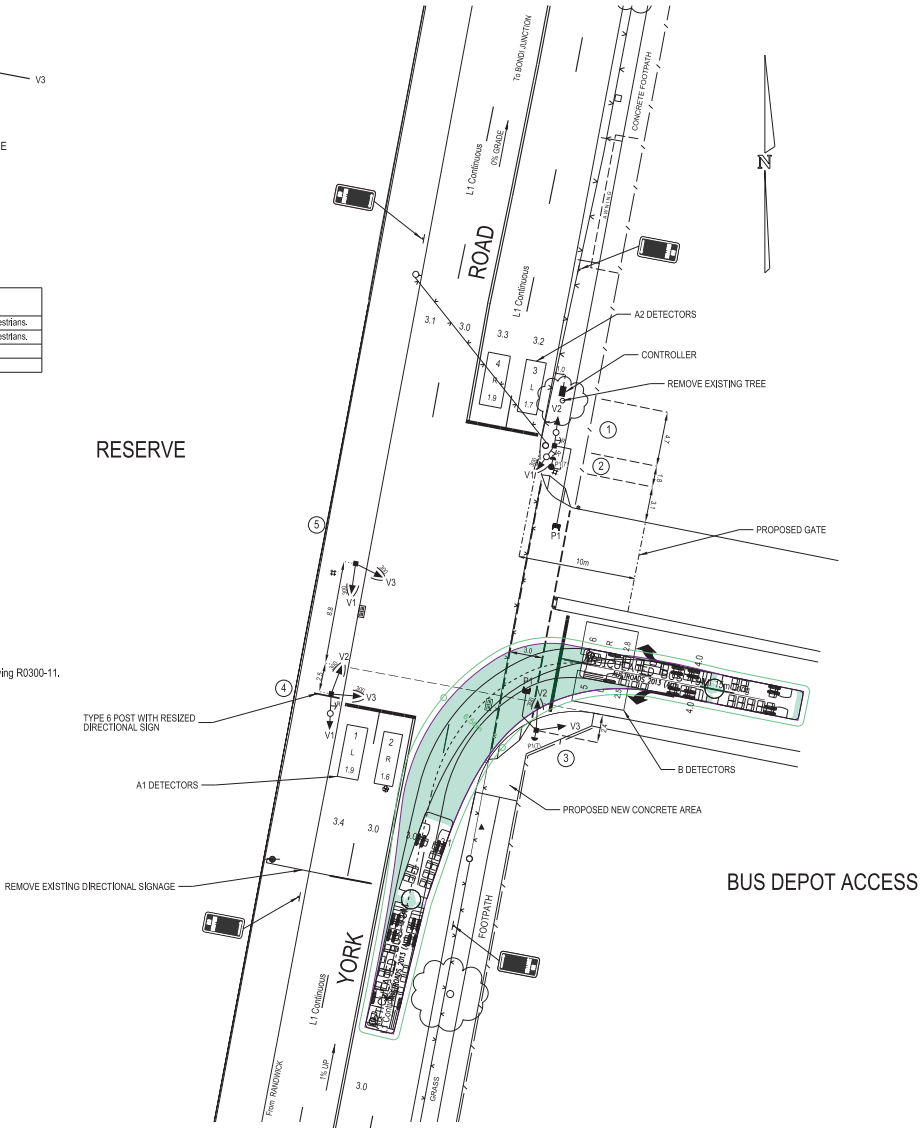
POST	TYPE	LENGTH	OFFSET	REMARKS
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RESERVE



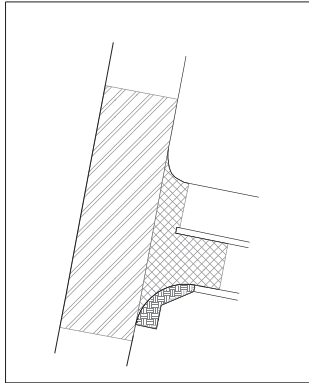
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SOUTH-EAST KERB RETURN - YORK ROAD
SCALE 1:2

MD1 - YORK ROAD
SOUTHEAST KERB EXTENSION

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END	13.420	337525.429	6248462.743	100 33 30.5	

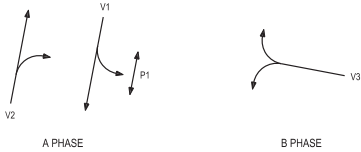
MD1		
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3	337515.596	6248437.363
4	337512.059	6248438.126
5	337522.157	6248444.843

INSET B
PROPOSED PAVEMENT
SCALE 2:1



A. ORIGINAL ISSUE	ADVANCE COPY ONLY 12/01/2022	PUBLIC UTILITY LEGEND HYDRANT STOP VALVE GAS VALVE CUTTER MANHOLE COMB HT ELECT LIGHT POLE POWER POLE STAY POLE TELEPHONE BOX COMMS MAST	REFERENCE PLANS SYMBOLS/NOTES STD POSN CMT INSTR. STOP DET VSD LOGIC OP DET LOGIC OP FED MVT OP SURVEYOR: BMV DATE: 13/01/2021	DESIGN APPROVAL APPROVED NAME: [Signature] POSITION: [Title] DATE: [Date]	TNSW RECOMMENDATION ROAD DESIGN ENGINEERING NAME: [Signature] POSITION: [Title] DATE: [Date]	TNSW ACCEPTANCE ACCEPTED NAME: [Signature] POSITION: [Title] DATE: [Date]	TRANSPORT FOR NEW SOUTH WALES WAVERTLEY COUNCIL TRAFFIC SIGNALS AT YORK ROAD AND WAVERTLEY BUS DEPOT ACCESS BONDI JUNCTION	EXISTING <input type="checkbox"/> PROPOSED <input checked="" type="checkbox"/>
								CADD FILE: VV5122_1A_DES_DRAFT.DGN
								SCALE 1:1200
								FILE SF2021/314067 REG No. DS2021/000905 TCS No. 5122 SHEET 1

TCS 5122



MOVEMENTS

SIGNAL GROUP PHASE CHART

SIGNAL GROUP	PHASE WHEN GREEN	STANDARD TABLE	REMARKS
V1	X	73	Timed R.A. protection for P1 pedestrians.
V2	X	73	Timed R.A. protection for P1 pedestrians.
V3	X	1	-
P1	X	2	-

POSTS

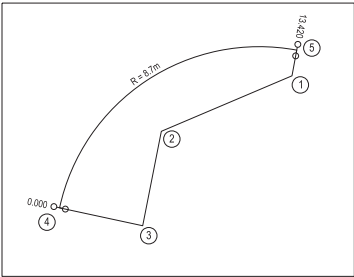
POST	TYPE	LENGTH	OFFSET	REMARKS
1	8	4.0	1.2	NEW
2	13	1.5	1.0	NEW
3	8	4.0	1.0	NEW
4	6	-	1.0	NEW
5	8	4.0	1.0	NEW

NOTES

- This site is SCATS linked.
- Special STOP sign (R1-4) placed on post 2.
- Audio tactile push buttons provided on posts 2 and 3.
- Trees on approach to the intersection are to be regularly inspected and trimmed by Council to minimise lanterns obstruction.
- Kerb ramps are to be constructed in accordance with Standard (Road) Drawing R0300-11.
- Parking is to be removed as per RMS Technical Direction TD2002_12C.
- Construct 42m of kerb return.
- Construct 163m of new concrete pavement.
- Resheet 132m of asphalt.

RESERVE

BUS DEPOT ACCESS



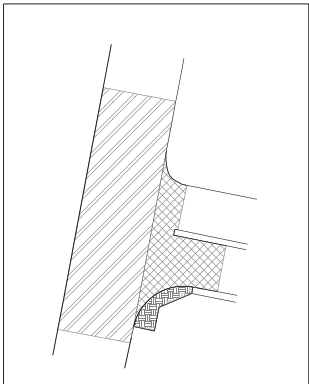
INSET A
SOUTH-EAST KERB RETURN - YORK ROAD
SCALE 1:2

MD1 - YORK ROAD
SOUTHEAST KERB EXTENSION

	CHAINAGE	EASTING	NORTHING	BEARING	RADIUS
START	0.000	337515.331	6248456.025	12 10 48.5	
CENTRE	8.457	337517.115	6248464.202		8.7
END	13.420	337525.429	6248462.743	100 33 30.5	

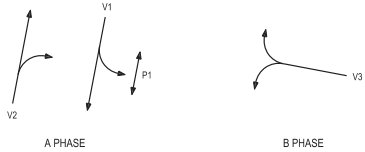
MD1		
POINT	EASTING	NORTHING
1	337521.954	6248443.750
2	337516.392	6248441.385
3	337515.596	6248437.363
4	337512.059	6248438.126
5	337522.157	6248444.843

INSET B
PROPOSED PAVEMENT
SCALE 2:1



A. ORIGINAL ISSUE	ADVANCE COPY ONLY 12/01/2022	PUBLIC UTILITY LEGEND STOP VALVE GAS VALVE CUTTER MANHOLE COMB HT ELECT LIGHT POLE POWER POLE STAY POLE TELEPHONE BOX COMMS MAST	REFERENCE PLANS SYMBOLS/NOTES STOP VALVE GAS VALVE CUTTER MANHOLE COMB HT ELECT LIGHT POLE POWER POLE STAY POLE TELEPHONE BOX COMMS MAST	L.S.D. No. 100 27 18 E.S.D. No. 100 27 18 C.O.D. No. 100 27 18 DESIGNED: A. MISHRA CHECKED: M. AL TOUNGHI SITE CHECKED RECOMMENDED	DESIGN APPROVAL APPROVED NAME POSITION DATE	TNSW RECOMMENDATION ROAD DESIGN ENGINEERING NAME POSITION DATE	TNSW ACCEPTANCE ACCEPTED NAME POSITION DATE	TRANSPORT FOR NEW SOUTH WALES WAVERLEY COUNCIL TRAFFIC SIGNALS AT YORK ROAD AND WAVERLEY BUS DEPOT ACCESS BOND JUNCTION	EXISTING CADD FILE: VV5122_1A_DES_DRAFT.DGN SCALE 1:1000 FILE SF2021/314067 REG No. DS2021/000905 TCS No. 5122 Revised: 7 August 2021	PROPOSED SCALE 1:1000 FILE SF2021/314067 REG No. DS2021/000905 TCS No. 5122 Revised: 7 August 2021	ISSUE A SHEET 1
					DESIGN APPROVAL APPROVED NAME POSITION DATE	TNSW RECOMMENDATION ROAD DESIGN ENGINEERING NAME POSITION DATE	TNSW ACCEPTANCE ACCEPTED NAME POSITION DATE	TRANSPORT FOR NEW SOUTH WALES WAVERLEY COUNCIL TRAFFIC SIGNALS AT YORK ROAD AND WAVERLEY BUS DEPOT ACCESS BOND JUNCTION	EXISTING CADD FILE: VV5122_1A_DES_DRAFT.DGN SCALE 1:1000 FILE SF2021/314067 REG No. DS2021/000905 TCS No. 5122 Revised: 7 August 2021	PROPOSED SCALE 1:1000 FILE SF2021/314067 REG No. DS2021/000905 TCS No. 5122 Revised: 7 August 2021	ISSUE A SHEET 1
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TCS 5122



MOVEMENTS

SIGNAL GROUP PHASE CHART

SIGNAL GROUP	PHASE WHEN GREEN		STANDARD TABLE	REMARKS
	A	B		
V1	X		73	Timed R.A. protection for P1 pedestrians.
V2	X		73	Timed R.A. protection for P1 pedestrians.
V3		X	1	-
P1		X	2	-

POSTS

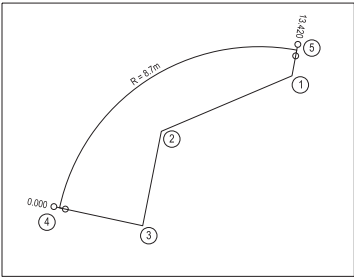
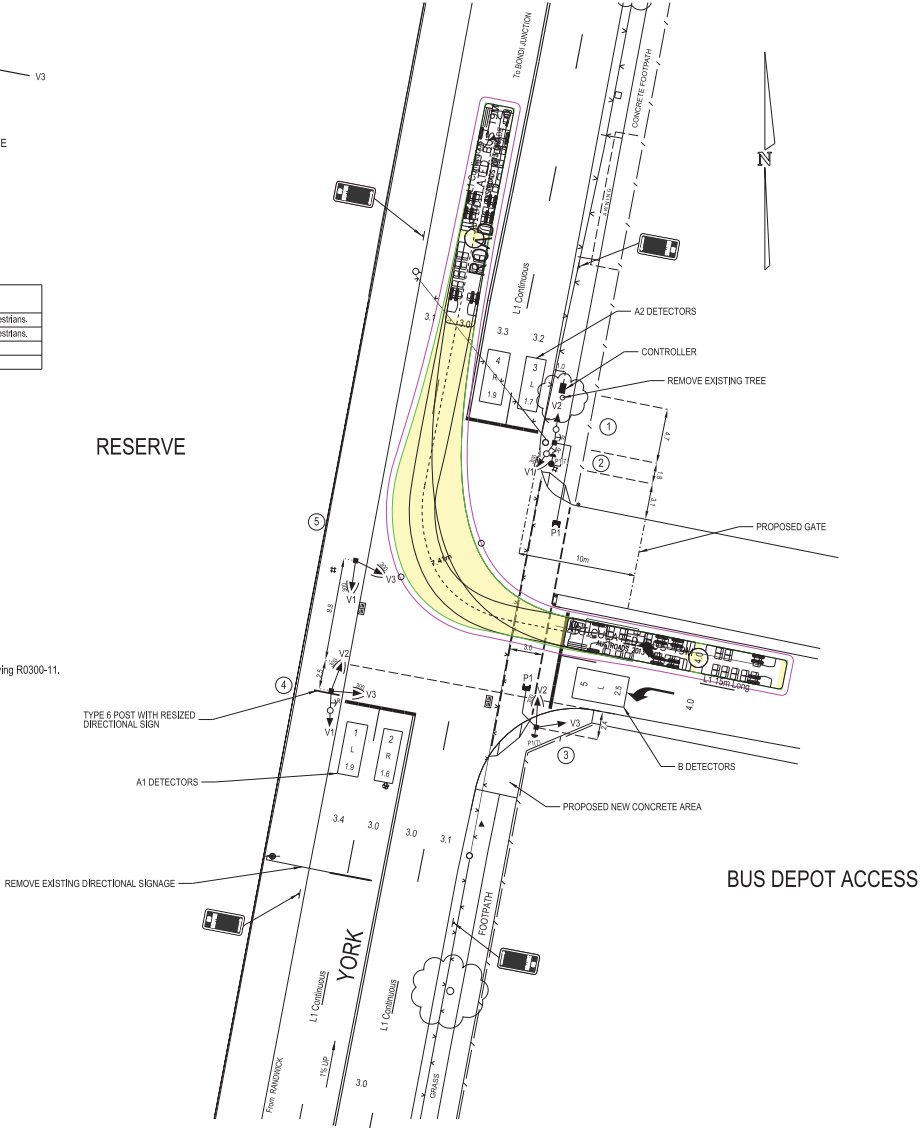
POST	TYPE	LENGTH	OFFSET	REMARKS
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2	13	1.5	1.0	NEW
3	8	4.0	1.0	NEW
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5	8	4.0	1.0	NEW

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- Kerb ramps are to be constructed in accordance with Standard (Road) Drawing R0300-11.
- Parking is to be removed as per RMS Technical Direction TDT2002_12C.
- Construct 42m of kerb return.
- Construct 163m of new concrete pavement.
- Resheet 132m of asphalt.



RESERVE



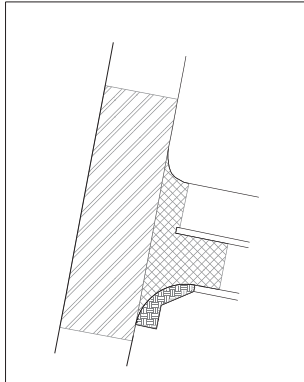
INSET A
SOUTH-EAST KERB RETURN - YORK ROAD
SCALE 1:2

MD1 - YORK ROAD
SOUTHEAST KERB EXTENSION

	CHAINAGE	EASTING	NORTHING	BEARING	RADIUS
START	0.000	337515.331	6248456.025	12 10 48.5	
CENTRE	8.457	337517.115	6248464.202		8.7
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MD1		
POINT	EASTING	NORTHING
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2	337516.392	6248441.385
3	337515.596	6248437.363
4	337512.059	6248438.126
5	337522.157	6248444.843

INSET B
PROPOSED PAVEMENT
SCALE 2:1



BUS DEPOT ACCESS

A ORIGINAL ISSUE	ADVANCE COPY ONLY 12/01/2022	PUBLIC UTILITY LEGEND STOP VALVE GAS VALVE CUTTER MANHOLE COMB HT ELECT LIGHT POLE STAY POLE TELEPHONE BOX COMMS MOUNT	REFERENCE PLANS SYMBOLS/NOTES STOP VALVE GAS VALVE CUTTER MANHOLE COMB HT ELECT LIGHT POLE STAY POLE TELEPHONE BOX COMMS MOUNT	DESIGN APPROVAL APPROVED NAME POSITION DATE	TNSW RECOMMENDATION ROAD DESIGN ENGINEERING NAME POSITION DATE	TNSW ACCEPTANCE ACCEPTED NAME POSITION DATE	TRANSPORT FOR NEW SOUTH WALES		EXISTING <input type="checkbox"/> PROPOSED <input checked="" type="checkbox"/>
							WAVERTLEY COUNCIL TRAFFIC SIGNALS AT YORK ROAD AND WAVERTLEY BUS DEPOT ACCESS BONDI JUNCTION		CADD FILE: VV5122_1A_DES_DRAFT.DGN
							SCALE 1:1000		FILE SF2021/314067
							REG No. DS2021/000905		TCS No. 5122

REPORT
TC/C.02/22.01

Subject: O'Dowd Street, Waverley - Vehicle Length Restriction

TRIM No: SF22/91

Author: Paul Cai, Traffic Engineer
Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council seeks authorisation from Transport for NSW to install the following signs at the entrance to O'Dowd Street from Victoria Street, Waverley:

1. 'No Trucks or Buses (symbolic) Vehicles over 7.5 m.'
2. 'Garbage Trucks Excepted.'

1. Executive Summary

Council has received advice from a resident that drivers of large vehicles such as trucks and delivery vans accessing an unnamed lane off O'Dowd Street have difficulty turning around in the narrow laneway, and that property fences in the laneway have been damaged.

O'Dowd Street is a cul-de-sac. An unnamed lane provides access to the rear garages of the properties in O'Dowd Street and Campbell Street, as shown in Figure 1.

The following measures are proposed for restriction of the vehicle length in O'Dowd Street (as shown in Figure 2):

- Installation of a 'No Trucks or Buses (Symbolic) Vehicles Over 7.5 m (R6-248)' sign to restrict vehicles over 7.5 metres entering the street.
- Installation of a 'Garbage Trucks Excepted (R9-203-2N)' to allow waste vehicle to access the street for waste collection.

These restrictions are 'prescribed traffic control devices.' Council will need authorisation from Transport for NSW to install the signs if the proposed vehicle length restriction is approved.

The proposed restriction will not impact resident access to O'Dowd Street and the laneway.

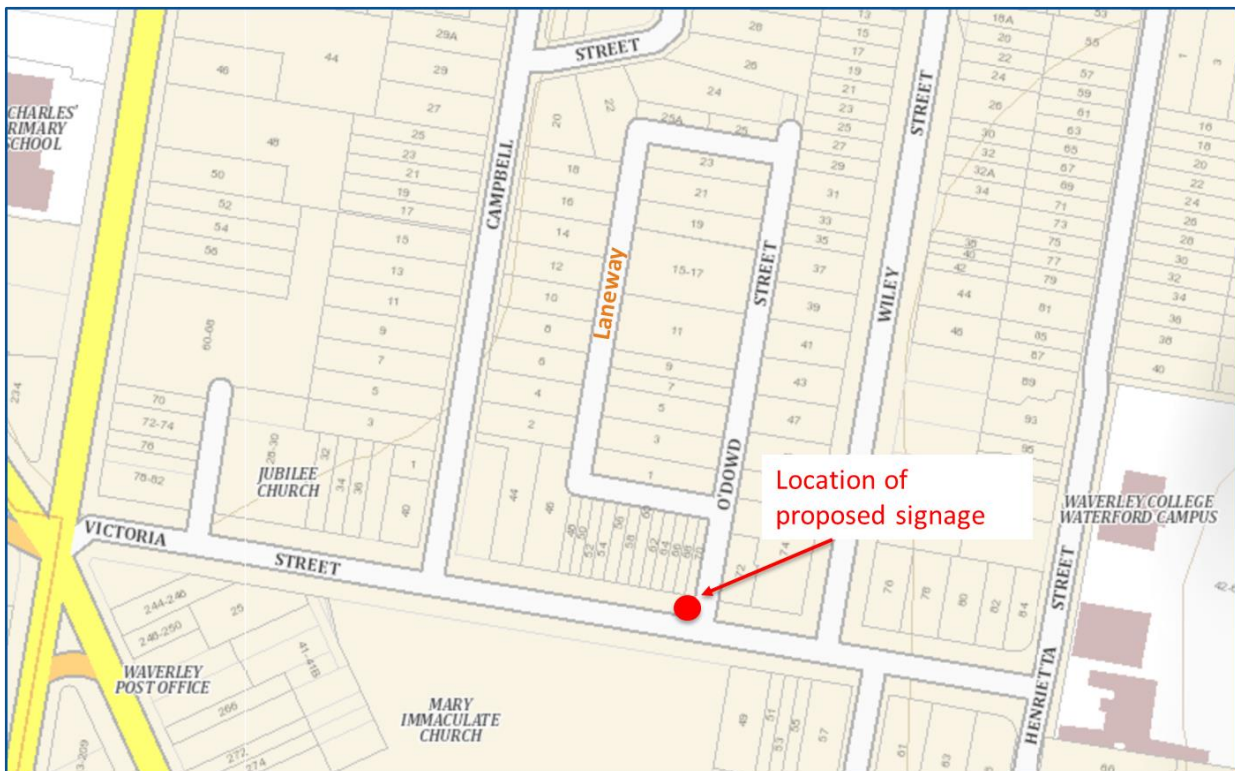


Figure 1. Location of O'Dowd Street and proposed signage.



Figure 2. Signs to be installed at the entrance of O'Dowd Street.

2. Introduction/Background

O'Dowd Street is a no through road off Victoria Street. A narrow laneway is located on the western side of O'Dowd Street. It provides access to garages and turn-around for vehicles in O'Dowd Street.

No turn-around facilities are provided at the cul-de-sac of O'Dowd Street.

It has been reported by residents that delivery vans and trucks entering O'Dowd Street have difficulty turning from O'Dowd Street to the laneway and turning at the bend of the laneway. The fence of 25 and 25A O'Dowd Street has been damaged by turning trucks.

3. Technical Analysis

A site visit was conducted by Councils officers in November 2021. The laneway width is not sufficient to accommodate trucks or large vans.

It is recommended that signage be installed at the entrance of O'Dowd Street to restrict the vehicle length accessing O'Dowd Street, with the exception of waste vehicles.

The following signs are recommended:

- 'No Trucks or Buses (symbolic) Vehicles over 7.5 m' (R6-248).
- 'Garbage Trucks Excepted' (R9-203-2N).

Council does not have delegated authority to approve the signs. Council will need authorisation from Transport for NSW to install the signs if the restriction is approved.

Signage

The proposed signage is shown below.



Figure 3. Proposed signage.

4. Financial Information for Council's Consideration

Council will meet the cost of sign installation from its existing budgets.

5. Attachments

Nil.

REPORT
TC/C.03/22.01

Subject: Scott Street and Marroo Street Intersection, Bronte - 'No Stopping' Zone

TRIM No: A14/0145

Author: Beryl Wang, Professional Engineer, Traffic and Development
Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council installs a 9 metre 'No Stopping' zone on the southern and northern side of Scott Street, Bronte, at the intersection of Marroo Street.

1. Executive Summary

Representations have been received from Council's Waste Collection team to review parking controls at the intersection of Scott Street and Marroo Street, Bronte (see Figure 1). It is reported that cars parked on the southern and northern side of Scott Street adjacent to Marroo Street restrict access for waste vehicles.

It is proposed to signpost 9 metres of 'No Stopping' on either side of Scott Street, west of Marroo Street, as shown in Figure 2.

The Traffic Committee considered this proposal at its meeting on 28 October 2021. The Committee referred the report back to Council officers to undertake further investigations into installing 'No Stopping' zones less than 10 metres at the intersection of Scott Street and Marroo Street, Bronte.

Crossing sight distance and stopping sight distances are satisfactory with 'No Stopping' zones less 10 metres. A swept path analysis for waste vehicles showed the need to provide 9 metres of 'No Stopping.'

It is recommended that Council installs 9 metre 'No Stopping' zones in Scott Street at Marroo Street to facilitate waste truck access from Marroo Street to Scott Street.

Council will need to exercise its delegated functions to implement the proposal.

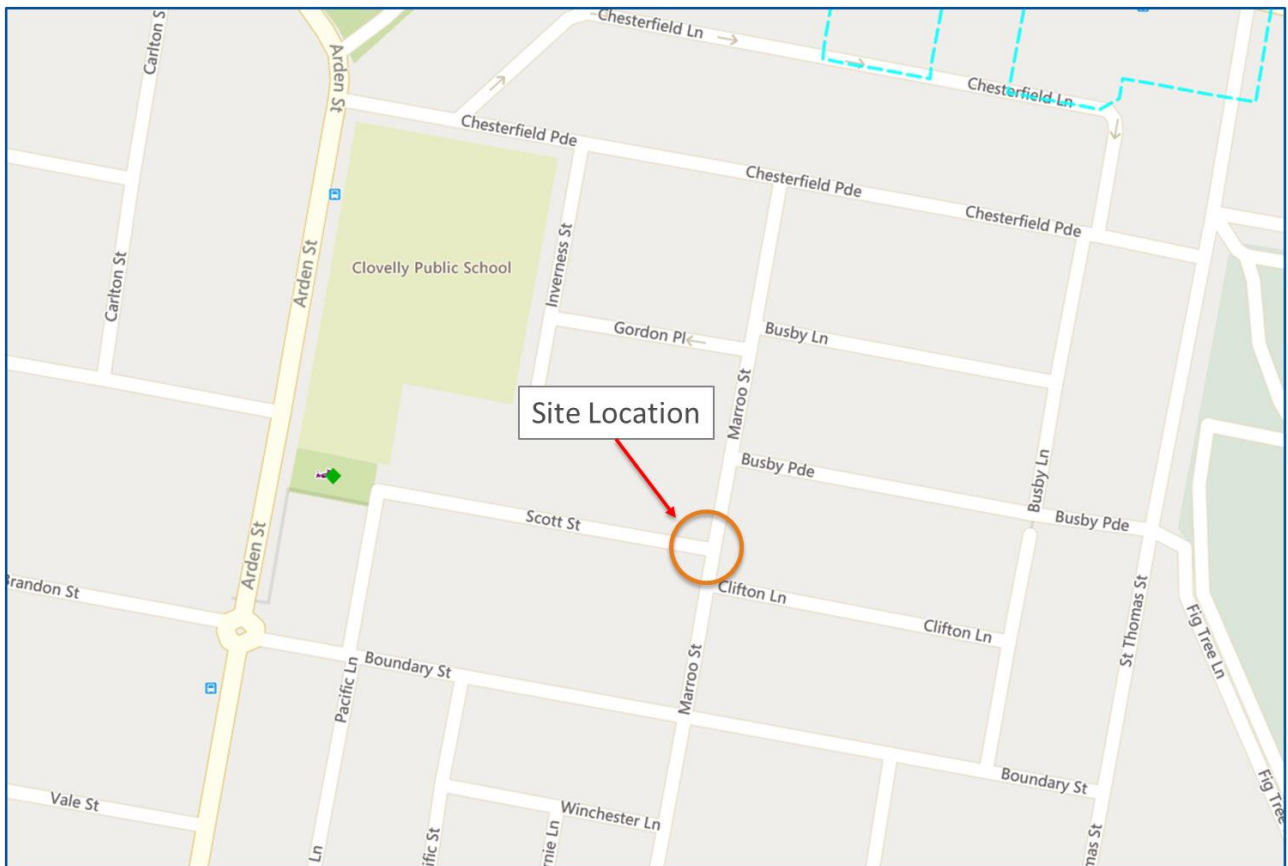


Figure 1. Site location.



Figure 2. Proposed 9 metre 'No Stopping' zone to be signposted.

2. Introduction/Background

Council's Waste Collection team has reported that waste vehicles servicing Scott Street have difficulty turning into and out of Scott Street due to cars parked too close to the intersection.

The statutory 10 metres of No Stopping is not currently signposted.

The proposal was previously considered at the October 2021 Traffic Committee meeting. Further investigation was recommended into installing No Stopping zones of less than 10 metres.

3. Technical Analysis

Compliance with Transport for NSW checklist

An assessment of the reduction of the 10 metre 'No Stopping' distance at the intersection has been completed in accordance with Transport for NSW (TfNSW) Technical Direction TTD 2014/005 'Statutory 10 m 'No Stopping' at unsignalised intersections review checklist.' The TfNSW checklist has been completed (see Table 1).

Table 1. Assessment checklist for reviewing the statutory 'No Stopping' distance at unsignalised intersections.

Site: Scott Street/Marroo Street, Bronte			
Traffic Committee: January 2022		Date of assessment: 13 January 2022	
Name: Beryl Wang			
	Yes	No	Comment
Crossing Sight Distance	√		Scott Street southern side: - 18.5 metres required - 20.2 metres available Currently OK with car parked 6 metres from the intersection (see Figure 4)
Minimum Gap Sight Distance (stopping sight distance)	√		Marroo Street southbound: - 22.4 metres required - More than 30 metres available Marroo Street northbound: - 22.4 metres required - More than 30 metres available Currently OK with car parked close to the intersection
Turning paths	√		Can only accommodate Council's waste vehicles (9.887 metres) if the 'No Stopping' zone is 9 metres or more (see Figures 5 and 6)
Public transport	N/A		-
Emergency vehicle access	√		OK
Angle parking manoeuvres	N/A		-

The critical factor in determining 'No Stopping' requirements for this location is the crossing sight distance. The crossing sight distance (CSD) is the minimum distance a pedestrian requires in order to safely cross the road (see Figure 3).

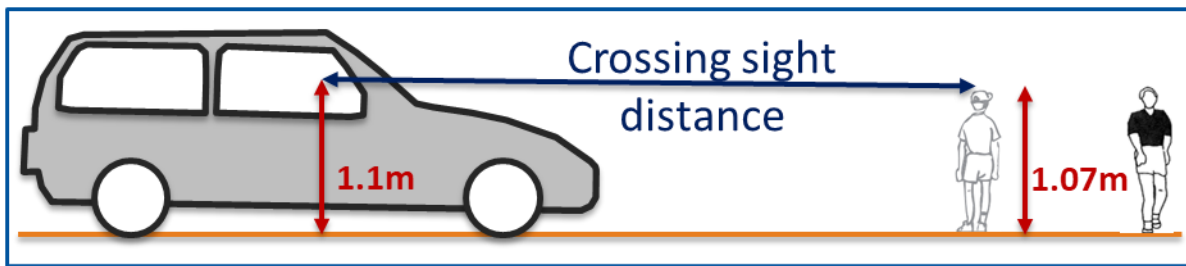


Figure 3. Crossing sight distances.

Traffic speeds on Marroo Street on the approach to the intersection are around 30 km/h (mid-block). The crossing sight distance has been assessed at 25 km/h as a worst-case scenario. The available crossing sight distances are shown in Figure 4. They show that the 'No Stopping' zone on Scott Street could be reduced to 6 metres for general traffic.



Figure 4. Crossing sight distances.

Council waste vehicle access requirements

Council waste vehicles are around 10 metres long (9 metres for the truck itself, plus 1 metre for the scoop added to the rear). These long vehicles require more room to manoeuvre at local road intersections than general traffic.

The swept path of a waste truck turning from Marroo Street to Scott Street at a turning speed of 0–5 km/h is shown in Figures 5 and 6. The swept path diagram is from Austroads for 8.8 medium rigid vehicles. It is similar to the swept path of a Council waste vehicle.

The swept paths show that a 9 metre 'No Stopping' zone is required for a waste vehicle to enter Scott Street.



Figure 5. Waste truck swept path – Northbound.

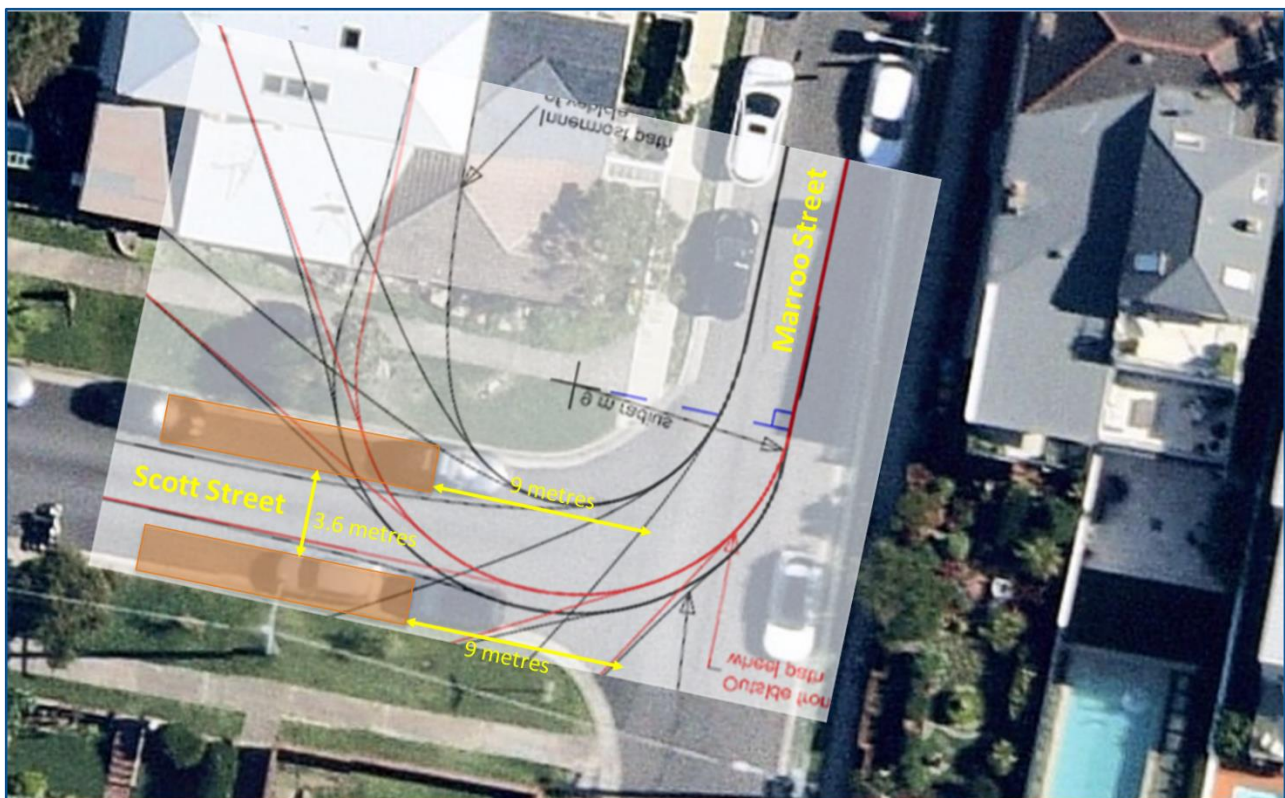


Figure 6. Waste truck swept path – Southbound.

4. Financial Information for Council's Consideration

Council will meet the cost of sign installation from existing budgets.

5. Attachments

Nil.

REPORT
TC/C.04/22.01

Subject: Bronte Bowling Club, 16 Wallace Street, Waverley - Loading Zone

TRIM No: A14/0145

Author: Paul Cai, Traffic Engineer
Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 12 metre 'Loading Zone, 12 pm–4 pm, Tuesday to Friday' on the eastern side of Wallace Street, Waverley, in front of Bronte Bowling Club, as shown in Figure 1 of the report.
2. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of the loading zone, as necessary.

1. Executive Summary

Council has received a request from Bronte Bowling Club to consider installing a loading zone in Wallace Street to facilitate the parking of a beer keg delivery truck.

Council officers propose the installation of a 12 metre 'Loading Zone, 12 pm–4 pm, Tuesday to Friday' in Wallace Street adjacent to the Bronte Bowling Club bistro, as shown in Figure 1.

The loading zone proposed to be installed in Wallace Street is shown in Figure 2.

Council will need to exercise its delegated functions to implement the proposal.



Figure 1. Aerial map of the proposed loading zone.

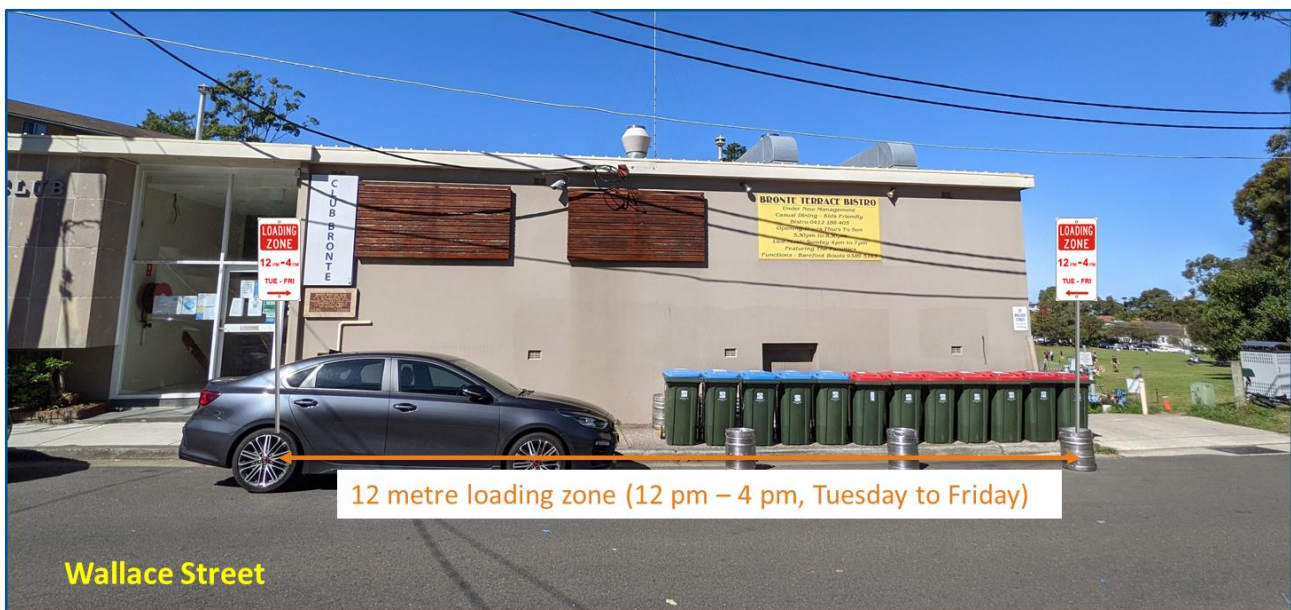


Figure 2. Location and signs of the loading zone.

2. Introduction/Background

A request has been received from Bronte Bowling Club for a loading zone in Wallace Street to accommodate its beer keg delivery truck. The beer keg delivery generally occurs between 12 pm and 4 pm, Tuesday to Friday.

There are currently no dedicated parking facilities near the site to accommodate large delivery trucks.

3. Technical Analysis

Wallace Street is a one-way road with unrestricted parking on the northern and eastern side near the site.

An on-site inspection confirmed that parking is in high demand in Wallace Street. There is a need for a loading zone in close proximity of the club to accommodate a large delivery truck.

It is recommended that Council installs a 12 metre long 'Loading Zone, 12 pm–4 pm, Tuesday to Friday' in front of the Bronte Bowling Club bistro, adjacent to the north end of the driveway to 26 Wallace Street.

As per rule 179 of NSW *Road Rules 2014*, only drivers of vehicles principally constructed for carrying goods may park their vehicle in a loading zone. From 1 September 2021, drivers of all goods vehicles, which includes a station wagon, are now permitted to park in a loading zone while picking up or dropping off goods, for up to 30 minutes.

Drivers of other vehicles may also use loading zones to drop off or pick up passengers at the kerb.

Signage

The proposed signage is shown below.



Figure 3. Proposed signage.

4. Financial Information for Council's Consideration

If changes to signs are approved, Council will fund the cost of installing the signs from existing budgets.

5. Attachments

Nil.

REPORT
TC/C.05/22.01

Subject: 34 Darling Street, Bronte - 'P Disability Only' Zone in Turner Street

TRIM No: A20/0534

Author: Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council installs a 6 metre 'P Disability Only' parking zone in Turner Street, Bronte, between the driveways at the rear of 32 and 34 Darling Street.

1. Executive Summary

Council has received a request from a resident for a 'P Disability Only' parking zone in Turner Street at the rear of 34 Darling Street, Bronte. An assessment of the request was undertaken in December 2021. It satisfies Council's requirements with the exception that the property has an off-street parking space.

The Executive Manager, Infrastructure Services, has assessed the accessibility of the off-street parking and has advised that consideration should be given to providing an on-street space.

It is recommended that the disability zone is installed in Turner Street between the driveways at the rear of 32 and 34 Darling Street.

The location of the site is shown in Figure 1. The proposed disability parking zone is shown in Figure 2.

Council will need to exercise its delegated functions to implement the proposal.

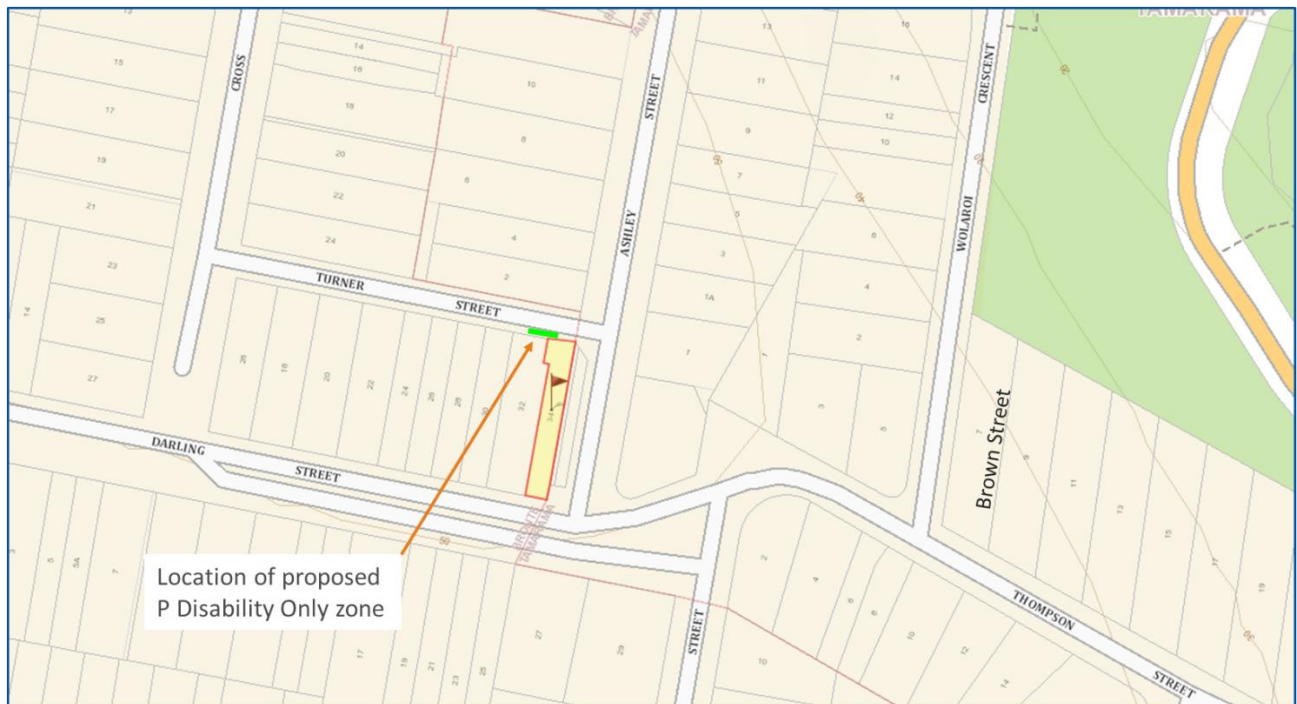


Figure 1. Site location.

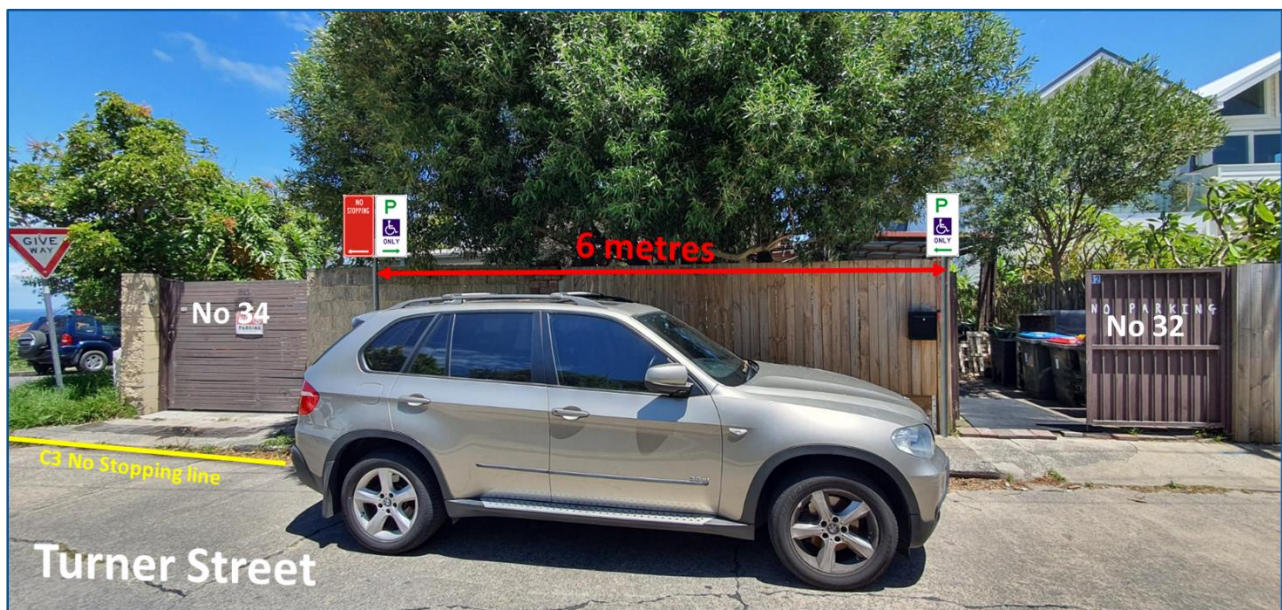


Figure 2. Proposed 'P Disability Only' parking zone location.

2. Introduction/Background

Council's requirements for approval of on-street disabled parking zones outside individual properties are:

1. The applicant must have a vehicle registered to the address fronting the new disability parking space.
2. The applicant must have an approved Transport for NSW Mobility Parking Permit.
3. The applicant must not have access to off-street parking within their property.
4. The level of parking within 50 metres either side and opposite of the property is to be surveyed on two occasions at random by Council officers. The parking demand is to be above 85% capacity on both occasions.

3. Technical Analysis

Compliance of the proposal with Council's standard requirements is presented below.

Table 1. Compliance with Council requirements.

Address	34 Darling Street, Bronte. Disability space to be at the rear in Turner Street
Mobility Parking Permit	Yes
Circumstances leading to requirement	<p>The MPPS holder has limited vision. A doctor has advised that the medical condition increases risk of falls and that any need to negotiate kerbs or to cross roads should be minimised as much as possible</p> <p>The MPPS holder does not drive. The space will be used by a family member (the applicant) at the same address who provides transport for the MPPS holder</p>
Off-street parking available	Yes
Length of property frontage	6 metres at the rear
Length of zone	6 metres
On-street parking occupancy within 50 metres either side of the property	80% (combined average from 2 site visits) occupied during the day
Other on-street disability spaces	None

Provision of a disability space in this case is not strictly in accordance with Council's requirements because the site has off-street parking.

The applicant has advised that access to the off-street parking has been compromised in the past due to people parking too close to the driveway. This is despite the applicant's driveway being in a No Stopping zone.

This issue was examined by the Traffic Committee at its meeting on 25 February 2021. Installation of C3 line marking along the existing statutory 'No Stopping' zones at the intersection of Turner Street and Ashley Street was recommended and approved by Council. The line marking has been installed.

The applicant has advised that she still requires the disabled on-street parking space.

The Executive Manager, Infrastructure Services, has assessed the accessibility of the off-street parking and advised that consideration should be given to providing the on-street space.

Signage

The proposed signage is shown below.



Figure 4. Proposed signage.

4. Financial Information for Council's Consideration

If approved, Council will supply and install the signs and remove existing signs with funds from existing budgets.

5. Attachments

Nil.

REPORT
TC/C.06/22.01

Subject: 6 Gordon Place, Bronte - Construction Zone

TRIM No: A03/2514-04

Author: Paul Cai, Traffic Engineer
Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 11.5 metre 'No Parking 9 am–2.30 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' construction zone in front of 6 Gordon Place, Bronte.
2. Requires the applicant to notify residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

1. Executive Summary

Council has received an application from the builder/developer of 6 Gordon Place, Bronte, for the installation of a 11.5 metre construction zone in front of the site in Gordon Place (see Figure 1).

6 Gordon Place has a site frontage of 11.5 metres. Council officers propose the installation of a 11.5 metre construction zone along the site frontage, as shown in Figure 2.

The weekday construction zone will operate from 9 am to 2.30 pm instead of the standard 7 am to 5 pm in order to reduce the chance that deliveries will occur during school drop-off and pick-up times at Clovelly Public School.

Council will need to exercise its delegated functions to implement the proposal.

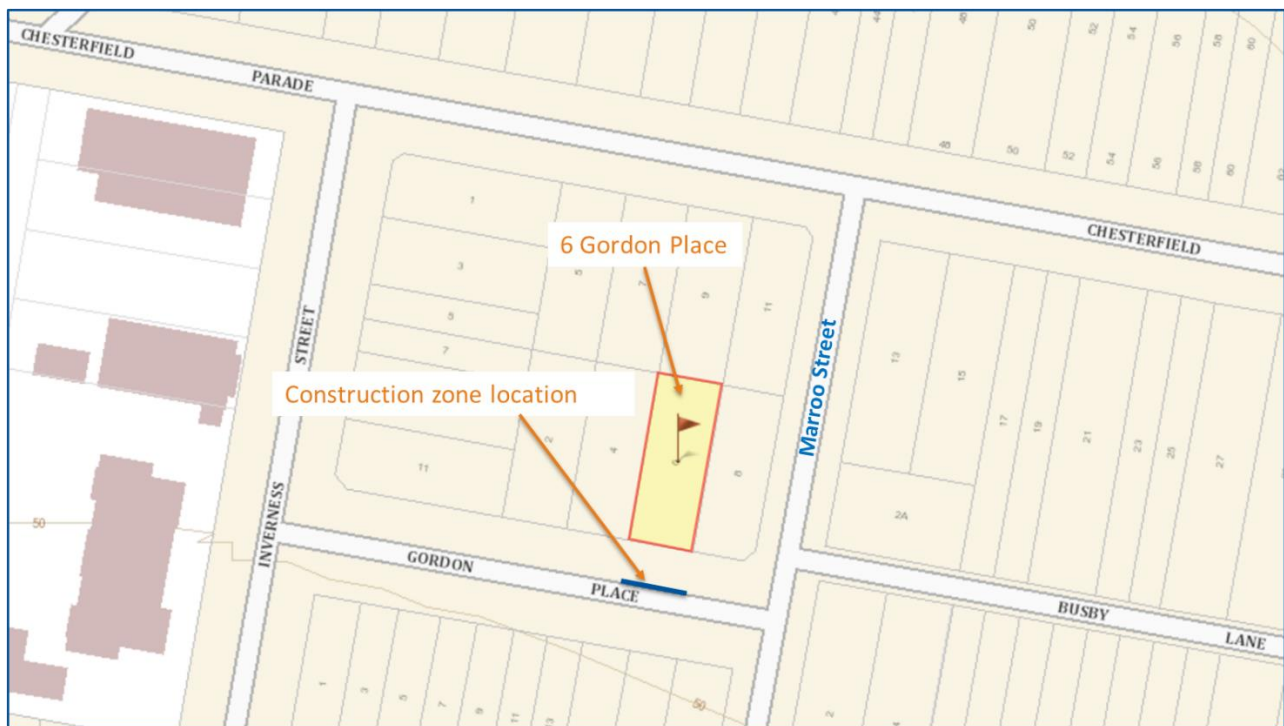


Figure 1. Site location.

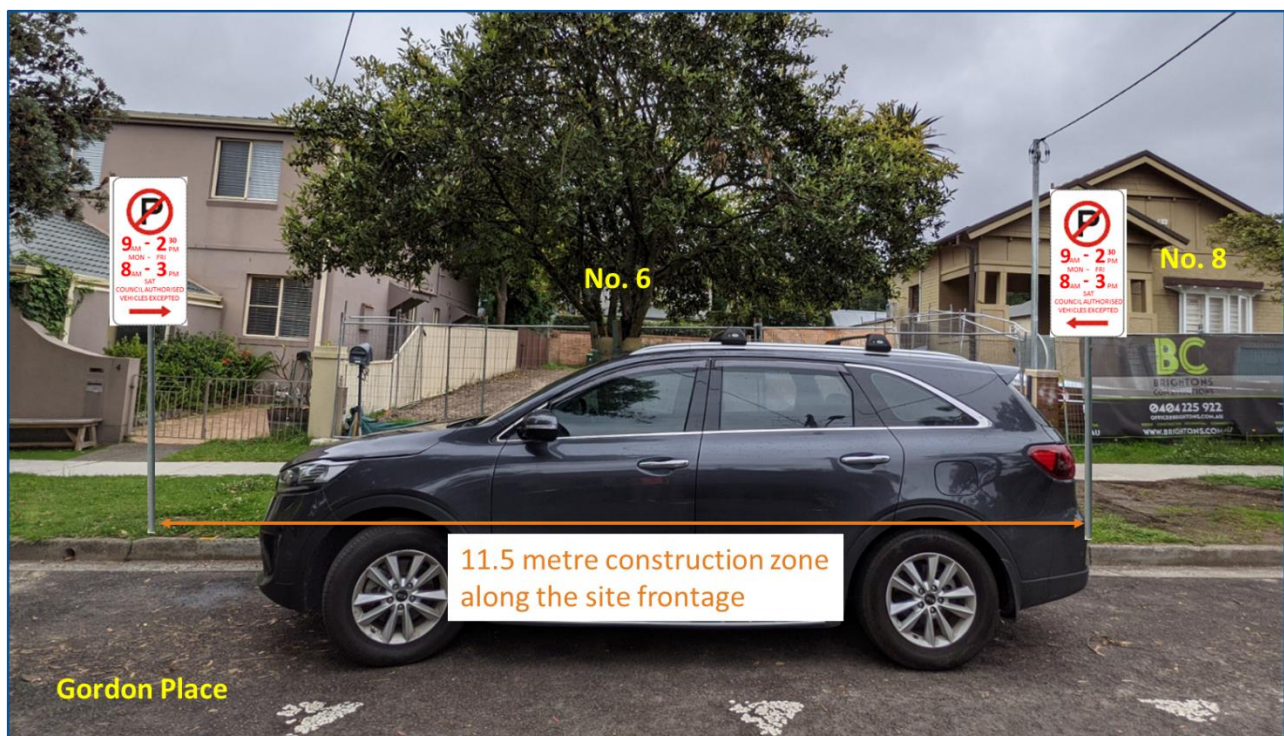


Figure 2. Proposed location of construction zone.

2. Introduction/Background

In accordance with standard practice at Council, it is proposed that the construction zone is signposted 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' for the approved construction hours under the development consent.

In this case, it is proposed that the construction zone will operate from 9 am to 2.30 pm on weekdays instead of the standard 7 am to 5 pm in order to reduce the chance that deliveries will occur during school drop-off and pick-up times at Clovelly Public School.

Council will then supply the applicant with transferable permits to be used on the applicant's construction vehicles. The Traffic Committee and Council's requirements for permit approvals are a minimum length of 9 metre along the site frontage with a minimum period of 13 weeks.

3. Technical Analysis

The existing and recommended parking controls in front of the site are shown below.

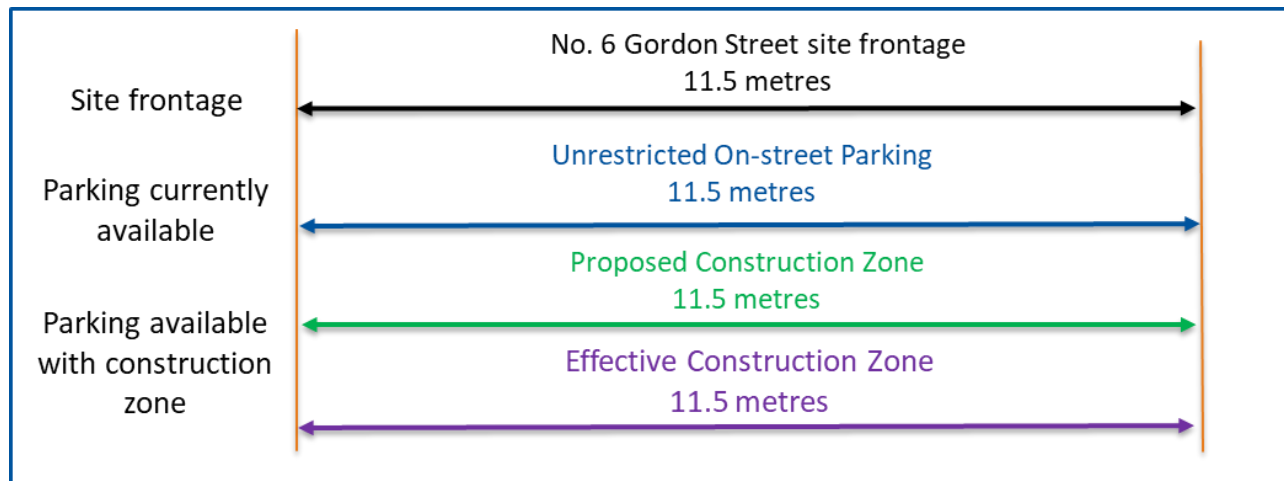


Figure 3. Parking controls.

Table 1. Application details.

Applicant	Newport Homes Pty Ltd
Development application	DA-390/2020
Works	Construction of a two-storey dwelling including integrated parking, cabana and swimming pool at rear.
Approved hours of construction	9 am–2.30 pm Monday–Friday; 8 am–3 pm Saturday
Frontage length	11.5 metres
Road	Gordon Place
Existing parking	Unrestricted
Length requested by applicant	11.5 metres
Length to be signposted	11.5 metres
Effective construction zone - Total length available for construction	11.5 metres
Duration	13 weeks
Fee area	Residential area
Estimated fees	\$805 per week

Signage

The proposed signage is shown below.

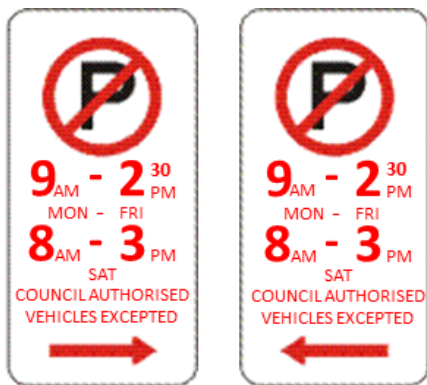


Figure 4. Proposed signage.

Notification

Businesses and residents in the vicinity of the construction zone will be notified prior to it being installed. Figure 5 shows the properties to be notified about the construction zone.



Figure 5. Notification area (hatched).

4. Financial Information for Council's Consideration

The cost to the applicant for the 11.5 metres made available for construction vehicles will be \$805 per week. The estimated weekly fees are shown in Table 2.

Table 2. Calculation of estimated fees.

Category	Unit	Number/ Dimensions	Rate (GST Exempt)	Fee
Fee (Areas zoned low, medium, or high density residential)				
- Parallel parking	per metre	11.5 metres	\$70.00	\$805.00
- Angle parking	per week	-	\$139.00	-
Fee (Areas zoned neighbourhood centre, commercial core, or mixed use)				
- Parallel parking	per metre	-	\$97.00	-
- Angle parking	per week	-	\$190.00	-
Occupation of metered parking spaces (in addition to the above fees)	per space per week	-	\$387.00	-
Weekly Fee				\$805.00

5. Attachments

Nil.

REPORT
TC/C.07/22.01

Subject: 106 Hewlett Street, Bronte - Construction Zone

TRIM No: SF22/199

Author: Beryl Wang, Professional Engineer, Traffic and Development
Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 9 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' construction zone in front of 102 Hewlett Street, Bronte.
2. Requires the applicant to notify residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

1. Executive Summary

Council has received an application from the builder/developer at 106 Hewlett Street, Bronte, for the installation of a 9 metre (minimum) construction zone on Ramsgate Avenue (see Figure 1).

The frontage of 106 Hewlett Street is in a 'No Stopping' zone. Council officers propose the installation of a 9 metre construction zone in front of 102 Hewlett Street (as shown in Figure 2).

Concurrence from the occupiers of 102 and 104 Hewlett Street has been obtained.

Council will need to exercise its delegated functions to implement the proposal.

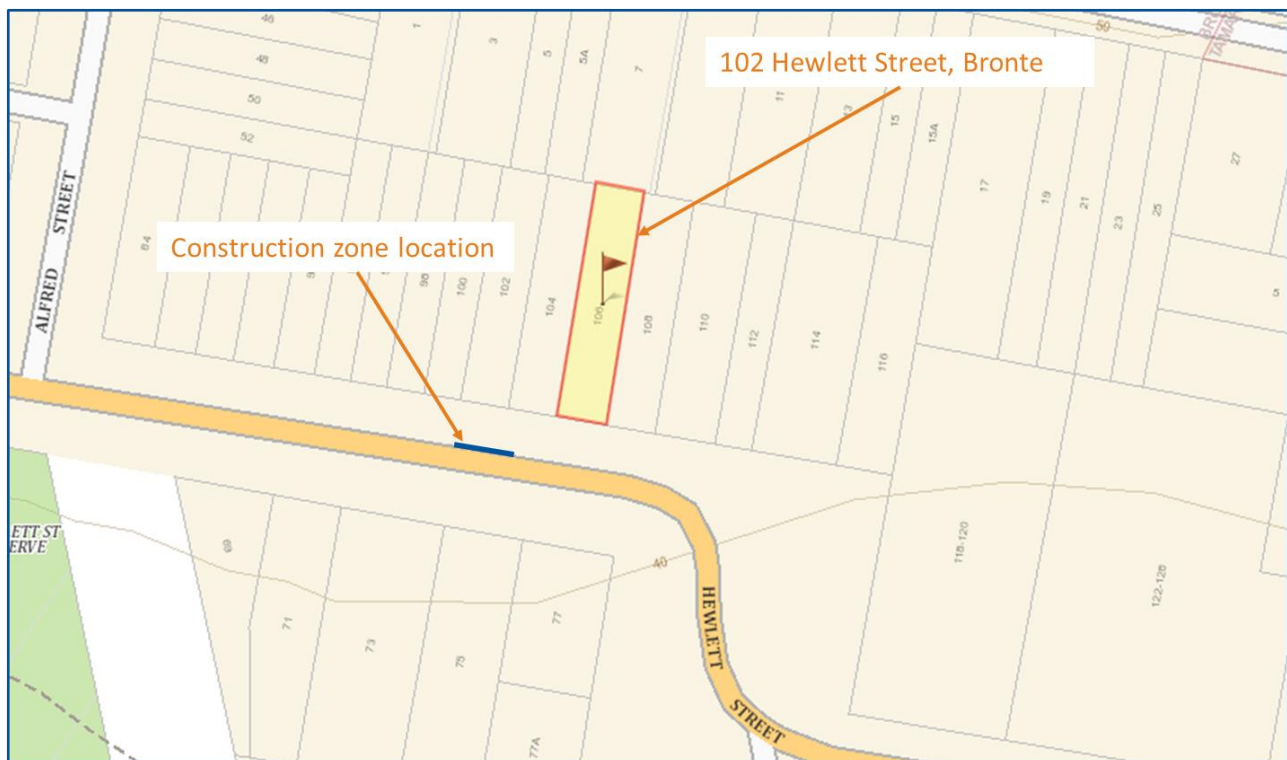


Figure 1. Site location.



Figure 2. Proposed location of construction zone.

2. Introduction/Background

In accordance with standard practice at Council, it is proposed that the construction zone is signposted 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' for the approved construction hours under the development consent. Council will then supply the applicant with transferable permits to be used on the applicant's construction vehicles. The Traffic Committee and Council's requirements for permit approvals are a minimum length of 9 metre along the site frontage with a minimum period of 13 weeks.

3. Technical Analysis

The frontage of the construction site is in a 'No Stopping' zone. The 'No Stopping' zone also covers part of the frontage of 104 Hewlett Street. Due to these restrictions, the construction zone will need to be installed on the south side of 102 and 104 Hewlett Street.

The applicant has consulted the residents at 102 and 104 Hewlett Street. Both neighbours have agreed (in writing) to having the construction zone across their frontage of their own properties.

The 9 metre construction zone will be installed on Hewlett Street from a light post located between 10 and 12 Hewlett Street to the existing 'No Stopping' (right) sign in front of 104 Hewlett Street.

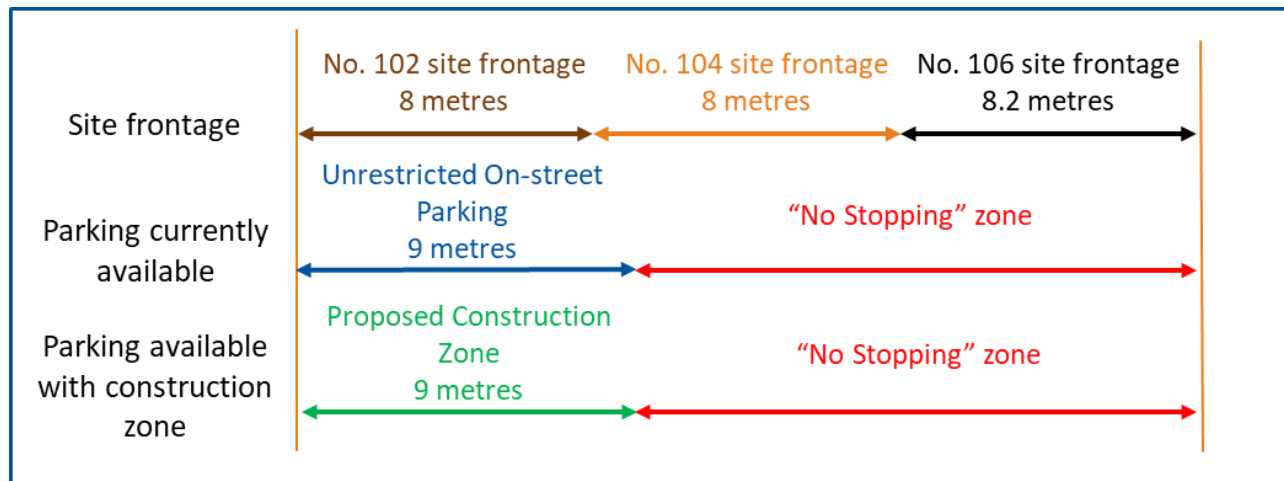


Figure 3. Parking controls

Table 1. Application details.

Applicant	Luke Coleman
Development application	DA-105/2020
Works	Demolition of existing semi-detached dwelling, and construction of a new two storey semi-detached dwelling with garage and pool.
Approved hours of construction	7 am–5 pm Monday–Friday; 8 am–3 pm Saturday
Frontage length	8.2 metres
Road	Hewlett Street
Existing parking	Unrestricted on-street parking
Length requested by applicant	9 metres (minimum)
Length to be signposted	9 metres
Effective construction zone - Total length available for construction	9 metres
Duration	6 months
Fee area	Low-density residential area
Estimated fees	\$630 per week

Signage

The proposed signage is shown below.

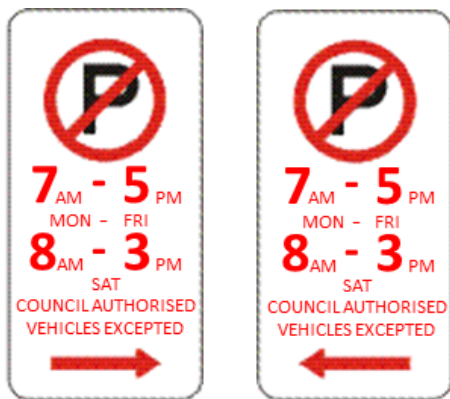


Figure 4. Proposed signage.

Notification

Businesses and residents in the vicinity of the construction zone will be notified prior to it being installed. Figure 5 shows the properties to be notified about the construction zone.



Figure 5. Notification area (hatched).

4. Financial Information for Council's Consideration

The cost to the applicant for the 9 metre construction zone will be \$630 per week. The estimated weekly fees are shown in Table 2.

Table 2. Calculation of estimated fees.

Category	Unit	Number/ Dimensions	Rate (GST Exempt)	Fee
Fee (Areas zoned low, medium, or high density residential)				
- Parallel parking	per metre	9	\$70.00	\$630.00
- Angle parking	per week		\$139.00	\$0.00
Fee (Areas zoned neighbourhood centre, commercial core, or mixed use)				
- Parallel parking	per metre		\$97.00	\$0.00
- Angle parking	per week		\$190.00	\$0.00
Occupation of metered parking spaces (in addition to the above fees)	per space per week		\$387.00	\$0.00
Weekly Fee				\$630.00

5. Attachments

Nil.

REPORT
TC/V.01/22.01

Subject: Murriverie Road, North Bondi - Bus Zone Modification

TRIM No: A20/0076

Author: Paul Cai, Traffic Engineer
Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council reduces the length of the bus zone outside 38, 40 and 42 Murriverie Road, North Bondi, from 30 metres to 20 metres.

1. Executive Summary

Council officers have received a request from a resident to reconfigure a bus zone in front of 38, 40 and 42 Murriverie Road, North Bondi. The bus zone currently spans 30 metres adjacent to a statutory 10 metre 'No Stopping' zone east of Justus Street.

The combined 40 metres of clear space is longer than the standard 30 metres required for a 12.5 metre bus to effectively draw-in and draw-out. It is proposed to reduce the combined length from 40 metres to 30 metres by reducing the bus zone length from 30 metres to 20 metres.

The site location is shown in Figure 1.

Council will need to exercise its delegated functions to implement the proposal.

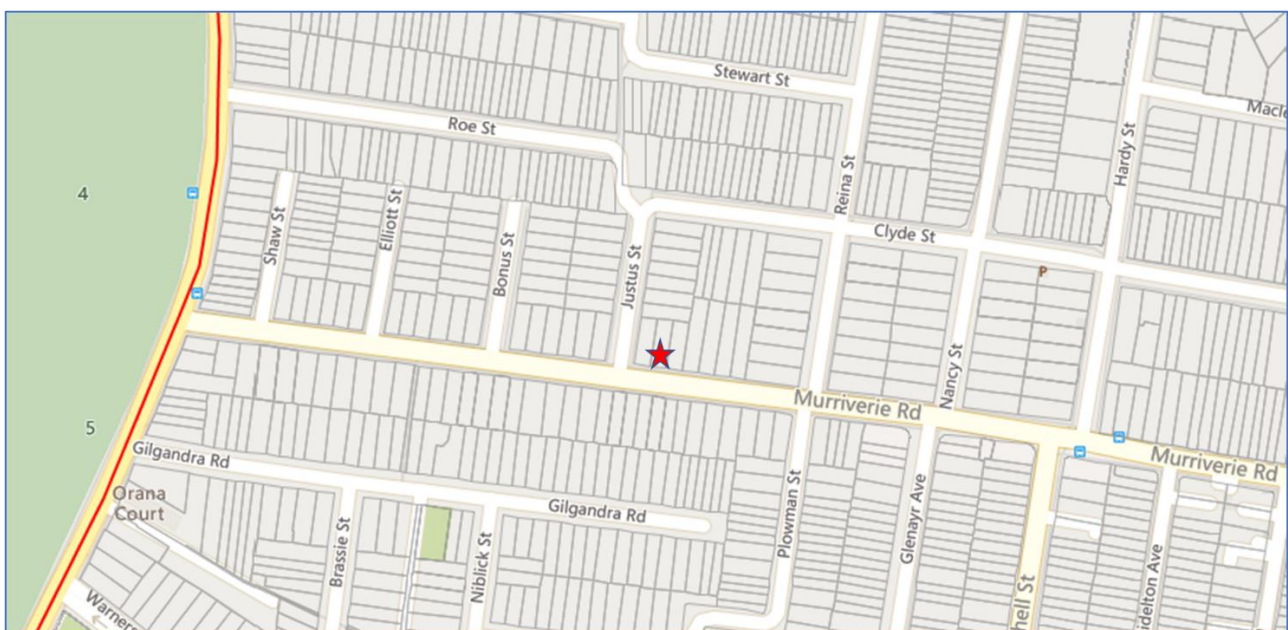


Figure 1. Site location.

2. Introduction/Background

At its meeting on 27 May 2021, the Traffic Committee recommended the installation of a bus zone for a span of 20 metres outside 40 and 42 Murrivier Road, North Bondi (TC/V.03/21.05). At its meeting on 22 June 2021, Council approved the recommendation (CM/5.3/21.06). The approved bus zone is shown below (Figure 2).



Figure 2. Approved bus zone indicating a span of 20 metres.

3. Technical Analysis

The bus zone length was mistakenly reported as 20 metres. It has since been revisited and found to be 30 metres.

A standard 12.5 metre bus has the following dimensions:

Table 1. Bus stop dimensions.

Bus Stop Dimension (m)	Standard	Long Rigid	Articulated
Length of Bus	12.5	14.5	18.0
Minimum draw-out length	6.0	6.5	8.0
Minimum draw-in length	11.5	14.0	14.0
Bus Zone length for one bus	30.0	35.0	40.0

Council officers propose to reduce the 30 metre bus zone to 20 metres.

The bus zone's draw-in and draw-out lengths will not be impacted, as the bus will be able to use the 10 metre No Stopping zone to draw-in.

The total kerb length to be utilised by a bus will comprise of 10 metres No Stopping and a 20 metre bus zone. This is shown in Figure 3.

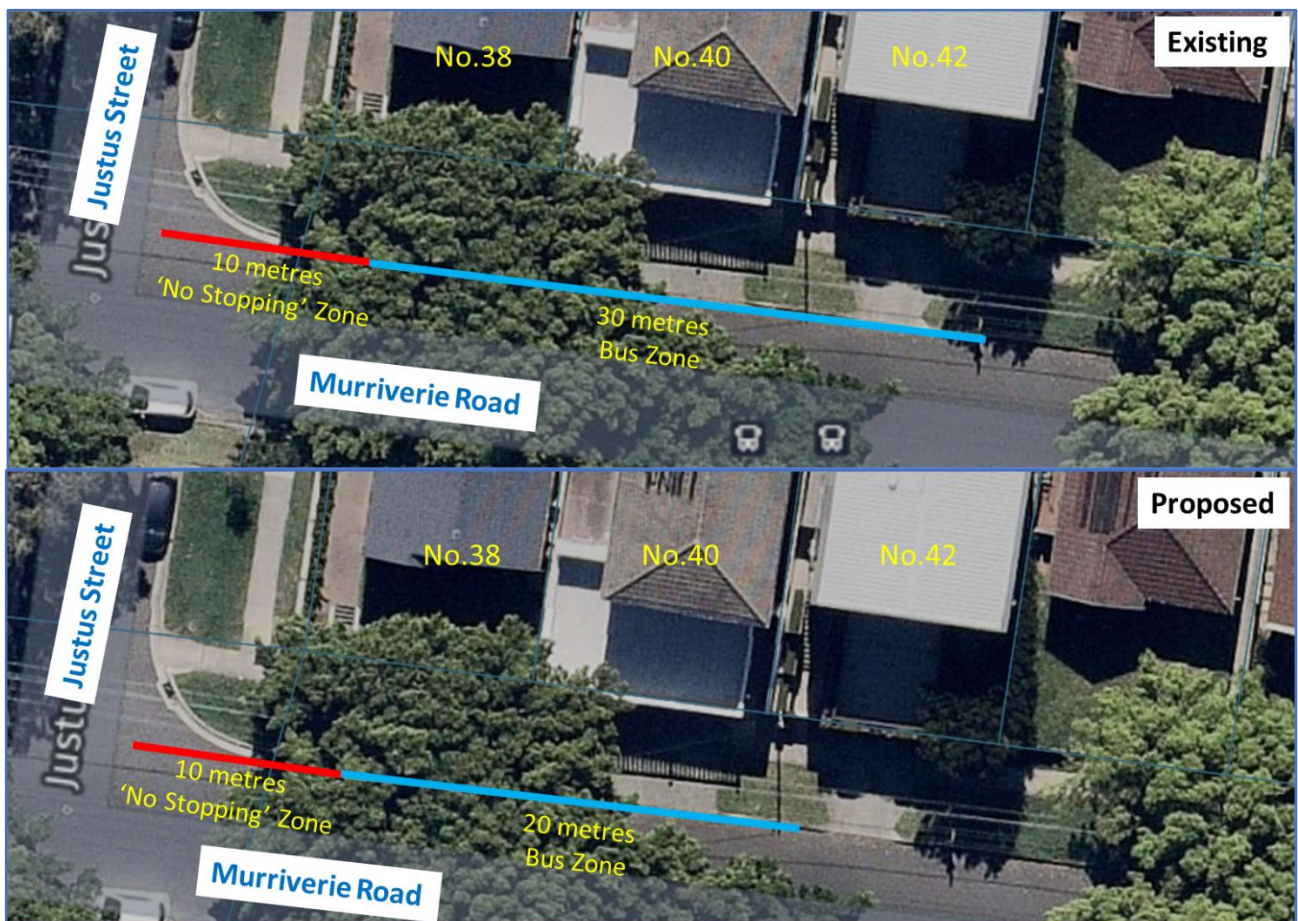


Figure 3. Existing and proposed parking restrictions.

4. Financial Information for Council's Consideration

Council will meet the cost of sign installations and modifications from existing budgets.

5. Attachments

Nil.

REPORT
TC/V.02/22.01

Subject: 1/60 Roscoe Street, Bondi Beach - 'P Disability Only' Zone

TRIM No: SF21/5406

Author: Paul Cai, Traffic Engineer
Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council installs a 5.4 metre 'P Disability Only' parking zone in front of 60 Roscoe Street, Bondi Beach.

1. Executive Summary

Council has received a request from a resident for a 'P Disability Only' parking zone in Roscoe Street outside 60 Roscoe Street, Bondi Beach.

An assessment of the request was undertaken in November 2021.

It is recommended that a 5.4 metre disability parking zone is installed in front of 60 Roscoe Street, to the northwest side of the driveway to 62–64 Roscoe Street. The location of the site is shown in Figure 1. The proposed disability parking zone is shown in Figure 2.

Council will need to exercise its delegated functions to implement the proposal.

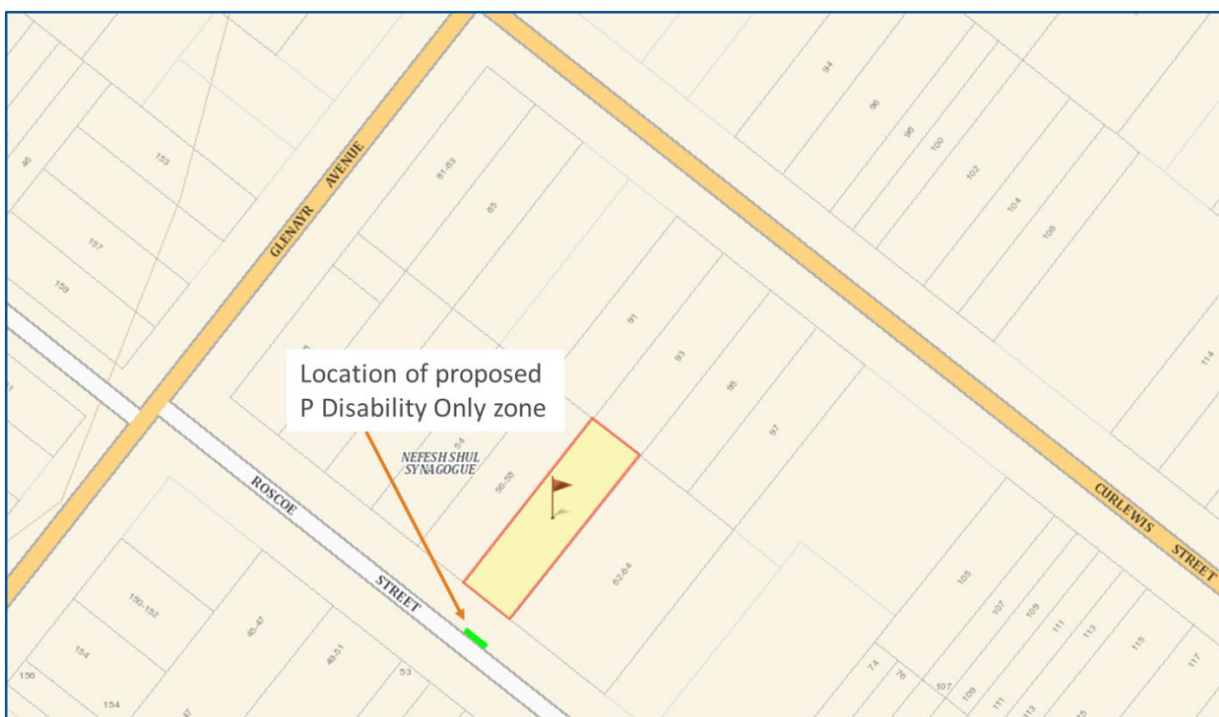


Figure 1. Site location.

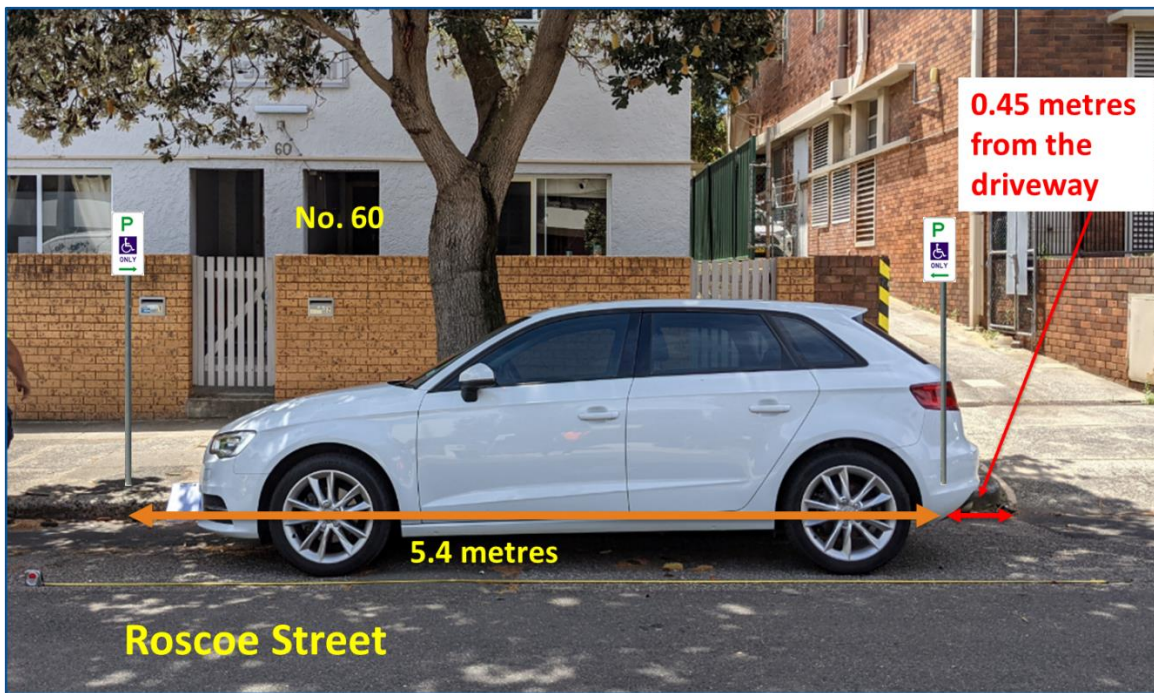


Figure 2. Proposed 'P Disability Only' parking zone.

2. Background

Council's requirements for approval of on-street disabled parking zones outside individual properties are:

1. The applicant must have a vehicle registered to the address fronting the new disability parking space.
2. The applicant must have an approved Transport for NSW Mobility Parking Permit.
3. The applicant must not have access to off-street parking within their property.
4. The level of parking within 50 metres either side and opposite of the property to be surveyed on two occasions at random by Council officers. The parking demand is to be above 85% capacity on both occasions.

3. Technical Analysis

Compliance of the proposal with Council's standard requirements is presented below.

Table 1. Compliance with Council requirements.

Address	1/60 Roscoe Street, Bondi Beach
Mobility Parking Permit	Yes
Circumstances leading to requirement	To assist access of wheely walker or wheelchair. Residents previously had a disability parking space at 18 Richard Avenue and have recently moved from Richard Avenue to 60 Roscoe Street
Off-street parking available	No
Length of property frontage	12 metres
Length of zone	5.4 metres
On-street parking occupancy within 50 metres either side of the property	90%-95% occupied during the day

Signage

The proposed signage is shown below.

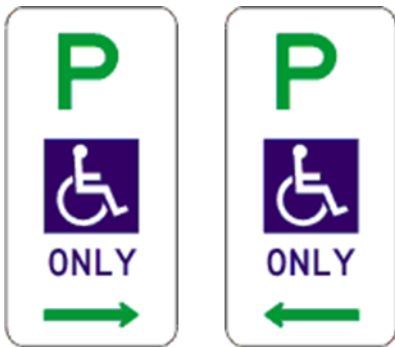


Figure 3. Proposed signage.

4. Financial Information for Council's Consideration

Council will supply and install the signs and remove existing signs with funds from existing budgets.

5. Attachments

Nil.

REPORT
TC/V.03/22.01

Subject: 8/133 Hastings Parade, North Bondi - 'P Disability Only' Zone

TRIM No: SF21/5408

Author: Paul Cai, Traffic Engineer
Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council lengthens the 'P Disability Only' parking zone in front of 129 Hastings Parade, North Bondi, towards the south-east by 5.2 metres from 6.8 metres to 12 metres to accommodate 2 cars.

1. Executive Summary

Council has received a request from a resident of 133 Hastings Parade, North Bondi, for a 'P Disability Only' parking zone in Hastings Parade.

An assessment of the request was undertaken in November 2021.

There is an existing 6.8 metre long 'P Disability Only' parking zone outside 129 Hastings Parade, adjacent to 131 Hastings Parade.

It is recommended to extend the existing disability parking zone towards the frontage of 131 Hastings Parade to be 12 metres. The proposed length is able to be accommodate 2 parking spaces.

The location of the site and the proposed disability parking zone are shown in Figures 1 and 2.

Council will need to exercise its delegated functions to implement the proposal.

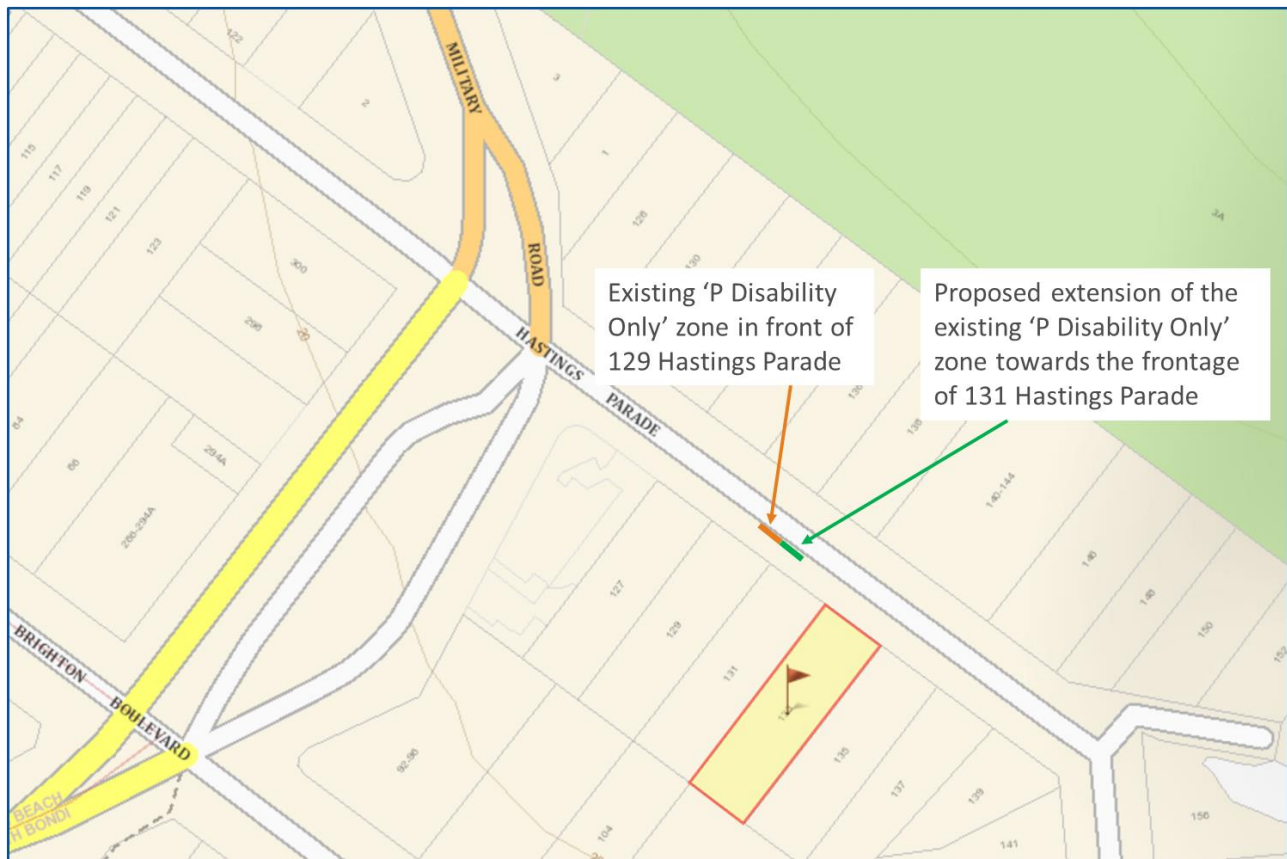


Figure 1. Site location.



Figure 2. Proposed extension of 'P Disability Only' parking zone.

2. Introduction/Background

Council's requirements for approval of on-street disabled parking zones outside individual properties are:

1. The applicant must have a vehicle registered to the address fronting the new disability parking space.
2. The applicant must have an approved Transport for NSW Mobility Parking Permit.
3. The applicant must not have access to off-street parking within their property.

4. The level of parking within 50 metres either side and opposite of the property is to be surveyed on two occasions at random by Council officers. The parking demand is to be above 85% capacity on both occasions.

3. Technical Analysis

Compliance of the proposal with Council's standard requirements is presented below.

Table 1. Compliance with Council requirements.

Address	8/133 Hastings Parade, North Bondi
Mobility Parking Permit	Yes
Circumstances leading to requirement	Carer and disability permit holder request a disability parking space on street with high parking demand.
Off-street parking available	No
Length of property frontage	12 metres
Length of zone	Integrate the proposed disability parking space with the existing 'P Disability Only' parking zone in front of 129 Hastings Parade. The total length of the two disability parking spaces is 12 metres in front of 129 and 131 Hastings Parade.
On-street parking occupancy within 50 metres either side of the property	Greater than 95% occupied during the day

Signage

The proposed signage is shown below.



Figure 3. Proposed signage.

4. Financial Information for Council's Consideration

Council will supply and install the signs and remove existing signs with funds from existing budgets.

5. Attachments

Nil.

REPORT
TC/V.04/22.01

Subject: 2/335 Military Road, Vaucluse - 'P Disability Only' Zone

TRIM No: SF22/65

Author: Beryl Wang, Professional Engineer, Traffic and Development
Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council installs a 5.4 metre 'P Disability Only' parking zone in front of 337 Military Road, Vaucluse, adjacent to the west end of the existing 'No Stopping' zone in Military Road.

1. Executive Summary

Council has received a request from a resident for a 'P Disability Only' parking zone in Military Road outside of 335 Military Road, Vaucluse.

An assessment of the request was undertaken in December 2021.

It is recommended that a 5.4 metre disability zone is installed in front of 337 Military Road adjacent to the west end of the existing 'No Stopping' zone in Military Road. The location of the site is shown in Figure 1. The proposed disability parking zone is shown in Figure 2.

Council will need to exercise its delegated functions to implement the proposal.

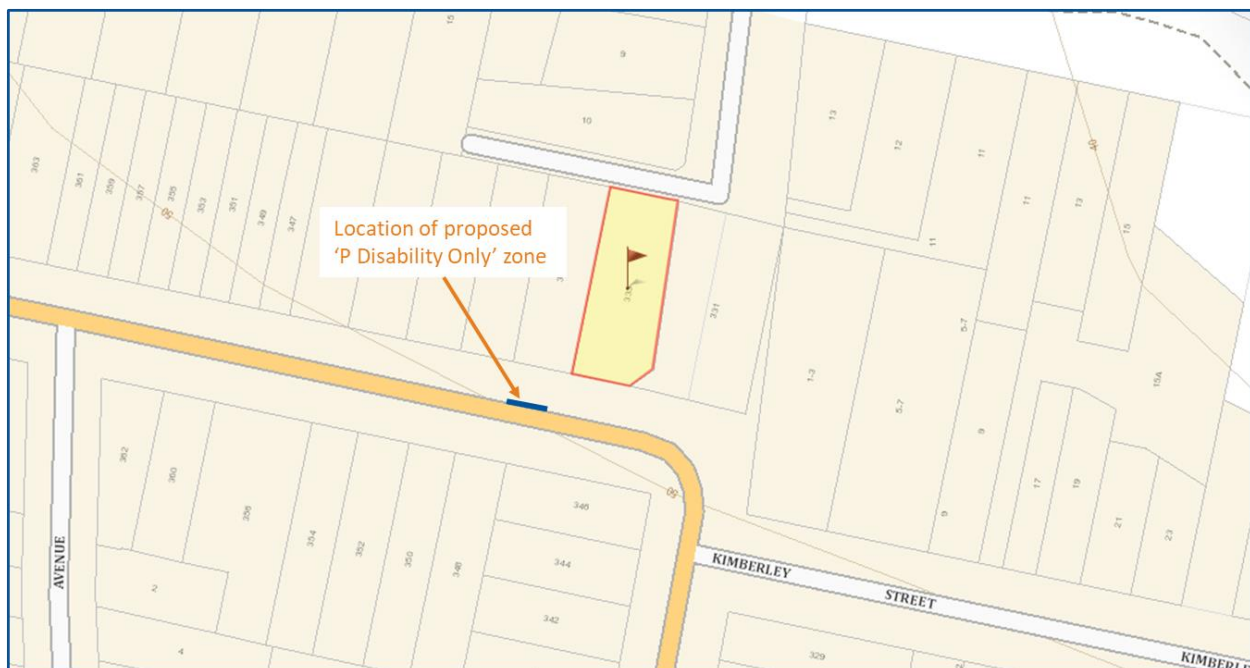


Figure 1. Site location.

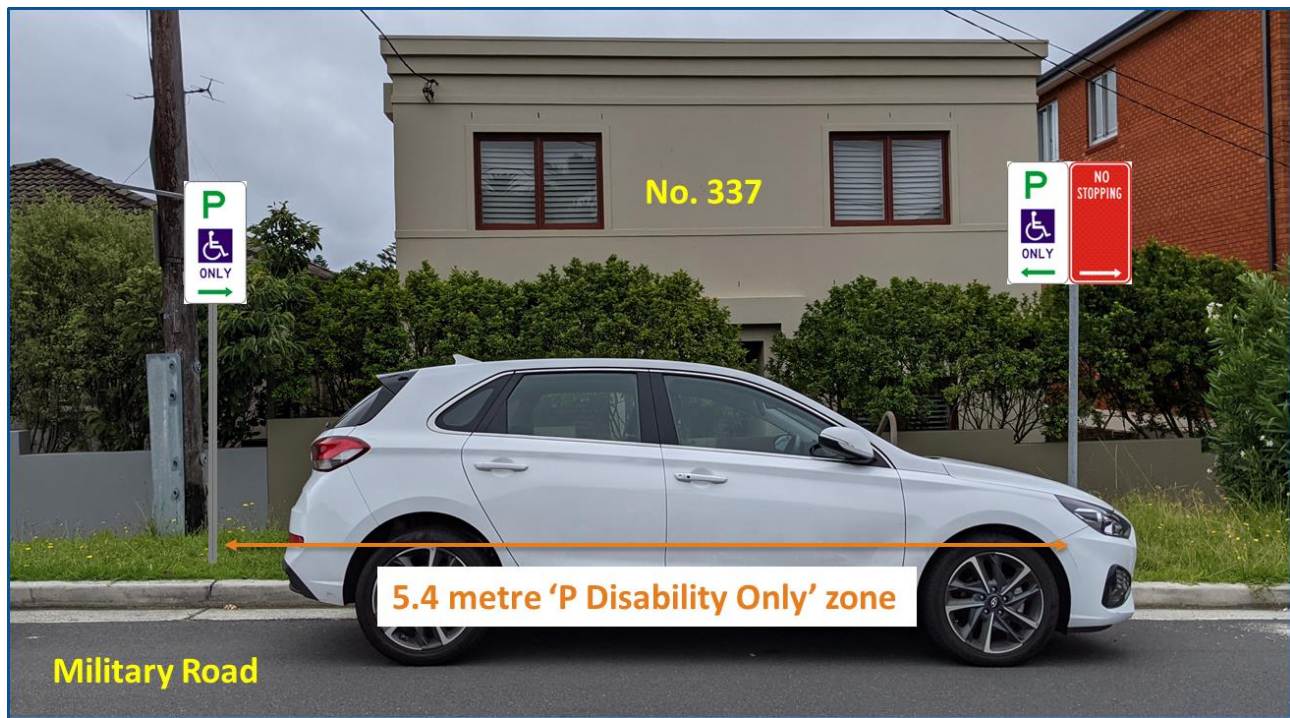


Figure 2. Proposed 'P Disability Only' parking zone.

2. Introduction/Background

Council's requirements for approval of on-street disabled parking zones outside individual properties are:

1. The applicant must have a vehicle registered to the address fronting the new disability parking space.
2. The applicant must have an approved Transport for NSW Mobility Parking Permit.
3. The applicant must not have access to off-street parking within their property.
4. The level of parking within 50 metres either side and opposite of the property is to be surveyed on two occasions at random by Council officers. The parking demand is to be above 85% capacity on both occasions.

3. Technical Analysis

Compliance of the proposal with Council's standard requirements is presented below.

Table 1. Compliance with Council requirements.

Address	2/335 Military Road, Vaucluse
Mobility Parking Permit	Yes
Circumstances leading to requirement	On-site garage width does not allow for full door opening. Resident experiences difficulty getting in and out of the car as he needs to use a cane. The use of the cane requires a distance between the car and the garage wall of around 1 metre.
Off-street parking available	Yes
Length of property frontage	N/A
Length of zone	5.4 metres
On-street parking occupancy within 50 metres either side of the property	87.5% occupied during the day

The resident has off-street parking available in a garage with an internal width of 2.64 metres. This is less than the 3.0 metres recommended in Australian Standard AS2890.1-2004 – Off-street car parking.

The resident has a current driver's licence. The internal width is not wide enough for the resident to use his walking aid when getting in and out of the driver's side of the car. Hence, it is recommended that a 'P Disability Only' zone is installed on-street.

The proposed length of 6 metres is based on Australian Standard AS2890.5-2020 – On-street parking, as shown in Figure 3 below.

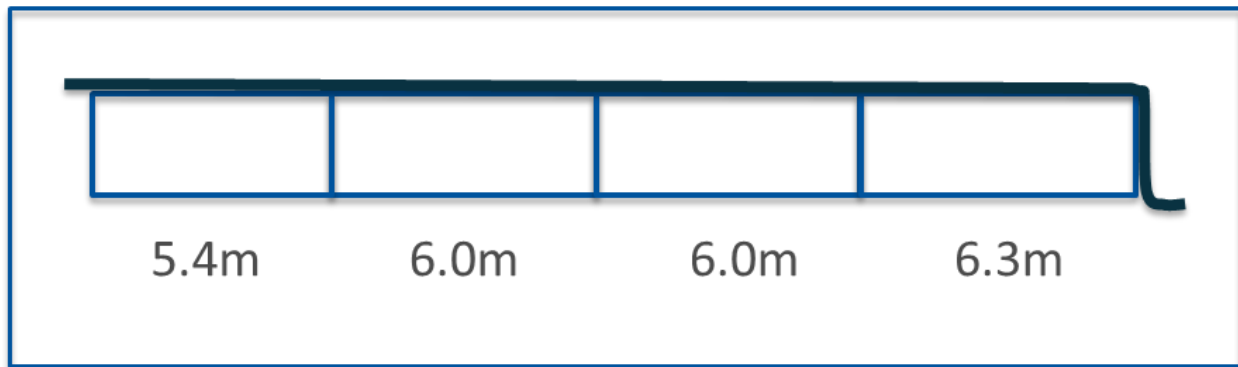


Figure 3. Dimensions for on-street parking spaces

Signage

The proposed signage is shown below.



Figure 4. Proposed signage.

4. Financial Information for Council's Consideration

Council will supply and install the signs and remove existing signs with funds from existing budgets.

5. Attachments

Nil.

REPORT
TC/V.05/22.01

Subject: 121 Old South Head Road, Bondi Junction - Construction Zone in Paul Street

TRIM No: A03/2514-04

Author: Paul Cai, Traffic Engineer
Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 10 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' construction zone in Paul Street adjacent to 121 Old South Head Road, Bondi Junction.
2. Requires the applicant to notify residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

1. Executive Summary

Council has received an application from the builder/developer of 121 Old South Head Road, Bondi Junction, for installation of a 10 metre construction zone along the site frontage in Paul Street (see Figure 1).

121 Old South Head Road has a 34.8 metre long site frontage in Paul Street, including a 6 metre motor bike parking zone. Council officers propose the installation of a 10 metre construction zone adjacent to the south-east end of the motor bikes parking zone, as shown in Figure 2.

Council will need to exercise its delegated functions to implement the proposal.



Figure 1. Site location.



Figure 2. Proposed location of construction zone signs.

2. Introduction/Background

In accordance with standard practice at Council, it is proposed that the construction zone is signposted 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' for the approved construction hours under the development consent. Council will then supply the applicant with transferable permits to be used on the applicant's construction vehicles. The Traffic Committee and Council's requirements for permit approvals are a minimum length of 9 metre along the site frontage with a minimum period of 13 weeks.

3. Technical Analysis

The existing and proposed parking controls in front of the site are shown below.

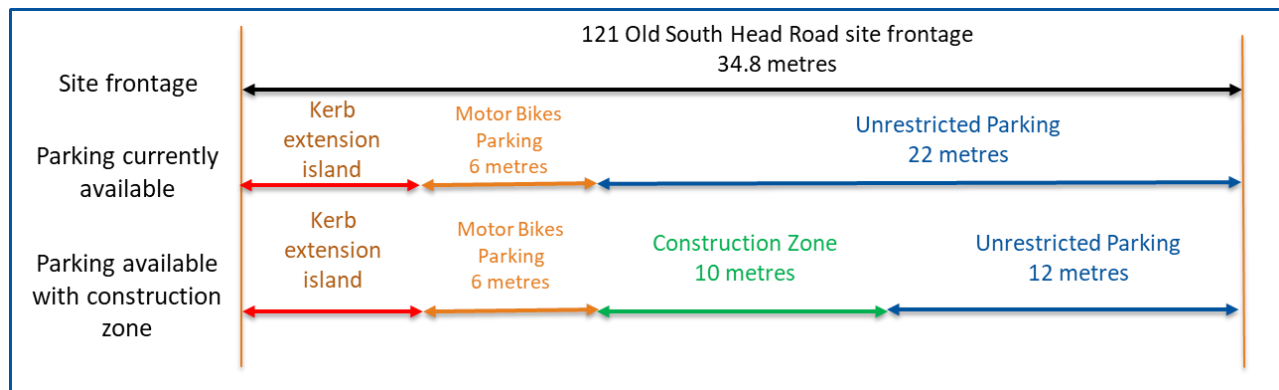


Figure 3. Parking controls.

Table 1. Application details.

Applicant	NARA Property Pty Ltd
Development application	DA-423/2020
Works	Strata subdivision of a 12 unit residential flat building.
Approved hours of construction	7 am–5 pm Monday–Friday; 8 am–3 pm Saturday
Frontage length	34.8 metres in Paul Street
Road	Paul Street
Existing parking	‘P Motor Bikes Only’ and unrestricted
Length requested by applicant	10 metres
Length to be signposted	10 metres
Effective construction zone - Total length available for construction	10 metres
Duration	13 weeks (minimum period)
Fee area	Residential area
Estimated fees	\$700 per week

Signage

The proposed signage is shown below.

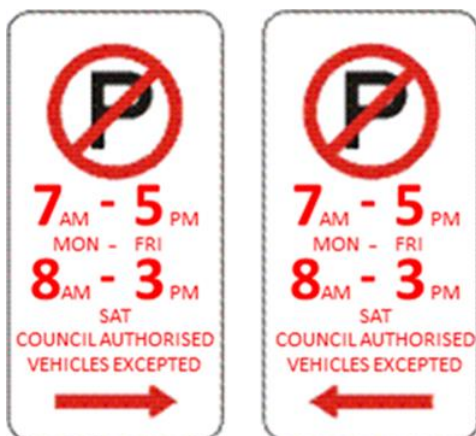


Figure 4. Proposed signage.

Notification

Businesses and residents in the vicinity of the construction zone will be notified prior to it being installed. Figure 5 shows the properties to be notified about the construction zone.



Figure 5. Notification area (hatched).

4. Financial Information for Council's Consideration

The cost to the applicant for the 10 metres made available for construction vehicles will be \$700 per week. The estimated weekly fees are shown in Table 2.

Table 2. Calculation of estimated fees.

Category	Unit	Number/ Dimensions	Rate (GST Exempt)	Fee
Fee (Areas zoned low, medium, or high density residential)				
- Parallel parking	per metre	10 metres	\$70.00	\$700.00
- Angle parking	per week	-	\$139.00	-
Fee (Areas zoned neighbourhood centre, commercial core, or mixed use)				
- Parallel parking	per metre	-	\$97.00	-
- Angle parking	per week	-	\$190.00	-
Occupation of metered parking spaces (in addition to the above fees)	per space	-	\$387.00	-
Weekly Fee				\$700.00

5. Attachments

Nil.

REPORT
TC/V.06/22.01**W A V E R L E Y**
COUNCIL

Subject: 21-25 Ramsgate Avenue, Bondi Beach - Construction Zone

TRIM No: A03/2514-04

Author: Beryl Wang, Professional Engineer, Traffic and Development
Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 16.5 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' construction zone on the northern side of 21–25 Ramsgate Avenue, Bondi Beach.
2. Requires the applicant to notify residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

1. Executive Summary

Council has received an application from the builder/developer at of 21–25 Ramsgate Avenue, Bondi Beach, for the installation of a construction zone in Ramsgate Avenue along the northern side of the property (see Figure 1).

Council officers propose the installation of a 16.5 metre construction zone, as shown in Figure 2.

Council will need to exercise its delegated functions to implement the proposal.

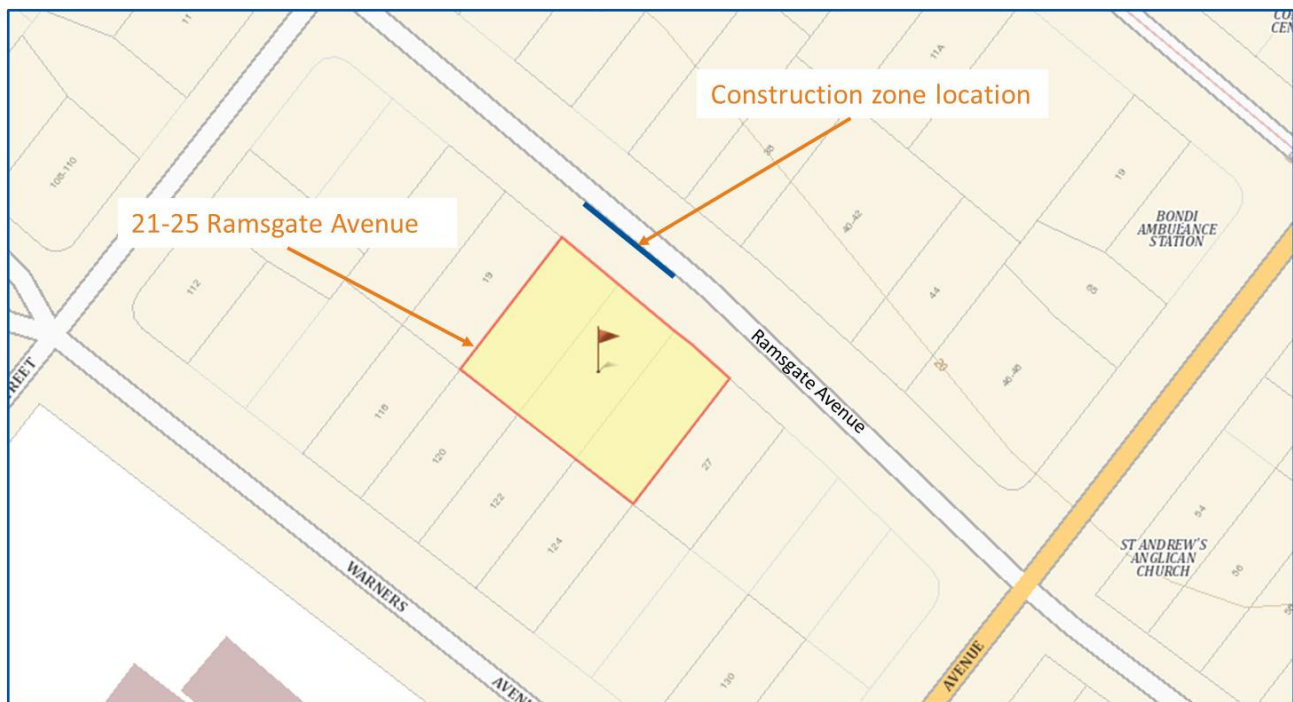


Figure 1. Site location in Ramsgate Avenue.



Figure 2. Location to install construction zone signs.

2. Introduction/Background

In accordance with standard practice at Council, it is proposed that the construction zone is signposted 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' for the approved construction hours under the development consent. Council will then supply the applicant with transferable permits to be used on the applicant's construction vehicles. The Traffic Committee and Council's requirements for permit approvals are a minimum length of 9 metres along the site frontage with a minimum period of 13 weeks.

3. Technical Analysis

The length of the northern side of the subject site on Ramsgate Avenue is 41 metres. The applicant has requested a 16.5 metre construction zone. Council officers propose to install a 16.5 metre construction zone. The existing and recommended parking allocation in Ramsgate Avenue is shown in Figure 3 below.

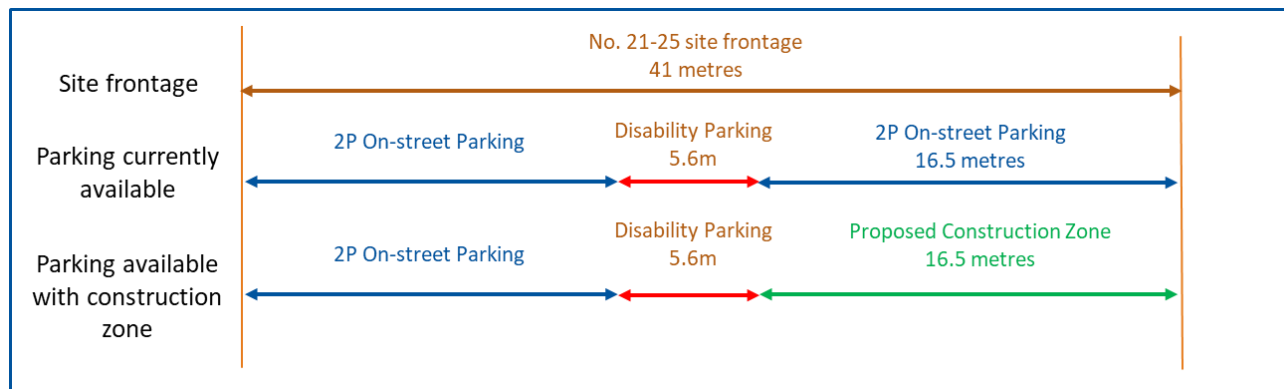


Figure 3. Parking controls.

Table 1. Application details.

Applicant	Construction Landscape Excavation Group Pty Ltd
Development application	N/A
Works	Roof repairs due to fire damage
Approved hours of construction	7 am–5 pm Monday–Friday; 8 am–3 pm Saturday
Frontage/Rear length	16.5 metres
Road	Ramsgate Avenue
Existing parking	2P 8am-10pm permit holders excepted area 8
Length requested by applicant	16.5 metres
Length to be signposted	16.5 metres
Planned duration	13 weeks (minimum)
Fee area	Medium-density residential zoning

Signage

The proposed signage is shown below.

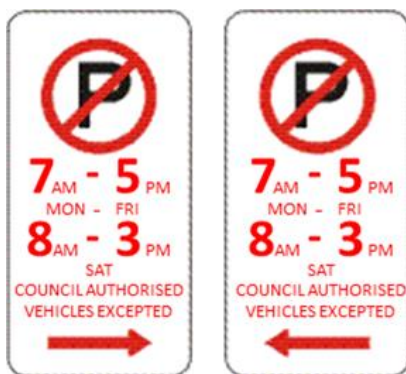


Figure 4. Proposed signage.

Notification

Businesses and residents in the vicinity of the construction zone will be notified prior to it being installed. Figure 5 shows the properties to be notified about the construction zone.

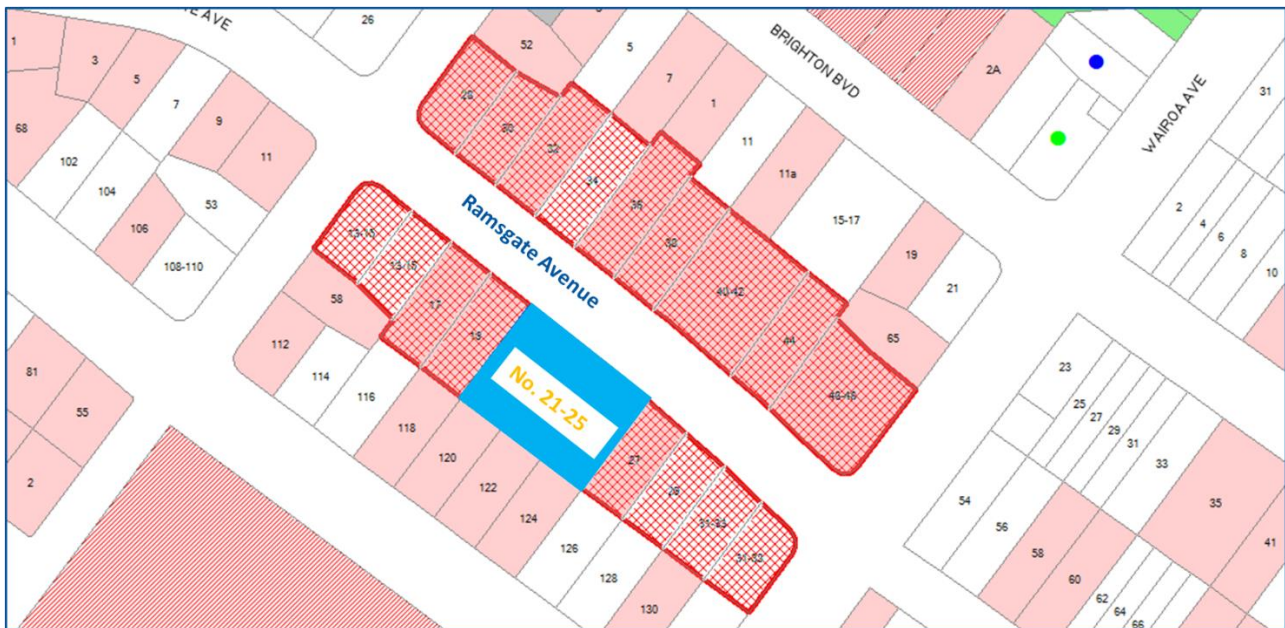


Figure 5. Notification area (hatched).

4. Financial Information for Council's Consideration

The estimated fees for the construction zone are shown in Table 2.

Table 2. Calculation of estimated fees.

Category	Unit	Number/ Dimensions	Rate (GST Exempt)	Fee
Fee (Areas zoned low, medium, or high density residential)				
- Parallel parking	per metre	16.5	\$70.00	\$1,155.00
- Angle parking	per week		\$139.00	\$0.00
Fee (Areas zoned neighbourhood centre, commercial core, or mixed use)				
- Parallel parking	per metre		\$97.00	\$0.00
- Angle parking	per week		\$190.00	\$0.00
Occupation of metered parking spaces (in addition to the above fees)	per space per week		\$387.00	\$0.00
Weekly Fee				\$1,155.00

5. Attachments

Nil.

REPORT
TC/V.07/22.01

Subject: 122 Hastings Parade, North Bondi - Construction Zone

TRIM No: A03/2514-04

Author: Paul Cai, Traffic Engineer
Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 13.3 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' construction zone in front of 122 Hastings Parade, North Bondi.
2. Requires the applicant to notify residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

1. Executive Summary

Council has received an application from the builder/developer of 122 Hastings Parade, North Bondi, for installation of a 12 metre construction zone in front of the site in Hastings Parade (see Figure 1).

Council officers propose the installation of a 13.3 metre construction zone, as shown in Figure 2. The zone has been extended from the requested 12 metres to include a 1.3 metre section of kerb-side parking that would be alienated due to the location of the construction zone.

Council will need to exercise its delegated functions to implement the proposal.

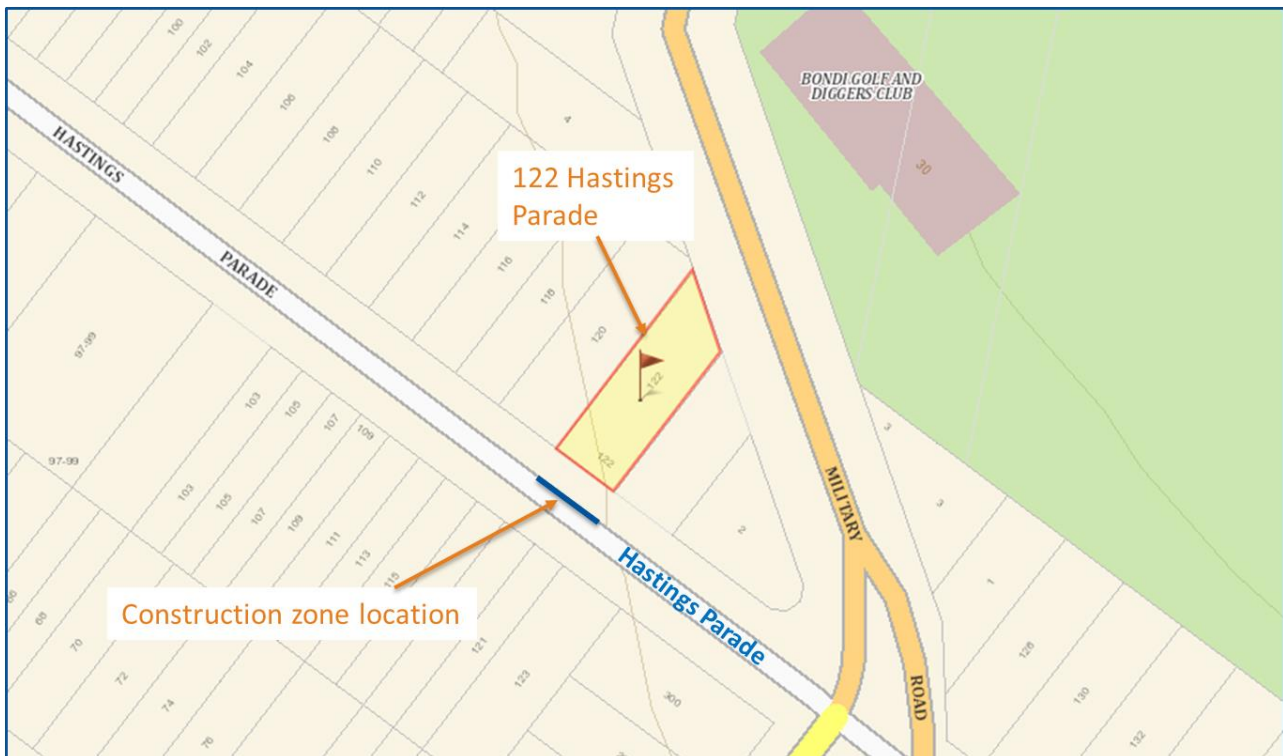


Figure 1. Site location.



Figure 2. Proposed location of construction zone.

2. Introduction/Background

In accordance with standard practice at Council, it is proposed that the construction zone is signposted 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' for the approved construction hours under the development consent. Council will then supply the applicant with transferable permits to be used on the applicant's construction vehicles. The Traffic Committee and Council's requirements for permit approvals are a minimum length of 9 metre along the site frontage with a minimum period of 13 weeks.

3. Technical Analysis

The subject site has a frontage of 12.5 metres in Hastings Parade, including a 3.9 metre driveway. The kerb-side parking zone between the driveway of 122 Hastings Parade and 124 Hastings Parade is 9.4 metres.

The applicant has requested a 12 metre construction zone, leaving 1.3 metres between the construction zone and the driveway of 124 Hastings Parade. This will have to be included as part of the construction zone.

This results in a total construction zone length of 13.3 metres.

The existing and recommended parking controls in front of the site are shown below.

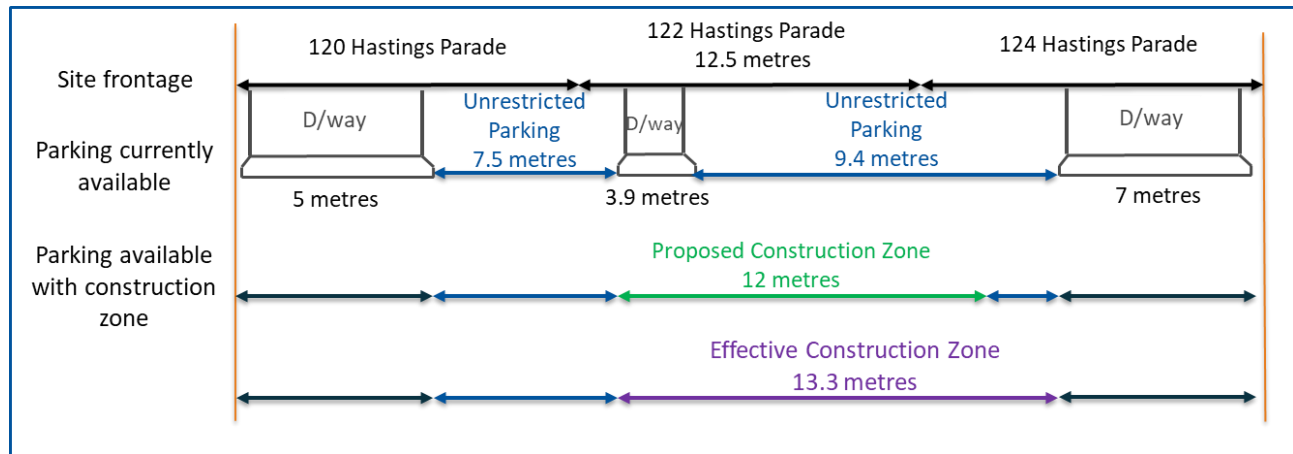


Figure 3. Parking controls.

Table 1. Application details.

Applicant	Southern Cross Homes
Development application	DA-297/2021
Works	Demolition of dwelling and construction of a new three storey dwelling with integrated basement parking.
Approved hours of construction	7 am – 5 pm Monday–Friday; 8 am–3 pm Saturday
Frontage length	12.5 metres
Road	Hastings Parade
Existing parking	Unrestricted
Length requested by applicant	12 metres
Length to be signposted	13.3 metres
Effective construction zone - Total length available for construction	13.3 metres
Duration	13 weeks
Fee area	Residential area
Estimated fees	\$931 per week

Signage

The proposed signage is shown below.



Figure 4. Proposed signage.

Notification

Businesses and residents in the vicinity of the construction zone will be notified prior to it being installed. Figure 5 shows the properties to be notified about the construction zone.

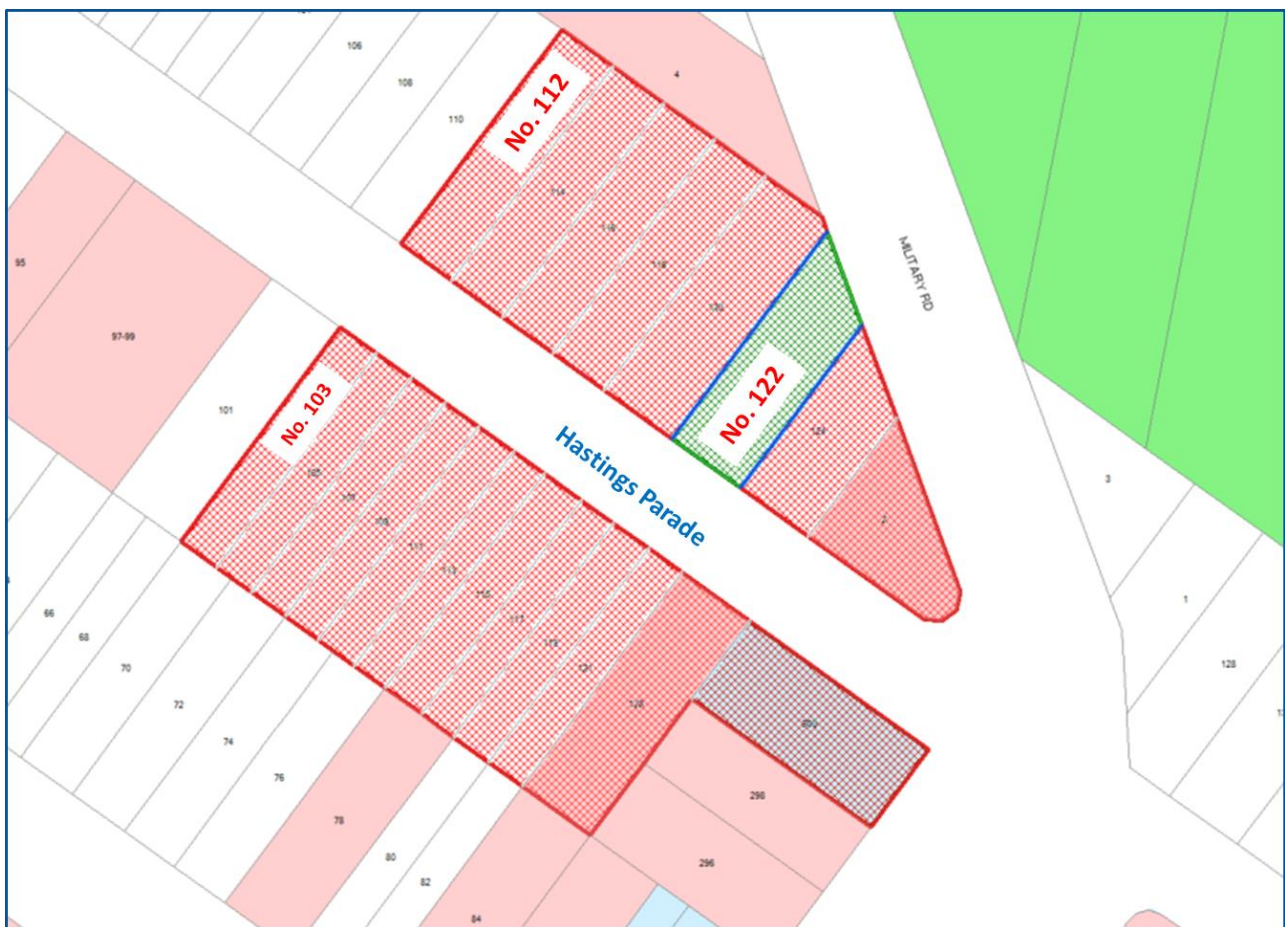


Figure 5. Notification area (hatched).

4. Financial Information for Council's Consideration

The cost to the applicant for the 13.3 metres made available for construction vehicles will be \$931 per week. The estimated weekly fees are shown in Table 2.

Table 2. Calculation of estimated fees.

Category	Unit	Number/ Dimensions	Rate (GST Exempt)	Fee
Fee (Areas zoned low, medium, or high density residential)				
- Parallel parking	per metre	13.3metres	\$70.00	\$931.00
- Angle parking	per week	-	\$139.00	-
Fee (Areas zoned neighbourhood centre, commercial core, or mixed use)				
- Parallel parking	per metre	-	\$97.00	-
- Angle parking	per week	-	\$190.00	-
Occupation of metered parking spaces (in addition to the above fees)	per space	-	\$387.00	-
	per week			
Weekly Fee				\$931.00

5. Attachments

Nil.

REPORT
TC/V.08/22.01

Subject: 107 Ramsgate Avenue, North Bondi - Construction Zone

TRIM No: A03/2514-04

Author: Paul Cai, Traffic Engineer
Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 16 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' construction zone in front of 101 Ramsgate Avenue, North Bondi.
2. Requires the applicant to notify residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

1. Executive Summary

Council has received an application from the builder/developer of 107 Ramsgate Avenue, North Bondi, for the installation of a 14 metre construction zone in Ramsgate Avenue (see Figure 1).

107 Ramsgate Avenue has limited site frontage in Ramsgate Avenue. Council officers propose the installation of a 16 metres construction zone in front of 101 Ramsgate Avenue (as shown in Figure 2). There is a 16 metre kerb-side parking zone along the frontage of 101 Ramsgate Avenue between two driveways. The construction has been extended from the requested 14 metres to include a 2 metre section of parking that would be alienated due to the location of the construction zone.

Concurrence from the strata manager of 101 Ramsgate Avenue has been received.

Council will need to exercise its delegated functions to implement the proposal.

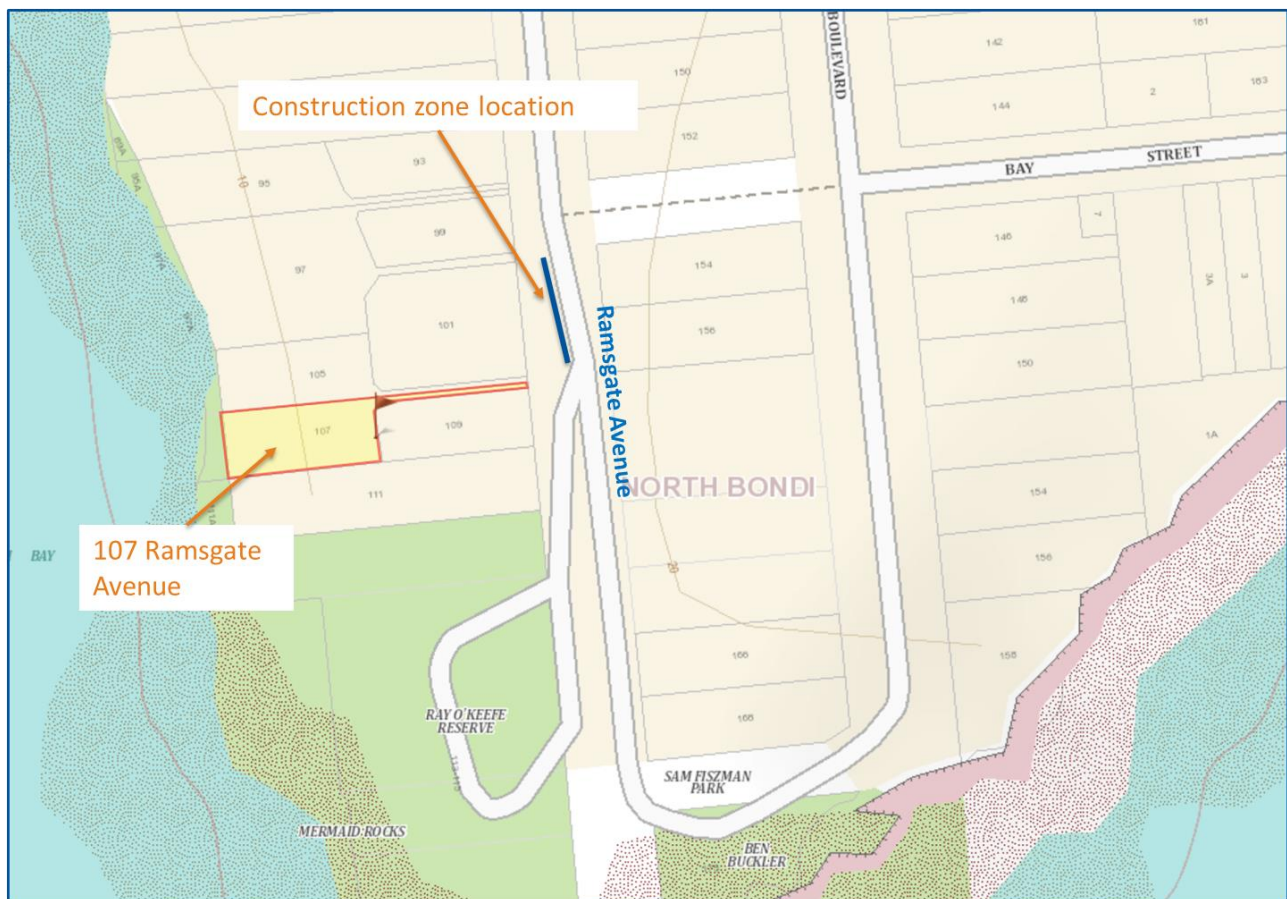


Figure 1. Site location.



Figure 2. Proposed location of construction zone.

2. Introduction/Background

In accordance with standard practice at Council, it is proposed that the construction zone is signposted 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' for the approved construction hours under the development consent. Council will then supply the applicant with transferable permits to be used on the applicant's construction vehicles. The Traffic Committee and

Council's requirements for permit approvals are a minimum length of 9 metre along the site frontage with a minimum period of 13 weeks.

3. Technical Analysis

The construction site has limited frontage but a shared driveway access in Ramsgate Avenue. Due to the location of the site, the applicant has requested a 14 metres construction zone in front of 101 Ramsgate Avenue.

Concurrence from strata manager of 101 Ramsgate Avenue has been received.

The frontage of 101 Ramsgate Avenue includes a 16 metre kerb-side parking zone (2P, 8 am–10 pm, Permit Holder Excepted, Area 6) between two driveways on the northern and southern side of the site.

The requested 14 metre construction zone will leave a 2 metre gap in this kerb-side parking zone. The 2 metres gap cannot accommodate a car. This will have to be included as part of the construction zone (referred to as the effective construction zone).

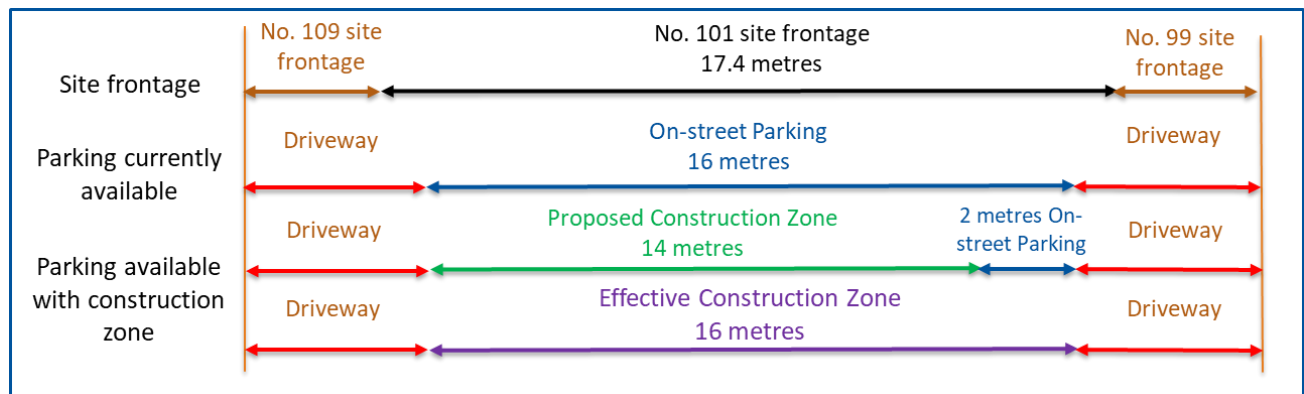


Figure 3. Parking controls.

Table 1. Application details.

Applicant	Max Build
Development application	DA-461/2006
Works	Construction of balconies and changes to windows and doors to existing residential flat building.
Approved hours of construction	7 am–5 pm Monday–Friday; 8 am–3 pm Saturday
Frontage length	N/A
Road	Ramsgate Avenue
Existing parking	2P, 8 am–10 pm, Permit Holder Excepted, Area 6
Length requested by applicant	14 metres
Length to be signposted	16 metres
Effective construction zone - Total length available for construction	16 metres
Duration	34 weeks
Fee area	Residential area
Estimated fees	\$1,120 per week

Signage

The proposed signage is shown below.

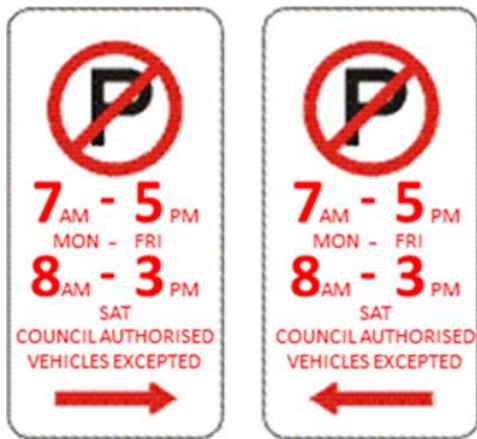


Figure 4. Proposed signage.

Notification

Businesses and residents in the vicinity of the construction zone will be notified prior to it being installed. Figure 5 shows the properties to be notified about the construction zone.



Figure 5. Notification area (hatched).

4. Financial Information for Council's Consideration

The estimated fees for the construction zone are shown in Table 2.

Table 2. Calculation of estimated fees.

Category	Unit	Number/ Dimensions	Rate (GST Exempt)	Fee
Fee (Areas zoned low, medium, or high density residential)				
- Parallel parking	per metre	16 metres	\$70.00	\$1,120.00
- Angle parking	per week	0	\$139.00	
Fee (Areas zoned neighbourhood centre, commercial core, or mixed use)				
- Parallel parking	per metre	-	\$97.00	
- Angle parking	per week	-	\$190.00	
Occupation of metered parking spaces (in addition to the above fees)	per space	-	\$387.00	
	per week			
Weekly Fee				\$1,120.00

5. Attachments

Nil.

REPORT
TC/V.09/22.01

Subject: 9 Military Road, Dover Heights - Construction Zone

TRIM No: A03/2514-04

Author: Beryl Wang, Professional Engineer, Traffic and Development
Calum Hutcheson, Service Manager, Traffic and Transport

Authoriser: Nikolaos Zervos, Acting Executive Manager, Infrastructure Services

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 9 metre 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' construction zone along the western side of 9 Military Road, Dover Heights.
2. Requires the applicant to notify residents in the vicinity of the construction zone prior to it being installed.
3. Delegates authority to the Executive Manager, Infrastructure Services, to adjust the length and duration of, or remove, the construction zone, as necessary.

1. Executive Summary

Council has received an application from the builder/developer at 9 Military Road, Dover Heights, for the installation of a construction zone in Military Road along the western side of the property (see Figure 1).

Council officers propose the installation of a 9 metre construction zone, as shown in Figure 2.

Council will need to exercise its delegated functions to implement the proposal.

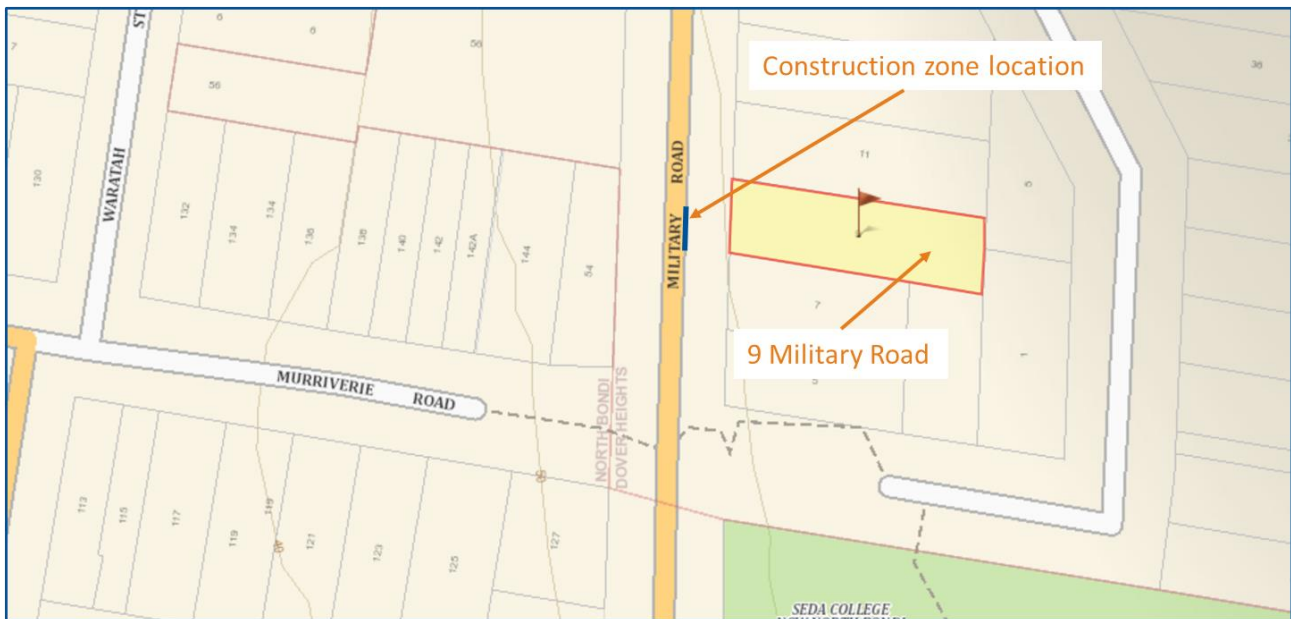


Figure 1. Site location in Military Road.



Figure 2. Location to install construction zone signs.

2. Introduction/Background

In accordance with standard practice at Council, it is proposed that the construction zone is signposted 'No Parking 7 am–5 pm Mon–Fri, 8 am–3 pm Sat, Council Authorised Vehicles Excepted' for the approved construction hours under the development consent. Council will then supply the applicant with transferable permits to be used on the applicant's construction vehicles. The Traffic Committee and Council's requirements for permit approvals are a minimum length of 9 metres along the site frontage with a minimum period of 13 weeks.

3. Technical Analysis

The length of the western side of the subject site on Military Road is 13.8 metres. The applicant has requested a 9 metre construction zone. Council officers propose to install a 9 metre construction zone. The existing and recommended parking allocation in Military Road is shown in Figures 3 and 4 below.

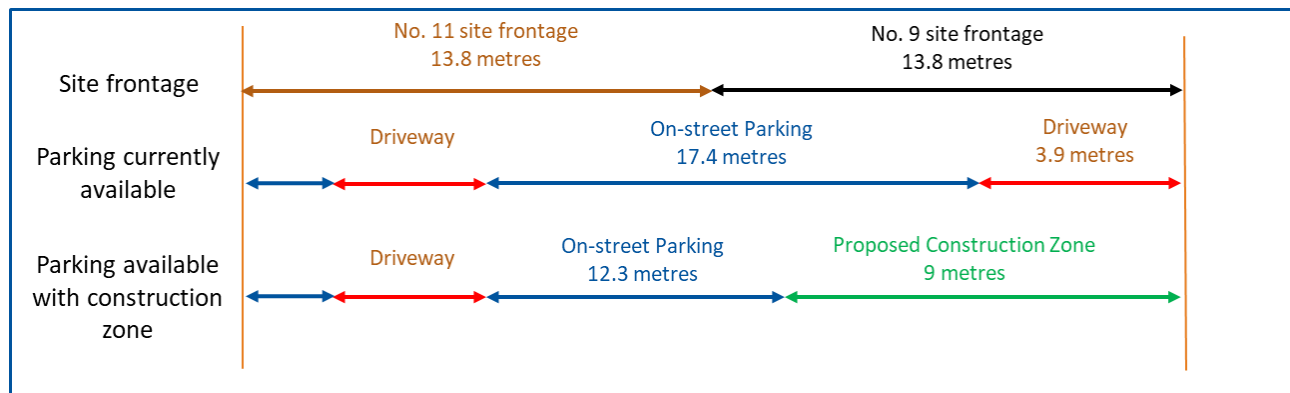


Figure 3. Parking controls.

Table 1. Application details.

Applicant	Shahar Cohen
Development application	DA-417/2019
Works	Alteration and additions to existing dwelling
Approved hours of construction	7 am–5 pm Monday–Friday; 8 am–3 pm Saturday
Frontage/Rear length	13.8 metres
Road	Military Road
Existing parking	No parking restrictions
Length requested by applicant	9 metres
Length to be signposted	9 metres
Planned duration	7 months
Fee area	Low-density residential zoning

Signage

The proposed signage is shown below.

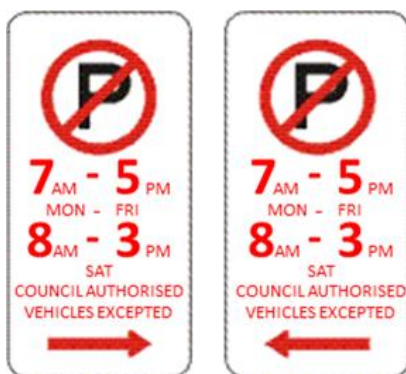


Figure 4. Proposed signage.

Notification

Businesses and residents in the vicinity of the construction zone will be notified prior to it being installed. Figure 5 shows the properties to be notified about the construction zone.

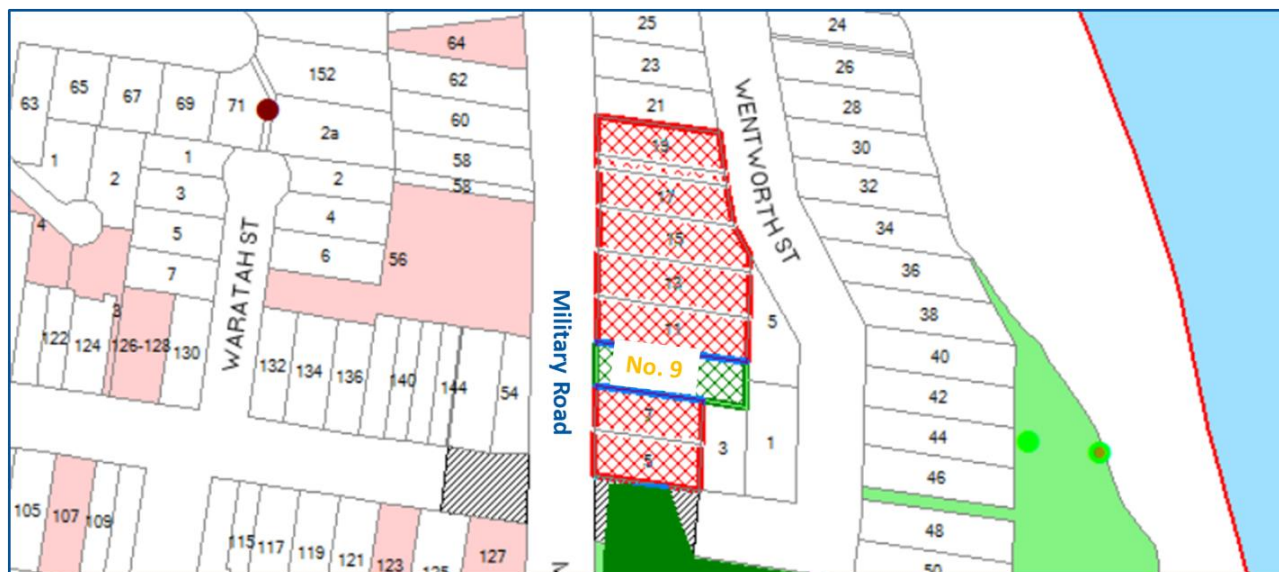


Figure 5. Notification area (hatched).

4. Financial Information for Council's Consideration

The estimated fees for the construction zone are shown in Table 2.

Table 2. Estimated weekly fees.

Category	Unit	Number/ Dimensions	Rate (GST Exempt)	Fee
Fee (Areas zoned low, medium, or high density residential)				
- Parallel parking	per metre	9	\$70.00	\$630.00
- Angle parking	per week		\$139.00	\$0.00
Fee (Areas zoned neighbourhood centre, commercial core, or mixed use)				
- Parallel parking	per metre		\$97.00	\$0.00
- Angle parking	per week		\$190.00	\$0.00
Occupation of metered parking spaces (in addition to the above fees)	per space per week		\$387.00	\$0.00
Weekly Fee				\$630.00

5. Attachments

Nil.