



W A V E R L E Y
C O U N C I L

W A V E R L E Y T R A F F I C C O M M I T T E E M E E T I N G

A meeting of the W A V E R L E Y T R A F F I C C O M M I T T E E will be held at Waverley Council Chambers
Cnr Paul Street and Bondi Road, Bondi Junction at:

10.00 AM, THURSDAY 26 OCTOBER 2017

Emily Scott
Director, Waverley Renewal

Waverley Council
PO Box 9
Bondi Junction NSW 1355
DX 12006 Bondi Junction
Tel. 9083 8000
E-mail: info@waverley.nsw.gov.au

AGENDA

Apologies

Declarations of Interests

Adoption of previous Minutes by Council - 28 September 2017 6

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 September 2017 were adopted by Council at its meeting on 10 October 2017, with the following changes:

1. TC/V.02/17.09 – Bon Accord Avenue, Bondi Junction - Introduction of Resident Parking Restrictions

Council resolved not to adopt the recommendation of the Traffic Committee Meeting, and made the following decision:

‘That Council:

1. Installs ‘2P 8 am–6 pm Mon-Sat Permit Holders Excepted Area 26’ restrictions along Bon Accord Avenue.
 2. Delegates authority to the Executive Manager, Creating Waverley, to extend the evening restrictions from 6 pm to 10 pm should the majority of residents request such an extension at a future time.’
2. TC/V.08/17.09 – Wairoa Avenue, North Bondi – ‘P - Motorbikes Only’.

Council resolved not to adopt the recommendation of the Traffic Committee Meeting, and made the following decision:

‘That Council not approves the installation of motorbike parking between 19 Wairoa Avenue and 8–12 Frederick Street.’

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 the RMS. 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.01/17.10 Multiple Streets - 'P Disability Only' Zone (A02/0273-02)16

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 6.5 m long 'P Disability Only' zone outside 72 O'Donnell Street, North Bondi.
2. Removes the existing 'P Disability Only' zone outside 29 Roe Street, North Bondi.

TC/C.02/17.10 Grafton Street, Bondi Junction - New Bus Zones and Alterations to Existing Parking Restrictions (A02/0225-02)19

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 60 metre long "Bus Zone" immediately east of the existing P5 minute parking zone on the northern side of Grafton Street, Bondi Junction between Newland Street and Grosvenor Street.
2. Removes the existing painted kerb blisters located within and at the eastern end of the proposed bus zone.

TC/V STATE ELECTORATE OF VAUCLUSE

TC/V.01/17.10 Curlewis Street, Bondi Beach - Construction Zone (A03/2514-04).....23

COUNCIL OFFICER'S PROPOSAL:

That:

1. Council installs a 12 m long 'No Parking 7 am–5 pm Monday–Friday 8 am–3 pm Saturday Authorised Council Vehicles Excepted' zone across the frontage of 86 Curlewis Street, Bond Beach.
2. There be no blockage to through traffic on Curlewis Street other than for short periods of time when manoeuvring vehicles into and out of the Construction Zone.
3. Council delegates authority to the Executive Manager, Creating Waverley, to extend the length and duration of, or remove the construction zone as necessary.

TC/V.02/17.10 Ocean Street North, Bondi - Changes to Parking Restrictions (A02/0637-02).....26

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Changes the existing 'P5 minute: 8am-6pm Mon-Fri; No Parking: 6pm-10pm Mon-Fri 8am-10pm Sat-Sun Wedding & Funeral Vehicles Excepted' to 'P5 minute: 7:30am-6pm Mon-Fri; No Parking 6pm-10pm Mon-Fri 8am-10pm Sat-Sun Wedding & Funeral Vehicles Excepted' outside 34A Ocean Street North, Bondi.
2. Not approve any extension to the length of the existing drop off/pick up zone outside 34A Ocean Street North, Bondi.

TC/V.03/17.10 Military Road, Vaucluse - Temporary Relocation of Bus Zone (A02/0225-02)29

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Approves the temporarily relocation of existing bus stop No. 203025 to a new location, commencing at the power pole outside No. 376 Military Road for a distance of 24m to the east and terminating outside No. 372 Military Road, as shown in Figure 2 in the report subject to the installation of an approved works/construction zone being installed outside the site.
2. Notifies affected residents of the temporary changes prior to implementation.
3. Arranges with Sydney Buses to reinstate the bus zone to its original location as soon as practicable following completion of the building works.

TC/V.04/17.10 Hall Street, Bondi Beach - Installation of 'Keep Clear' Pavement Marking (A03/0042-04) .32

COUNCIL OFFICER'S PROPOSAL:

That Council, on receipt of approval from the Roads and Maritime Services, installs 'Keep Clear' pavement markings on Hall Street on the eastbound lanes only at the intersection with Gould Street, Bondi Beach.

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

TC/TEAC.01/17.10 Ashton Street, Queens Park - Speed and Volume Count Results (A03/0042-04).....34

COUNCIL OFFICER'S PROPOSAL:

That having regard to the low recorded vehicle speed and volumes, no action be taken to change traffic conditions in Ashton Street.

TC/TEAV STATE ELECTORATE OF VAUCLUSE

Nil

TC/TEACV ELECTORATES OF COOGEE AND VAUCLUSE

Nil

**MINUTES OF THE WAVERLEY TRAFFIC
COMMITTEE MEETING HELD AT WAVERLEY
COUNCIL CHAMBERS, CNR PAUL STREET AND
BONDI ROAD, BONDI JUNCTION ON
THURSDAY, 28 SEPTEMBER 2017**



Voting Members Present:

Snr Cst A Birchansky	NSW Police – Traffic Services, Eastern Suburbs Local Area Command
Mr B Borger	Roads and Maritime Services – Traffic Management (South)
Mr B Morrow	Representing Bruce Notley-Smith, MP, Member for Coogee
Ms R Russo	Representing Gabrielle Upton, MP, Member for Vaucluse

Also Present:

Cr T Kay	Waverley Council
Mr E Graham	Sydney Buses (Eastern Region)
Mr D Joannides	Waverley Council – Executive Manager, Creating Waverley (Chair)
Mr G Garnsey	Waverley Council – Manager, Transport and Development
Mr K Mowad	Waverley Council – Senior Traffic Engineer
Mr S Samadian	Waverley Council – Traffic Engineer

At the commencement of proceedings at 10.07 am, those present were as listed above.

Apologies

There were no apologies.

Declarations of Pecuniary and Non-Pecuniary Interests

The Chair called for declarations of interest and the following were received:

1. Cr Kay declared a pecuniary interest in Item TC/V.05/17.09 – Campbell Parade, Bondi Beach – Works Zone, and informed the meeting that his mother-in-law owns property close to the subject site. Cr Kay was not present at, or in sight of, the meeting for the consideration and vote on this item.
2. Cr Kay declared a less than significant non-pecuniary interest in Item TC/V.01/17.09 – Niblick Street, North Bondi – Works Zone, and informed the meeting that he lives close to the subject site.
3. Mr B Morrow declared a less than significant non-pecuniary interest in Item TC/V.03/17.09 – Kenilworth Street, Bondi Junction – Works Zone, and informed the meeting that he lives close to the subject site.

Adoption of Previous Minutes by Council - 24 August 2017

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 24 August 2017 are scheduled to be adopted by Council at its meeting on 10 October 2017.

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 the RMS. 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.01/17.09 Denison Street, Bondi Junction - Works Zone (A03/2514-04)****COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Installs a 16 m long, 'No Parking 7 am–5 pm Monday–Friday 8 am–3 pm Saturday Authorised Council Vehicles Excepted' zone along the Denison Street frontage of 59 Oxford Street, Bondi Junction, from the southern side of the driveway to the site north to the existing loading zone.
2. Delegates authority to the Executive Manager, Creating Waverley, to cancel, extend the duration or alter the length of 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 Coogee, NSW Police representative and RMS representative.

TC/C.02/17.09 Ebley Street, Bondi Junction - Works Zone (A03/2514-04)**COUNCIL OFFICER'S PROPOSAL:**

That:

1. Council installs a 9 m long 'No Parking 7 am–5 pm Monday–Friday 8 am–3 pm Saturday Authorised Council Vehicles Excepted' zone outside 55 and 53 Ebley Street, Bondi Junction.
2. Council delegates authority to the Executive Manager, Creating Waverley, to cancel, extend the duration or alter the length of the construction zone as necessary.
3. The builder notifies the residents of 53 Ebley Street of the zone prior to installation.

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 and RMS representative.

TC/C.03/17.09 Prospect Street, Waverley - Works Zone (A03/2514-04)**COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Installs a 'No Parking 7 am–5 pm Monday–Friday 8 am–3 pm Saturday Authorised Council Vehicles Excepted' zone on the Prospect Street frontage of 11 High Street, Waverley, commencing from the power pole located on the southern boundary of the property for a distance of 12 m to the north subject to the builder notifying and consulting with the residents of 27 and 29 Prospect Street outside of which the zone will fully/partly extend.
2. Be notified of the outcome of the consultation with the residents of 27 and 29 Prospect Street.
3. Delegates authority to the Executive Manager, Creating Waverley, to cancel, extend the duration or alter the length of the construction zone as necessary.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted subject to the amendment of clause 1 and the removal of clause 2 to read as follows:

That Council:

1. Installs a 'No Parking 8 am–5pm Monday–Friday 8 am–3 pm Saturday Authorised Council Vehicles Excepted' zone on the Prospect Street frontage of 11 High Street, Waverley, commencing from the power pole located on the southern boundary of the property for a distance of 12 m to the north.
2. Delegates authority to the Executive Manager, Creating Waverley, to cancel, extend the duration or alter the length of the construction zone as necessary.

Voting members present for this item: Representative of the Member for Coogee, NSW Police representative and RMS representative.

TC/C.04/17.09 View Street, Queens Park - No Parking Restrictions (A02/0637-02)**COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Extends the existing 'No Stopping' zone on the western side of Queens Park Road and Victoria Street into View Street terminating at the southern end of the existing 2P parking zone.

2. Adjusts the existing 2P parking sign on the eastern side of View Street a distance of 3 m to the north of Victoria Street and installs 10 m of 'No Stopping' to Victoria Street.
3. Notifies residents of the proposal prior to implementation.

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 and RMS representative.

TC/C.05/17.09 Watson Street, Coulton Street and Grove Street, Bondi - New Residential Preferential Parking Scheme Area (A03/2581)

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Creates a new residential preferential parking scheme area in the following streets in Bondi:
 - (a) Watson Street.
 - (b) Coulton Street.
 - (c) Grove Street.
2. Signposts only Watson Street with '2P 8 am–10 pm Permit Holders Excepted' restrictions having regard to a lack of support from residents of Grove Street and Coulton Street to restrictions being imposed.
3. Approves the boundaries of the new residential preferential parking scheme area as shown in Figure 1 of the report.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That:

1. The Council Officer's Proposal not be adopted.
2. Council, based on the low response rate on the community survey, not proceed with the installation of the Residential Preferential Parking Scheme in Watson Street, Coulton Street and Grove Street in Bondi.

Voting members present for this item: Representative of the Member for Coogee, NSW Police representative and RMS representative.

TC/V STATE ELECTORATE OF VAUCLUSE**TC/V.01/17.09 Niblick Street, North Bondi - Works Zone (A03/2514-04)****COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Installs a 20 m long 'No Parking 7 am–5 pm Monday–Friday Authorised Council Vehicles Excepted' zone along the frontage of Niblick Street Reserve at 21–23 Niblick Street, North Bondi.
2. Delegates authority to the Executive Manager, Creating Waverley, to cancel, extend the duration or alter the length of the construction zone as necessary.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted subject to the addition of a new clause 3 to read as follows:

3. Delegates authority to the Executive Managers, Creating Waverley, to install a works zone opposite the site should it be required.

Voting members present for this item: Representative of the Member for Vaucluse, NSW Police representative and RMS representative.

TC/V.02/17.09 Bon Accord Avenue, Bondi Junction - Introduction of Resident Parking Restrictions (A03/2581)**COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Installs '2P 8 am–6 pm Mon-Sat Permit Holders Excepted Area 26' restrictions along Bon Accord Avenue.
2. Delegates authority to the Executive Manager, Creating Waverley, to extend the evening restrictions from 6 pm to 10 pm should the majority of residents request such an extension at a future time.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That:

1. The Council Officer's Proposal not be adopted.
2. Council, based on the community survey results, not proceeds with the installation of the 2P 8 am–6 pm Mon-Sat Permit Holders Excepted Area 26' restrictions along Bon Accord Avenue.

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

TC/V.03/17.09 Kenilworth Street, Bondi Junction - Works Zone (A03/2514-04)**COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Installs a 12 m long 'No Parking 7 am–5 pm Monday-Friday 8 am–3 pm Saturday Authorised Council Vehicles Excepted' zone outside 2 Kenilworth Street, Bondi Junction.
2. Delegates authority to the Executive Manager, Creating Waverley, to cancel, extend the duration or alter the length of 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 Vaucluse, NSW Police representative, RMS representative and Waverley Council representative (Chair).

TC/V.04/17.09 Hastings Parade, North Bondi - Works Zone (A03/2514-04)**COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Installs a 10 m long 'No Parking 7 am–5 pm Monday–Friday 8 am–3 pm Saturday Authorised Council Vehicles Excepted' zone outside of 170 Hastings Parade, North Bondi.
2. Delegates authority to the Executive Manager, Creating Waverley, to cancel, extend the duration or alter the length of 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 Vaucluse, NSW Police representative, RMS representative and Waverley Council representative (Chair).

TC/V.05/17.09 Campbell Parade, Bondi Beach - Works Zone (A03/2514-04)**COUNCIL OFFICER'S PROPOSAL:**

That Council:

1. Approves a 'rolling' 12 m long 'No Parking 7 am–5pm Monday-Friday Authorised Council Vehicles Excepted' zone along the frontage of 180–186 Campbell Parade, Bondi Beach.
2. Maintains a mobility parking space at all times with the zone being repositioned/relocated as required.

3. Makes contact with and seeks the approval of the RMS should any changes be proposed to the existing 40 kph school zone sign.
4. Delegates authority to the Executive Manager, Creating Waverley, to cancel, extend the duration or alter the length of 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 Vaucluse, NSW Police representative, RMS representative and Waverley Council representative (Chair).

TC/V.06/17.09 Oakley Road, North Bondi – 'P - Motorbikes Only' (A02/0637-02)

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Takes no action in relation to installing motor bike only parking adjacent to driveway at 63 Oakley Road as it sets an undesirable precedent.
2. Generally considers installing motor bike only type restrictions at short lengths of kerb between driveways where such has a minimal impact on the availability of on-street parking and only if the residents of properties adjacent to the restrictions agree to their implementation.

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, RMS representative and Waverley Council representative (Chair).

TC/V.07/17.09 Diamond Bay Road, Vaucluse - Extension of 'No Parking' Zone (A02/0637-02)

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Changes the existing 'No Parking' with arrow right sign located at the eastern end of the bend outside 19 Diamond Bay Road, Vaucluse, to a 'No Parking' arrow left and right.
2. Installs a new 'No Parking' sign with arrow right on the eastern side of the easternmost driveway to 19 Diamond Bay Road.

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, RMS representative and Waverley Council representative (Chair).

TC/V.08/17.09 Wairoa Avenue, North Bondi - 'P - Motorbikes Only' (A02/0637-02)

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Not approves the installation of motor bike only parking zone between the driveways to 19 Wairoa Avenue and 8–12 Frederick Street having regard to the objection received to the installation of the zone by the resident of 19 Wairoa Avenue.
2. Notifies affected residents of the decision.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal not be adopted and be amended to read as follows:

1. Installs a motor bike only parking zone between the driveways to 19 Wairoa Avenue and 8–12 Frederick Street, North Bondi.
2. Notifies affected residents of the decision.

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

TC/CV ELECTORATES OF COOGEE AND VAUCLUSE

TC/CV.01/17.09 Multiple Streets - 'P Disability Only' Zone (A02/0273-02)

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 'P Disability Only' zone outside 76 Lamrock Avenue, Bondi Beach, commencing from the existing 'No Stopping' zone at Rickard Avenue for a distance of 5.5 m to the north-west.
2. Installs a 'P Disability Only' zone outside 5 Inverness Street, Bronte commencing on the southern side of the driveway at 3 Inverness Street for a distance of 5.5m to the south.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted.

Voting members present for this item: Representative of the Member for Coogee, Representative of the Member for Vacluse, NSW Police representative and RMS representative.

TC/CV.02/17.09 Multiple Streets - Installation of 'No Stopping' Zones (A02/0637-02)**COUNCIL OFFICER'S PROPOSAL:**

That Council installs 'No Stopping' yellow edge line marking as follows:

1. Murriverie Road at Elliot, North Bondi:
 - (a) 10 m on the northern side of Murriverie Road, west of Elliott Street.
 - (b) 10 m on the northern side of Murriverie Road, east of Elliott Street.
 - (c) 10 m on the eastern side Elliott Street, north of Murriverie Road.
 - (d) 10 m on the western side Elliott Street, north of Murriverie Road.
2. Alfred Street at Belgrave Lane, Bronte:
 - (a) 10 m on the western side of Alfred Street, south of Belgrave Lane.
 - (b) 10 m on the western side of Alfred Street, north of Belgrave Lane.
 - (c) 10 m on the southern side of Belgrave Lane, west of Alfred Street.
 - (d) 10 m on the northern side of Belgrave Lane, west of Alfred Street.

WTC RECOMMENDATION (UNANIMOUS SUPPORT):

That the Council Officer's Proposal be adopted.

Voting members present for this item: Representative of the Member for Coogee, Representative of the Member for Vaucluse, NSW Police representative and RMS representative.

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.

THE MEETING CLOSED AT 11.11 AM.

.....
SIGNED AND CONFIRMED
MAYOR
10 OCTOBER 2017

REPORT
TC/C.01/17.10**Subject:** Multiple Streets - 'P Disability Only' Zone**TRIM No.:** A02/0273-02**Author:** Sam Samadian, Traffic Engineer**Director:** Emily Scott, Director, Waverley Renewal

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 6.5 m long 'P Disability Only' zone outside 72 O'Donnell Street, North Bondi.
2. Removes the existing 'P Disability Only' zone outside 29 Roe Street, North Bondi.

1. Executive Summary

Council has received representations from residents requesting consideration be given to the installation of 'P Disability Only' parking zones to improve access to 72 O'Donnell Street, North Bondi.

Council has also been advised the existing 'P Disability Only' zone is no longer required at 29 Roe Street, North Bondi.

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

2. Introduction/Background

At the Traffic Committee meeting held on 10 November 2005, the issue of installing 'P Disability Only' parking was discussed. Subsequently, at the Council meeting held on 13 December 2005, it was resolved:

That the following guidelines for assessing applications for a mobility parking space on a residential street be adopted:

1. *Together with proof of their mobility-parking permit, applicants for a mobility parking space must have a vehicle registered to their address. They do not need to be the driver of the vehicle.*
2. *Applicants who have access to off-street parking will not be entitled to a mobility parking space.*
3. *At least three site visits will be carried out of a morning and evening for each application. These site visits will also be carried out annually. The level of parking within 50m either side of the property must be at or above 85% capacity on each separate occasion.*

4. Letters will be sent to residents annually to determine if the mobility parking space is still required. Residents will also be requested to again provide proof of current registration and their mobility-parking permit.

3. Technical Analysis

Address	MPS Card	Off –street Parking Available	On-street Parking Occupancy	Width of Zone	Recommend Installation	Comments
72 O’Donnell Street, North Bondi	Yes	No	100% during site visits	6.5 m	Yes	

Table 1. Requests for new ‘P Disability Only’ zone



Figure 1: Parked vehicles in the vicinity of No. 72 O’Donnell Street (Right side, single storey semi dwelling).

Address	WTC Approval	Surrounding Parking Restrictions	Recommend Removal	Comments
29 Roe Street, North Bondi	June 2016	Unrestricted	Yes	

Table 2. ‘P Disability Only’ zones no longer required

Under the [NSW] Road Rules 2014, Mobility Parking Scheme card holders are provided with the following concessions:

- Parking is permitted in 'P DISABILITY ONLY' zones.
- When parking in a metered, coupon or ticket parking area, no charge is applied
- Where parking is limited by a sign to more than 30 minutes, the vehicles can park for an unlimited time.
- Where parking is limited by a sign to 30 minutes, the vehicle can park for 2 hours.
- Where parking is limited by a sign to less than 30 minutes, the vehicle can park for a maximum of 30 minutes.
- When stopping in a 'No Parking' zone, the vehicle can drop off or pick up passengers or goods for a period of 5 minutes.

Guidelines used:

- *Transport Administration Act 1988.*
- *RMS's Delegation to Councils; Regulation of Traffic.*
- *RMS's Signs Database.*
- *[NSW] Road Rules 2014.*

4. Financial Information for Council's Consideration

If changes to signs and/or line-marking are approved, Council will supply and install the signs and/or line-marking and remove/adjust existing signs with funds from existing budgets.

5. Attachments:

Nil

REPORT

TC/C.02/17.10



Subject: Grafton Street, Bondi Junction - New Bus Zones and Alterations to Existing Parking Restrictions

TRIM No.: A02/0225-02

Author: Kablan Mowad, Senior Traffic Engineer

Director: Emily Scott, Director, Waverley Renewal

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Installs a 60 metre long "Bus Zone" immediately east of the existing P5 minute parking zone on the northern side of Grafton Street, Bondi Junction between Newland Street and Grosvenor Street.
2. Removes the existing painted kerb blisters located within and at the eastern end of the proposed bus zone.

1. Executive Summary

The State Transit Authority of NSW (STA) has contacted Council stating that the Bondi Junction interchange has reached capacity and as a result no additional trips or buses on new routes can be assigned to this major transport facility.

STA has submitted a proposal requesting additional bus zones be provided outside the interchange on Grafton Street, north side, in the section between Newland Street and Grosvenor Street which is within an acceptable walking distance to and from the interchange. This means having to reconfigure existing parking restrictions along the above section of roadway opposite the Bondi Junction Transport Interchange. Council will be required to exercise its delegated function to implement the proposal.



Aerial view of Grafton Street, Bondi Junction form Newland Street to Grosvenor Street

2. Technical Analysis

The location for the new bus zones requested by the STA is along the northern side of Grafton Street, Bondi Junction between Newland Street and Grosvenor Street. Currently there is 30 metres of “P5 Minute-7am-8pm” parking (approximately 5 spaces) signposted for motorists to drop off or pick up passengers with the remainder of the roadway being ‘No Stopping’.

STA has proposed that changes be made to the current “No Stopping” restrictions east of the P5 minute parking zone to allow for the creation of a new, double length bus zone as shown in figure 1. The P5 minute parking zone would remain unchanged.

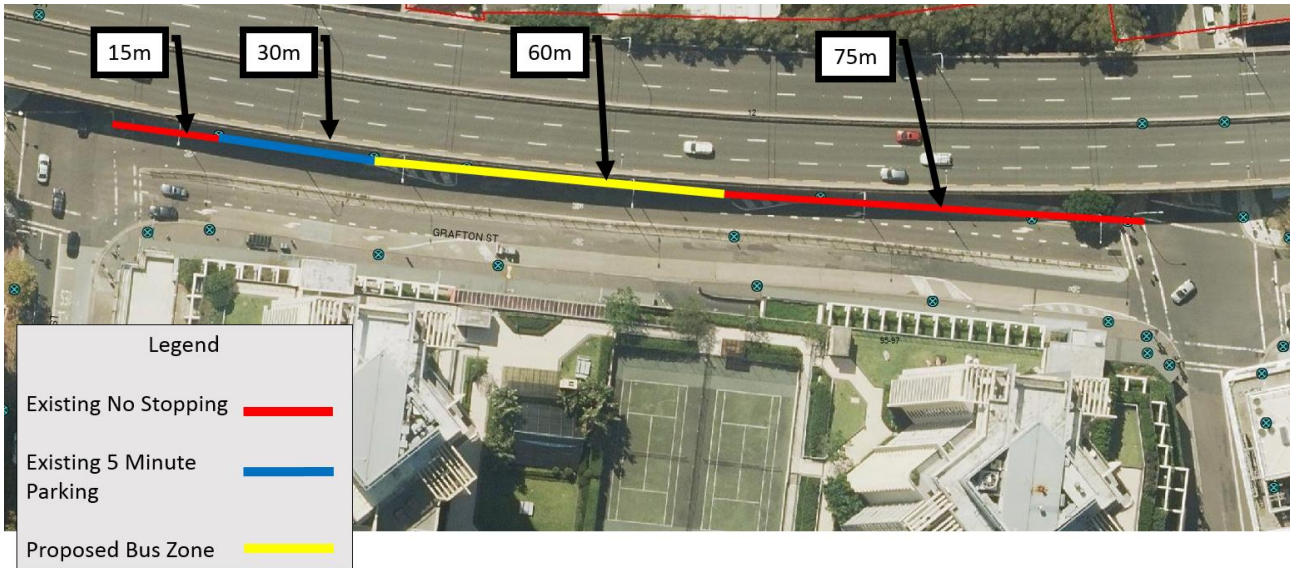


Figure 1. PROPOSED RESTRICTIONS

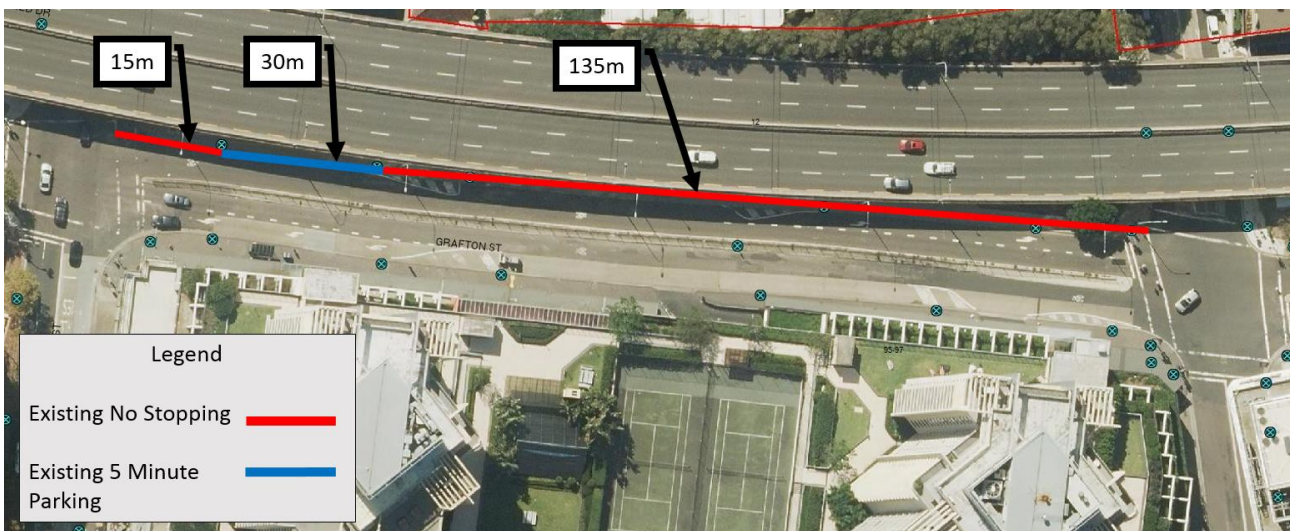


Figure 2. EXISTING RESTRICTIONS

A trial was undertaken with STA to demonstrate that buses can safely pass each other on this section of Grafton Street. Figures 1 & 2 show that the buses can safely pass each other and draw in and out of the proposed bus zone. STA has stated that the western end of the bus zone will be used as a layover for terminating buses which will then move up to the eastern end of the bus zone when they are to depart on their route.



Figure 3. Photo of a bus passing a parked bus on the northern side of Grafton Street.



Figure 4. Photo of a bus drawing into the proposed bus zone on the northern side of Grafton Street.



Figure 5. Photo looking east along Grafton Street form Newland Street

3. Financial Information for Council’s Consideration

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

4. Attachments:

Nil

REPORT

TC/V.01/17.10



Subject: Curlewis Street, Bondi Beach - Construction Zone

TRIM No.: A03/2514-04

Author: Sam Samadian, Traffic Engineer

Director: Emily Scott, Director, Waverley Renewal

COUNCIL OFFICER'S PROPOSAL:

That:

1. Council installs a 12 m long 'No Parking 7 am–5 pm Monday–Friday 8 am–3 pm Saturday Authorised Council Vehicles Excepted' zone across the frontage of 86 Curlewis Street, Bond Beach.
2. There be no blockage to through traffic on Curlewis Street other than for short periods of time when manoeuvring vehicles into and out of the Construction Zone.
3. Council delegates authority to the Executive Manager, Creating Waverley, to extend 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 86 Curlewis Street, Bond Beach, for the installation of a construction zone across the site's frontage. The property has a frontage of 12 m to Curlewis Street. Council will need to exercise its delegated function to implement the proposal.

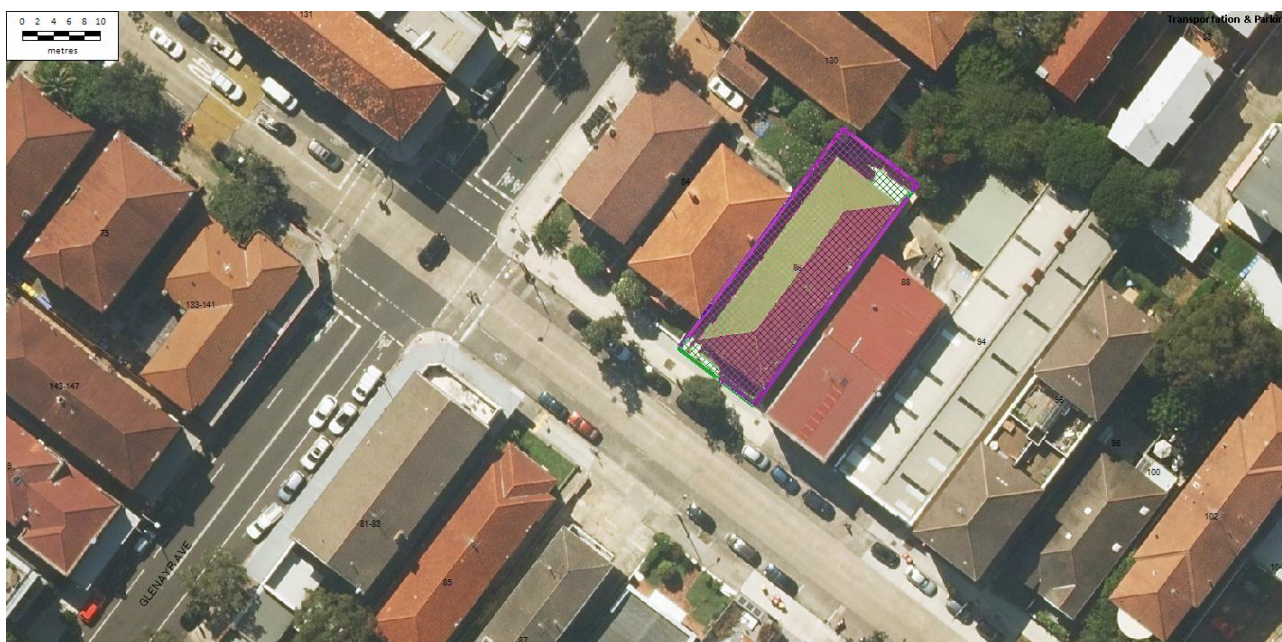


Figure 1. 86 Curlewis Street, Bondi Beach – North side, approximately 30m east of Glenayr Avenue.

2. Introduction/Background

In accordance with standard practice at Council, it is proposed that the zone be signposted 'No Parking Council Authorised Vehicles Excepted' for the approved construction hours under the development consent. Council will then issue the applicant with a number of transferable permits to be used on their construction-related vehicles.

The Traffic Committee and Council generally only approve construction zones at the same length as the frontage, regardless of the location of driveways, for a minimum of 13 weeks.

3. Technical Analysis

The site is located on the northern side of Curlewis Street, East of Glenayr Avenue.

Applicant	Boca Group Pty Ltd
Development Application	DA-313/2016
Works	Alterations and additions to existing residential flat building to create two additional units including attic conversion, new roof, internal alterations and strata subdivision to create 10 lots.
Approved Hours of Construction	7am-5pm Mon-Fri: 8am-3pm Sat
Frontage Length	12 m
Road	Curlewis Street
Existing Parking	2P ticket 8am-10pm permit holders excepted Area 4, Area 8
Requested Length	12m
Proposed Length	12 m
Duration	13 weeks
Beginning	October
Fee Area	Residential, metered parking
Estimated Fees	\$1330 per week

Table 1. Information for proposal at 86 Curlewis Street, Bondi Beach

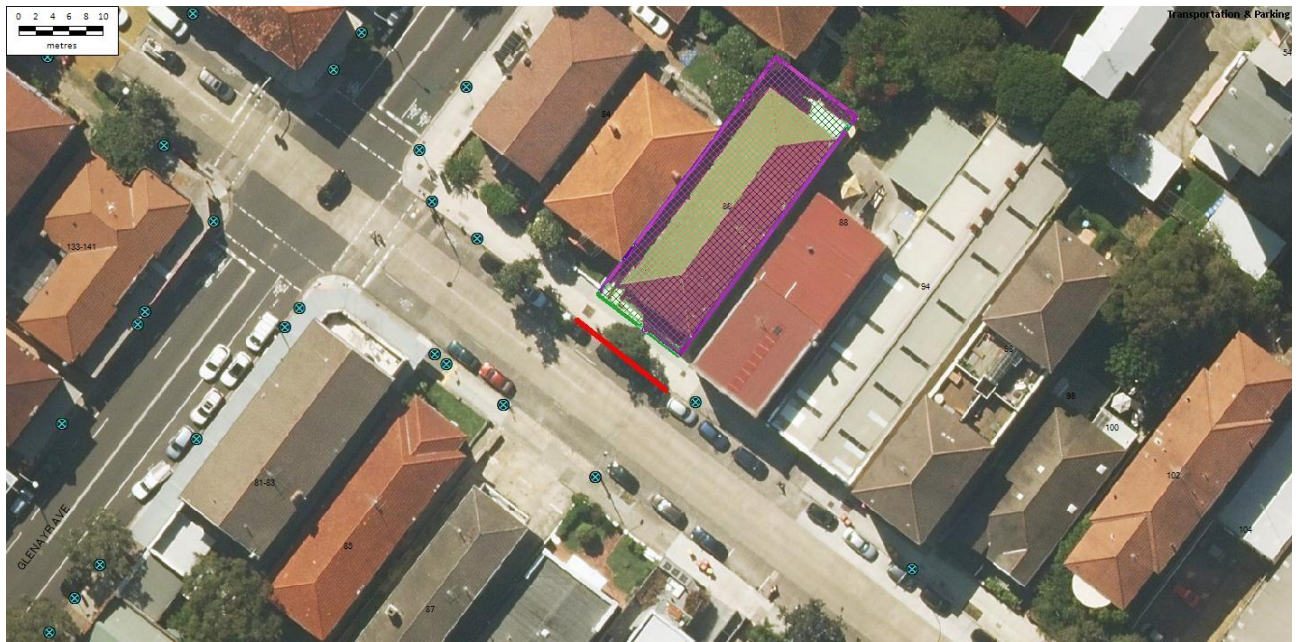


Figure 2. Aerial photograph of 86 Curlewis Street, Bondi Beach.

4. Financial Information for Council's Consideration

The applicant will be required to pay the approved application fee, which covers the cost of administration and signage.

The approved usage charges for the 2017/18 financial year are:

- \$60 per metre per week in a residential developments.
- \$85 per metre per week in a commercial & mixed-use developments.
- Parking meter charges (where applicable): \$305 per week per metered car parking space.

5. Attachments:

Nil

REPORT
TC/V.02/17.10

Subject: Ocean Street North, Bondi - Changes to Parking Restrictions

TRIM No.: A02/0637-02

Author: Kablan Mowad, Senior Traffic Engineer

Director: Emily Scott, Director, Waverley Renewal

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Changes the existing 'P5 minute: 8am-6pm Mon-Fri; No Parking: 6pm-10pm Mon-Fri 8am-10pm Sat-Sun Wedding & Funeral Vehicles Excepted' to 'P5 minute: 7:30am-6pm Mon-Fri; No Parking 6pm-10pm Mon-Fri 8am-10pm Sat-Sun Wedding & Funeral Vehicles Excepted' outside 34A Ocean Street North, Bondi.
2. Not approve any extension to the length of the existing drop off/pick up zone outside 34A Ocean Street North, Bondi.

1. Executive Summary

Council has received a request from the Ocean Street Long Day Preschool operating from a church at 34A Ocean Street North to increase the length and extend the operation times of the drop off/pick up zone located outside the centre. Council will need to exercise its delegated functions to implement the proposal.

2. Introduction/Background

The manager of the Ocean Street Long Day Preschool has written to Council requesting the P5 minute drop off/pick up zone outside the centre be extended in length to cater for an additional car and the time the zone operates in the a.m. be changed from 8a.m. to 7.30a.m. to better reflect the centre's operation times.

3. Technical Analysis

The Ocean Street Long Day Preschool is located on the northern side of Ocean Street North some 110m north of Bondi Road. Parking demand in this northern part of Ocean Street is very high day and night. There is currently a drop off/pick up zone on Ocean Street along the frontage of the centre catering for some three (3) vehicles.

The following restrictions apply to the zone outside the centre:

P5

8am-6pm

Mon-Fri

No Parking

6pm-10pm

Mon-Fri

8am-6pm

**Sat-Sun
Wedding and Funeral Vehicles Excepted**



Figure 1. Sign showing existing parking restrictions outside 34A Ocean Street North

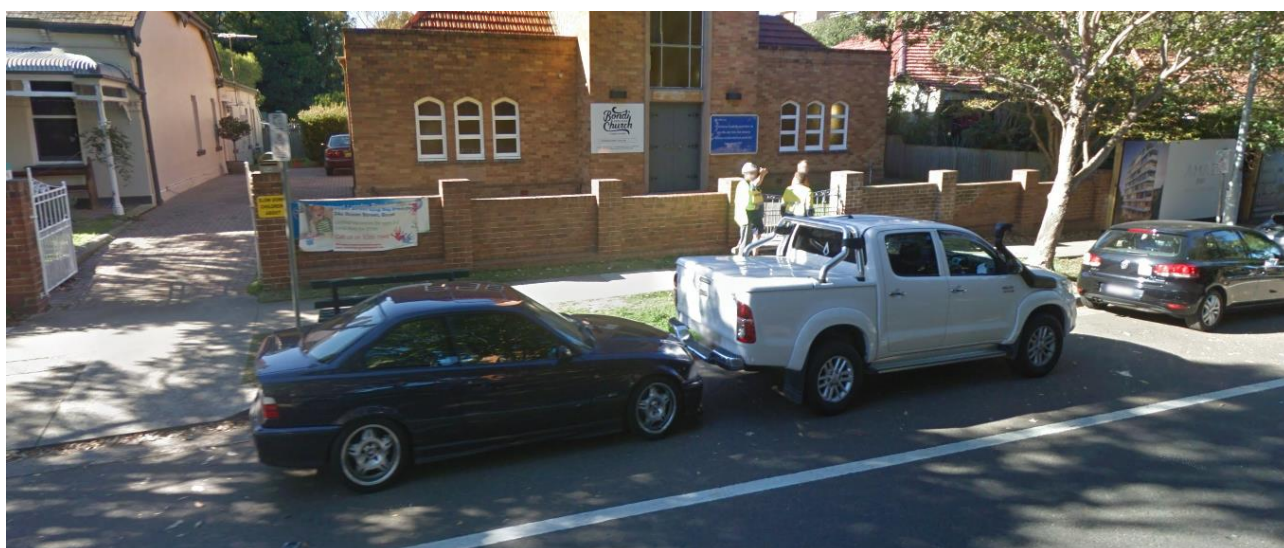


Figure 2: Extent of existing zone outside 34A Ocean Street North

Currently there is a work zone located immediately south of the site which operates from 7.am. on weekdays. Vehicles are often parked in the drop off /pick up zone until 8a.m. which is after the centre opens. Changing the starting time on the restrictions to 7:30am will match the opening times of the centre and help increase parking turnover.

Extending the length of the zone by an additional car length is not supported for the following reasons:

- (a) The zone if extended to the south will extend beyond the boundaries of the frontage of the site which is generally not supported.
- (b) The zone if extended to the north will extend across a driveway which is not supported even though it is the driveway to the off street car park behind the centre.

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/V.03/17.10

Subject: Military Road, Vacluse - Temporary Relocation of Bus Zone

TRIM No.: A02/0225-02

Author: Kablan Mowad, Senior Traffic Engineer

Director: Emily Scott, Director, Waverley Renewal

COUNCIL OFFICER'S PROPOSAL:

That Council:

1. Approves the temporarily relocation of existing bus stop No. 203025 to a new location, commencing at the power pole outside No. 376 Military Road for a distance of 24m to the east and terminating outside No. 372 Military Road, as shown in Figure 2 in the report subject to the installation of an approved works/construction zone being installed outside the site.
2. Notifies affected residents of the temporary changes prior to implementation.
3. Arranges with Sydney Buses to reinstate the bus zone to its original location as soon as practicable following completion of the building works.

1. Executive Summary

This report is for the Committee to consider a request by the builder /developer of 695 Old South Head Road, Vacluse for a temporary relocation of a bus zone located on the Military Road frontage of the site to allow for improved vehicular access to and from the site. STA-Sydney Buses has agreed to the proposed temporary relocation of the zone to the east. Council will be required to exercise its delegated function to implement the proposal.

2. Introduction/Background

The developer at 695 Old South Head Road, Vacluse has requested that the bus zone located on the Military Road frontage of the site be temporarily relocated to the east to improve vehicular access to and from the site.

The full length of the Military Road frontage of the site is subject to a bus zone.



Figure 1: Aerial view of 695 Old South Head Road, Vaucuse (SE Cnr of Old South Head Road and Military Road)

3. Technical Analysis

The existing bus zone is located outside the Military Road frontage of 695 Old South Head Road and extends to the east terminating at a power pole part way across the frontage of 376 Military Road. The bus stop is identified as No. 203025.

The proposed temporary location of the Bus Zone is to be from the above power pole outside No. 376 Military Road extending east for a distance of 24m and terminating approximately 3 metres east of the driveway to 372 Military Road as shown in Figure 2.

This will result in the temporary loss of approximately 3 unrestricted car spaces outside these residential properties for the duration of the construction.

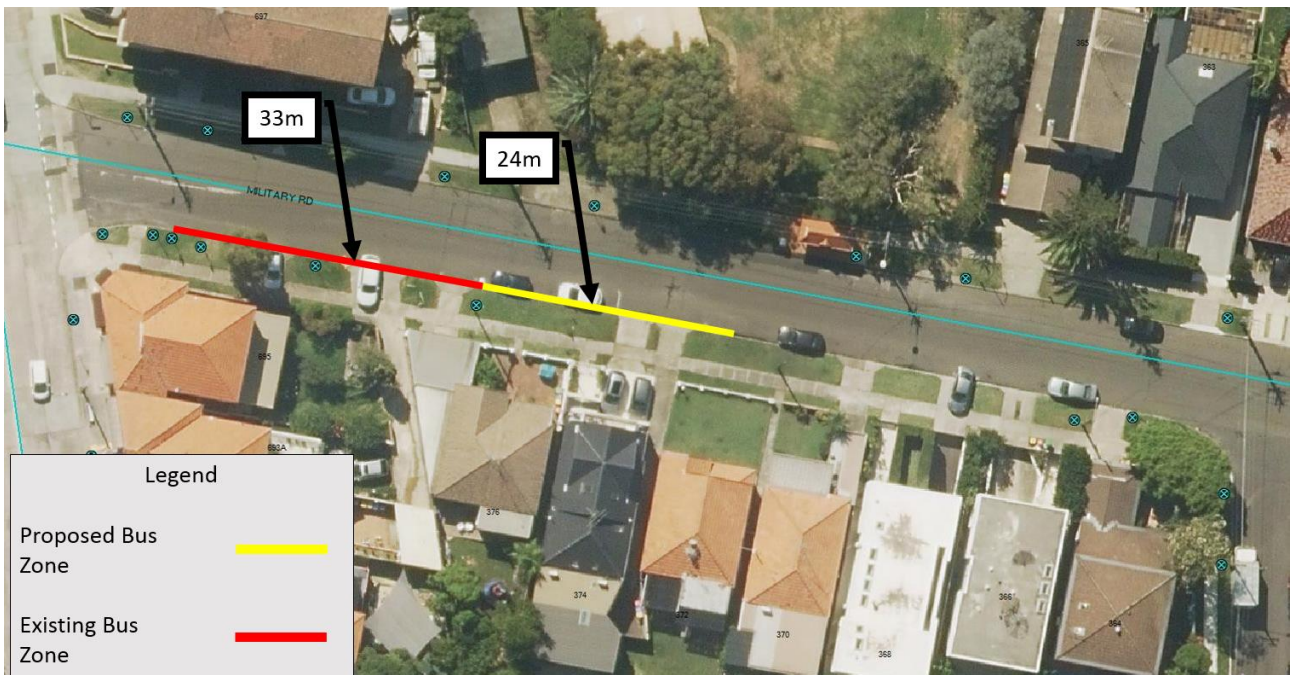


Figure 2: Aerial photo showing proposed changes.



Figure 3: Street view of the existing Bus Zone

The carriageway is approximately 9.5 metres wide at the proposed location and is opposite the existing bus stop on the northern side of Military Road. This will still allow a lane of through traffic to pass when buses are parked in both bus zones at the same time.

4. Financial Information for Council's Consideration

All costs associated with any approved sign changes will be borne by the applicant.

5. Attachments:

Nil

REPORT
TC/V.04/17.10

Subject: Hall Street, Bondi Beach - Installation of 'Keep Clear' Pavement Marking

TRIM No.: A03/0042-04

Author: Kablan Mowad, Senior Traffic Engineer

Director: Emily Scott, Director, Waverley Renewal

COUNCIL OFFICER'S PROPOSAL:

That Council, on receipt of approval from the Roads and Maritime Services, installs 'Keep Clear' pavement markings on Hall Street on the eastbound lanes only at the intersection with Gould Street, Bondi Beach.

1. Executive Summary

Council has received a request from NSW Police to improve egress from Gould Street, containing the Bondi Police Station, onto Hall Street, Bondi Beach. As the installation of 'Keep Clear' markings is not delegated to Councils, this report is a request for the RMS to authorise the installation of the pavement markings. Council does not need to exercise its delegated authority for the proposal to be implemented.

2. Introduction/Background

The Hall Street/Gould Street intersection is located 65m north-west of the signalised intersection of Hall Street and Campbell Parade. NSW Police advise that vehicles frequently queue back from the traffic signals at Campbell Parade obstructing egress from Gould Street. Vehicles are unable at times to turn left or right from Gould Street which prevents emergency vehicles being able to exit and also prevents other vehicles on Gould Street from being able to move along Gould Street and out of the path of emergency vehicles exiting Gould Street.



Figure 1: Intersection of Gould Street and Hall Street some 65m north-west of Campbell Parade.



Figure 2. Vehicles queued back across Gould Street on Hall Street from the Campbell Parade traffic signals.

3. Technical Analysis

Hall Street and Gould Street are both Council owned roads. Gould Street is one way southbound towards Hall Street. They are contained within the busy Bondi Beach shopping precinct with both carrying significant and slow moving volumes of traffic. It is common for drivers of vehicles to queue on Hall Street back from the Campbell Parade traffic signals across the Gould Street intersection blocking movements out of Gould Street.

The RMS "Delineation" manual (section 9.3.2) limits the use of these markings to specific circumstances which includes emergency vehicle access which may be blocked by traffic queues. It is proposed to install the markings in the eastbound (northern side) lanes only.

4. Financial Information for Council's Consideration

If installation of signage/linemarking is approved, Council will undertake the installation from existing budgets.

5. Attachments:

Nil

REPORT
TC/TEAC.01/17.10

Subject: Ashton Street, Queens Park - Speed and Volume Count Results

TRIM No.: A03/0042-04

Author: Kablan Mowad, Senior Traffic Engineer

Director: Emily Scott, Director, Waverley Renewal

COUNCIL OFFICER'S PROPOSAL:

That having regard to the low recorded vehicle speed and volumes, no action be taken to change traffic conditions in Ashton Street.

1. Executive Summary

Council has received a request to investigate vehicle speeds and volumes in Ashton Street, Queens Park. Tube counts have been carried out before and after the existing, slow point/chicane device located mid-way along the street. Following an analysis of the results which revealed low speeds and volumes, it is recommended no action be taken to change traffic conditions in the street.

2. Introduction/Background

Concern has been raised by some residents of Ashton Street in regard to vehicle speeds and volumes and to the street being used as "rat run" particularly during school drop off times. They are requesting Council consider carrying out civil works in Ashton Street that would permanently ban the left turn for southbound vehicles in Ashton Street into York Road.

3. Technical Analysis

Ashton Street, Queens Park is a local road under Council control and is located at the western end of Birrell Street some 120m to the east of the Birrell Street/York Road roundabout. It has a length of some 230m and runs between Birrell Street in the north to York Road in the south. A traffic calming device/chicane is installed approximately mid way along the street.

Traffic counters were installed in Ashton Street from 4 August to 10 August 2017 to record traffic speeds and volumes. Two sets of counters were installed. One outside 20 Ashton Street to the north of the chicane and the other near Ashton Lane to the south of the chicane. This would show speeds on the approach to and after the chicane. The relevant speed and volume data is included in Attachment 1. Weekday data was used for this report as it is weekday movements that are of concern to residents.



Figure 1. View of Ashton Street looking south to York Road with chicane approximately mid way.

(a) TRAFFIC COUNTER AT No. 20 ASHTON STREET

Traffic Count Summary from outside 20 Ashton Street			
	Combined	South Bound	North Bound
Weekday Average 85 th percentile speed	42.5 km/h	42.9 km/h	41.6 km/h
85 th percentile speed (7am – 8am)	43 km/h	43.1 km/h	42.1 km/h
85 th percentile speed (8am – 9am)	43.6km/h	44.5 km/h	42.9 km/h
Weekday Average Weekday Traffic Volumes	570 vehicles per day	384 vehicles per day	186 vehicles per day
Traffic Volumes (7am – 8am)	89 vehicles	62 vehicles	27 vehicles
Traffic Volumes (7am – 8am)	91 vehicles	57 vehicles	34 vehicles

(b) TRAFFIC COUNTER NEAR ASHTON LANE

Traffic Count Summary from near Ashton Lane			
	Combined	South Bound	North Bound
Weekday Average 85th percentile speed	41 km/h	41.7 km/h	33.9 km/h
85th percentile speed (7am – 8am)	40.4 km/h	40.9 km/h	35.4 km/h
85th percentile speed (8am – 9am)	40.7 km/h	41.5 km/h	35.8 km/h
Weekday Average Weekday Traffic Volumes	551 vehicles per day	390 vehicles per day	161 vehicles per day
Traffic Volumes (7am – 8am)	90 vehicles	67 vehicles	23 vehicles
Traffic Volumes (7am – 8am)	93 vehicles	62 vehicles	31 vehicles

It is acknowledged that the 7am – 9am school drop off period is the busiest period for traffic in Ashton Street. That is however normal for streets in close proximity to schools to experience a spike in traffic movements as parents etc., drop students at the school.

The volumes are also still relatively low overall and do not exceed the 300 vehicle per hour environmental capacity for local roads.

Based on the speed and volumes counts, it is recommended that no action be undertaken to alter traffic conditions in Ashton Street, Queens Park.

4. Financial Information for Council's Consideration


Nil

5. Attachments:

1. Ashton Street - Traffic Count Data


Ashton Street Traffic Count Data – Volume Summary

Job No	N3454
Client	Waverley Council
Site	Ashton Street, Queens Park
Location	outside 20
Site No	1
Start Date	4-Aug-17
Description	Volume Summary
Direction	Combined



Hour Starting	Day of Week							W'Day Ave	7 Day Ave
	Mon	Tue	Wed	Thu	Fri	Sat	Sun		
	7-Aug	8-Aug	9-Aug	10-Aug	4-Aug	5-Aug	6-Aug		
AM Peak	100	90	117	95	84	38	33	570	517
PM Peak	55	58	45	66	45	39	52		
0:00	0	2	2	0	1	4	0	1	1
1:00	0	1	1	1	2	1	0	1	1
2:00	0	0	0	0	1	1	0	0	0
3:00	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	1	0	0	0	0
5:00	4	5	1	2	3	1	6	3	3
6:00	18	16	13	12	11	4	3	14	11
7:00	100	78	88	95	84	16	9	89	67
8:00	89	90	117	87	71	24	14	91	70
9:00	29	29	29	34	32	35	20	31	30
10:00	20	25	19	30	31	27	33	25	26
11:00	24	23	21	20	27	38	22	23	25
12:00	30	32	22	26	23	39	32	27	29
13:00	10	12	18	18	37	38	52	19	26
14:00	29	30	37	45	41	31	29	36	35
15:00	55	58	45	66	38	30	25	52	45
16:00	34	49	31	35	26	23	26	35	32
17:00	47	52	41	45	45	38	26	46	42
18:00	28	35	34	22	32	19	20	30	27
19:00	19	17	19	27	29	18	10	22	20
20:00	10	4	17	10	8	11	10	10	10
21:00	4	11	10	9	9	10	6	9	8
22:00	2	5	4	6	0	7	3	3	4
23:00	5	6	2	1	0	8	0	3	3
Total	557	580	571	591	552	423	346	570	517

Job No	N3454
Client	Waverley Council
Site	Ashton Street, Queens Park
Location	near Ashton Lane
Site No	2
Start Date	4-Aug-17
Description	Volume Summary
Direction	Combined



Hour Starting	Day of Week							W'Day Ave	7 Day Ave
	Mon 7-Aug	Tue 8-Aug	Wed 9-Aug	Thu 10-Aug	Fri 4-Aug	Sat 5-Aug	Sun 6-Aug		
AM Peak	99	94	125	91	87	39	28	551	499
PM Peak	46	63	39	68	48	40	47		
0:00	0	0	2	0	1	4	0	1	1
1:00	0	1	1	1	0	1	0	1	1
2:00	0	0	0	0	1	1	0	0	0
3:00	0	0	0	0	0	0	1	0	0
4:00	0	0	0	1	1	0	0	0	0
5:00	6	5	1	3	5	1	1	4	3
6:00	24	21	19	23	16	4	1	21	15
7:00	99	77	101	87	87	16	12	90	68
8:00	85	94	125	91	70	24	12	93	72
9:00	23	30	26	35	29	35	20	29	28
10:00	22	17	15	27	25	30	28	21	23
11:00	25	23	19	15	28	39	17	22	24
12:00	20	31	20	24	25	39	38	24	28
13:00	12	13	20	12	40	31	47	19	25
14:00	30	42	33	38	48	24	22	38	34
15:00	43	63	39	68	39	23	29	50	43
16:00	33	50	32	32	23	26	23	34	31
17:00	46	39	38	40	34	40	24	39	37
18:00	26	30	25	21	34	27	25	27	27
19:00	19	15	12	15	18	16	7	16	15
20:00	9	3	12	9	8	15	7	8	9
21:00	3	7	7	9	9	9	2	7	7
22:00	1	2	5	7	1	7	2	3	4
23:00	2	4	4	3	1	7	0	3	3
Total	528	567	556	561	543	419	318	551	499

Ashton Street Traffic Count Data – Speed Summary

Job No: N3454
 Client: Waverley Council
 Site: Ashton Street, Queens Park
 Location: outside 20
 Site No: 1
 Start Date: 4-Aug-17
 Day: Weekday Ave
 Direction: Combined
 Description: Speed Summary

Select Site:

Select Day: Select Direction:

Speed Bin (Kph)	Count
10-20	26
20-30	90
30-40	288
40-50	155
50-60	10
60-70	0
70-80	0
80-90	0
90-100	0
100-110	0
110-120	0
120+	0

Bin Summary	
10-20	4.6%
20-30	15.9%
30-40	50.6%
40-50	27.1%
50-60	1.8%
60-70	0.0%
70-80	0.0%
80-90	0.0%
90-100	0.0%
100-110	0.0%
110-120	0.0%
120+	0.0%
Ave	35.7
85%ile	42.5

Hour Starting	Vehicle Speed Bins (kph)												Speed	
	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	120+	Ave	85%ile
0:00	0	0	1	0	0	0	0	0	0	0	0	0	31.5	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	34.5	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	24.0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0		0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	24.1	0
5:00	0	1	2	0	0	0	0	0	0	0	0	0	33.6	0
6:00	1	2	6	5	0	0	0	0	0	0	0	0	35.4	42.3
7:00	3	8	45	31	2	0	0	0	0	0	0	0	37.3	43.0
8:00	2	13	47	28	2	0	0	0	0	0	0	0	36.9	43.6
9:00	1	7	17	6	0	0	0	0	0	0	0	0	33.9	40.7
10:00	1	5	13	5	0	0	0	0	0	0	0	0	34.4	41.3
11:00	1	4	13	6	0	0	0	0	0	0	0	0	35.7	41.8
12:00	2	6	11	7	0	0	0	0	0	0	0	0	33.8	42.3
13:00	1	4	10	4	0	0	0	0	0	0	0	0	34.4	40.3
14:00	2	5	18	10	0	0	0	0	0	0	0	0	35.4	42.3
15:00	3	10	25	14	1	0	0	0	0	0	0	0	35.1	42.2
16:00	1	5	14	12	2	0	0	0	0	0	0	0	37.3	44.1
17:00	3	6	23	13	1	0	0	0	0	0	0	0	35.3	42.9
18:00	1	5	16	8	0	0	0	0	0	0	0	0	35.8	43.2
19:00	1	5	13	3	1	0	0	0	0	0	0	0	34.4	39.8
20:00	1	1	7	1	0	0	0	0	0	0	0	0	35.3	41.3
21:00	1	2	4	1	0	0	0	0	0	0	0	0	32.8	41.2
22:00	0	1	2	0	0	0	0	0	0	0	0	0	29.4	0
23:00	1	1	1	0	0	0	0	0	0	0	0	0	31.5	0
Total	26	90	288	155	10	0	0	0	0	0	0	0	35.7	42.5

