



Residents of Camoola Avenue, Ballina

Have Your Say in Reviewing Camoola Avenue's Traffic Management

In response to concerns raised by some of the residents in Camoola Avenue regarding traffic management, Council has been asked to investigate options to improve the traffic function of the street for the future.

Please find attached information about the options we have identified so far. In this review, we are seeking to achieve an outcome that will best accommodate the needs of both local residents and the flow of traffic.

It would greatly assist Council's deliberations if local residents are able to provide a response to the options presented here, or alternatively provide other suggestions.

We would therefore appreciate you forwarding any comments or suggestions regarding the proposals to - *The General Manager, Ballina Shire Council, PO Box 450 Ballina NSW 2478*, by close of business, **Friday 2 May 2014**. Alternatively email council@ballina.nsw.gov.au

If you have any enquiries in regard to this matter please contact Council's Traffic Engineer, Patrick Knight on 6686 1447.

Yours faithfully

John Truman
Group Manager
Civil Services

Camoola Avenue, Ballina

Traffic Management Options April 2014

Background

Camoola Avenue is a relatively narrow residential street that provides access and parking for adjoining residents and visitors. Being adjacent to the Ballina CBD, traffic flows are influenced by nearby commercial land uses. A large expanded motel development is being proposed in Kerr Street, adjacent to Camoola Avenue, and if this is approved and built, it is likely to cause additional traffic and parking pressure on Camoola Avenue.

A number of Camoola Avenue residents have contacted Council expressing a desire for local traffic management to be reviewed.

Camoola Avenue acts as a minor collector road for the traffic catchment south of River Street and west of Kerr Street. The traffic signals at the River Street/Kerr Street intersection provide a 30 second exit phase for traffic from this catchment. The intersections serving this catchment further west on River Street operate under give way control.

Camoola Avenue road reserve is 10 m wide, the road pavement is 6 m wide with lay back kerb and gutter. The verge/footpath area on either side is around 2 m wide. The southern footpath is concrete, the north side is mostly grass surface. There are many access driveways on both sides of the street. Vehicles parallel park on the sides of Camoola Avenue and influence the traffic flows and at times interfere with pedestrian travel paths. This parking limits vehicle accessibility for two way traffic and at times restricts it down to one effective travel lane.

At times the intersection of Camoola Avenue and Kerr Street becomes congested with parking from visitors to the adjacent restaurant. Residents are concerned that this situation may be worsened through further development.

Suggested Traffic Management Options

In response to suggestions of residents, Council staff have developed a number of traffic management and one-way options. They are shown in the following table. The table also provides some analysis of advantages and disadvantages of the options.

Options 2, 3, 4 & 5 are also shown on attached aerial photos. Option 1 (no change) is not shown on the aerial photos.

11.2 Traffic Management Options - Camoola Avenue, Ballina.DOC

Option	Advantages	Disadvantages
<p>Option 1 No change No regulated kerbside parking. Two way traffic</p>	<ul style="list-style-type: none"> • Preserves choice of traffic to use Camoola Avenue in both directions • Preserves choice of vehicles to park on either side of street 	<ul style="list-style-type: none"> • If kerbside parking fully utilised it is likely to be staggered and effectively reduce Camoola Avenue to one trafficable lane. There may be uncertainty on which direction has right of way • Uncertainty of directional right of way may lead to congestion and stoppages
<p>Option 2 One way traffic eastbound only. Unregulated kerbside parking north side Kerbside parking not permitted south side</p>	<ul style="list-style-type: none"> • Provides traffic with clear, high capacity eastbound lane • Still enables vehicles to park on one side of Camoola Avenue • Traffic can exit local area via green phase at Kerr Street signals • Westbound traffic can enter local area via left turn from River Street, west of Kerr Street 	<ul style="list-style-type: none"> • Parking choice lost on south side • Entry into Camoola Avenue and local area beyond, via Kerr Street signals not possible • Local traffic circulation choice reduced
<p>Option 3 Two way traffic. Kerbside parking not permitted on any side</p>	<ul style="list-style-type: none"> • Two way uninhibited traffic flow has best traffic flow capacity • Preserves choice of traffic to use Camoola Avenue in both directions 	<ul style="list-style-type: none"> • All kerbside parking lost in Camoola Avenue • May lead to increase in future traffic using Camoola Avenue
<p>Option 4 Two way traffic. Staggered kerbside parking controlled at prescribed locations by signage on either side.</p>	<ul style="list-style-type: none"> • Preserves choice of traffic to use Camoola Avenue in both directions • Provides some parking opportunities on both sides 	<ul style="list-style-type: none"> • Loss of significant number of parking spaces • Staggered parking areas, if fully utilised will effectively reduce Camoola Avenue to one trafficable lane. There may be uncertainty which direction has right of way • Uncertainty of directional right of way may lead to congestion and stoppages. • Staggered parking signage may be confusing
<p>Option 5 One way traffic east bound only. Staggered kerbside parking controlled at prescribed locations by signage on either side.</p>	<ul style="list-style-type: none"> • Provides clear, but staggered eastbound lane for through traffic. • Provides some parking opportunities on both sides • Staggered parking on either side more equitable for residents than Option 2 (parking north side only) • Traffic can exit local area via green phase at Kerr Street signals • Westbound traffic can enter local area via left turn from River Street, west of Kerr Street 	<ul style="list-style-type: none"> • Loss of significant number of parking spaces either side • Staggered eastbound lane has lower traffic flow capacity than Option 2. • Staggered parking signage may be confusing • Local traffic circulation choice reduced • Entry into Camoola Avenue and local area beyond, via Kerr Street signals not possible

Impacts of Options

Option 3 with two way traffic and no parking on either side of Camoola Avenue is the best solution for providing through traffic flow, but comes at the cost of losing all kerbside parking and severely disadvantages local residents.

Option 2 with one way traffic and parking on the north side only provides some balance between the needs of through traffic and parking needs of local residents and their visitors.

Options 4 with two way traffic and signed, staggered parking is likely to lead to unacceptable congestion and traffic stoppages as traffic volumes increase over future years.

Options 5 with one way traffic and signed, staggered parking will provide no more kerbside parking that Option 2, but its through traffic capacity will be compromised by the staggered flow path and may lead to congestion and stoppages as traffic volumes increase over future years.

Option 1 (no change) with uncontrolled, partly staggered parking may impede traffic flow and could lead to unacceptable congestion and stoppages as traffic volumes increase over future years.

Have Your Say

Council welcomes your opinions on this matter. You may have other options, variations or suggestions that Council should consider.

Please forward your comments and suggestions on Camoola Avenue Traffic arrangements to:

The General Manager
Ballina Shire Council
PO Box 450
Ballina NSW 2478

Alternatively email council@ballina.nsw.gov.au

by close of business, **Friday 2 May 2014**.

If you have any enquiries in regard to this matter please contact Council's Traffic Engineer, Patrick Knight on 6686 1447.

11.2 Traffic Management Options - Camoola Avenue, Ballina.DOC



Option 2 - Camoola Avenue, One Way Traffic Eastward - No Parking South side



Option 3 - Camoola Avenue, Two Way Traffic - No Parking Both Sides

11.2 Traffic Management Options - Camoola Avenue, Ballina.DOC



Option 4 - Camoola Avenue, Two Way Traffic - Staggered Parking Both Sides



Option 5 - Camoola Avenue, One Way Traffic Eastward - Staggered Parking Both Sides