

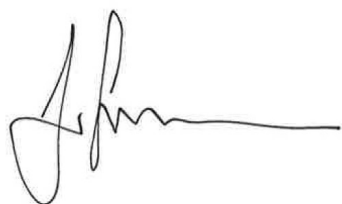
# AGENDA – LATE ITEM

## NORTHERN BEACHES COUNCIL LOCAL TRAFFIC COMMITTEE MEETING

Notice is hereby given that a meeting of the Northern Beaches Council Local Traffic Committee will be held via TEAMS in the Flannel Flower Room, Civic Centre, Dee Why on

**TUESDAY 4 MAY 2021**

Beginning at 10am for the purpose of considering and determining matters included in this agenda.



**Jorde Frangoples**  
**Director Transport and Assets**

## **Agenda for a meeting of the Northern Beaches Council Local Traffic Committee**

**to be via TEAMS held on Tuesday 4 May 2021**

**in the Flannel Flower Room, Civic Centre, Dee Why**

**Commencing at 10am**

<b>4.0</b>	<b>REPORTS FOR APPROVAL BY COUNCIL DELEGATION .....</b>	<b>3</b>
4.20	South Creek Road, Dee Why - Roundabout Modification .....	3

**NEXT MEETING Tuesday 1 June 2021**

## 4.0 REPORTS FOR APPROVAL BY COUNCIL DELEGATION

<b>ITEM 4.20</b>	<b>SOUTH CREEK ROAD, DEE WHY – ROUNDABOUT MODIFICATION</b>
<b>REPORTING OFFICER</b>	<b>TRAFFIC OFFICER</b>
<b>TRIM FILE REF</b>	<b>2021/307748</b>
<b>ATTACHMENTS</b>	<ol style="list-style-type: none"> <li><b>1 South Creek Road, Dee Why – Aerial</b></li> <li><b>2 South Creek Road, Dee Why – Photograph</b></li> <li><b>3 South Creek Road, Dee Why – Detail Design Plan</b></li> <li><b>4 South Creek Road, Dee Why – Signage and Line Marking Plan</b></li> <li><b>5 South Creek Road, Dee Why – Swept Path</b></li> </ol>

**GEOCODES:** 341474.951,6265233.445, -33.741102,151.288664

### REPORT

#### BACKGROUND

Council has received concerns from local residents regarding the turning movements of vehicles at the intersection of South Creek Road and Campbell Avenue, Dee Why

#### LOCATION

- The section under consideration is the intersection of South Creek Road and Campbell Avenue, Dee Why.
- South Creek Road intersects Campbell Avenue at the stem of a 'T' intersection and is roundabout controlled.
- South Creek Road and Campbell Avenue are regional roads carrying high volumes of traffic to and from the Cromer Industrial area.
- The carriageway of Campbell Avenue and South Creek Road caters for two-way traffic and has a measured width of 12 metres and 10 metres from kerb to kerb, correspondingly.
- Both Campbell Avenue and South Creek Road adheres to a 50km/h speed limit.
- There is a footpath present on both sides of the road on South Creek Road and Campbell Avenue.
- There are existing median islands on each leg of the roundabout. The median islands on Campbell Avenue have a pedestrian gap to allow pedestrians to cross trafficable lanes in stages.
- A dedicated right-turning lane is provided at the intersection to residential cul-de-sac streets of Campbell Avenue and Michelle Road.
- Adjacent land is mainly low density residential dwellings on the eastern side of the roundabout with an industrial area on the western side.
- Pittwater House School is within 150 metres to the intersection.
- Parking is generally unrestricted except for the statutory 'No Stopping' 10 metres from the intersection. The statutory 10 metre 'No Stopping' restrictions are not signposted
- 180 and 180x bus routes service the section of South Creek Road and Campbell Avenue with multiple school bus services that also operate.
- Council has proposed to remove the parking north of Property No. 38 Campbell Avenue by extending the existing 'No Stopping' restrictions along the frontage of Property No.75 South Creek Road. (refer to Northern Beaches Council Local Traffic Committee Item No. 4.17).

## ISSUES

- South Creek Road and Campbell Avenue serve as primary collector roads and thoroughfare for residents and the Cromer industrial area to Pittwater Road (State road). The frequency and volume of heavy and long vehicles are higher than local roads.
- The alignment of the existing roundabout and median islands does not meet current road functions, resulting in operational and safety problems for the heavy and long traffic that use the intersection. This results in conflicts at exits of the roundabout and drivers may experience difficulty in anticipating the appropriate turning path.
- Heavy and long vehicles are mounting the existing kerb and gutter when negotiating left-turn movements from Campbell Avenue into South Creek Road.
- It can be observed the visual condition of the damaged nature strip, kerb and gutter due to the turning movements of the heavy and long vehicles. (refer to Attachment 2 – South Creek Road, Dee Why – Photograph).
- Due to heavy and long vehicles mounting the existing kerb and gutter, there is a potential for conflict with pedestrians using the footpaths.
- Five-year crash data shows there have been two crashes at the intersection of South Creek Road and Campbell Avenue involving vehicles colliding with a pedestrian and objects on the carriageway.

## PROPOSAL

Council has undertaken a review of the turning paths and proposes the reconstruction of the median islands and realignment of the edge of the roadway at the intersection of South Creek Road and Campbell Avenue, Cromer.

The detailed design plan (refer to Attachment 3 – South Creek Road, Dee Why – Detail Design Plan) outlines the proposed works at the intersection of South Creek Road and Campbell Avenue, Cromer and includes the following treatments:

- Reconstructing and realignment of existing kerb and gutter.
- Providing landscaped kerb extensions at the intersection on the northern leg.
- Reconstructing the existing median islands on the northern and eastern leg.
- Reconstructing kerb ramps to align with new pedestrian gaps.
- Reconstructing concrete footpath on both sides of the road,
- Installing associated pavement line marking and No Stopping restrictions as required (refer to Attachment 4 – South Creek Road, Dee Why – Signage and Line Marking Plan).

## PEDESTRIAN AND CYCLING IMPACT STATEMENT

This proposal will have the following impact(s) on pedestrians and people cycling:

- South Creek Road and Campbell Avenue is part of the Road Cycling Network and is included in the Safe Cycling Network for Local Connections.
- The proposal will have no impact on people cycling and does not affect any future planned facilities.
- The proposal will provide additional crossing facilities to allow pedestrians to cross trafficable lanes in stages. Kerb extensions are proposed in conjunction with the reconstructed median islands to further reduce the road width where this is necessary.

## CONSULTATION

Public consultation is not necessary as the impact on residents is very low and the proposal enhances safety.

**RECOMMENDATION TO TRAFFIC COMMITTEE**

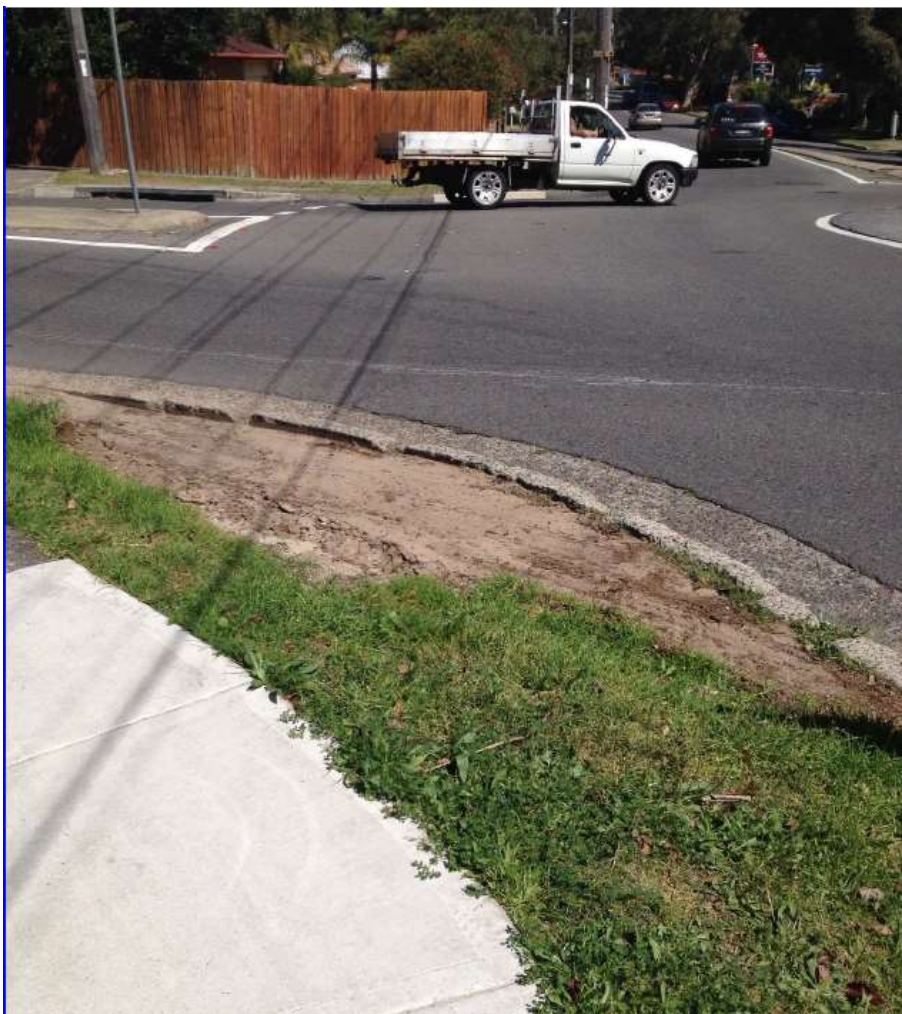
That the Traffic Committee supports the:

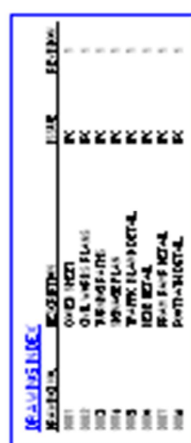
- A. Detailed design plan for the reconstruction of median islands, kerb and gutter, kerb extension and associated signposting and line marking at the intersection of South Creek Road and Campbell Avenue, Cromer.
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**200mm WIDE CONCRETE KERB & GUTTER DETAIL (40MPa)**

## STANDARD KERB AND GUTTER NOTES

1. FIBER AND GUTTER CONCRETE DOWNS, 4 IN.  
2. DEANS AND THE USE SHALL BE REQUIRED IN  
3. TYPED CONCRETE AND FINISHED WITH A STEEL  
4. THE MINIMUM COMPRESSIVE STRENGTH SHALL BE  
5. 3000 PSI AT 28 DAYS (AS A MINIMUM).  
6. FIBER REINFORCED CONCRETE SHALL BE PROPORTIONED  
7. THAT THE MINIMUM COMPRESSIVE STRENGTH IS  
8. NOT LESS THAN 3000 PSI.  
9. THE COUNCIL OR ITS REPRESENTATIVE DEPTS.  
10. THAT THE ITEMS TO BE REFINISHED, THE  
11. CONTRACTOR SHALL LAY A THREE (3) IN. GPM  
12. CUT IN THE GUTTER FRONT AND REINFORCE THE  
13. HEREON AND OR LAYBACK.  
14. HEREON THE FIBER AND ASSOCIATED GLENT  
15. IS TO BE LAYED SAW CUT IN THE ASPHALT  
16. MINIMUM 3000 PSI FROM UP OF GUTTER, COMPACT  
17. SUBGRADE AND INSTALL A SPLIT STEP TO MAKE  
18. SMOOTH TRANSITION.  
19. THE CONSTRUCTION OF ALL VEHICLE CROSSINGS  
20. AND ASSOCIATED WORKS WITHIN THE ROAD  
21. REEVE MUST BE UNDERTAKEN BY A COUNCIL  
22. APPROVED CONTRACTOR.

U.S. No. 26	LY 26-0017-2000	14.6	12.0	6.0	3.0	2.0	1.0	0.5	0.25	0.125	0.0625	0.03125	0.015625	0.0078125	0.00390625	0.001953125	0.0009765625	0.00048828125	0.000244140625	0.0001220703125	0.00006103515625	0.000030517578125	0.0000152587890625	0.00000762939453125	0.000003814697265625	0.0000019073486328125	0.00000095367431640625	0.000000476837158203125	0.0000002384185791015625	0.00000011920928955078125	0.000000059604644775390625	0.0000000298023223876953125	0.00000001490116119384765625	0.000000007450580596923828125	0.0000000037252902984619140625	0.00000000186264514923095703125	0.000000000931322574615478515625	0.0000000004656612873077392578125	0.00000000023283064365386962890625	0.000000000116415321826934814453125	0.0000000000582076609134674071875	0.00000000002910383045673370359375	0.000000000014551915228366851796875	0.0000000000072759576141834258984375	0.00000000000363797880709171294921875	0.000000000001818989403545856474609375	0.0000000000009094947017729282373046875	0.00000000000045474735088646411865234375	0.000000000000227373675443232059326171875	0.0000000000001136868377216160296630859375	0.00000000000005684341886080801483154296875	0.000000000000028421709430404007415771484375	0.0000000000000142108547152020037078857421875	0.00000000000000710542735760100185394287109375	0.000000000000003552713678800500926971435546875	0.0000000000000017763568394002504634857177734375	0.00000000000000088817841970012523174285888671875	0.000000000000000444089209850062615871429443359375	0.0000000000000002220446049250313079357147216796875	0.00000000000000011102230246251565396785736083984375	0.000000000000000055511151231257826983928680419921875	0.0000000000000000277555756156289134919643402099609375	0.00000000000000001387778780781445674598217010498046875	0.000000000000000006938893903907228372991085052490234375	0.0000000000000000034694469519536141864955425262451171875	0.000000000000000001734723475976807093247771263122558984375	0.0000000000000000008673617379884035466238856315612794921875	0.00000000000000000043368086899420177331194281578063974609375	0.000000000000000000216840434497100886655971407890319873046875	0.0000000000000000001084202172485504433279857039451599365234375	0.00000000000000000005421010862427522166399285197257996826171875	0.000000000000000000027105054312137610831996425986289984130859375	0.00000000000000000001355252715606880541599821299314499706546875	0.000000000000000000006776263578034402707999106496572498532734375	0.0000000000000000000033881317890172013539995532482862492663671875	0.000000000000000000001694065894508600676999776624143124633184375	0.0000000000000000000008470329472543003384998883120715623165921875	0.00000000000000000000042351647362715016924994415603578115796109375	0.000000000000000000000211758236813575084624972078017890578980546875	0.0000000000000000000001058791184067875423124860390089452894902734375	0.00000000000000000000005293955920339377115624301950044764474513671875	0.0000000000000000000000264697796016968855781215097502238223725684375	0.0000000000000000000000132348898008484427889057548751119111368421875	0.0000000000000000000000066174449004242213944528774375559556842109375	0.0000000000000000000000033087224502121106972264387187779778421046875	0.0000000000000000000000016543612251060553486132193593889889210234375	0.0000000000000000000000008271806125530276743066096796944944506171875	0.00000000000000000000000041359030627651383715330483984724722530859375	0.000000000000000000000000206795153138256918576652419923623612654296875	0.00000000000000000000000010339757656912845928832620996181180632734375	0.000000000000000000000000051698788284564229644163104980905903163671875	0.0000000
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