



NOTICE OF MEETING

Notice is hereby given that of a meeting of the **Sustainable Transport Committee** meeting will be held:

DATE: Thursday, 8 October 2015

TIME: From 6.30pm to 8.30pm

PLACE: Council's Training Room, Ground Floor, Manly Council, 1 Belgrave Street, Manly

COMMITTEE MEMBERS:

Councillors

Cllr Cathy Griffin	Manly Council (Chair)
Cllr Hugh Burns	Manly Council

Other Members

Mr Peter Hopper	Community Member
Mr Richard Green	Community Member
Mr Jonathan Gunn	Community Member
Ms Melissa Palermo	Community Member
Ms Angela Andrews	Community Member

Council Staff

Mr Ben Hubbard	Manly Council (Traffic Manager)
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All other Councillors are free to attend as observers and are invited to do so and to engage in discussions, but not in voting, on any matter before the Committee.

Gordon Malesevic

Chief Operating Officer - Civic & Urban Services

Date: 02.10.2015



AGENDA

SUSTAINABLE TRANSPORT COMMITTEE

**MEETING TO BE HELD ON THURSDAY 8 OCTOBER 2015 AT 6.30PM
COUNCIL'S TRAINING ROOM, GROUND FLOOR, MANLY COUNCIL CHAMBERS**

- | | |
|----------------|---|
| ITEM 1 | Apologies and Leave of Absence |
| ITEM 2 | Declarations of Interest – Pecuniary
Non-Pecuniary |
| ITEM 3 | Matters arising / Item tracker |
| ITEM 4 | Safety items |
| ITEM 5 | Refuge island at Balgowlah Road near Hill Street, Balgowlah |
| ITEM 6 | Proposed cycle racks at various locations |
| ITEM 7 | Green colour treatment at Commonwealth Parade, Manly |
| ITEM 8 | Proposed pedestrian crossing treatment at Commonwealth Parade,
Manly |
| ITEM 9 | General Businesses |
| ITEM 10 | Date of Next Meeting: 6.30pm Thursday 10 December 2015 |

ITEM 04: Matters arising / Item tracker

Table 1 provides a summary of items requiring follow up actions.

Item	Description	Action	Staff comment
5 February 2015 - Matters arising	1. Potential to install double decker cycle racks next to information centre be investigated and report returned back. 2. The committee asked that a letter be written to Transport NSW suggesting that shop front next to Aldi on the Wharf could be used for cycle parking. 3. Review of cycle signage on Marine Parade 4. That STAC members write to Transport NSW and ask for patronage figures for the next express bus services 5. Budget bids for sustainable transport be provided to the Committee		October 2015 – Memo sent to executive providing options to increase cycle parking alongside the wharf and at the west end of East esplanade.
4. Safety matters	A utility repair on Darley Road has removed cycle lane markings and left the road surface in an unsafe condition.	Traffic team to inform Urban Services team	Urban services team has been informed.
5. Council's bicycle education program	A report be prepared for the cycle education initiatives in FY2015/16.	Road safety officer to prepare a report back to the STC	October 2015 – Road Safety Officer commencing mid-August. A report will be brought to the December STAC meeting about cycle safety and cycle education programmes for the year.
6. Installation of bicycle parking along Sydney Road	Proposed installation of U-rails along Sydney Road. The STC proposed that a cycle rack close to ride in workshop cycle shop be considered.	Project sheet has been approved. Staff to consult with affected stakeholders.	October 2015 – U rails installed August 2015.
9. Development of a strategic directional signage system	A plan to be developed to introduce strategic cycle way finding information on main cycle routes across the LGA.	Staff to bring back report to the STC	October 2015 – report with proposed strategic way finding for cyclists to be tabled at the December 2015 meeting.

Item	Description	Action	Staff comment
10. Dedicated cycle lane on Wentworth Street	Proposed changes to Wentworth Street cycle lane including green line marking, cycle logos and line marking		October- to be scheduled in with line marking maintenance in CBD.
11. Feasibility of BBC to Upper Beach Street cycle route link	Feasibility to implement a cycle route link between the Burnt Bridge Creek cycle lane and Balgowlah Heights was investigated.	Not considered feasible because of width restrictions mainly. Alternative route via Ethel Street be considered to cross Sydney Road.	October- a route signed route via Ethel Street, as suggested by the STAC is being prepared and will be reported to the December STAC.
3rd October 2013 - General Business	Safety Audits various crossings	A prioritisation list of pedestrian crossing audits to be presented to a future STC meeting. The STC suggested that the following pedestrian crossing for the safety audits: • Darley Road/Ashburner Street Zebra Crossing; and • East Esplanade/Victoria Parade pedestrian refuge	October – actions identified have been implemented.
5 December 2013 – Matters Arising	3. It was reported that the cycle rack at Honolulu Grill (North Steyne) has been removed / damaged and should be replaced.		October – rack has been replaced
6 February - Matters arising	3. Bollard lighting Lagoon Park cycle route 4. Lighting for Burnt Bridge Creek cycleway		July 2015 – A project sheet is being prepared to install solar lights along Lagoon Park in the 2015/2016 financial year. If approved, it is proposed that one solar light is installed initially as a trial prior to installing the remaining (approximately 14) lights.

ITEM 05 **Refuge island at Balgowlah Road near Hill Street, Balgowlah (ITEM 05, 08/10/2015)**

SUMMARY

For Council to note the proposal to install a pedestrian refuge at Balgowlah Road east of Hill Street, Balgowlah.

REPORT

Council has received requests from a number of residents that there is not enough formal crossing opportunities across Balgowlah Road in proximity of the Manly Golf Club. The nearest existing crossings are the zebra crossing to the west and pedestrian refuge to the right. These and the distances between them are shown on Figure 1.

Site observations have shown that there are a number of pedestrians frequently crossing Balgowlah Road between the two existing crossing points, suggesting that there is a need for an additional pedestrian crossing between the two. The northern side of Balgowlah Road and the eastern side of Hill Street are also part of the formal bicycle network, but there is currently nowhere for cyclists to formally cross between the two routes. Observations suggest that there is unlikely to be sufficient numbers of pedestrians to warrant a zebra crossing.

To improve accessibility for pedestrians and cyclists wishing to cross Balgowlah Road, it is recommended to install a pedestrian refuge east of Hill Street, as shown in Figure 1. Kerb extensions could be built to minimise the crossing distance and the location of bus stops would need to be considered in the detailed design as both locations are near existing bus stops.

While a refuge does not give pedestrians right of way it would allow crossing to be staged crossing one traffic stream at a time.

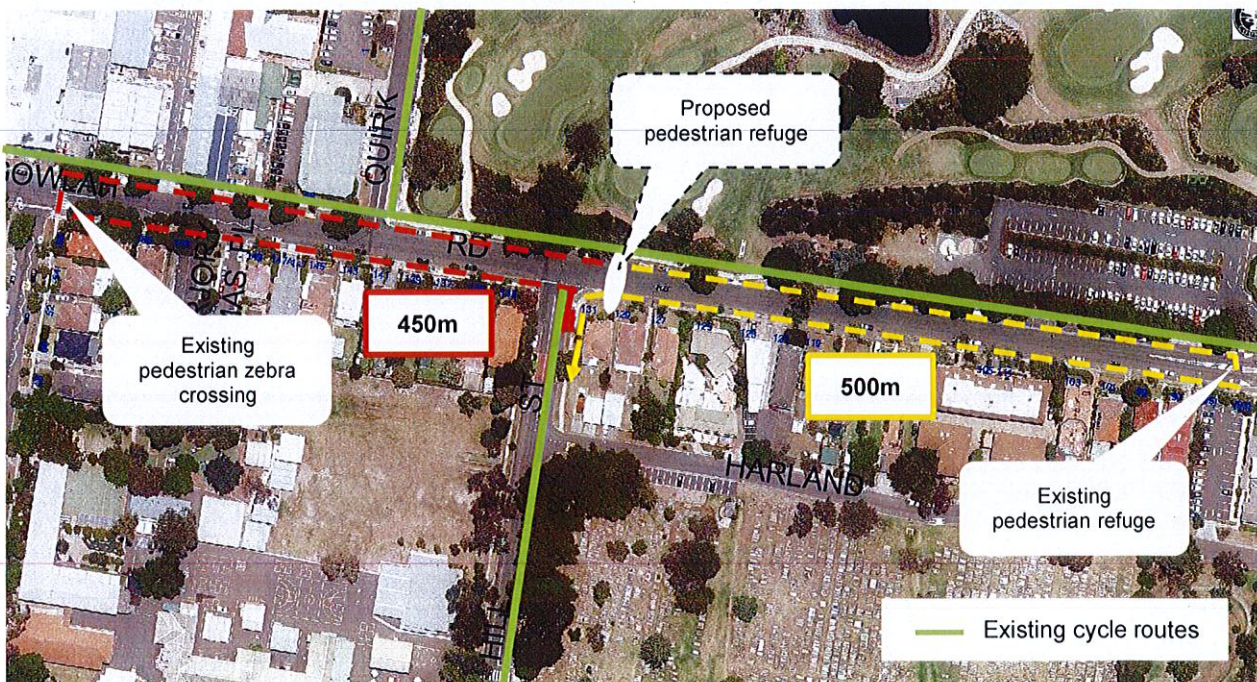


Figure 1: Existing and proposed pedestrian crossing opportunities at Balgowlah Road and distance between them

Should pedestrian volumes meet the RMS warrants, the refuge could potentially be converted to a zebra crossing in the future.

To improve accessibility across Balgowlah Road for both pedestrians and cyclists it is recommended that Council considers installing a pedestrian refuge on Balgowlah Road east of Hill Street. The proposal will need to be recommended to Council by the Manly's Local Traffic Committee.

RECOMMENDATION

That the General Manager considers installing a pedestrian refuge across Balgowlah Road to the east of Hill Street, Balgowlah.

ITEM 06 Proposed cycle rack locations at various locations (ITEM 06, 08/10/2015)

SUMMARY

For Council to note the proposal to install bicycle parking at various locations in the Manly LGA.

REPORT

Recently installed cycle parking

Cycle parking has been installed at a number of locations in and outside the Manly CBD over the last couple of years. Key locations where demand was observed to exceed supply and as a result, additional parking has been installed (or planned to be installed for this financial year), include the key corridors of Pittwater and Sydney Roads and the Manly CBD. Recently installed bike parking include:

- Pittwater Road corridor – approximately 50 spaces;
- South Steyne – approximately 20 spaces;
- Sydney Road in Manly CBD – 30 spaces;
- Manly Wharf – approximately an additional 50 spaces;
- At Market Lane outside the Library – approximately 20 additional spaces;
- Sydney Road corridor – approximately 25 spaces (planned for this financial year);
- Whistler Street bike cage extension – approximately 25 spaces (planned for this financial year); and
- Raglan Street upgrade – approximately 50 spaces (planned for this financial year).

Planned installations for FY 2015/16

In addition to key areas such as the CBD and key corridors, bicycle parking should be considered at locations that would further encourage cycle usage, for example within recreational areas such as parks, beaches and sporting facilities and at commuter interchanges. A number of locations for bicycle racks for the FY 2015/16 are proposed as a priority (based on requests from residents or the STAC), as shown on Attachment 1:

- Lagoon Park, east of Pittwater Road – addition of 4 U-rails;
- Keirle Park, west of Pittwater Road – addition of 5 U-rails;
- Wentworth Street, Manly – addition of two bike racks for a total of 16 bikes;
- North Steyne, Manly, along the frontage of the beach – addition of two (2) rails; and
- Whistler Street, Manly – addition of two (2) U-rails.

The Sustainable Transport Committee members are invited to comment on the proposed locations.

RECOMMENDATION

That Council notes the proposal to install additional bicycle parking at a number of locations in the Manly LGA.

ITEM 07 Threshold at Manly Sea Life Sanctuary off Commonwealth Parade, Manly (ITEM 07, 08/10/2015)

SUMMARY

For Council to consider installing a threshold for pedestrians and cyclists off Commonwealth Parade at the Manly Sea Life Sanctuary access road, Manly.

REPORT

The Sustainable Transport Committee has previously requested improvements to safety for pedestrians and cyclists crossing the access road to the Manly Sea Life Sanctuary off Commonwealth Parade in Manly. Concerns raised include that drivers accessing the parking spaces off Commonwealth Parade are not alerted enough that pedestrians and cyclists using the shared path along Commonwealth Parade.

With the exception of one warning sign showing pedestrians, there is currently no information alerting drivers that a number of pedestrians and cyclists are frequently crossing the access road.

Coloured pavements surface treatments and improved signage can be used to improve the visibility of cyclists and pedestrians on the road and draw attention drivers that these users are present.

To improve safety for pedestrians and cyclists and make drivers aware of their presence, it is proposed to install a red coloured pavement marking threshold across the intersection (as seen in Figure 1) in combination with improved signage and 'Look' stencilling (as seen in Figure 2). This type of threshold treatment is suitable where traffic volumes on the side road is typically low (NSW Bicycle Guidelines, July 2005), as is the case for the access road (used only to access the parking spaces off Commonwealth Parade).

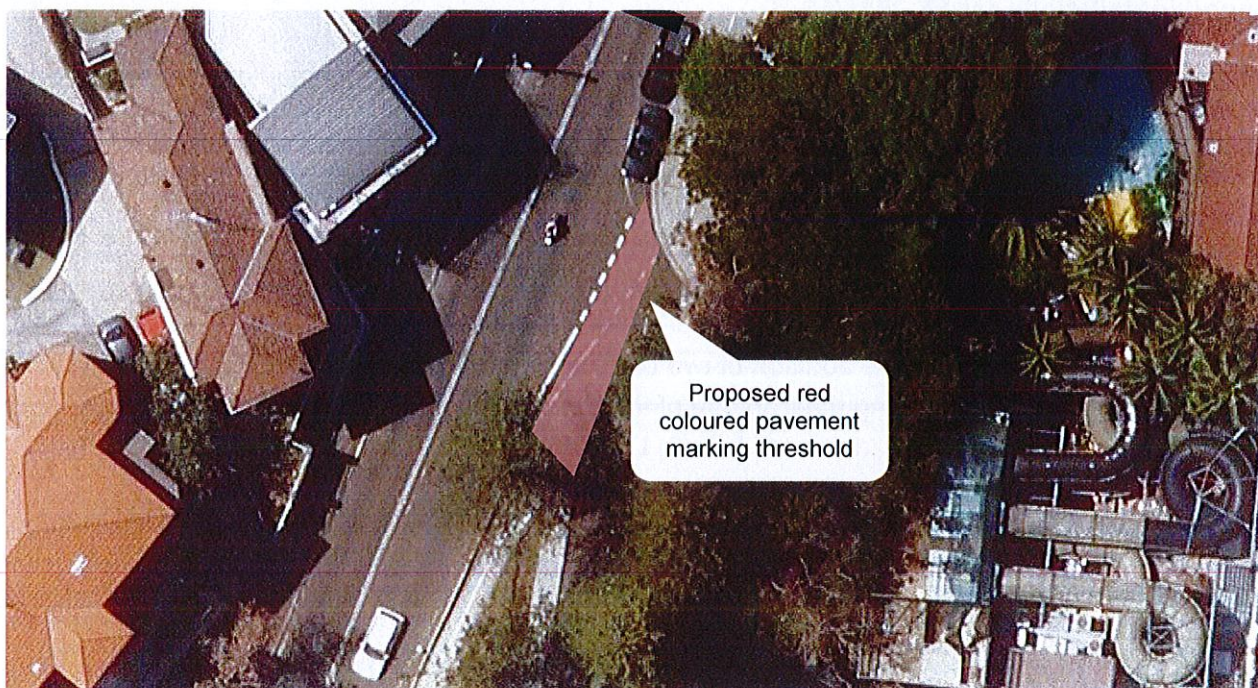


Figure 1: Proposed concept plan of threshold treatment at the Manly Sea Life Sanctuary access road of Commonwealth Parade

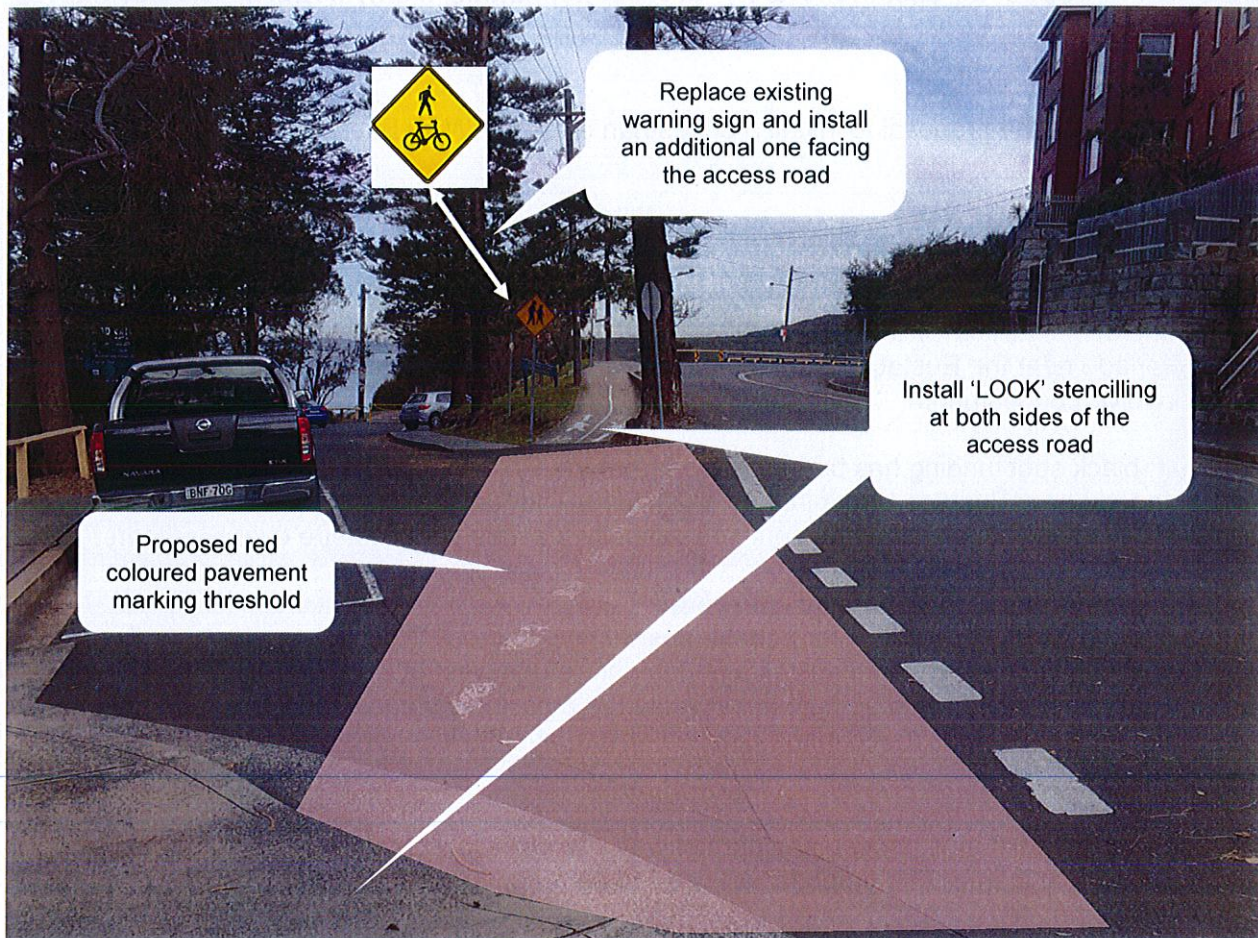


Figure 2: Proposed installation of pedestrian/cyclist warning signs and 'Look' stencilling at the Manly Sea Life Sanctuary access road of Commonwealth Parade

The STAC members are invited to comment on the proposal.

RECOMMENDATION

That Council considers installing a threshold for pedestrians and cyclists off Commonwealth Parade at the Manly Sea Life Sanctuary access road, Manly.

ITEM 8 Proposed Pedestrian Refuge at West Esplanade, Manly (ITEM 8, 08/10/2015)

SUMMARY

For Council to note the proposal to install a pedestrian refuge at West Esplanade, west of Eustace Street, Manly.

REPORT

Analysis of crash statistics

Analysis of crash statistics data between 2008 and 2012 showed that there is a cluster of crashes at West Esplanade near the Eustace Street intersection. Three of these crashes (two in 2008 and one in 2012) involved pedestrians.

As a result, black spot funding has been received from the RMS to install a pedestrian refuge on West Esplanade near Eustace Street in the FY 2015/16. The RMS funding criteria for blackspot locations include two casualty crashes and 0.13 casualty crashes per kilometre over five years.

Proposed implementation of pedestrian refuge

To improve accessibility and safety for pedestrians wishing to cross West Esplanade near Eustace Street, Manly, it is recommended to install a pedestrian refuge west of Eustace Street, as shown in Figure 1. Kerb extensions could be built to minimise the crossing distance and the location of bus stops would need to be considered in the detailed design as both locations are near existing bus stops.

While a refuge does not give pedestrians right of way it would allow crossing to be staged crossing one traffic stream at a time. The proposal will need to be recommended to Council by the Manly's Local Traffic Committee.



Figure 1: Proposed installation of a pedestrian refuge on West Esplanade west of Eustace Street, Manly

RECOMMENDATION

That Council notes the proposal to install a pedestrian refuge across West Esplanade, west of Eustace Street, Manly.

Attachment 1 – Proposed installation of bicycle parking spaces at various locations in the Manly LGA

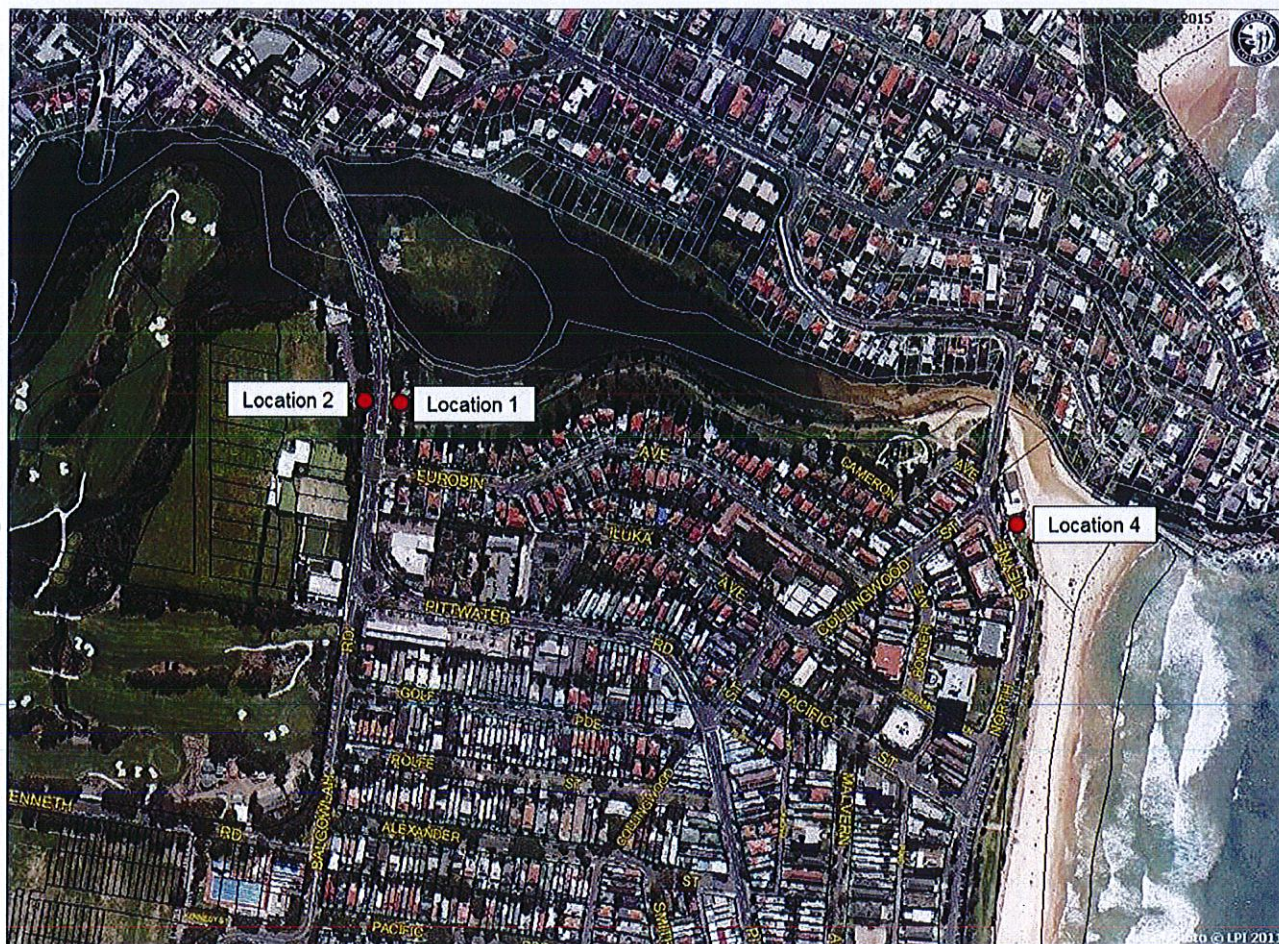
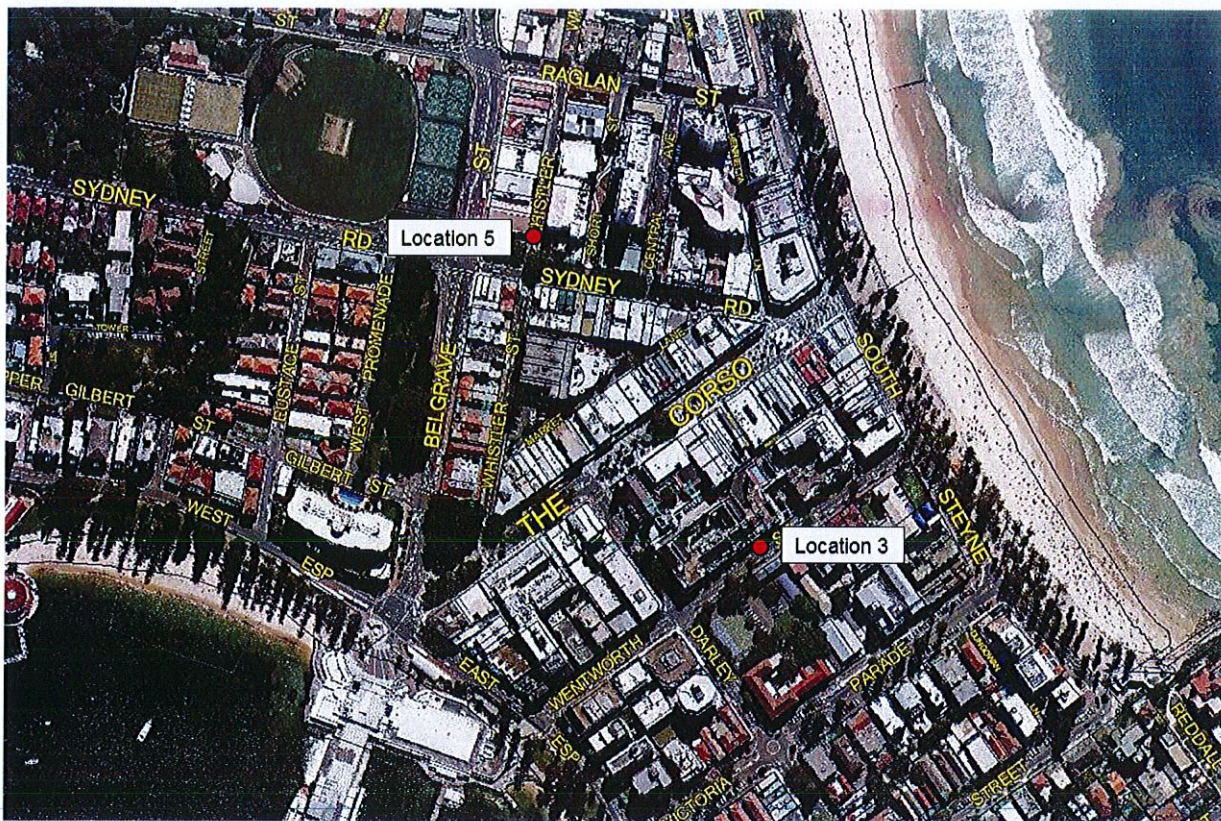


Figure 1: Proposed locations for bicycle parking



Figures 2: Proposed locations for bicycle parking

Location 1: Lagoon Park, Manly

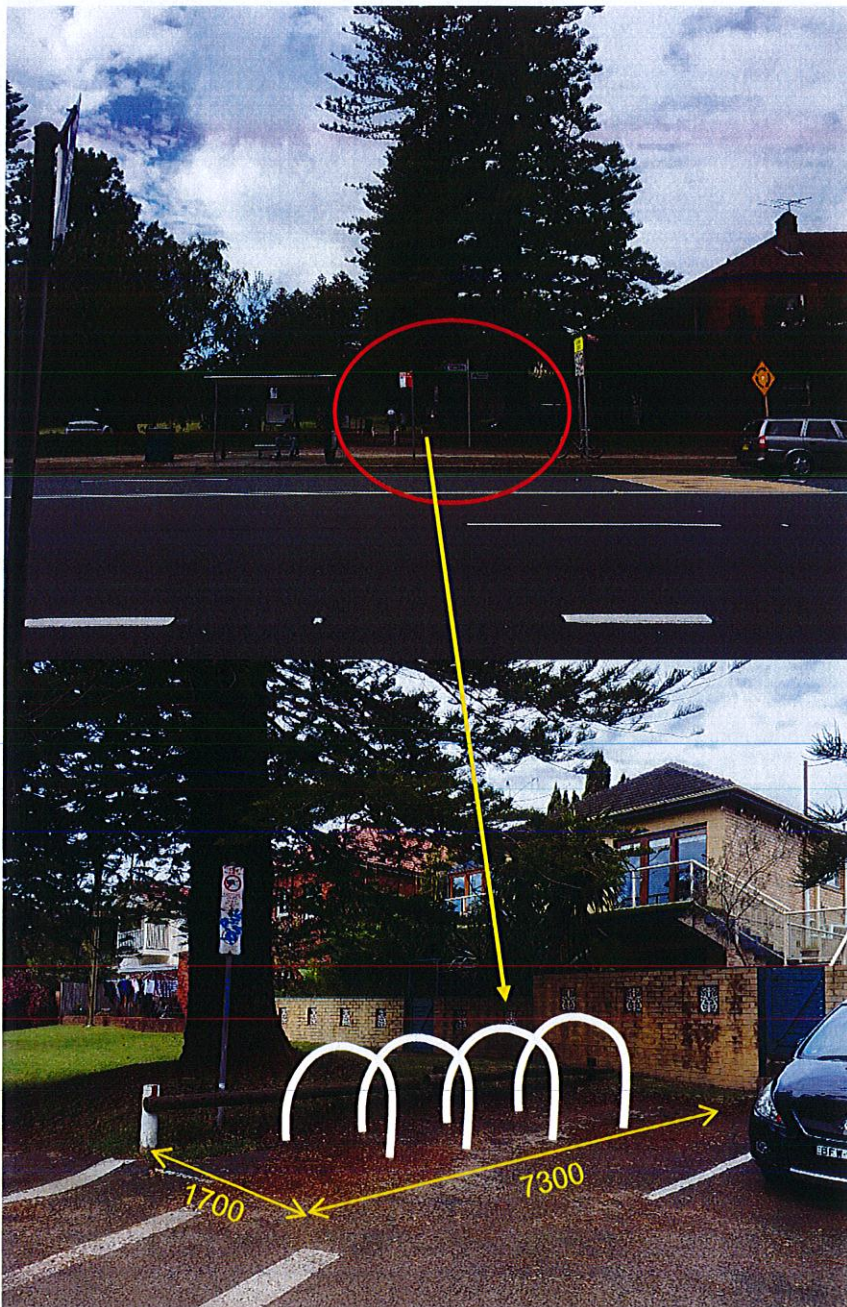


Figure 1: Lagoon Park, Manly – Installation of four (4) bicycle U-rails

Location 2: Keirle Park, Manly

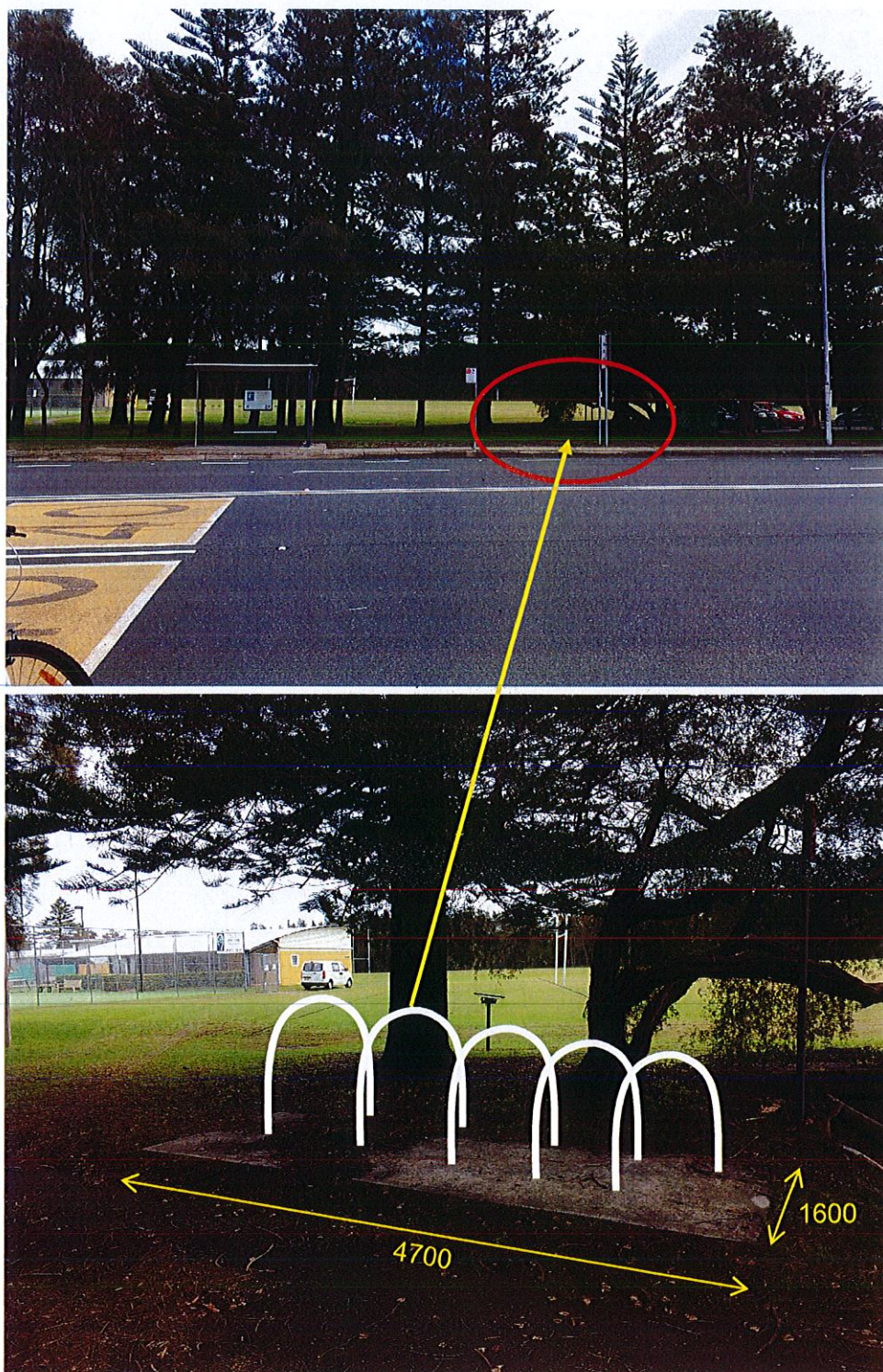


Figure 1: Keirle Park, Manly – Installation of five (5) bicycle U-rails

Location 3: Wentworth Street, Manly



Figure 1: Wentworth Street, Manly – Frontage of Coles Supermarket – Addition of one bicycle rack for eight bikes

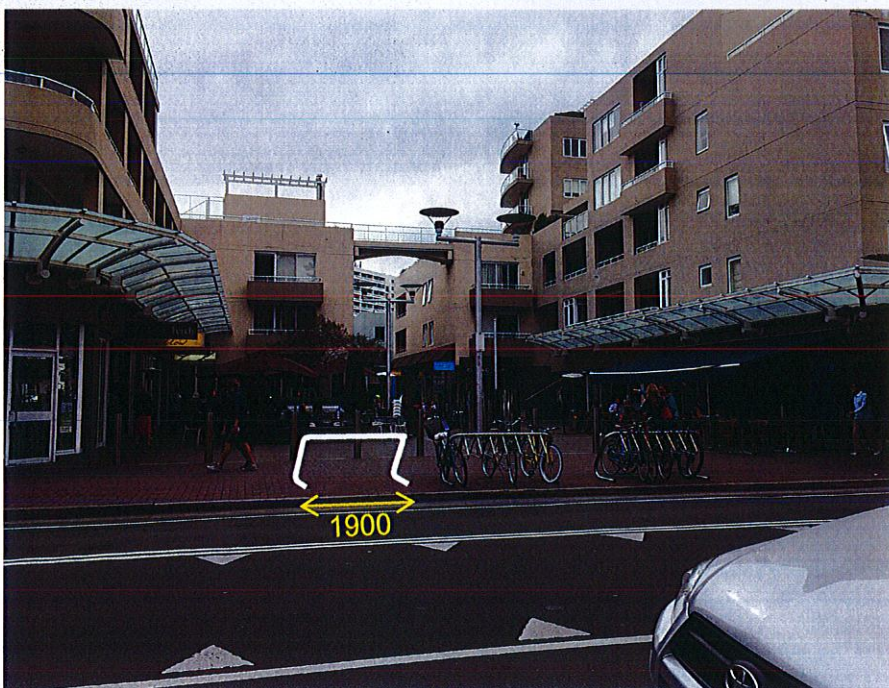


Figure 2: Wentworth Street, Manly – Addition of one bicycle rack for eight bikes

Location 4: North Steyne, Manly

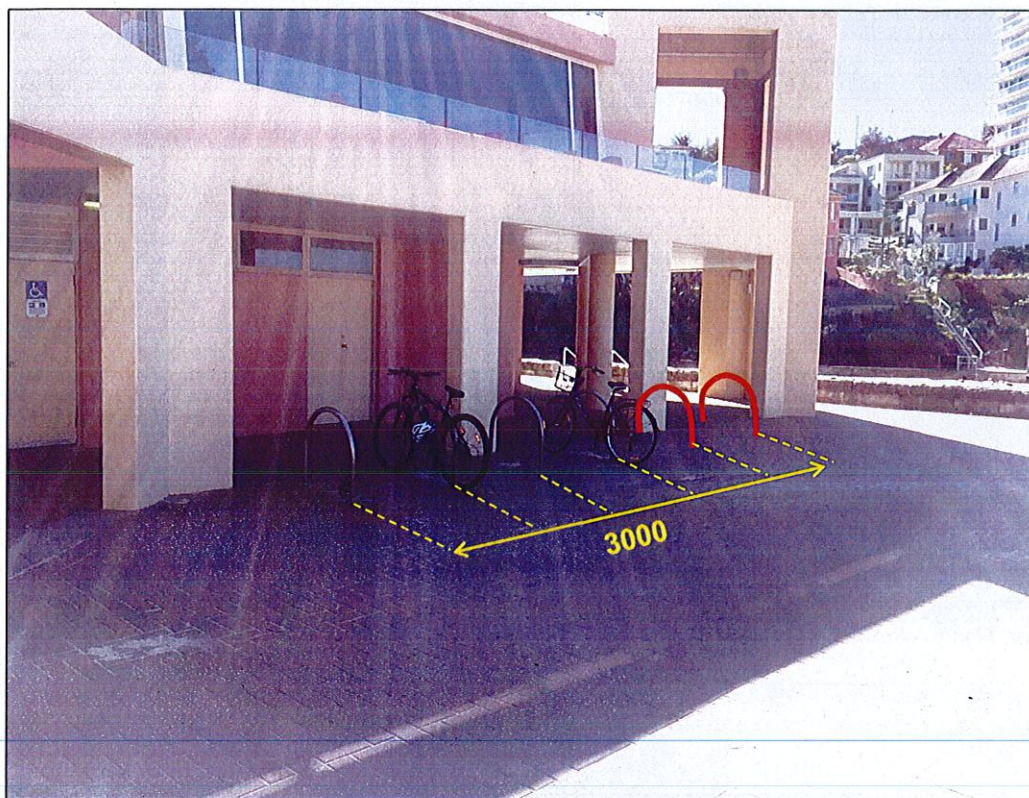


Figure 1: Queenscliff Surf Life Saving Club, North Steyne, Manly – Proposed addition of two (2) U-rails

Location 5: Whistler Street, Manly



Figure 1: Option 1 at Whistler Street - Proposed addition of 1 U-rail



Figure 2: Option 2 at Whistler Street - Proposed addition of 2 U-rails