



NOTICE OF MEETING

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

DATE: THURSDAY, 11th December 2014

TIME: From 6.30pm to 8.30pm

PLACE: Councillors' Room Town Hall, Manly Council

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

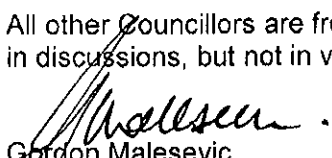
Community Member

Council Staff

Mr Ben Hubbard

Manly Council (Traffic Manager)

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: 2.12.14.



AGENDA

SUSTAINABLE TRANSPORT COMMITTEE

**MEETING TO BE HELD ON THURSDAY 11th DECEMBER 2014 AT 6.30PM
COUNCILLORS' ROOM**

- | | |
|----------------|---|
| 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 | Council's bicycle education programs |
| ITEM 6 | Installation of bicycle parking along Sydney Road |
| ITEM 7 | Proposed shared path link between Campbell Parade and Addiscombe Road |
| ITEM 8 | Extension of the Cycle Central bicycle cage at Whistler Street car park |
| ITEM 9 | Development of a strategic cycling directional signage system |
| ITEM 10 | Dedicated cycle lane on Wentworth Street, Manly |
| ITEM 11 | Feasibility of Burnt Bridge Creek to Upper Beach Street cycle route link |
| ITEM 12 | Proposed Sustainable Transport Committee meeting dates for 2015 |
| ITEM 13 | General Businesses |
| ITEM 14 | Date for Next Meeting: Proposed date 5 February 2015 |

ITEM 04: Matters arising / Item tracker

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

Item	Description	Action	Staff comment
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	December 2014 – Line marking actions from audits to be completed by December 2014. October 2014 – Actions from audits are due to be completed by 31 October 2014.
5 December 2013 – Matters Arising	1. Need for additional cycle racks close to Benbray Burgers on Sydney Road. 3. It was reported that the cycle rack at Honolulu Grill (North Steyne) has been removed / damaged and should be replaced. 5. It was requested that a report on the operation of the Cycle Central cycle parking station is returned to a future STC meeting.		December 2014 – Rack has been ordered and will be installed on Sydney Road outside Belle Property by end of November 2014. October 2014 – Council has consulted affected businesses on Sydney Road regarding the introducing of cycle racks. Racks are planned to be implemented by 31 October 2014.

Item	Description	Action	Staff comment
Item 05	Residential Transport Hubs RECOMMENDATION That the General Manager approves: • Implement a trial Residential Transport Hub by installing two cycle hoops, a Hop Skip Jump stop sign and an active and sustainable travel information board in Addison Road. • Monitor the trial and undertake a user survey to assess the Residential Transport Hub concept.		December 2014 – on hold October 2014 – on hold
Item 07	Bicycle Public Repair Station and Public Cycle Pump RECOMMENDATION That the General Manager considers installing a bicycle repair station in Lagoon Park and an air pump at the wharf.		December 2014 – on hold October 2014 – on hold
6 February - Matters arising	3. Bollard lighting Lagoon Park cycle route 4. Lighting for Burnt Bridge Creek cycleway		December 2014 – As October 2014. October 2014 – lighting Lagoon Park and Burn Bridge Creek is being considered by the Urban Services team. This item will be reported to an Ordinary Meeting of Council.

Item	Description	Action	Staff comment
Item 07	Request for Additional Bike Racks – Sydney Road RECOMMENDATION That the General Manager approves installation of additional cycle racks near the library and the upgrade of the hoop stands close to Benbray Burgers shop to a higher density cycle rack.		December 2014 – Rack has been ordered and will be installed on Sydney Road outside Belle Property by end of November 2014. October 2014 – 1. Project approved. Consultation with affected businesses currently being undertaken. Installation planned to be completed by 31 October 2014.
General business items	1. A report to be brought back to the STC regarding Bike Education 2. Request that the PAMP update prepared for inclusion with the recent CAPX documentation for the proposed car park under the oval be provided to the STC. 3. An update of progress on the Kangaroo Lane shared zone scheme be returned to the STC.		December 2014 – 1. Refer to item 6 of this agenda. October 2014 – Council now has a Road Safety Officer who will prepare a cycle education plan which will be reported to the December STAC meeting. Revised project proposals to stop vehicle access through kangaroo Lane, accept for cycles has been put to the executive for approval. This will be consulted with affected residents and the precinct forum. Removing all through traffic should make a far more comfortable environment for cyclists and pedestrians.

Item	Description	Action	Staff comment
Items from the inquorate STAC meeting 7 August 2014.	The STC meeting 7 August 2014 did not have a quorum and so the items below will be returned to a future agenda. 1. Feasibility of Burnt Bridge Creek to Upper Beach Street cycle route link 2. Manly Road Pedestrian Access and Mobility Assessment 3. Car Share Scheme Update 4. Manly to Seaforth via Burnt Bridge Creek Deviation cycle route	The following was discussed at the not quorate meeting 7 August 2014: 1. Discussion of this report was deferred until a later meeting. 2. The committee discussed the need for a connected cycle / pedestrian route to link the Burnt Bridge Creek shared path to the Spit Bridge. It was suggested that the development of the proposed bus rapid transit network for the northern beaches may provide an opportunity to upgrade some cycle / pedestrian infrastructure. It was also suggested that cycle park and ride facilities could be provided on Burnt Bridge Creek deviation and at the Seaforth oval. 3. The committee acknowledged the car share scheme progress update. 4. The maintenance audits undertaken on the cycle route between the Ocean Beach front and the spit bridge were discussed.	December 2014 – 1. Refer to item 12 of this agenda. 2. Refer to item 5 of the agenda. 3. No further progress since August 2014 STAC meeting. 4. Asphalt works are scheduled to finish by end of December 2014 for the off road path along Burnt Bridge Creek Deviation. The Kenneth Road shared path repairs will follow after that. Signage improvements have been commissioned and line marking improvements are underway. October 2014- 1. Item to be taken back to a future meeting. 2. The traffic team are preparing a strategic cycle plan that will form the basis of a cycle route improvement action plan for the next 5 years. This plan will be brought to the December STAC for discussion. 3. No further progress since August 2014 STAC meeting. 4. Further audits are currently being undertaken of the rest of the cycle network and the actions from the audits will be prioritised and implemented.

ITEM 05***Council's bicycle education programs (ITEM 05, 11/12/2014)*****SUMMARY**

For Council to note the information on the bike education programs undertaken/planned for the Manly LGA for 2014/2015.

REPORT

It has been requested by the Sustainable Transport Committee that a report be prepared that outlines the program undertaken or planned for bike education in Manly for 2014/2015.

Bike Week

In September of 2014 Manly Council participated in Bike Week which included a Retro Ride and a 'Wheels to the Wharf' event.

The Retro Ride encouraged all riders, including families, to participate in a fun ride from the Manly Art Gallery to the Manly Lagoon Park, with the aim to promote sustainability.

The 'Wheels to the Wharf' activity involved a free breakfast along with promoting the use of helmet wearing, shared pathway etiquette, and sustainability. Literature handed out included 'Move Mindfully in Manly' postcards, the Manly Bike Map and Amy Gillette Foundation brochures.

Bicycle helmet audits and promotion of helmet wearing

During the 'Wheel to the Wharf' event, lack of helmets being worn was observed. Results from a helmet audit undertaken in 2012 also showed that there was only a 40% compliance rate for helmets.

In November 2014, three bike helmet audits were undertaken, being at the Wharf, outside of Manly Village Public School and at the beachfront next to the shared pathway. These audits showed that at these locations, between 41% and 42% were wearing a helmet. In total, 180 cyclists were counted.

The importance of wearing a helmet, and shared pathway etiquette will be promoted by:

- emailing primary schools information from the 'Move Mindfully in Manly' campaign and request that the information be included in their newsletters on a regular basis;
- offering bike shops, bike repair shops and bike rental companies 'Move Mindfully in Manly' postcards, Amy Gillette Foundation brochures and Manly Bike Maps for distribution to customers and potential customers.
- setting up a promotional stall at the Manly Wharf or the Manly beach front shared pathway to educate the community about the importance of wearing a helmet and shared path etiquette.

RECOMMENDATION

That Council notes the information on the bike education programs undertaken/planned for the Manly LGA for 2014/2015.

ITEM 06 *Installation of bicycle parking along Sydney Road at Fairlight, Balgowlah and Seaforth (ITEM 06, 11/12/2014)*

SUMMARY

For Council to note the proposal to install additional bicycle parking along Sydney Road and the invitation to the STC to comment on the proposal.

REPORT

As part of the planned bicycle parking installations for the FY 2014/15 it is proposed to install additional parking along Sydney Road, in particular at the town centres of Fairlight, Balgowlah and Seaforth.

Site observations have shown that a number of bicycles are randomly locked to street furniture and that there are not enough bicycle parking spaces along Sydney Road. It is proposed to increase the number of bicycle parking spaces by installing stainless steel loop racks outside businesses such as cafes, restaurants, shops and gyms.

It is proposed to install two U-rails at six different locations in Fairlight, Balgowlah and Seaforth as shown in Figures 1-8. Business owners in proximity of the proposed locations will be consulted prior to installation, so the project is subject to the outcome of the consultation.

U-rails were recently installed parallel to the kerb along Pittwater Road. The installation of these parking spaces has in general been well received by the Community.

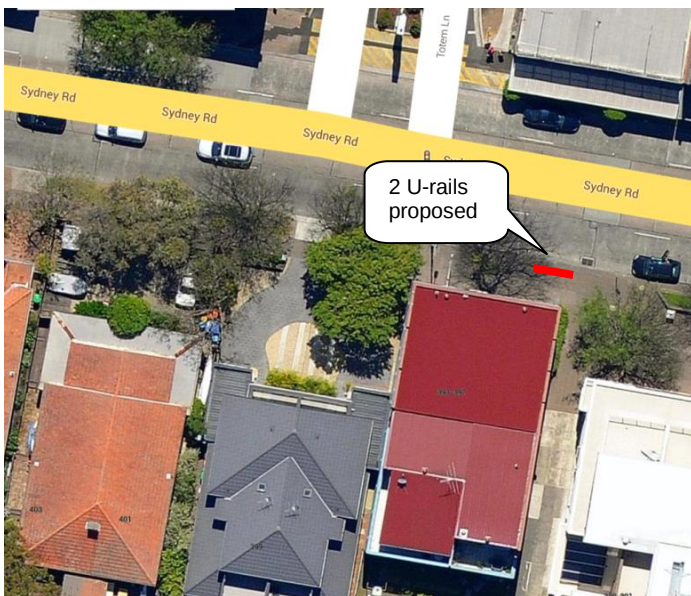
The Sustainable Transport Committee is invited to comment on the proposed locations.

RECOMMENDATION

That Council notes the proposed bicycle parking installations along Sydney Road and the invitation to the STC to comment on the proposal.



Figures 1 and 2: Proposed location for installation of 2 U-rails – At Sydney Road east of William Street, Fairlight



Figures 3 and 4: Proposed location for installation of 2 U-rails – At Sydney Road east of Woodland Street, Balgowlah



Figures 5 and 6: Proposed location for installation of 2 U-rails – At Sydney Road west of Wanganella Street, Balgowlah



Figures 7 to 10: Proposed location for installation of 2 U-rails at Sydney Road, Seaforth

**ITEM 07 Proposed shared path link between Campbell Parade and Addiscombe Road
(ITEM 07, 11/12/2014)**

SUMMARY

For Council to note a request from Warringah Council for Manly Council to provide a shared path between Campbell Parade and Addiscombe Road, using the existing informal track that links these roads.

REPORT

A request has been received from Warringah Council to construct a shared cycle / pedestrian path to connect Campbell Parade to Addiscombe Road (as illustrated in Figure 1). This shared path would use the informal track that connects these two roads.



Figure 1: Proposed shared path link between Campbell Parade and Addiscombe Road

Warringah Council intends to construct a bicycle route along Campbell Parade in the 2014/2015 financial year. A connection between Campbell Parade and Addiscombe Road would provide pedestrians and cyclists with a convenient route from Warringah to Manly.

To formalise the existing track that connects these two roads, the installation of a shared path approximately 290m long and 2m wide would be required. The connection would be a useful

addition to the cycle network as it provides a relatively flat and continuous cycle route connecting Balgowlah with Warringah Mall and beyond.

Part of the site is contaminated land, so the introduction of a shared path would however most likely require some additional investigations / costs to remediate the contaminated land on the route.

It is recommended that further investigations be undertaken to determine the feasibility of implementing the shared path link between Campbell Parade and Addiscombe Road in Balgowlah.

RECOMMENDATION

That Council:

- notes the information on the potential shared path link between Campbell Parade and Addiscombe Road, Balgowlah; and
- further investigates the feasibility of implementing the shared path link.

ITEM 08 *Extension of the Cycle Central bicycle cage at Whistler Street car park (ITEM 08, 11/12/2014)*

SUMMARY

For Council to consider extending the existing bicycle parking station in the Whistler Street car park.

REPORT

The Sustainable Transport Committee has requested that the possibility of increasing the number of parking spaces at the existing Cycle Central at Whistler Street car park be investigated.

The Whistler Street bicycle parking station provides cyclists with a convenient and secure facility to park their bicycles. The facility is intended for use all day by commuters and regular visitors to Manly.

Current use of the Cycle Central parking station

The Cycle Central parking station has 72 bicycle parking spaces. Observations of the current use suggest that approximately 60 spaces are regularly used (approximately 85% of spaces) which suggests that the parking facility operates near capacity.

Extension of the cycle parking facilities

An extension of the existing bicycle cage could be constructed next to the existing bicycle parking station. This would require removal of 1 or 2 disable car parking space/s. One space is approximately 4.5m x 5.2m which would provide high density cycle parking for approximately an additional 24 bikes. The removal of 2 disable parking spaces would provide parking for approximately 50 bikes.

It is recommended that one or two disable parking spaces in the Whistler Street car park be replaced with bicycle parking for approximately 24 or 50 bikes respectively, subject to available funding.

A project sheet for this proposal is currently being prepared.

RECOMMENDATION

For the General Manager to consider increasing the number of parking spaces at the existing Cycle Central by replacing one or two disable parking spaces.

ITEM 9 Development of a strategic cycling directional signage system (ITEM 9, 11/12/2014)

SUMMARY

For Council to consider developing a consistent cycling directional signage system across the LGA.

REPORT

The traffic team is currently undertaking user audits of the Manly LGA bicycle network. As a result, some inconsistency in and lack of adequate way finding to significant destinations have been noted. It is proposed that the existing way finding system across the LGA be reviewed and updated to reinforce connectivity between the cycle routes and significant destinations.

Key signage and way finding considerations

The following should be considered when developing a consistent way finding and directional signage system:

- *Identify important destinations which are to be named on the signs.* These include town centres and/or recreational destinations such as Manly CBD, Seaforth, the Spit Bridge, Keirle Park and North Head.
- *Ensure that consistency in naming locations is maintained.* Once a destination has been named it must appear on all subsequent signs until that destination has been reached. If more than one route is possible from a departure point, the most direct route should be the only one indicated on the signs.
- *Distances should be indicated in kilometres on all fingerboard and reassurance signs.*
- *Consider branding the most significant routes.* Branding of a small number of routes between significant destinations could be considered. This could include the Queenscliff Beach to Seaforth and the Manly CBD and Seaforth to the Spit Bridge routes.
- *Install map boards at major entry/destination points.* Network map boards at significant destinations to provide additional wayfinding assistance could indicate multiple route options and wayfinding possibilities.
- *Ensure consistency of signage layout and quality across the networks.* A consistent standard, location and quality of signage will assist riders to identify bicycle routes and minimise the risk of confusion.

A proposed plan for implementing enhanced cycle route way finding will be presented to the December STAC. The plan will include the introduction of map style signs that would show main cycle routes, cycle parking and main destinations; route direction signs based on a route hierarchy and providing times / distance to destination. The key routes and destinations are shown on Figure 1.

RECOMMENDATION

That Council note the proposal to develop a plan to introduce strategic cycle wayfinding information on main cycle routes across the LGA.

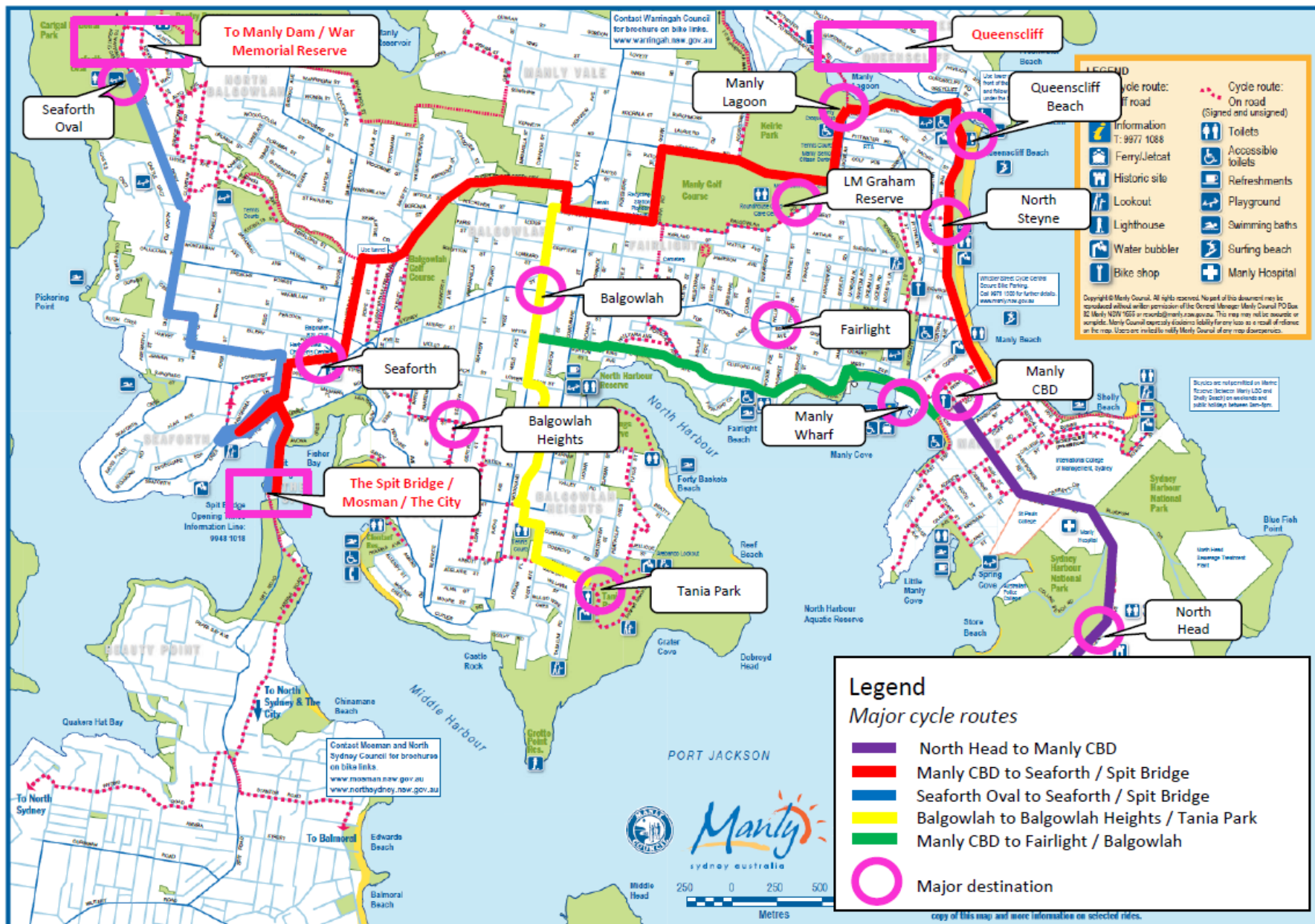


Figure 1 – Major Cycle Routes and Destinations in Manly

ITEM 10 *Dedicated cycle lane on Wentworth Street, Manly (ITEM 10, 11/12/2014)*

SUMMARY

For Council to consider removal of the eastbound cycle lane on Wentworth Street, Manly.

REPORT

The traffic team has been requested to consider widening the existing dedicated cycle lane on the northern side of Wentworth Street, Manly. The existing cycle lane is currently 1.1m which is less than the required minimum width of 1.4m for an on street cycle lane, as described in NSW Bicycle Guidelines, RTA July 2005 (The Guidelines).

The traffic travel lanes in both directions are currently approximately 2.9m, which is the minimum lane width required according to the Road Design Guide (RTA, June 1999). The cycle lane and the parking lane on the southern side of Wentworth Street are also of minimum required width with 1.4m and 2.1m respectively.

Because of the physical constraints regarding width of Wentworth Street, it is not possible to further widen the cycle lane on the northern side. Since the current width of the northern cycle lane is too narrow it is recommended that this lane becomes mixed with traffic in the east west direction. This is considered a safer option than forcing cyclists to stay in a cycle lane which is sub standard.

To further formalise the cycle lane on the southern side it is recommended that the existing logos are repainted and that green line painting be installed to further emphasise that there are cyclists on the road and provide better guidance for cyclists.

The proposed changes to Wentworth Street are summarised in Figure 1 and 2 of Appendix B. It is proposed to:

- install some green cycle line marking and cycle logos on sections of the southern side of Wentworth Street;
- remove some existing bike lane line marking along the northern side of Wentworth Street;
- install and renew some cycle logos on both sides of Wentworth Street; and
- renew zig zag line marking and 'keep clear' line marking on the approach to the intersection with South Steyne.

RECOMMENDATION

It is recommended that the General Manager approves the:

- installation of some green cycle line marking and cycle logos on sections of the southern side of Wentworth Street;
- removal of some existing bike lane line marking along the northern side of Wentworth Street;
- installation and renewal of some cycle logos on both sides of Wentworth Street; and
- renewal of zig zag line marking and 'keep clear' line marking on the approach to the intersection with South Steyne.

ITEM 11 *Feasibility of Burnt Bridge Creek to Upper Beach Street cycle route link (ITEM 11, 11/12/2014)*

SUMMARY

For Council to note the report on the feasibility of implementing a cycle route link between the Burnt Bridge Creek cycle lane and Balgowlah Heights.

REPORT

A request was brought to the traffic team by the Sustainable Transport Committee to:

- prepare a concept design for section of shared path to link the existing cycle route on Dudley Street with the signed route on Plant Street; and
- install cycle parking at the bus stops close to the pedestrian overbridge on either side of Sydney Road.

Existing conditions

The traffic team has undertaken a thorough assessment of the proposed link between Dudley Street and Upper Beach Street.

The footpath width on the northern side of Sydney Road between Dudley Street and the footbridge is between 3.3m and 3.5m. The minimum width of a shared path is 2.5m (although 3m is desired) according to Part 6A - Pedestrian and Cyclist Paths of the Guide to Road Design (Austroads 2009). In addition, 0.5m and 1m respectively is required as a buffer between the shared path and the building line and the shared path and the parking lane according to the NSW Bicycle Guidelines, RTA July 2005 (The Guidelines), as seen in Figure 1. The minimum width required is 4m which is more than the existing footpath width on Sydney Road of 3.4m.

There are also a number of driveways and obstructions along this section of footpath including a bench and bin at the bus stop.

The width of the ramp and the footbridge is 1.3m and 1.8m respectively, which is less than the desired minimum width for two way traffic. The existing railing is approximately 1.1m high which is less than the desired minimum height of 1.4m from riding surface according to Part 14 – Bicycles part of the Guide to Traffic Engineering Practice (Austroads,1999). Cyclists would therefore have to dismount the bike to cross the bridge.

The width of the footpath on the southern side of Sydney Road is approximately 2.7m which is too narrow to accommodate a shared path.

The introduction of a shared path on either side of Sydney Road between Dudley Street and the footbridge is not considered physically possible without removing existing parking or bus stop facilities along this section of road.

Bicycle parking for approximately 8 bikes could however be provided next to the bus stop on the southern side of Sydney Road, as indicated on Figure 2.

Investigation of alternative route

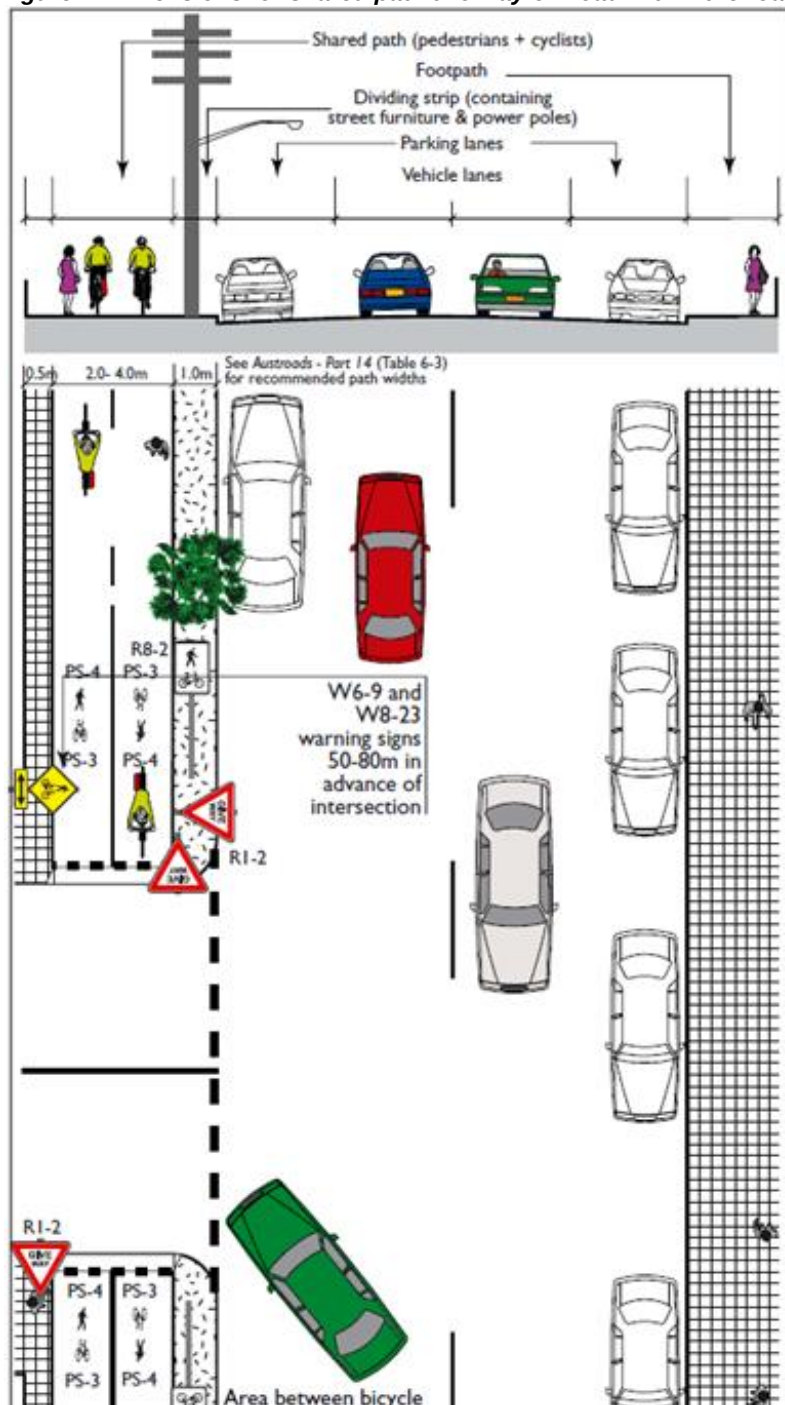
An alternative to the above cycle route has been investigated. This involves connecting the Burnt Bridge Creek cycleway with Balgowlah Heights via Kitchener Street and Wanganella Street. This link would however connect to New Street West rather than Plant Street, Balgowlah Heights and be predominantly on road, mixed with traffic.

Key barriers to providing this link include:

- connecting cyclists exiting Burnt Bridge Creek to Wanganella Street via Kitchener Street;
- crossing Sydney Road which is a state road and the responsibility of the RMS. There are currently no crossings provided on Wanganella Street North or Sydney Road west at the traffic signal controlled intersection of Sydney Road / Wanganella Street; and
- the width of Wanganella Street is too narrow for cyclists to mix with traffic.

Because Wanganella Street is at sections too narrow and the difficulties with crossing Sydney Road, this is not considered suitable to be formalised as a cycling route.

Figure 1: Dimensions for shared path two way off road within the road reserve



Source: NSW Bicycle Guidelines, RTA July 2005

Figure 2: Proposed location for bicycle rack on the southern side of Sydney Road at bus stop



RECOMMENDATION

That the General Manager considers:

- installs a bike rack for approximately 8 bikes next to the bus stop on the southern side of Sydney Road; and
- further investigates options for introducing a cycle link between the Burnt Bridge Creek cycle lane and Balgowlah Heights.

ITEM 12 Proposed Sustainable Transport Committee dates for 2015 (ITEM 12, 11/12/2014)

SUMMARY

For Council to approve the proposed 2015 meeting dates for the Sustainable Transport Committee.

REPORT

Below are proposed meeting dates for the Sustainable Transport Advisory Committee for 2015.

The meetings have been scheduled bi-monthly for the 1st Thursday of the month, meeting to commence at 6.30pm, Manly Town Hall, 1 Belgrave Street, Manly and will run for a maximum of 2 hours, as per the current meeting schedule.

Jan 2015	Feb 2015	Mar 2015	April 2015	May 2015	June 2015	July 2015	Aug 2015	Sept 2015	Oct 2015	Nov 2015	Dec 2015
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RECOMMENDATION

That Council approves the proposed 2015 meeting dates for the Sustainable Transport Committee.