



AGENDA

TRANSPORT AND TRAVEL STRATEGIC REFERENCE GROUP

Notice is hereby given that a meeting of the Transport and Travel Strategic Reference Group will be held in the Council Chambers, Manly Town Hall on

THURSDAY 22 AUGUST 2019

Beginning at 6:00pm for the purpose of considering matters included in this agenda.

Committee Members

Cr Sarah Grattan (Chair)
Mayor Michael Regan
Cr Rory Amon
Cr Kylie Ferguson
Graeme Laughton
Emma Tonkin
Andrew Chivers
Wendy Dunnet
Keith Povah
Richard Saunders
John Hawkins
Victor Konijn
Craig Smith
Mary Whalan

Newport Residents Association
Manly Warringah Cycling Club
Bicycle NSW
RMS

Council Officer Contacts

Craig Sawyer
Annie Laing

Executive Manager Transport & Civil Infrastructure
Governance Officer

Quorum

A majority of members including the Chair or one of the elected Councillors.

**Agenda for Transport and Travel
Strategic Reference Group Meeting
to be held on Thursday 22 August 2019
in the Council Chambers, Manly Town Hall
Commencing at 6:00pm**

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NEXT MEETING Thursday 17 October 2019

1.0 APOLOGIES

All members are expected to attend the meetings or otherwise tender their apologies to the Chair and Governance at councilmeetings@northernbeaches.nsw.gov.au.

2.0 DECLARATION OF PECUNIARY AND CONFLICTS OF INTEREST

Members are advised of the following definitions of a "pecuniary" or "conflict" of interest for their assistance:

Section 4 of the Model Code of Conduct for Local Councils in NSW 2018 states that a pecuniary interest is as follows:

"A pecuniary interest is an interest that you have in a matter because of a reasonable likelihood or expectation of appreciable financial gain or loss to you or a person referred to in clause 4.3.

You will not have a pecuniary interest in a matter if the interest is so remote or insignificant that it could not reasonably be regarded as likely to influence any decision you might make in relation to the matter, or if the interest is of a kind specified in clause 4.6.

For the purposes of this Part, you will have a pecuniary interest in a matter if the pecuniary interest is: a) your interest, or b) the interest of your spouse or de facto partner, your relative, or your partner or employer, or c) a company or other body of which you, or your nominee, partner or employer, is a shareholder or member."

Council's Code of Conduct states that a "conflict of interest" exists when you could be influenced, or a reasonable person would perceive that you could be influenced by a personal interest when carrying out your public duty.

3.0 CONFIRMATION OF MINUTES OF PREVIOUS MEETING

3.1 MINUTES OF TRANSPORT AND TRAVEL STRATEGIC REFERENCE GROUP MEETING HELD 23 MAY 2019

RECOMMENDATION

That the Minutes of the Transport and Travel Strategic Reference Group meeting held 23 May 2019, copies of which were previously circulated to all Members, be confirmed as a true and correct record of the proceedings of that meeting.

4.0 UPDATE ON ACTIONS FROM LAST MEETING

ITEM 4.1 UPDATE ON ACTIONS FROM LAST MEETING

REPORTING OFFICER GOVERNANCE OFFICER

TRIM FILE REF 2019/459973

ATTACHMENTS NIL

Meeting Date	Item No.	Responsible Person	Action	Due Date	Status / Comment
21-Feb-19	4.1	P Devon	Transport Network Team to start the Community engagement in April on better management of parking issues and provide the group with engagement results.	17/11/2019	Ongoing
21-Feb-19	4.2	P Devon	Review the proposed cycling network mapping. Review the content of the Bike Plan document. Assist in further development of the plan once the initial consultation period closes. Transport and Travel Strategic Reference Group to receive an update on the final draft Bike Plan.	22/08/2019	Completed
23-May-19	5.1	R Dixon	That the Transport and Travel Strategic Reference Group encourages Council to organise a Road Safety Summit targeting schools within the area as a form of educating, networking, sharing safety initiatives to improve safety in the area.	TBA	Ongoing

5.0 AGENDA ITEMS

ITEM 5.1	NORTHERN BEACHES BIKE PLAN UPDATE
REPORTING OFFICER	ACTIVE TRAVEL OFFICER
TRIM FILE REF	2019/456432
ATTACHMENTS	1 ↓ Bike Plan Presentation

EXECUTIVE SUMMARY

PURPOSE

This report will provide an update to the Transport and Travel Strategic Reference Group (SRG) on the development of the Northern Beaches Bike Plan (the Plan) following community engagement in February and March 2019.

SUMMARY

The Transport Network Team will deliver the Plan as a two staged approach due to need for community participation and commitment to ensure that a Plan is developed which will be supported by the community and deliverable.

The Plan will further expand and integrate with the current and future transport network across the Northern Beaches and will connect people to place.

RECOMMENDATION OF ACTIVE TRAVEL OFFICER

That the Transport and Travel Strategic Reference Group:

- A. Support the update presented on the Plan.
 - B. Participate in the community engagement following Council endorsement of the Plan.
-

REPORT

BACKGROUND

The Northern Beaches Bike Plan sets out the directions and actions required to help the community choose cycling as a transport option and create a safer cycling environment.

As the community grows there needs to be greater diversity in how people can move around the Northern Beaches. The Northern Beaches has an active community that embraces sport, recreation and the outdoor lifestyle. Cycling is a popular recreational activity and a popular transport choice where appropriate infrastructure exists.

Move - Northern Beaches Transport Strategy 2038 provides the objectives for Northern Beaches Council to be committed to increasing cycling for transport and making cycling an attractive alternative to the car.

To cater for different types of cycling the Bike Plan proposes two separate cycling networks for the Northern Beaches:

1. **Safe Cycling Network:** This network would provide a safe and connected cycling environment that is largely separated from motor vehicle traffic. This network would encourage cycling for transport with a focus on short trips.
2. **Road Cycling Network:** Council acknowledges the popularity of road cycling and people commuting long distances by bicycle. The road cycling network identifies the major routes that these riders generally use and provides actions to make these areas safer for all road users.

Through the provision of the cycling networks, end-of-trip facilities and promotion of safer cycling, the community can be confident that Council supports cycling and endeavors to make improvements to create a better connected and safer environment for all path and road users.

The Bike Plan sets our four key Direction to achieve a cycling community:

Direction 1: Expand, improve and maintain the Safe Cycling Network

Direction 2: Improve and maintain the Road Cycling Network

Direction 3: Provide and maintain end-of-trip facilities

Direction 4: Promote and encourage cycling

CONSULTATION

There is a high level of community interest in the development of the Northern Beaches Bike Plan as a result of community engagement that was carried out in Phase One.

To seek further community participation in the development of the Northern Beaches Bike Plan, a detailed and strategic engagement approach incorporating a number of engagement methods and techniques will be undertaken to ensure Council reaches all stakeholders.

TIMING

It is expected that the draft Plan be placed on the agenda of the Council Meeting to be held in September 2019 for endorsement. The community engagement plan will be implemented following this.

14/08/2019



Bike Plan Directions

- 1. Expand, improve and maintain the Safe Cycling Network**
- 2. Improve and maintain the Road Cycling Network**
- 3. Provide and maintain end-of-trip facilities**
- 4. Promote and encourage cycling**

14/08/2019

1. Safe Cycling Network



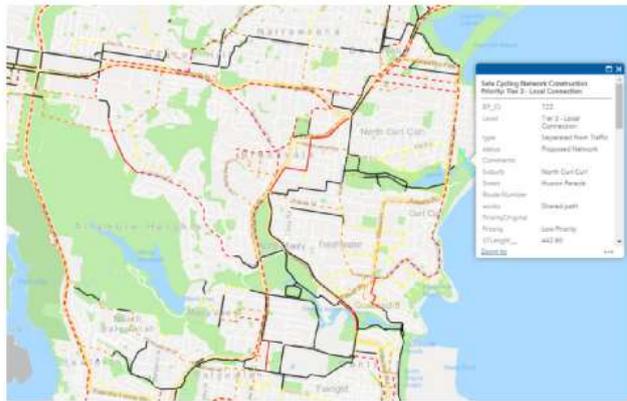
1. Safe Cycling Network - Actions

Action Table - Direction 1					
Direction	Goal	Action	How will we achieve this?	Responsible Business Unit	
1. Expand, improve and maintain the Safe Cycling Network	1.1 Expand the Safe Cycling Network	A1	Seek NSW Government funding for Safe Cycling Network projects	Prioritise projects and submit funding applications	Transport Network
		A2	Prepare designs for Safe Cycling Network to be construction ready for RMS and other funding opportunities.	Prioritise projects in accordance with delivery schedule	Transport Network Capital Projects
		A3	Construct Safe Cycling Network connections	Construct connections in accordance with delivery schedule	Transport Network Capital Projects
		A4	Ensure Safe Cycling Network is incorporated in TINSW and RMS major projects	Communicate proposed Safe Cycling Network to TINSW & RMS with regards to major projects	Transport Network T&CI Assets
		A5	Ensure new developments are assessed and conditions applied in line with the proposed Safe Cycling Network mapping	Review the Safe Cycling Network mapping to determine proximity to the development and potential impacts or needs for upgrades	Development Engineering Transport Network
		A6	Ensure proposed Safe Cycling Network is incorporated in Future Place Plans	Review proposed Safe Cycling Network mapping in conjunction with developing plans	Strategic and Place Planning Transport Network
		A7	Ensure proposed Safe Cycling Network is incorporated in Future Parks & Reserves Master Plans	Review proposed Safe Cycling Network mapping in conjunction with developing plans	Parks Assets - Planning Design and Delivery Transport Network



14/08/2019

Construction Priority



2. Road Cycling Network - Actions

Action Table - Direction 2					
Direction	Goal	Action	How will we achieve this?	Responsible Business Unit	
2. Improve and maintain the Road Cycling Network	2.1 Improve the Road Cycling Network	A13	Seek NSW Government funding for Road Cycling Network projects	Prioritise projects and submit funding applications and project manage the delivery of these works	Transport Network
		A14	Identify road re-sheeting works where line marking can be improved for cycling safety	Review projects in delivery schedule and provide line marking improvements	Transport Network Transport & Civil Infrastructure - Assets
		A15	New infrastructure in release areas to include best practice design methodology and be delivered to ensure best practice delivery – this would include Friends Forest, Brookvale/Due Why and any future development in Ingleside, but could also include larger precinct works across the Northern Beaches	Review proposed plans and condition to achieve the best practice outcomes	Strategic and Place Planning Transport Network Development Engineering
		A16	Identify road projects where improvements can be made for cycling safety	Review projects in delivery schedule and provide design improvements	Transport Network Transport & Civil Infrastructure - Assets
		A17	Progressively provide stenciling and awareness signage to Council's Road Cycling Network	Identify locations and prioritise works. Complete works as funding becomes available.	Transport Network Transport & Civil Infrastructure - Assets
		A18	All traffic committee reports to include consideration of bicycle riders and cycling network along with other vulnerable road users within report and actions to mitigate any adverse impacts	Ensure consideration is given to impact on bicycle riders and pedestrians when producing traffic committee reports	Transport Network



14/08/2019

2. Road Cycling Network



3. End of Trip - Actions

Action Table - Division 3						
Direction	Goal	Action	How will we achieve this?	Responsible Business Unit		
3. Provide and maintain end-of-trip facilities	3.1 Provide end-of-trip facilities	A22	Seek NSW Government funding for bicycle parking and end-of-trip facilities	Identify and apply for grant funding for bicycle parking projects	Transport Network	
		A23	Bicycle Parking with integrated storage lockers at Beaches	Identify and deliver tailored solutions for beach locations	Transport Network	
		A24	Provide bicycle parking and end-of-trip facilities strategy for Strategic Centres	Develop, implement and deliver Northern Beaches Bicycle parking based on demand	Parks Assets - Planning Design and Delivery Transport Network	
		A25	Provide bicycle parking and end-of-trip facilities at transport hubs and major destinations	Identify locations and prioritise works	Identify locations and prioritise works	Transport Network
				Ensure bicycle parking facilities as part of scope of Council major projects	Ensure bicycle parking facilities as part of scope of Council major projects	Transport Network
				Partner with TNSW to provide bicycle parking and end-of-trip facilities at transport hubs	Partner with TNSW to provide bicycle parking and end-of-trip facilities at transport hubs	Transport Network, Transport for NSW
				Provide for e-bike and cargo bike parking requirements as part of bicycle parking projects	Provide for e-bike and cargo bike parking requirements as part of bicycle parking projects	Transport Network
		Provide for secure or semi-secure bicycle parking requirements as part of bicycle parking projects	Provide for secure or semi-secure bicycle parking requirements as part of bicycle parking projects	Transport Network		
		A26	Provide convenient bicycle parking at local centres, villages, bus stops and destinations	Identify locations and prioritise works	Identify locations and prioritise works	Transport Network
		A27	Seek innovative bicycle parking to meet current demand and unique locations	Partner with providers to develop, manufacture and install solutions across the Northern Beaches	Partner with providers to develop, manufacture and install solutions across the Northern Beaches	Transport Network
A28	Provide bicycle parking in high density residential areas	Identify locations and prioritise works	Identify locations and prioritise works	Transport Network		
A29	Ensure bicycle parking and end-of-trip facilities are provided in new developments	Ensure compliance with Council's DCPs for end-of-trip facility requirements	Ensure compliance with Council's DCPs for end-of-trip facility requirements	Transport Network Development Engineering and Certification		



14/08/2019

4. Promote & Encourage - Actions

Action Table - Direction 4					
Direction	Goal	Action	How will we achieve this?	Responsible Business Unit	
Promote and encourage cycling	4.1 Promote cycling for transport	A38	Provide publicly accessible information for cycling on the Northern Beaches	Review and update information on Council's website. Provide up to date mapping of Council's safe cycling network on Council's website and in print	Transport Network Communications
		A39	Promote cycling as a transport option to Council events	Ensure bicycle parking and access is considered as part of Council event planning process.	Transport Network Council Events Team
		A40	Promote cycling as a transport option for workplaces	Provide assistance to workplaces to develop active transport plans	Transport Network
		A41	Promote cycling as a transport option for schools	Develop safe and active to Schools program	Transport Network
		A42	Promote cycling as a transport option for Council staff	Provide bicycle parking and end-of-trip facilities at Council employment locations	Facilities Management Services
				Provide and maintain e-bike fleet for Council staff use	Transport Network Fleet Services
				Develop and Implement Staff E-Bike program	Human Resources Transport Network Fleet Services
				Develop and implement Staff Travel Plan	Transport Network
		A43	Promote cycling as a transport option for the community	Provide incentives to ride or walk to work	Human Resources
				Participate and promote events that encourage cycling. For example Ride to Work Day, Ride to School Day and NSW Bike Week. Promote new bicycle infrastructure such as new paths, work stands and end-of-trip facilities	Transport Network



Delivery Schedule

Action	Deliverable	Prepared	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
A1	Prepare and pursue TfNSW/RMS funding for design and construction of regional route R8 Rowville Bridge to Frenchs Forest	TfNSW/RMS	CP	CP	CP	CP	CP	CP
	Prepare and pursue TfNSW/RMS funding for design and construction of regional route R10 Frenchs Forest to Dee Why	TfNSW/RMS	CP	CP	CP	CP	CP	CP
	Prepare and pursue TfNSW/RMS funding for design and construction of regional route R6 & R7 Manly to Dee Why	TfNSW/RMS	CP	CP	CP	CP	CP	CP
	Prepare and pursue TfNSW/RMS funding for design and construction of regional route R5 Manly to Frenchs Forest	TfNSW/RMS	CP	CP	CP	CP	CP	CP
	Prepare and pursue TfNSW/RMS funding for design and construction of regional route R54 & R15 Dee Why to Manly Vale	TfNSW/RMS	CP	CP	CP	CP	CP	CP
	Ensure Safe Cycling Network is incorporated in Frenchs Forest Priority Project works	TfNSW/RMS	CP	CP	CP	CP	CP	CP
A2	Prepare designs for walk cycling network project, Freshwater to Queenscliff (R8)	ED	CP					
	Prepare designs for walk cycling network project, Rosebery Street, Balgowlah (Local Route)	ED	CP					
	Prepare designs for walk cycling network project, Rosebery Street, Balgowlah (Local Route)	ED	CP					
	Prepare development application for Manly Creek shared path (Local Route)	TWED	CP					
	Prepare designs for walk cycling network project, Brookvale to Dee Why (R8)	ED	CP					
	Prepare designs for walk cycling network project, Condamine St, Manly Vale (R4)	ED	CP					
	Prepare designs for walk cycling network project, Sydney Road & Rose St, Seaforth (R1)	ED	CP					
	Prepare designs for walk cycling network project, Ocean St, Narrabeen (R15)	ED	CP					
	Prepare designs for walk cycling network project, Albert St & Evans St, Freshwater (R8)	ED	CP					
	Prepare designs for walk cycling network project, Simeonby Road (Old Simeonby Rd to North Avalon Rd), Avalon (Local Route)	ED	CP					
	Prepare designs for walk cycling network project, Warringale Road (Cume Rd to Finesville Ave), Finesville (R8)	ED	CP					
	Prepare designs for walk cycling network project, Oliver St, Freshwater, Bennett St, Adams St, Curt Curt (D8)	ED	CP					
	Prepare designs for walk cycling network project, Bassett St, Manly Vale (D18)	ED	CP					
	Prepare designs for walk cycling network project, Pitwater Road (Balgowlah Rd to Labadie Oval), North Manly (Local Route)	ED	CP					
Construct new shared path - Pitwater Road, Collaroy	M&P	CAP						



14/08/2019

Next Steps

- 1. Draft to be approved by Council for Public Exhibition**
- 2. Public Exhibition Period (28 Days)**
 - Online
 - Face to Face
 - Printed Copies
 - Promotion
- 3. Bike Plan to be presented to Council for Adoption**



ITEM 5.2	NORTHERN BEACHES ROAD SAFETY PLAN UPDATE
REPORTING OFFICER	ACTIVE TRAVEL OFFICER
TRIM FILE REF	2019/456562
ATTACHMENTS	1 ↓ Road Safety Plan Presentation

EXECUTIVE SUMMARY

PURPOSE

This report will provide an update to the Transport & Traffic Strategic Reference Group (SRG) on the development of the Northern Beaches Road Safety Plan (the Plan).

SUMMARY

The Plan is one of the seven plans under the “Move – Transport Strategy 2038.” The vision in the Transport Strategy is to provide a safe, sustainable and smart transport network.

Northern Beaches Council is taking the lead in the integration of the Transport for NSW – Roads and Maritime Services (RMS) Safe Systems approach to road safety across the Local Government Area through the development of the Plan.

RECOMMENDATION OF ACTIVE TRAVEL OFFICER

That the Transport and Travel Strategic Reference Group provide feedback for the draft Road Safety Plan to:

- A. Provide input to develop the road safety vision for Northern Beaches Council.
 - B. Contribute in the community engagement process.
-

BACKGROUND

The Northern Beaches Road Safety Plan (the Plan) sets out the directions and actions required to help the Northern Beaches local area to be recognised as a place, which provides a safe travel environment for all users.

Safety on our roads is affected by both infrastructure and behavior. The Northern Beaches Road Safety Plan addresses behavior, it does not include infrastructure. The Plan includes initiatives that contribute to the Northern Beaches local area as a safe travel environment for all road users.

As the community grows, there is a need to continue promoting, educating and raising community awareness that road safety is a shared responsibility and choices and behaviors affect others on the road network.

New and existing road safety campaigns and projects will focus on all road users with emphasis on vulnerable road users.

The Northern Beaches commitment to road safety is represented within the Northern Beaches Council's Community Strategic Plan "Shape 2028".

The Road Safety Plan is supported in the Council "Move – Transport Strategy 2038." The future direction in the plan is to support programs to change road user behavior to improve the safety and efficiency of the network.

The initiatives in the Road Safety Plan will support the transport strategy to improve safety for all road users of the Northern Beaches road network.

CONSULTATION

To seek further community participation in the development of the Northern Beaches Road Safety Plan, a detailed and strategic engagement approach incorporating a number of engagement methods and techniques will be undertaken to ensure Council reaches all stakeholders.

Identified stakeholders include; Transport for NSW, Centre for Road Safety, all schools in LGA, P&C's, Early Childhood learning centres, vulnerable and older members of the community.

Internal engagement will also be undertaken within Council to ensure road safety is embedded in the future design and delivery of council projects and buildings.

TIMING

At this stage it is proposed to place the draft the Northern Beaches Road Safety Plan on the agenda of the Council Meeting to be held in September 2019.

Following endorsement, the community engagement plan is expected to be implemented across October and November 2019 to seek participation from the community and stakeholders.

A detailed community engagement report will be prepared and attached to the report when the Northern Beaches Road Safety Plan is recommended for adoption by Council.

13/08/2019



**Road Safety Plan
SRG Workshop -
Vision**

Karen Menzies and Robynann Dixon
Council Road Safety Officers



northern
beaches
council

The slide features a background image of a beachside promenade at sunset. People are walking, and several bicycles are parked in the foreground. A large white circular graphic on the left side contains the title and presenter information. The Northern Beaches Council logo is in the bottom left corner.

Purpose of the Road Safety Plan

- Engage with key stakeholders for input into the road safety **vision**
- Your contributions will support the development of the Road Safety Plan
- Outline how Council intends to respond to some of the key road safety challenges and opportunities in the community

13/08/2019

Road Safety Plan – Safe Systems

- Based on the safe system approach

- **Safe people**

- Safe speeds
- Safe vehicles
- Safe roads



Road Safety Plan - Timeline

August – SRG Stakeholder Engagement

September –
Council meeting to get endorsed for public exhibition

October/November - Engagement

December – target date for adoption by Council



13/08/2019

Workshop groups

Instructions

1. Road safety discussion is not just about infrastructure.
2. Discuss the vision with respect to people and place.
3. Please write answers to the following questions on the paper provided.
4. Give a quick summary of the following workshop items.



Discussion items

1. What do you think the vision for road safety should look like for the road safety plan?
 2. What are the key road safety issues that affect Northern Beaches Council residents and visitors?
 - Please prioritise the top 5 on your list.
- You will have approximately 5-10 minutes per question.



13/08/2019

Thank you!

Any questions email:
[roadsafety @northernbeaches.nsw.gov.au](mailto:roadsafety@northernbeaches.nsw.gov.au)



ITEM 5.3	NORTHERN BEACHES PARKING PLAN UPDATE
REPORTING OFFICER	ACTIVE TRAVEL OFFICER
TRIM FILE REF	2019/456964
ATTACHMENTS	1 ↓ Parking Plan Presentation

EXECUTIVE SUMMARY

PURPOSE

This report will provide an update to the Transport & Traffic Strategic Reference Group (SRG) on the development of the Northern Beaches Parking Plan (the Plan).

SUMMARY/REPORT

The initial approach to develop the Plan over a two staged process, which included a parking discussion paper, has been amended to proceed directly with the development of the draft Plan for engagement with the community.

The Manly Parking Permit Review and Audit resulted in the allocation of staff resources to ensure that the commitment to report back to Council on the outcome of the review and audit could be achieved.

Advancing directly to the development of the Plan will also assist staff as they prepare Councils Car Share and Electric Vehicle Plan as there will be an adopted strategic approach to the management of parking across the Northern Beaches.

The Plan will also provide direction to Council for the management of the Roads and Maritime Services

RECOMMENDATION OF MANAGER TRANSPORT NETWORK

That the Transport and Travel Strategic Reference Group provide feedback for the draft Parking Plan to:

- A. Provide input to develop the parking plan directions.
 - B. Contribute in the community engagement process.
-

REPORT

BACKGROUND

The Northern Beaches is confronted by a significant demand for parking. There are a number of parking permits, parking schemes and parking conditions currently in operation, which vary greatly in the way they are managed from one end of the Local Government Area to the other.

Good parking management is important for the safe and efficient operation of the road network and supports the economic development of our town centers and villages, including providing local jobs.

As our population continues to increase, parking demand increases at our local shopping areas, beaches, sports fields, playgrounds and popular destinations from Palm Beach to Manly. In most instances, the demand for parking exceeds the available supply of parking spaces. This puts pressure on the surrounding streets and increases congestion within our road network.

Our objective is to manage parking in a way that is equitable and supports the economic viability of Town Centers while boosting sustainable, public transport and active travel use.

The Parking Plan sets out seven (draft) Key Directions to manage parking:

- Direction 1:** On-street parking management
- Direction 2:** Off-street parking management
- Direction 3:** Emerging trends and innovation in parking
- Direction 4:** Parking permits
- Direction 5:** Parking compliance and education
- Direction 6:** Micro mobility and shared transport parking
- Direction 7:** Parking demand management

CONSULTATION

Council expects that there will be a high level of community interest in the development of the Parking Plan therefore a detailed and strategic community engagement approach will be implemented. This approach will utilise a range of engagement techniques and methodology to seek community participation.

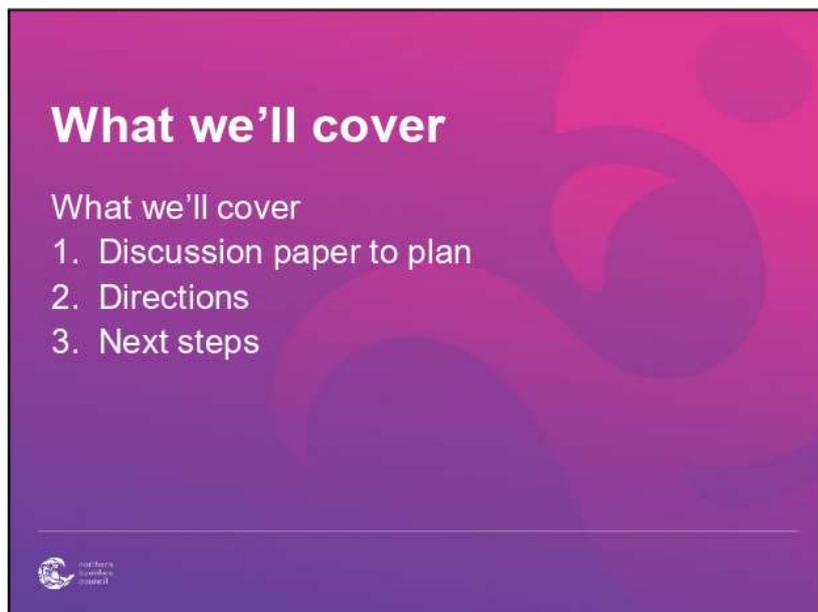
Community engagement will commence following the endorsement of the Plan at a future Council Meeting.

TIMING

At this stage it is proposed to place the draft the Northern Beaches Parking Plan on the agenda of a Council Meeting late 2019 for endorsement.

Following endorsement, the community engagement plan will be implemented to seek participation from the community and stakeholders.

13/08/2019



13/08/2019

Parking Directions

- **Direction 1:** On-street parking management
- **Direction 2:** Off-street parking management
- **Direction 3:** Emerging trends and innovation in parking
- **Direction 4:** Parking permits
- **Direction 5:** Parking compliance and education
- **Direction 6:** Micro mobility and shared transport parking
- **Direction 7:** Parking demand management



Direction 1: On-street parking management

- Commercial areas
- Industrial area
- School Zone parking
- Boat, trailer and caravan parking

Discuss proposed actions



13/08/2019

Direction 2: Off-street parking management

- Pay & display car parks
- Parking stations
- Commuter car parks

Discuss proposed actions



Direction 3: Emerging trends and innovation in parking

- Electric vehicles
- Digital systems
- Virtual permits
- On-line permit applications
- Sensors

Discuss proposed actions



13/08/2019

Direction 4: Parking permits

- Residential parking permit schemes
- Northern Beaches beach parking permit
- Off-shore community parking permits
- Boat trailer parking permit
- Event parking permits

Discuss proposed actions



Direction 5: Parking compliance and education

Parking awareness
Area parking plans

Discuss proposed actions



13/08/2019

Direction 6: Micro-mobility and shared transport parking

- Electric vehicles
- Shared transport
- Micro-mobility
- Motorcycle parking
- Bicycle parking
- Car share

Discuss proposed actions



Direction 7: Parking demand management

Wayfinding
Area parking plans
Peak area parking demand
Sportsground parking

Discuss proposed actions



13/08/2019

Next steps

- Review your feedback on Directions and Actions.
- Update draft Parking Plan
- Final internal engagement
- Council endorsement