



# Bicycle Action Plan 2019

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# PART A

## 1. Executive Summary

### Introduction

Bayside City Council has prepared a Bicycle Action Plan 2019 to guide delivery of a range of initiatives to support cycling as a convenient alternative to private vehicle trips within Bayside. The Bicycle Action Plan 2019 supersedes the Bicycle Strategy 2013.

The Bicycle Action Plan 2019 is informed by Council's Integrated Transport Strategy 2018 - 2028, the Bicycle Strategy 2013, and feedback from the community and Council officers. It identifies actions to make improvements to the bicycle network and to encourage more cycling in Bayside.

### Key issues and findings

The following key issues were raised by the community in relation to cycling in Bayside.

- A desire for more infrastructure: more shared paths, on-road bicycle lanes, bicycle parking and improved network connectivity.
- Safety on shared paths is a significant issue, in particular on the Bay Trail. The conflict between the different path users, i.e. pedestrians and cyclists, needs to be addressed as a matter of priority.
- Cycling on Beach Road was identified as a significant issue, with the most common concern relating to the sharing of road space.
- The behaviour of cyclists and pedestrians on shared paths, and motorists and cyclists on the road, is of concern.
- The need for more promotion of cycling and education for both cyclists and motorists.

### Vision statement

Council's vision for cycling is:

*'To increase cycle use throughout Bayside, facilitated through the development of infrastructure which is safe, well connected, convenient and attractive for cyclists and the promotion of cycling as a healthy and sustainable mode of transport.'*

### Objectives and strategic objectives

The Bicycle Action Plan is set around six objectives which reflect the aspirations of the community and will contribute to Council's vision for cycling. The objectives are set out below.

**Objective 1: High quality on-road bicycle network**

Council will continue to provide high quality on-road infrastructure that contributes to a safe, connected network for cycling in Bayside.

**Objective 2: High quality off-road bicycle network**

Council will continue to provide high quality off-road bicycle infrastructure that contributes to a safe, connected network for cycling in Bayside.

**Objective 3: Effective maintenance of the bicycle network**

Council will effectively monitor and maintain the on-road and off-road bicycle network.

**Objective 4: Integration of cycling with land use development, public transport and other public amenities**

Council will improve the integration of cycling with land use development, public transport and other public amenities, through enhanced accessibility and end-of-trip facilities.

**Objective 5: Planning to support cycling**

Council will seek opportunities within planning processes to encourage and support cycling.

**Objective 6: Promotion of cycling in Bayside**

Council will raise awareness of cycling as a convenient alternative to vehicle trips in the community and support initiatives that encourage cycling.

**Objective 7: Education for safer cycling**

Council will improve safety for cyclists in Bayside through education.

## 2. Action Plan

The Action Plan is presented below, focused around the six key objectives. The actions have a nominated timeframe, cost, responsibility for implementation, and deliverable (i.e. the outcome).

Timeframes used in the Action Plan have been categorised as follows:

- Short 2019/20
- Medium 2020/21 - 2022/23
- Long 2023/24 - 2025/26

Costs used in the action plan have been categorised as follows:

- Low <\$50,000
- Medium \$50,000-\$500,000
- High >\$500,000

## Objective 1: High quality on-road bicycle network

Strategic objective/s : Provide high quality on-road infrastructure that contributes to a safe, connected network for cycling in Bayside						
Strategy		Actions	Timeframe	Costs	Council Department	Deliverable
Provide improvements to the on-road bicycle infrastructure	1.1	Implement on-road bicycle lanes on Carpenter Street	Short	Medium	Sustainability & Transport	Completed bike lane
	1.2	Implement on-road bicycle lanes on Asling Street	Short	Medium	Sustainability & Transport	Completed bike lane
	1.3	Improve access for cyclists between Sims Street and Beach Road Sandringham	Short	Low	Sustainability & Transport	New bicycle access
	1.4	Investigate the feasibility of providing on-road bicycle lanes along Cheltenham Road between Bluff Road and Reserve Road	Medium	Officer time / Low for consultant	Sustainability & Transport	Concept plan
	1.5	Investigate the feasibility of providing on-road bicycle lanes along Park Road providing connectivity to the Bayside Business District, Cheltenham Activity Centre, Cheltenham Park and the wider bicycle network	Medium	Officer time / Low for consultant	Sustainability & Transport	Options identified
	1.6	Investigate the feasibility of providing on-road bicycle lanes along Highett Road, between Bridge Street and the railway crossing	Medium	Officer time / Low for consultant	Sustainability & Transport	Options identified
	1.7	Seek to improve bicycle access from Melrose Street, Sandringham, to the Bay Trail using the existing pedestrian signals	Short	Low	Sustainability & Transport	Prioritised bicycle access across Melrose Street (and to the pedestrian crossing)
	1.8	Formalise bicycle access from Tramway Parade to the Bay Trail	Medium	Medium	Sustainability & Transport	Improved bicycle access to Bay Trail
	1.9	Provide sharrows along Worthing Road to indicate local bicycle route	Long	Low	Sustainability & Transport	Implementation of sharrows

**Strategic objective/s : Provide high quality on-road infrastructure that contributes to a safe, connected network for cycling in Bayside**

Strategy	Actions	Timeframe	Costs	Council Department	Deliverable	
	1.10	Provide sharrows along Middleton Street to indicate local bicycle route	Long	Low	Sustainability & Transport	Implementation of sharrows
	1.11	Investigate feasibility of on-road bicycle lanes/off road path on Park Street	Short	Officer time / Low for consultant	Sustainability & Transport	Concept plan for bicycle facility
	1.12	Should Action 1.8 be feasible, construct on-road bicycle lanes/off-road path along Park Street	Medium	Medium	Sustainability & Transport	Completed bike lane/off-road path
	1.13	Continue installation of bicycle storage boxes at all signalised intersections within Bayside	Ongoing	Medium	Sustainability & Transport	Bike boxes at all signalised intersections
Investigate opportunities to improve on-road bicycle infrastructure	1.14	Seek further opportunities to improve bicycle access from the on-road bicycle network to the Nepean Highway shared trail	Ongoing	Officer time / Low for consultant	Sustainability & Transport	Identified opportunities to improve bicycle access to Bay Trail
	1.15	Investigate opportunities to improve cycle access between Martin Street Activity Centre to/from the foreshore	Medium	Officer time / Low for consultant	Sustainability & Transport	Identified opportunities to improve cycle access
	1.16	Investigate opportunities to improve cycle access between Hampton Street Major Activity Centre to/from the foreshore	Long	Officer time / Low for consultant	Sustainability & Transport	Identified opportunities to improve cycle access
	1.17	Investigate opportunities to improve cycle access between Sandringham Major Activity Centre to/from the foreshore	Long	Officer time / Low for consultant	Sustainability & Transport	Identified opportunities to improve cycle access
	1.18	Consider the options for an improved cycle route between Cheltenham Station and Sandringham Activity Centre	Long	Officer time / Low for consultant	Sustainability & Transport	Identified opportunities to improve cycle access

**Strategic objective/s : Provide high quality on-road infrastructure that contributes to a safe, connected network for cycling in Bayside**

Strategy	Actions	Timeframe	Costs	Council Department	Deliverable	
	1.19	Examine options to improve the existing on-road bicycle lane along Reserve Road between Beach Road and Bay Road, to improve connections, particularly to the Bayside Business Employment Area	Medium	Officer time / Low for consultant	Sustainability & Transport	Concept plan
	1.20	Investigate the available options of providing an on-road bicycle facility along Wickham Road, Hampton East	Medium	Officer time / Low for consultant	Sustainability & Transport	Concept plan
	1.21	Investigate opportunities to improve bicycle connectivity between Highett Station and the CSIRO site	Short to Medium	Officer time / Low for consultant	Sustainability & Transport	Identified cycle links
	1.22	Investigate opportunities to improve bicycle connectivity between Highett Station and the Bayside Business Employment Area	Long	Officer time / Low for consultant	Sustainability & Transport	Identified opportunities to improve cycle access
	1.23	Investigate options to improve priority for cyclists at Martin Street/Cochrane Street roundabout	Medium	Officer time / Low for consultant	Sustainability & Transport	Concept plan
	1.24	Investigate options for local cycling route(s) through Hampton East to Moorabbin Station and provide bicycle pavement markings	Medium	Officer time / Low for consultant	Sustainability & Transport	Concept plan
	1.25	Investigate ways to improve bicycle safety and amenity along Jack Road, Cheltenham	Medium	Officer time / Low for consultant	Sustainability & Transport	Concept plan

**Strategic objective/s : Provide high quality on-road infrastructure that contributes to a safe, connected network for cycling in Bayside**

Strategy	Actions	Timeframe	Costs	Council Department	Deliverable	
	1.26	Undertake a review of the on-road bicycle network to identify any missing links and network improvement opportunities	Medium	Officer time / Low for consultant	Sustainability & Transport	Bicycle network review
Advocate to VicRoads for improvements to on-road bicycle infrastructure on the arterial road network	1.27	Write to and continue engagement with VicRoads to advocate for: <ul style="list-style-type: none"> <li>the introduction of bicycle infrastructure improvements along VicRoads Strategic Cycling Corridors and principle Bicycle Network Plan, within Bayside municipality</li> <li>improved on-road bicycle infrastructure along Beach Road</li> <li>the introduction of on-road bicycle infrastructure on North Road</li> <li>improved bicycle access between the Bay Trail and South Road</li> <li>an early start for cyclists on the Bay Street approach at the Bay Street/ New Street intersection</li> <li>for an early start for cyclists on the South Road approach at the South Road/New Street intersection</li> <li>for an early start for cyclists on the North Road approach at the North Road/New Street intersection</li> </ul>	Short + ongoing	Officer time	Sustainability & Transport	Engagement with VicRoads to promote the benefits of this action
Improve conditions for	1.28	Work in partnership with Victoria Police, VicRoads, Cycling Victoria and other stakeholders to improve conditions for cyclist safety along Beach Road	Ongoing	Officer time	Sustainability & Transport	Improved crash statistics

**Strategic objective/s : Provide high quality on-road infrastructure that contributes to a safe, connected network for cycling in Bayside**

Strategy	Actions	Timeframe	Costs	Council Department	Deliverable
cyclist safety on Beach Road	1.29 Write to and continue engagement with the State Government for funding to implement the actions contained within the Beach Road Corridor Strategy	Short	Officer time	Sustainability & Transport	Advocacy to State Government through letters, applications for funding and other contact.
Improve safety for cyclists riding on-road	1.30 Write to and continue engagement with VicRoads for the lowering of speed limits to 40km/h on the following Major Activity Centres: <ul style="list-style-type: none"> <li>• Sandringham Activity Centre, Sandringham</li> <li>• Black Rock Activity Centre, Black Rock</li> <li>• Dendy Village (Hampton Street), Brighton East</li> </ul>	Long	Officer time	Sustainability & Transport	Advocacy to State Government and VicRoads through letters, applications for funding and other contact.
	1.31 Support LATM measures to create and improve safe and attractive bicycle routes on Council managed roads	Ongoing	Officer time	Sustainability & Transport	Measures implemented
	1.32 Identify high risk crash locations within the municipality by conducting an annual review of available cyclist crash data for Bayside, supplemented by inspections, local knowledge and community input	Annually	Officer time	Sustainability & Transport	Annual review of cyclist crash data
Consider the opportunity to integrate the needs of cyclists in all road projects	1.33 Ensure that the needs of cyclists are considered in all transport infrastructure upgrades and street maintenance programs	Immediate and ongoing	Officer time	City Assets & Projects	Integration of cycling components in projects
	1.34 Ensure streetscape improvements include facilities for cyclists	Immediate and ongoing	Officer time	City Assets & Projects / Open Space, Rec & Wellbeing / Urban Strategy	Integration of cycling components in projects

## Objective 2: High quality off-road bicycle infrastructure

Strategic objective/s : Provide high quality off-road bicycle infrastructure that contributes to a safe, connected network for cycling in Bayside						
Strategy		Actions	Timeframe	Costs	Council Department	Deliverable
Provide improvements to the off-road bicycle infrastructure	2.1	Complete the missing link of the Nepean Highway shared path between Rose Street and Gardenvale Station	Short	Low	Sustainability & Transport	Completed section of path
	2.2	Work in partnership with VicRoads to improve existing sections of the Nepean Highway shared path within the municipality	Ongoing	Officer time	Sustainability & Transport	Improvements to shared path
Improve safety on the Bay Trail including safety improvement projects at high risk sites	2.3	At high risk locations, seek to separate pedestrians and cyclists on the Bay Trail shared path	Immediate and ongoing	High	Sustainability & Transport / City Assets & Projects	High risk locations along Bay Trail addressed
	2.4	Bay Road, Sandringham – implement safety improvements to reduce cyclist speed along the tight corridor at the electrical substation	Short	Low	Sustainability & Transport / City Assets & Projects	Cyclist behaviour change on shared path
	2.5	Rickett's Point (northern car park), Beaumaris – seek to improve the path alignment on the southern side of the car park access road crossing point, i.e. where there is currently a 90 degree bend	Medium	Low	Sustainability & Transport / City Assets & Projects	Improvements to shared path
	2.6	Hampton Life Saving Club, Hampton – seek to increase the width of the path	Medium	Low	Sustainability & Transport / City Assets & Projects	Improvements to shared path
	2.7	Bent Parade, Black Rock – consider opportunities to improve the path alignment	Medium	Low	Sustainability & Transport / City Assets & Projects	Improvements to shared path
	2.8	Bridge Street, Hampton – review/improve the path alignment and clearances along the	Long	Med	Sustainability & Transport / City Assets & Projects	Improvements to shared path

**Strategic objective/s : Provide high quality off-road bicycle infrastructure that contributes to a safe, connected network for cycling in Bayside**

Strategy	Actions	Timeframe	Costs	Council Department	Deliverable
	section of path between Bridge Street and Jetty Road				
	2.9 Dendy Street, Brighton – address high risk path width and proximity to The Esplanade north of Gould Street to Brighton Lifesaving Club.	Long	High	Sustainability & Transport / City Assets & Projects	Improvements to shared path
	2.10 Red Bluff Street, Black Road – investigate opportunities to widen the path and/or increase clearances on the raised section of path	Long	Med	Sustainability & Transport / City Assets & Projects	Improvements to shared path
	2.11 Rennison Street, Beaumaris – investigate opportunities to widen path / increase clearances to guard fence and back of kerb	Long	Med	Sustainability & Transport / City Assets & Projects	Improvements to shared path
	2.12 Brighton Life Saving Club, Brighton – review width of path adjacent to Brighton Life Saving Club as part of the Dendy Street Beach Pavilion Project	Currently underway	Med	Sustainability & Transport / City Assets & Projects	Improvements to shared path
	2.13 Brighton Life Saving Club, Brighton – review width of path at the car park exit as part of the Dendy Street Beach Pavilion Project	Currently underway	Low	Sustainability & Transport / City Assets & Projects	Improvements to shared path
Improve lighting on Bay Trail	2.14 Provide low-level lighting (in ground solar LED lights) on Bay Trail (bike path only) between Royal Brighton Yacht Club and Bay Street	Short	Low	Sustainability & Transport / City Assets & Projects	In-ground LED lights on section of bike path
Provide services along shared paths	2.15 Install two bicycle repair stations with drinking water on the Bay Trail	Short	Low	Sustainability & Transport	Two bicycle repair stations/drinking fountains

**Strategic objective/s : Provide high quality off-road bicycle infrastructure that contributes to a safe, connected network for cycling in Bayside**

Strategy	Actions	Timeframe	Costs	Council Department	Deliverable
	2.16 Investigate opportunities to provide additional drinking water stations along shared paths	Short	Low	Sustainability & Transport	Two bicycle repair stations/drinking fountains
Investigate opportunities to improve off-road bicycle infrastructure	2.17 Investigate options to continue the Nepean Highway shared trail through the Moorabbin Activity Centre	Short	Officer time / Low for consultant	Sustainability & Transport	Options identified
	2.18 Undertake a review of the off-road bicycle network to identify any missing links and network improvement opportunities, including along the Sandringham and Frankston railway lines	Medium	Officer time / Low for consultant	Sustainability & Transport	Bicycle network review
Advocate to State Government for improved shared paths along rail corridors	2.19 Write to and continue engagement with the State Government for a shared path along the Frankston Railway line from Park Road to Bay Road, providing a safe and continuous route to/from Southland Railway Station and shopping Centre, Bay Road and Park Road	Short	Officer time	Sustainability & Transport	Advocacy to State Government through letters, applications for funding and other contact.
	2.20 Write to and continue engagement with the State Government for any identified shared path links along the Sandringham and Frankston rail corridor	Medium	Officer time	Sustainability & Transport	Advocacy to State Government through letters, applications for funding and other contact.

### Objective 3: Effective maintenance of the bicycle network

Strategic objective/s : Effectively monitor and maintain the on-road and off-road bicycle network						
Strategy		Actions	Timeframe	Costs	Council Department	Deliverable
Ensure ongoing monitoring and regular maintenance of the bicycle network	3.1	Monitor and maintain the on-road bicycle network	Ongoing	Within budget	City Assets & Projects	N/A
	3.2	Following the completion of road works on Council managed roads, ensure that the road reinstatement does not create any unnecessary safety risks for cyclists	Ongoing	Within budget	City Assets & Projects	N/A
	3.3	Monitor and maintain the off-road bicycle network	Ongoing	Within budget	City Assets & Projects	N/A
	3.4	Raise awareness amongst cyclists of the reporting procedure for dealing with maintenance issues	Ongoing	Officer time	Communications	N/A
	3.5	Provide portable bicycle parking at community events and festivals	Immediate and ongoing	Low	Economic Development	Bicycle parking at events

## Objective 4: Integration of cycling with land use development, public transport and other public amenities

Strategic objective/s : Improve the integration of cycling with land use development, public transport and other public amenities through enhanced accessibility and end of trip facilities						
Strategy	Actions	Timeframe	Costs	Council Department	Deliverable	
Increase bicycle parking facilities at activity hubs	4.1	Provide bicycle parking in public locations where there is an identified need, such as shops, libraries, sports clubs and reserves	Immediate and ongoing	Low	Sustainability & Transport / City Assets & Projects	New bicycle parking
	4.2	Provide additional bicycle parking facilities at Bay Road–Jack Road Small Neighbourhood Activity Centre	Short	Low	Sustainability & Transport / City Assets & Projects	New bicycle parking
	4.3	Provide additional bicycle parking facilities at Pennydale Park	Short	Low	Sustainability & Transport / Open Space, Recreation & Wellbeing	New bicycle parking
	4.4	Provide bicycle parking as part of every foreshore car park upgrade project	Immediate and ongoing	Low	Open Space, Recreation & Wellbeing	New bicycle parking
	4.5	Provide portable bicycle parking at community events and festivals	Immediate and ongoing	Low	Economic Development	Bicycle parking at events
	4.6	Provide secure bicycle parking at Council buildings, community facilities and Council controlled car parks	Medium	Low	Sustainability & Transport / City Assets & Projects	New bicycle parking
	4.7	Provide additional bike parking at Livingston Community Hub	Medium	Low	Sustainability & Transport / Open Space, Recreation & Wellbeing	New bicycle parking

**Strategic objective/s : Improve the integration of cycling with land use development, public transport and other public amenities through enhanced accessibility and end of trip facilities**

Strategy	Actions	Timeframe	Costs	Council Department	Deliverable	
Improve integration of cycling trips with public transport trips	4.8	Provide additional bike parking at Lyle Anderson Reserve	Medium	Low	Sustainability & Transport / Open Space, Recreation & Wellbeing	New bicycle parking
	4.9	Work with key stakeholders to ensure bicycle parking is provided at public transport hubs	Ongoing	Officer time	Sustainability & Transport	New bicycle parking
	4.10	Write to and continue engagement with the State Government for the introduction of Parkiteer bicycle cages at all trains stations serving Bayside	Short term	Officer time	Sustainability & Transport	Advocacy to State Government through letters, applications for funding and other contact.
	4.11	Write to and continue engagement with the State Government for improved lighting and visibility at stations and along paths to stations, including North Brighton Station, Middle Brighton Station, Sandringham Station and Gardenvale Station	Immediate and ongoing	Officer time	Sustainability & Transport	Advocacy to State Government through letters, applications for funding and other contact.
	4.12	Write to and continue engagement with the State Government for the introduction of bike racks on all buses to integrate bicycle trips with bus trips	Short term	Officer time	Sustainability & Transport	Advocacy to State Government through letters, applications for funding and other contact.
Improve bicycle wayfinding	4.13	Provide wayfinding signage to bicycle parking at Council buildings, community facilities and Council controlled car parks	Medium	Low	Sustainability & Transport	New wayfinding signage
	4.14	Write to and continue engagement with the State Government for provision of wayfinding signage to bicycle parking at train stations	Medium	Officer time	Sustainability & Transport	Advocacy to State Government through letters, applications

**Strategic objective/s : Improve the integration of cycling with land use development, public transport and other public amenities through enhanced accessibility and end of trip facilities**

Strategy	Actions	Timeframe	Costs	Council Department	Deliverable	
					for funding and other contact.	
Improve cycle accessibility to Council buildings, community facilities and open spaces	4.15	Provide a pedestrian/cycling bridge/underpass across the railway corridor connecting Lyle Anderson Reserve to the east, in conjunction with VicTrack and Kingston City Council	Long	High	Sustainability & Transport	Pedestrian/cycling bridge/underpass
	4.16	Address cycling accessibility as part of the scope of works for any new Council developments, new or improved open spaces and community facility improvements	Immediate and ongoing	Officer time	Sustainability & Transport / Open Space Rec and Wellbeing/ City Assets & Projects	N/A

## Objective 5: Planning to support cycling

Strategic objective/s : Seek opportunities within planning processes to encourage and support cycling						
Strategy	Actions	Timeframe	Costs	Council Department	Deliverable	
Encourage and support cycling through planning processes	5.1	Seek the provision of secure bicycle parking and end of trip facilities for all new developments	Ongoing	Officer time	Planning	N/A
	5.2	Ensure any redevelopment of the CSIRO site provides public shared paths that connect Hightt Road to Bay Road and Graham Road to Middleton Street.	Short to medium	Officer time	Sustainability & Transport / Urban Strategy / Open Space & Recreation	N/A
	5.3	Investigate feasibility of requiring new developments to provide Green Travel Plans	Medium	Officer time	Sustainability & Transport / Urban Strategy	Recommendation in relation to Green Travel Plans
	5.4	Review the state provisions associated with secure bicycle parking and end of trip facilities in new developments to determine if an increase in the standards is required	Medium	Officer time	Sustainability & Transport / Urban Strategy	Review of state provisions

## Objective 6: Promote cycling in Bayside

Strategic objective: Raise awareness of cycling as a convenient alternative to vehicle trips in the community and support initiatives that encourage cycling						
Strategy	Actions	Timeframe	Costs	Council Department	Deliverable	
Promote and encourage cycling	6.1	Develop a tailored marketing campaign to celebrate cycling when new cycling infrastructure is constructed or other improvements are made	Ongoing	Officer time	Sustainability and Transport/ Communications	Marketing campaign

**Strategic objective: Raise awareness of cycling as a convenient alternative to vehicle trips in the community and support initiatives that encourage cycling**

Strategy	Actions	Timeframe	Costs	Council Department	Deliverable	
Promote and encourage cycling in the workplace	6.2	Update and distribute the Bayside Cycling Trail Map at appropriate events and other opportunities as required	Ongoing	Officer time	Sustainability and Transport/ Communications	Updated map
	6.3	Distribute media releases, utilise social media and promote cycling through existing community groups and local events to promote and raise the profile of cycling	Ongoing	Officer time	Sustainability and Transport/ Communications	Increased ridership
	6.4	Develop a campaign to promote the health benefits associated with cycling	Ongoing	Officer time	Sustainability and Transport/ Communications	Increased ridership
	6.5	Develop/deliver a 'Cycling With Confidence' Program for Bayside residents to improve bicycle maintenance and cycling skills	Ongoing	Officer time	Sustainability & Transport / Communications	Delivery of Cycling with Confidence program
	6.6	Develop a travel behaviour change program for the Bayside community that encourages an uptake in walking, cycling and public transport	Short / Ongoing	Officer time	Sustainability & Transport / Communications	Travel behaviour change program
	6.7	Develop a Green Travel Plan toolkit to encourage and assist schools and large employers to develop Green Travel Plans	Medium	Officer time	Sustainability & Transport	Green Travel Plan toolkit
Promote and encourage cycling in schools	6.8	Encourage all workplaces within Bayside to participate in the Ride2Work days	Ongoing	Officer time	Sustainability & Transport	Increased ridership
	6.9	Work in partnership with those schools in Bayside participating in the Ride2School Program to identify opportunities for infrastructure improvements to support sustainable travel within the local area	Ongoing	Officer time	Sustainability & Transport	Identification of infrastructure improvements around schools

**Strategic objective: Raise awareness of cycling as a convenient alternative to vehicle trips in the community and support initiatives that encourage cycling**

Strategy	Actions	Timeframe	Costs	Council Department	Deliverable
Promote and encourage cycling amongst Council staff	6.10 Review, update and implement Council's Green Travel Plan to promote and encourage sustainable travel choices amongst staff	Ongoing	Officer time	Sustainability & Transport	Updated Green Travel Plan
Monitor and report cycling levels in Bayside	6.11 Develop and implement a cycling monitoring program	Immediate and ongoing	Officer time	Sustainability & Transport	Annual report on cycling uptake in Bayside

**Objective 7: Education for safer cycling**

**Strategic objective: Improve safety for cyclists in Bayside through education**

Strategy	Actions	Timeframe	Costs	Council Department	Deliverable
Improve safety for cycling on shared paths and on-road through education initiatives	7.1 Develop and deliver an education campaign to raise awareness of shared path etiquette amongst pedestrians, dog walkers, cyclists and other users	Medium	Office time	Sustainability & Transport / Communications	Education campaign
	7.2 Develop and deliver an education campaign to raise awareness and promote mutual respect between all road users	Medium	Officer time	Sustainability & Transport / Communications	Education campaign
	7.3 Strengthen partnerships with Victoria Police, VicRoads and other relevant stakeholders to advocate for safer road and path user behaviour to improve safety for all users of the bicycle network within the municipality	Ongoing	Officer time	Sustainability & Transport / Communications	Improved crash statistics

## PART B

### 3. Purpose

The Bicycle Action Plan 2019 will guide the delivery of a range of bicycle related initiatives within Bayside. The Bicycle Action Plan 2019 supersedes the Bicycle Strategy 2013.

The Bicycle Action Plan 2019 is informed by Council's Integrated Transport Strategy 2018 - 2028, the Bicycle Strategy 2013 and feedback from the community and Council officers. It identifies actions to make improvements to the bicycle network and to encourage more cycling as a convenient alternative to private vehicle trips in Bayside.

### 4. Council's Strategic Planning Framework

The Bicycle Action Plan 2019 is aligned with, and supports, the Bayside Integrated Transport Strategy 2018 - 2028, in particular the following Strategic Directions:

#### ***Strategic Directions for Enabling Sustainable Transport Choices***

- *SD 1: Promote and encourage sustainable transport choices to Council employees;*
- *SD 2: Promote and encourage sustainable transport choices to the community; and*
- *SD 3: Investigate opportunities to introduce initiatives that will improve transport choices and reduce transport emissions.*

#### ***Strategic Directions for Cycling***

- *SD 8: Develop a culture of cycling within Bayside that encourages people to ride a bicycle;*
- *SD 9: Improve and expand the bicycle network to support both utility cycling and recreational cycling to key destinations in Bayside; and*
- *SD 10: Improve the integration of cycling with land use development, public transport and other key amenities.*

#### ***Strategic Directions for User Friendly Streets***

- *SD13 The transport system in Bayside will be safe for all users; and*
- *SD14 Greater priority will be given to sustainable modes of transport in terms of allocating time, space and facilities on local streets.*

#### ***Strategic Directions for Integrated Transport and Land use***

- *SD16 Development will support and encourage walking, cycling and public transport use.*

## 5. Methodology

The Bicycle Plan 2019 has been developed by analysing and incorporating relevant actions from the Bicycle Strategy 2013, the Integrated Transport Strategy 2018 - 2028, structure and development plans and feedback from the community. Key inputs in the development of the Bicycle Action Plan 2019 are outlined below.

### Strategy Review

Existing documents and strategies were reviewed to inform the development of the Bicycle Action Plan 2019 including:

- Integrated Transport Strategy 2018 - 2028
- Bayside Bicycle Strategy 2013
- Urban Structure Plans
  - Bay Street Structure Plan 2006
  - Beaumaris Concourse Structure Plan 2005
  - Black Rock Neighbourhood Activity Centre – Strategic Framework Plan 2009 (2012 Addendum)
  - Church Street Centre Structure Plan 2006
  - Hampton East (Moorabbin) Structure Plan 2016
  - Hampton Street Structure Plan 2006
  - Highett Structure Plan 2018
  - Martin Street Structure Plan 2016
  - Pennydale Structure Plan 2018
  - Sandringham Village Structure Plan 2006
- Development Plans
  - Jack Road Cheltenham Precinct Development Plan

### Bay Trail Improvements

Improvement projects previously identified through the Bay Trail Safety Audit 2012 review have been incorporated into the Bicycle Action Plan 2019.

### Community Engagement

In February – March 2019, Council conducted a community engagement process to provide the Bayside community the opportunity to provide input into the development of the Bicycle Action Plan 2019. The consultation comprised an online forum, face to face engagement, and surveys as follows:

- Have Your Say (HYS) Bayside website – online questions and interactive map;
- Pop-up bike stands – at the Brighton n Sandy Festival, Green Point Brighton and at Sandringham Station; and
- Questionnaire survey.

A total of 146 respondents provided feedback which related to bicycle infrastructure or cycling in Bayside. The feedback has been reviewed as part of the development of the Bicycle Action Plan 2019.

The second phase of community engagement commenced in May 2019. The draft Bicycle Action Plan 2019 were publish for public exhibition for a duration of 2 weeks to determine 'if we have got the Action Plan right' and 'if we have missed anything'.

The consultation comprised an online forum (HYS Bayside website) and targeted emails/letters to Victoria Walk, Bicycle Network Victoria, RoadSafe South East, Victoria Police, Neighbouring Councils (Port Phillip, Kingston and Glen Eira) and Schools within Bayside Municipality.

A total of 11 respondents provided feedback towards the draft Bicycle Action Plan 2019.

## 6. Key findings

The key issue raised by the community was the desire for more infrastructure: more shared paths, on-road bicycle lanes, bike parking and improved network connectivity.

Safety on shared paths was a significant issue identified by respondents, in particular on the Bay Trail where conflict between the different path users, eg. pedestrians and cyclists is common.

The sharing of road space was commonly raised with regard to on-road cycling, on Beach Road in particular. The behaviour of cyclists and pedestrians on shared paths, and motorists and cyclists on the road, was also a common theme.

Other feedback related to bike parking, promotion of cycling, and education. Table 1 below provides a summary of the themes raised by respondents.

Table 1 Feedback Summary

Theme from Community Consultation		No of comments
Off-road paths	General	87
	Bay Trail	76
	Nepean Highway shared path	5
	New path suggestions	22
	Road crossing improvements	11
	Other comments	5
On-road paths	General	67
	Beach Road	39
	Hampton Street	9
	Nepean Highway	7

	Hihett Road	8
	South Road	6
	Other roads	27
	Intersections	9
Bike parking	General	29
	Stations	29
	Specific locations	19
	Bay Trail	3
	Other comments	5
Other	Water stations	11
	Behaviour	2
	Promotion	15
	Education	12
	Signage	4
	Schools	3
	Other	22

## Off road paths

The most frequent comment in relation to bike paths was for more paths generally, and specifically along the Frankston railway corridor. Concerns were identified in relation to pedestrian and cyclist behaviour and conflict on shared paths.

Congestion on the Bay Trail was identified, particularly between Green Point and Brighton Baths. Visibility at intersections along the Bay Trail with access paths was also an issue of concern. Numerous comments related to issues at specific locations along the Bay Trail.

Safety and connectivity issues were identified at specific locations on other shared paths, in particular the Nepean Highway shared path. There was also a number of requests for improvements at road crossings.

## On road paths

The most frequent comment in relation to on-road bike lanes was for provision of more dedicated bike lanes and for separation from parked cars. Concerns were identified with behaviour of motorists and cyclists on the road.

Cycling on Beach Road was identified as a significant issue, with the most common theme relating to the sharing of road space. Specific issues were identified on other roads, including Hampton Street, Hihett Road and Nepean Highway.

Improvements to specific intersections were also requested.

## **Bike parking**

Feedback relating to bike parking identified the need for additional secure parking at train stations, particularly at Hampton Station and Sandringham Station.

Additional bike parking at other locations in Bayside was also identified, such as at shopping centres, cafes, along the Bay Trail, at beaches/parks/reserves and at events.

## **Promotion and Education**

There were numerous suggestions for promotion activities to encourage more cycling in Bayside.

The need for education was also identified to improve behaviour of path users (cyclists and pedestrians) and road users (cyclists and motorists).

## **Other**

Other issues identified through the consultation process related to:

- Water fountains;
- Integration with public transport;
- Wayfinding signage; and
- Cycling to schools.

# **7. Objectives**

The Bicycle Action Plan 2019 is developed around six objectives which have been derived through the consultation and reviews, which are set out below.

### ***Objective 1: High quality on-road bicycle network***

Council will continue to provide high quality on-road infrastructure that contributes to a safe, connected network for cycling in Bayside through the following strategic directions:

- Provide improvements to the on-road bicycle infrastructure;
- Investigate opportunities to improve on-road bicycle infrastructure;
- Advocate to VicRoads for improvements to on-road bicycle infrastructure on the arterial road network;
- Improve conditions for cyclists on Beach Road;
- Improve safety for cyclists riding on-road; and
- Consider needs of cyclists in all road projects.

### **Objective 2: High quality off-road bicycle network**

Council will continue to provide high quality off-road bicycle infrastructure that contributes to a safe, connected network for cycling in Bayside through the following strategic directions:

- Provide improvements to the off-road bicycle infrastructure;
- Improve safety on the Bay Trail including safety improvement projects at high risk sites;
- Improve lighting on Bay Trail;
- Provide services along shared paths;
- Investigate opportunities to improve off-road bicycle infrastructure; and
- Advocate to State Government for improved shared paths along rail corridors.

### **Objective 3: Effective maintenance the bicycle network**

Council will effectively monitor and maintain the on-road and off-road bicycle network by ensuring ongoing monitoring and regular maintenance of the bicycle network.

### **Objective 4: Integration of cycling with land use development, public transport and other public amenities**

Council will improve the integration of cycling with land use development, public transport and other public amenities through enhanced accessibility and end of trip facilities through the following strategic directions:

- Increase bicycle parking facilities at activity hubs;
- Improve integration of cycling trips with public transport trips;
- Improve bicycle wayfinding; and
- Improve cycle accessibility to Council buildings, community facilities and open spaces.

### **Objective 5: Planning to support cycling**

Council will seek opportunities within planning processes to encourage and support cycling by encouraging and supporting cycling through planning processes.

### **Objective 6: Promotion of cycling in Bayside**

Council will raise awareness of cycling as a convenient alternative to vehicle trips in the community and support initiatives that encourage cycling through the following strategic directions:

- Promote and encourage cycling;
- Promote and encourage cycling in the workplace;
- Promote and encourage cycling in schools; and
- Promote and encourage cycling amongst Council staff.

### **Objective 7: Education for safer cycling**

Council will improve safety for cyclists in Bayside through education through the following strategic direction by improving safety for cycling on shared paths and on-road through education initiatives.

## **8. Implementation and reporting**

Implementation of the Bicycle Action Plan 2019 will be monitored and the progress of delivery of actions reported annually.

Key indicators of success of the Plan will be an increase in rider participation and improved safety for cyclists in Bayside. This can be measured through:

- Bicycle Network Super Tuesday and Super Sunday annual bicycle counts;
- Census data on cycling trips; and
- Reduction in cyclist crashes.



Bayside City Council  
76 Royal Avenue  
Sandringham VIC 3191  
Tel (03) 9599 4444  
Fax (03) 9598 4474  
[enquiries@bayside.vic.gov.au](mailto:enquiries@bayside.vic.gov.au)  
[www.bayside.vic.gov.au](http://www.bayside.vic.gov.au)

We acknowledge the Boon Wurrung people of the Kulin Nation as the traditional owners of this land and we pay respect to their Elders past and present. We acknowledge that together we share a responsibility to nurture this land, and sustain it for future generations.