

# Wyong Shire Council



## On-Road Bicycle and Shared Pathway Strategy Action Plan



Draft Action Plan – September 2010  
Wyong Shire Council 2010  
Prepared by: Future Planning Unit  
Design by: Alison Pigott  
Formatting by: Rose Eliasson  
Enquiries: Wyong Shire Council, PO Box 20, WYONG NSW 2259  
Phone: (02) 4350 5555  
Internet: [www.wyong.nsw.gov.au](http://www.wyong.nsw.gov.au)



## EXECUTIVE SUMMARY

On-road bicycle lanes and shared pathways play an important role in supporting Wyong Shire Council's goal of enhancing the quality of life of residents and visitors, both now and into the future. Bicycle lanes provide an efficient alternative transport route and training corridor for cyclists whilst shared pathways can be utilised by the entire community for a range of social, transport and recreational reasons.

The Wyong Shire On-Road Bicycle and Shared Pathway Strategy is a culmination of extensive research and community engagement process incorporating input from pedestrians, walking groups, social and competitive cyclists, students, community groups and the wider community.

The strategy demonstrates Council's desire to support healthy living and sustainable transport for all members of the community. The strategy focus is on improving the health, the environment, quality of life and wellbeing of residents and visitors to the Shire through providing connections to key destinations and initiatives which encourage and support walking and cycling activity.

The Wyong Shire On-Road Bicycle and Shared Pathway Strategy comprises three reports.

The **Wyong Shire On-Road Bicycle and Shared Pathway Strategy** sets a direction and policy framework to achieve an improved on – road cycling and shared pathway network and environment over the next 10 years. It establishes a long term vision for formed on-road bicycle routes, shared pathways and cycling activities and identifies a range of infrastructure requirements (e.g. cycle lanes, parking, etc), and behavioural requirements (e.g. education and promotional activities) necessary to deliver the vision.

The **Background and supporting information report** provides an overview of the policy context of cycling within the community, the key findings from the community engagement and key planning and design issues that are critical in establishing an effective path and connected network.

The **Action plan** identifies the key actions that are necessary to achieve this vision and the ten priority pathway projects that Council will focus on to improve the connectivity, accessibility and use of the existing network.





# 1 PRIORITY ACTIONS

The objective of these priority actions is to provide direction to support and encourage participation in walking and cycling activities and achieve a greater level of on-road bicycle and shared pathway use. The key recommendations of this strategy are identified in Table 1. Note: ( ) Denotes the suggested Responsible Lead Council Unit and Officer prior to the organisation restructure approved by Council 25 August 2010.

**Table 1: On-road Bicycle and Shared Pathway Strategy Priority Actions**

Key Area	No.	Action	Suggested Responsible Lead Council Unit	Suggested Responsible Lead Council Officer	Suggested Priority
<b>1 Planning</b>	1.1	Review and update the Wyong LEP, DCP's and other relevant planning instruments and policies to incorporate bicycle strategy principles, including: <ul style="list-style-type: none"> <li>• Minimum widths, operating space / geometric requirements</li> <li>• Landscaping</li> <li>• End of trip facilities</li> <li>• Supporting infrastructure</li> </ul>	Land – Use Planning & Policy Development (Future Planning)	Strategic Planning Officer	High
	1.2	Review and update Contribution Plans to allow planning schemes to contribute to the development of the on-road bicycle and shared pathway strategy.	Land – Use Planning & Policy Development (Future Planning)	Contributions Officer	High
	1.3	Develop strategic on-road bicycle and shared pathway network maps using the adopted planning principles.	Sport, Leisure & Recreation (Future Planning)	Recreation Planner	High
	1.4	Investigate the community benefits associated with providing lighting along key links in accordance with Crime Prevention through Environmental Design (CEPTED) guidelines.	Sport, Leisure & Recreation (Future Planning)	Recreation Planner	Medium
	1.5	Prepare project estimates for prioritised links.	Roads & Stormwater (Open Space + Rec)	Technical Officer With input from Estimator	High



**Table 1: On-road Bicycle and Shared Pathway Strategy Priority Actions cont'd**

Key Area	No.	Action	Suggested Responsible Lead Council Unit	Suggested Responsible Lead Council Officer	Suggested Priority
<b>2 Administrative</b>	2.1	Seek funding from external sources to match Council funding for the implementation of Council's on-road bicycle and shared pathway strategy: <ul style="list-style-type: none"> <li>Seek funding for infrastructure, pathways, end of trip facilities, signage and supporting community initiatives.</li> <li>Investigate commercial opportunities &amp; partnerships.</li> </ul>	Roads & Stormwater (Open Space + Rec)	Assets Technical Officer (Manager OS&R) With input from; Grants Officer	High
	2.2	Establish a local bicycle and pedestrian reference group to provide input where appropriate into pathway design, network maintenance, and supportive initiatives and to monitor the implementation of the on-road bicycle and shared pathway strategy.	Roads & Stormwater (Open Space + Rec)	Manager Roads & Stormwater (Manager OS&R) With input from; Recreation Planner S & Rec Dev Manager	Medium
	2.3	Develop initiatives to improve and encourage pedestrian movement and cycling within the Wyong LGA with consideration of available resources.	Sport, Leisure & Recreation (Sport + Recreation)	S & Rec Dev Manager	Medium
	2.4	Review strategy within five (5) years of adoption.	Sport, Leisure & Recreation	Recreation Planner	High
<b>3 Maintenance</b>	3.1	Develop an on-road bicycle and shared pathway hazard inspection reporting system to identify maintenance hazards (i.e. potholes, grates, lifted/dropped service covers etc).	Roads & Stormwater (Roads + Drainage design)	Assets Technical Officer With input from; Open Space Technical Officer	High
	3.2	Develop and implement a regular inspection program for off on-road bicycle and shared pathways to identify and resolve maintenance problems and hazards.	Roads & Stormwater (Roads + Drainage design)	Assets Technical Officer With input from; Manager Open Space	High



**Table 1: On-road Bicycle and Shared Pathway Strategy Priority Actions cont'd**

Key Area	No.	Action	Suggested Responsible Lead Council Unit	Suggested Responsible Lead Council Officer	Suggested Priority
<b>3. Maintenance Cont'd</b>	3.3	Develop a road and pathway maintenance service level agreements to enhance cyclist safety, access and comfort along the network.	Roads & Stormwater (Roads + Drainage design)	Assets Technical Officer With input from; Open Space Technical Officer Recreation Planner	High
	3.4	Develop protocols which ensure that pedestrian and cyclist safety, access and comfort are maintained through and / or around construction zones.	Roads & Stormwater (Roads and Drainage)	Assets Technical Officer	Medium
	3.5	Investigate the possibility of incorporating an on-road bicycle and shared pathway hazard reporting system into Councils existing web portal for the public to report to maintenance problems and hazards.	Roads & Stormwater (Roads + Drainage design)	Assets Technical Officer OS&R Technical Officer With input from; Communications Officer	Medium
<b>4 Design &amp; Engineering</b>	4.1	In partnership with the RTA, audit the on-road bicycle network to assess compliance with the minimum widths recommended in the on-road and shared pathway strategy: <ul style="list-style-type: none"> <li>Investigate options and develop estimates to widen narrow bicycle lanes.</li> </ul>	Roads & Stormwater (Roads + Drainage design)	Assets Technical Officer Transport Planner	High
	4.2	In partnership with the RTA, audit the on-road bicycle network to assess compliance with the minimum widths recommended in the on-road and shared pathway strategy: <ul style="list-style-type: none"> <li>Lobby the RTA to develop and fund a program to widen all narrow bicycle lanes.</li> </ul>	Roads & Stormwater (Roads + Drainage design)	Transport Planner Recreation Planner Assets Technical Officer	High



**Table 1: On-road Bicycle and Shared Pathway Strategy Priority Actions cont'd**

Key Area	No.	Action	Suggested Responsible Lead Council Unit	Suggested Responsible Lead Council Officer	Suggested Priority
<b>4 Design &amp; Engineering Cont'd</b>	4.3	In partnership with the RTA, audit the surface condition of the on-road bicycle network and assess its ability to be used comfortably and safely by cyclists. <ul style="list-style-type: none"> <li>Investigate options and develop estimates to upgrade non complying surfaces.</li> </ul>	Roads & Stormwater (Roads + Drainage design)	Assets Technical Officer Transport Planner	High
	4.4	In partnership with the RTA, audit the surface condition of the on-road bicycle network and assess its ability to be used comfortably and safely by cyclists. Lobby the RTA to develop and fund a program to upgrade non complying surfaces.	Roads & Stormwater (Roads + Drainage design)	Assets Technical Officer	High
	4.5	Pavement mark the on-road bicycle network: Lobby the RTA to line mark bicycle lanes , including bicycle logos located on the state road network Lobby the RTA to utilise green paint to highlight bicycle lanes in dangerous areas including intersections and pinch – points.	Roads & Stormwater (Future Planning)	Assets Technical Officer Transport Planner Recreation Planner	High
	4.6	Investigate opportunities to use excess materials from other projects for on-road bicycle and shared pathway development.	Roads & Stormwater	Assets Technical Officer	
	4.7	Provide centre line and instructional markings on identified shared pathways to assist with management of use.	Roads & Stormwater (Open Space + Rec)	Assets Technical Officer	Medium
	4.8	As resources permit, develop Local Area Traffic Management Schemes (LATM's) to support the safe use of local streets for walking and cycling. Ensure that all future traffic management proposals are pedestrian and cycle friendly in their design and implementation.	Asset Management (Future Planning)	Transport Planner With input from; Development Engineer	High



**Table 1: On-road Bicycle and Shared Pathway Strategy Priority Actions cont'd**

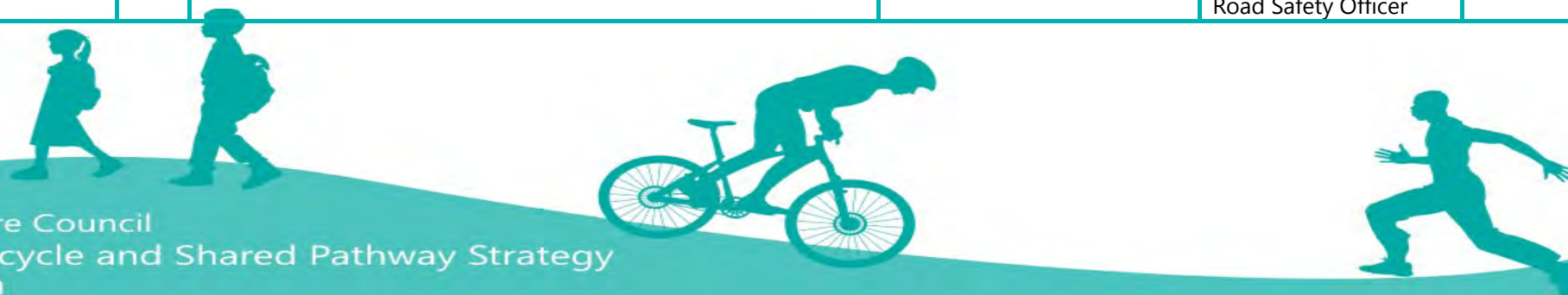
Key Area	No.	Action	Suggested Responsible Lead Council Unit	Suggested Responsible Lead Council Officer	Suggested Priority
<b>4 Design &amp; Engineering cont'd</b>	4.9	Consider opportunities to create and develop rest points along primary routes and provide bicycle racks, lockable bicycle storage, seating, water and access to public toilets at these points.	Open Space (Open Space + Rec)	Landscape Architect With input from; Recreation Planner DAU Officers	Medium
	4.10	Examine existing landscape along the bicycle and shared pathway network and assess its compliance with pathway user's key landscape criteria: <ul style="list-style-type: none"> <li>• Develop a program to resolve landscape problems.</li> <li>• Plant and maintain shade trees and landscape areas along trail networks – ensuring physical and sight clearances are maintained.</li> <li>• Update Council landscape policy to include cycling and pedestrian requirements.</li> <li>• Ensure landscape designs for proposed developments are cycling and pedestrian friendly.</li> </ul>	Open Space (Open Space + Rec)	Landscape Architect With input from; OS&R Technical Officer	High
<b>5 Education &amp; Partnerships</b>	5.1	Undertake a pilot program to increase walking and cycling within the community. Target schools, students and parents.	Sport, Leisure & Recreation (Sport + Recreation)	S & Rec Dev Manager With input from; Communication Officer	High
	5.2	Encourage regular walking and cycling programs targeting schools, community health centres, General practitioners, Health professionals and clubs e.g. Walking / cycling buses.	Sport, Leisure & Recreation (Sport + Recreation)	S & Rec Dev Manager With input from; Communication Officer	High
	5.3	Develop partnerships to develop and fund and sustainable pedestrian and cycling education programs	Sport, Leisure & Recreation (Sport + Recreation)	S & Rec Dev Manager With input from; Road Safety Officer	Medium





**Table 1: On-road bicycle and shared pathway strategy priority actions**

Key Area	No.	Action	Suggested Responsible Lead Council Unit	Suggested Responsible Lead Council Officer	Suggested Priority
	5.4	Support initiatives undertaken by other stakeholders which support the implementation of the on-road bicycle and shared pathway strategy.	Sport, Leisure & Recreation (Future Planning)	Recreation Planner With input from; S & Rec Dev Manager Road Safety Officer Manager Roads & Stormwater Manager Asset Management	High
	5.5	Support initiatives undertaken by other stakeholders which support the implementation of the on-road bicycle and shared pathway strategy.	Sport, Leisure & Recreation (Future Planning)	Recreation Planner With input from; S & Rec Dev Manager Road Safety Officer Manager Roads & Stormwater Manager Asset Management	High
	5.6	Develop a pilot education and awareness program to increase motorist's knowledge and awareness of cyclists.	Community & Cultural Development (Community Development)	Road Safety Officer With input from; S & Rec Dev Manager	High
	5.7	Develop partnerships to provide and suitably locate bicycle racks at commercial centres, key community destinations and public transport nodes.	Sport, Leisure & Recreation (Open Space + Rec)	S & Rec Dev Manager (Manager OS&R) With input from; DAU officers Transport Planner S & Rec Dev Manager Road Safety Officer	High



**Table 1: On-road bicycle and shared pathway strategy priority actions**

Key Area	No.	Action	Suggested Responsible Lead Council Unit	Suggested Responsible Lead Council Officer	Suggested Priority
<b>5 Education &amp; Partnerships Cont'd</b>	5.8	Develop partnerships to provide bicycle racks on buses	Asset Management (Future Planning)	Transport Planner With input from Recreation Planer	Medium
<b>6 Promotion &amp; Programming</b>	6.1	Develop and provide an appropriate level of signage for the network which is easy to understand, designed to current standards, consistent in its implementation and does not cause unnecessary street clutter, in accordance with regulative requirements.	Roads & Stormwater (Open Space + Rec)	Assets Technical Officer (OS&R Technical Officer) With input from Transport Planner DAU officers	High
	6.2	Produce a bicycle and shared pathway network map. Include ease of cycling routes, distance and expected time of circuit, shops, points of interest. Publicise the network map at various locations e.g. Tourism information centre, local newspapers and council news letters etc.	Sport, Leisure & Recreation (Sport + Recreation)	S & Rec Dev Manager With input from; Road Safety Officer Communication Officer	High
	6.3	Distribute bicycle and shared pathway network map, brochures and other information on the Shire website.	Sport, Leisure & Recreation (Sport + Recreation)	S & Rec Dev Manager With input from; Sports Liaison Officer Communications Road Safety Officer	High
	6.4	Develop a code of conduct shared pathways to manage inappropriate use and inform users through appropriate signage.	Roads & Stormwater (Open Space + Rec)	Assets Technical Officer With input from; Communications Officer	High



## 2 PRIORITY SHARED PATHWAY PROJECTS

A review of the off-road shared pathway network identifies a number of missing sections or “gaps between existing pathways”. These gaps limit both the number of destinations and number of people who can access existing shared pathways.

Table 2 identifies the key gaps within off-road shared pathway network which, if completed, would significantly improve connectivity, increase the usability and maximise community use of the existing network. The projects identified in Table 2 are proposed to form Council’s priority shared pathway construction program.

**Table 2: Proposed Priority Shared Pathway Projects**

Link	Suburb	Route	From	To	Length (metres)	\$ Cost / metre	Estimated Cost	Comments
1	Buff Point	Budgewoi Foreshore	Kemp Close	Woodland Pkwy	800 + Bridge	\$250	\$200,000 \$100,000	This link will provide a continuous foreshore shared pathway from Blue Haven to Toukley. Playgrounds, shopping precincts, schools, community facilities and medical facilities are linked via this path.
2	Kanwal	Lake Haven to Wadalba	Walker Ave / Craigie Ave, Kanwal	Pacific Hwy	420	\$250	\$105,000	This link will help to provide a continuous shared pathway from Lake Haven shopping complex to Wyong hospital. Playgrounds, sportsgrounds, reserves, shopping precincts, schools, community facilities and medical facilities are linked via this path.
3	Kanwal	Lake Haven to Wadalba	Pacific Hwy / Craigie Ave	Louisiana Road	700	\$250	\$175,000	This link will help to provide a continuous shared pathway from Lake Haven shopping complex to Wadalba Community school. Playgrounds, sportsgrounds, reserves, shopping precincts, schools and community facilities are linked via this path.



**Table 2: Proposed Priority Shared Pathway Projects Cont'd**

Link	Suburb	Route	From	To	Length (metres)	\$ Cost / metre	Estimated Cost	Benefit
4	Killarney Vale	Eastern Road	90 Eastern Road	186 Eastern Road	1000	\$250	\$250,000	This link will provide a continuous shared pathway from Wyong Rd / Tumbi Rd roundabout to Bay Village shopping complex. Playgrounds, sportsgrounds, reserves, shopping precincts, schools, community facilities, and medical facilities are linked via this path.
5	Killarney Vale	Wyong Road	Wyong Road / Tumbi Road roundabout	Wyong Road / Mingara Drive roundabout	220	\$250	\$55,000	This link will provide a continuous shared pathway from Mingara recreation club to Bay Village shopping complex. Playgrounds, sportsgrounds, reserves, shopping precincts, schools, community facilities, and medical facilities are linked via this path.
6	Killarney Vale	Wyong Road to Tuggerah Lakes Foreshore	Wyong Road / Tumbi Road roundabout	Tuggerah Lake foreshore via Davidson Ave, Ferndale Street, Shaw Street.	360	\$250	\$90,000	This link will provide a continuous shared pathway from Mingara recreation club to the Tuggerah Lakes foreshore pathway and then to Wyong and The Entrance. Playgrounds, sportsgrounds, reserves, shopping precincts, schools and community facilities, are linked via this path.
7	Lake Haven	Lake Haven to Kanwal	Lake Haven Drive roundabout - near Leagues Club	Gorokan Drive, Walker Ave traffic lights	400	\$250	\$100,000	This link will provide a continuous shared pathway from Lake Haven shopping complex to Kanwal primary school. Playgrounds, sportsgrounds, reserves, shopping precincts, schools and community facilities are linked via this path.





**Table 2: Proposed Priority Shared Pathway Projects Cont'd**

Link	Suburb	Route	From	To	Length (metres)	\$ Cost / metre	Estimated Cost	Benefit
8	Lake Haven	Lake Haven to Warnervale	Gorokan Drive, Walker Ave traffic lights	Pacific Hwy / Sparks Road roundabout	460	\$250	\$115,000	This link will provide a continuous shared pathway from Lake Haven shopping complex to Mackillop catholic college. Playgrounds, sportsgrounds, reserves, shopping precincts, schools and community facilities are linked via this path.
9	Lake Munmorah	Lake foreshore to Pacific Hwy	Lake Munmorah foreshore - Dianne Ave	Elizabeth Bay Drive	650	\$250	\$162,500	This link will provide a continuous shared pathway from Chain Valley Bay North and Chain Valley Bay South to Lake Munmorah foreshore. Playgrounds, reserves, shopping precincts, schools and community facilities are linked via this path.
10	Long Jetty	The Entrance Road	The Entrance Road / Yakalla Street	Saltwater Creek Reserve	670	\$250	\$167,500	This link will provide a continuous shared pathway from Bateau Bay to the Tuggerah Lake foreshore/ Saltwater Creek Reserve. Playgrounds, reserves, shopping precincts, schools and community facilities are linked via this path.

