

HORNSBY SHIRE BIKE PLAN
July 2005 Review

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| <i>Version</i> | <i>Date</i> | <i>Author</i> | | <i>Reviewer</i> | |
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| | | <i>Name</i> | <i>Initials</i> | <i>Name</i> | <i>Initials</i> |
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| <i>Revision</i> | <i>July 2005</i> | <i>Jenai Davies</i> | <i>JD</i> | <i>Garry Kennedy</i> | <i>GK</i> |

TABLE OF CONTENTS

| CONTENTS | PAGE NUMBER |
|--|--------------------|
| 1 INTRODUCTION | 1 |
| 2 BACKGROUND | 1 |
| 3. CHANGES TO THE 2004 DRAFT BIKE PLAN | 1 |
| 3.1 <i>New Opportunities and Identified Community Demand</i> | <i>1</i> |
| 3.1.1 <i>Bicycle Circuit Tracks and Linking shared paths</i> | <i>1</i> |
| 3.1.2 <i>BMX Tracks and Bike Park</i> | <i>2</i> |
| 3.1.3 <i>Single Track Circuit or Downhill Mountain Bike Course</i> | <i>2</i> |
| 3.1.4 <i> criterium Circuit</i> | <i>2</i> |
| 3.1.5 <i>CARES Facility</i> | <i>2</i> |
| 3.1.6 <i>Fire Trails and Single Track Sections</i> | <i>3</i> |
| 3.1.7 <i>External Projects</i> | <i>3</i> |
| 3.2 <i>Comments from Stakeholders</i> | <i>3</i> |
| 3.3 <i>Changes due to Completion of Bike Projects</i> | <i>3</i> |
| 3.4 <i>Amendments to 2004 Bike Plan</i> | <i>3</i> |
| 3.5 <i>Changes to Cost Estimates</i> | <i>4</i> |
| 4 FINAL HORNSBY SHIRE BIKE PLAN | 5 |
| 4.1 <i>Types of Cycleways to be provided</i> | <i>5</i> |
| 4.1.1 <i>Shared Bicycle/Parking Lanes</i> | <i>5</i> |
| 4.1.2 <i>Cycle Shoulder Lanes</i> | <i>6</i> |
| 4.1.3 <i>Marked on road Cycle Routes</i> | <i>6</i> |
| 4.1.4 <i>Shared Bicycle and Pedestrian Paths</i> | <i>6</i> |
| 4.1.5 <i>Crossing Facilities</i> | <i>6</i> |
| 4.2 <i>Approval of Managing Authority still to be gained</i> | <i>6</i> |
| 4.3 <i>Cycleway facilities to be provided</i> | <i>6</i> |
| 4.4 <i>Cycling Promotion and Education</i> | <i>7</i> |
| 4.4.1 <i>Hornsby Shire Walking and Cycling Map</i> | <i>7</i> |
| 4.4.2 <i>Bike Skills Workshops</i> | <i>7</i> |
| 4.4.3 <i>Bike Week 2005</i> | <i>8</i> |
| 4.5 <i>End of Trip Facilities</i> | <i>8</i> |
| 4.5.1 <i>Bike Lockers</i> | <i>8</i> |
| 4.5.2 <i>Bike Parking Rails</i> | <i>9</i> |
| 5 PROPOSED IMPLEMENTATION PROGRAM | 10 |
| 5.1 <i>Overview</i> | <i>10</i> |
| 5.2 <i>Council Implementation Program</i> | <i>10</i> |
| 5.2.1 <i>Traffic and Road Safety Branch</i> | <i>10</i> |
| 5.2.2 <i>Assets Branch</i> | <i>10</i> |
| 5.2.3 <i>Design and Construction Branch</i> | <i>11</i> |
| 5.2.4 <i>Environment Division</i> | <i>12</i> |
| 5.2.5 <i>Information Technology Services</i> | <i>12</i> |
| 5.2.6 <i>Planning Branch</i> | <i>12</i> |
| 5.3 <i>RTA Implementation Program</i> | <i>12</i> |
| 6 AVAILABLE SOURCES OF FUNDING | 13 |
| 6.1 <i>Council Funding</i> | <i>13</i> |
| 6.1.1 <i>Internally Restricted Assets</i> | <i>13</i> |
| 6.1.2 <i>Development Contributions</i> | <i>13</i> |
| 6.1.3 <i>General Funds</i> | <i>13</i> |

| | | |
|----------|--|-----------|
| 6.2 | <i>RTA Funding</i> | 13 |
| | 6.2.1 <i>Memorandum of Understanding</i> | 13 |
| | 6.2.2 <i>Repair Program</i> | 14 |
| 6.3 | <i>Other Funding</i> | 14 |
| | 6.3.1 <i>Department of Transport and Regional Services</i> | 14 |
| | 6.3.2 <i>Dept of Infrastructure Planning & Natural Resources</i> | 14 |
| | 6.3.3 <i>NSW Ministry of Transport</i> | 14 |
| | 6.3.4 <i>Department of Environment and Heritage</i> | 15 |
| | 6.3.5 <i>Department of Tourism, Sports and Recreation</i> | 15 |
| | 6.3.6 <i>NSW Environment Protection Authority</i> | 15 |
| | 6.3.7 <i>NSW Health</i> | 15 |
| | 6.3.8 <i>National Parks</i> | 15 |
| | 6.3.9 <i>Clubs NSW</i> | 15 |
| | 6.3.10 <i>Corporate Funding Programs</i> | 16 |
| | 6.3.11 <i>Sponsorship and Donations</i> | 16 |
| | 6.3.12 <i>Works in kind/Community Volunteering</i> | 16 |
| 7 | <i>FUNDING REQUIREMENTS</i> | 16 |
| | <i>REFERENCE MATERIAL</i> | 18 |
| | <i>APPENDICES</i> | |
| | <i>Appendix A - Comments and Responses</i> | |
| | <i>Appendix B - Existing and Proposed Cycle Ways</i> | |
| | <i>Appendix C - Cycleway Works Program</i> | |
| | <i>Appendix D - Hornsby Shire Council Cycling Map</i> | |

1. INTRODUCTION

Bicycle travel should be encouraged because it is a healthy, efficient and non-polluting way to travel. Bicycles are especially suited to trips less than 5 kms and trips up to 20 kms are readily achieved by a rider of average fitness. As many car trips lie within this range bicycles as a mode of transport would result in reducing the dependence on the motor vehicle for trips related to work, education, recreation and shopping. Use of the bicycle for a greater portion of commuter trips would have a positive impact with respect to the environment and community health.

2 BACKGROUND

In March 1997 Council engaged the services of Sinclair Knight Merz, Pty. Ltd. (SKM) to undertake a study to review the 1988 Hornsby Bike Plan. The study involved the community in the revision and updating of the plan and suggested a program for implementation of bicycle facilities throughout the Shire. The revised Bike Plan was formally endorsed by Council in September 1998. The first review of the 1998 Bike Plan was undertaken in 2004 and was reported to Council at the Ordinary Meeting held on 9 June 2004 (Refer to Executive Managers Report No. WK34/04). The last review of the Bike Plan which is documented in this report was undertaken in 2005 and was reported to Council at the Ordinary Meeting held on 13 July 2005 (Refer to Executive Managers Report No. WK42/05). The 2005 Bike Plan review as carried out in consultation with the RTA and staff from the Environment, Planning and Works Divisions.

The Bike Plan proposes a system of cycle ways, cycle paths and cycle trails throughout the Hornsby Shire. It provides a strategy for implementation of identified projects over a 10 to 12 year period. The projects are prioritised in accordance with their significance to developing identified key routes and established community needs.

3 CHANGES TO THE 2004 DRAFT BIKE PLAN

3.1 New Opportunities and Identified Community Demand

Consultation with the community and local cycling groups has identified considerable latent demand for other types of offroad facilities which were not specifically mentioned in the Hornsby Shire Bike Plan (2004). The types of facilities which have been requested are listed below.

3.1.1 Bicycle Circuit Tracks and linking shared paths

Consultation has been undertaken with the Parks Division who will further investigate whether cycleways can be provided in the following parks:-

- Erlestoke Park, Castle Hill (shared path to link Darlington Drive to Whipbird Place)

- Hornsby Quarry (Preferably circuit at least 2km long and wide enough for criterium racing)
- Hunt Reserve, Mt Colah (Bicycle circuit)
- Cowan Oval, Cowan (Bicycle circuit)
- Waitara Oval, Waitara (Bicycle circuit)

3.1.2 BMX Tracks and Bike Park

Bike parks with dirt jumps and BMX tracks have been requested by many locals, particularly schoolchildren. Providing a formal facility may help to reduce potential damage being caused to Bushland Areas through the establishment of unofficial bike parks. The Environment Division is presently considering potential sites for a BMX tracks and Bike Parks. Suggestions for potential sites include:-

- Hayes Park, Galston.
- Pennant Hills Park, Pennant Hills.
- Hornsby Quarry.
- Next to Cheltenham Oval, Cheltenham.
- Behind Foxglove Oval, Mt Colah.
- Anywhere in Cherrybrook.
- Anywhere in Beecroft.

3.1.3 Single Track Circuit or Downhill Mountain Bike Course

For many mountain bikers, riding along firetrails is not sufficiently challenging. There is an unmet demand for a 2 km long circuit of narrow single track or a downhill mountain bike course. There are few potential sites for these facilities apart from Old Man Quarry and parts of bushland or parks where multiple tracks exist allowing separate facilities for pedestrians and riders. Development of these types of bicycle facilities will require assistance from Planning Division and Environment Division.

3.1.4 Criterium Circuit

Many people involved in bike racing feel there is a need for an offroad bike criterium circuit at least 2 km long and off sufficient width to allow passing of several racers at one time. There are few potential sites for such a facility apart from Hornsby Quarry and possibly the old Water Board site at Westleigh should that ever be purchased by Council. Development of bicycle facilities on these sites will require assistance from Planning Division and Environment Division.

3.1.5 CARES Facility

Requests have been made by the community for a CARES facility in Hornsby Shire. These facilities teach road safety and cycling skills to primary aged children and are staffed by NSW Police. Planning Division should be consulted regarding whether there are any possible sites for a CARES facility, and whether this may be able to be incorporated with a criterium circuit.

3.1.6 Fire Trails and Single Track Sections

The Bushlands Section will be further investigating upgrading the following firetrails:-

- Cherrybrook fire trails from Bolderwood Place to Keighran Place, Keighran Place to Josephine Crescent, Patricia Place to Daphne Close, Daphne Close to Shepherds Dve.

The Bushlands Section will also be investigating any possible sections of single track which can be provided to enable a challenging track riding environment as desired by many mountain bikers.

3.1.7 External Projects

Epping Station is currently being upgraded as part of the Epping to Chatswood Rail Link. Due to the upgrade and existing demand for bicycle parking at Epping Station, Transport NSW will be increasing the number of bike lockers provided.

3.2 Comments from Stakeholders

Several comments have been received both during the formal consultation period and afterwards. These comments are summarized in **Appendix A**.

3.3 Changes due to Completion of Bike Plan Projects

Many cycleway projects from the 2004 Bikeplan will have been completed by the end of the 2004/05 financial year. Works which have been implemented include:-

- The Timbarra Cycleway from Timbarra Rd to Bellamy St, Pennant Hills.
- Bellamy St Cycleway from N end of Bellamy St to Thorn St, Pennant Hills.
- A shared cycle path linking Cherrybrook Community Centre to Shepherds Dve through Greenway Park along the SW side of the Cherrybrook shopping Centre.
- A shared cycle path has been constructed from the Seventh Day Adventist Church to Fagan Park entrance in Galston.

3.4 Amendments to 2004 Bike Plan

Additional works which have been included in the bike plan include:-

- A marked advisory cycle route has been included from Epping to Eastwood along Essex St. At the southern end of this route it will be possible to cross Devlin's Creek near Davis Ave and join the existing cycleway in Ryde Council along Vimiera Rd.

Routes which have been altered from the 2004 bike plan include:-

- The Pennant Hills-Hornsby route has been altered from its original route passing along Pioneer Ave, Dartford Rd and through Kenley Park and Kenley

Pines. The original route had difficulties at Dartford Road bridge and was objected to by residents of Kenley Pines. The new route passes along Pennant Hills Rd from Duffy Ave to Dartford Rd and then along a diagonal through Kenley Park to Kenley Rd and utilizes the rail maintenance corridor between Kenley Rd and Denman Pde.

- The Pennant Hills-Hornsby route was also altered from along Yarrara Rd to along Pennant Hills Rd as there was insufficient width and excessive obstructions to providing a shared path along Yarrara Rd.
- The route from Pennant Hills Station to Epping has been altered as the previous route would have involved many pedestrian steps and also would have passed through a section undergoing bush regeneration. This route has been altered to pass along the southern side of Pennant Hills Rd to Lilla Rd and then down Lilla Rd and Wongala Cs N. A short section of connecting shared path would then need to be built from Wongala Cs N to Wongala Cs S utilizing a small section of railway land and then continuing along Wongala Cs S to Copeland Rd.
- The route from Pennant Hills to Cherrybrook has been altered as it was impossible to provide the minimum width requirement for a shared path between Cedarwood Drive and Francis Greenway Drive. An alternative route has been provided along Cedarwood Drive and Casuarina Place which are both quiet roads to link with Frances Greenway Drive through an existing wide pathway. This link has been continued into West Pennant Hills along Cedarwood Drive, across New Line Rd into Bowerman Place.

The following new shared path sections have been added to the 2004 bike plan mainly to ensure that any opportunities for sharing costs are taken advantage of when reconstruction, reinstatement, development or maintenance occurs.

The following sections of shared path along arterial roads which have been identified as a priority by the community:-

- Along Sefton Rd to link Thornleigh with Normanhurst
- Along Sections of Duffy Ave to link with existing sections of shared path
- Along Hastings Rd from Castle Hill to Dural
- Along sections of New Line Rd from Dural to Dural Service Centre
- Along sections of Beecroft Rd to link Cheltenham with Epping
- Along Pacific Highway from Asquith to Mt Kuringai
- Along sections of Galston Rd to link with Hornsby
- Along Pacific Highway from Hornsby TAFE to Asquith

3.5 Changes to Cost Estimates

The cost estimate for many of the works originally proposed in the 2004 Bike Plan have been revised in consultation with Design and Construction Branch.

The following table presents the typical costs per metre to provide certain types of cycleway facilities.

| Type of Facility | Ave Cost (\$ / lin m) of cycleway |
|--|-----------------------------------|
| Advisory bicycle route pavement logos only | 1.5 |
| Advisory bicycle route pavement logos and signage | 2.5 |
| Shared use logos and signage on existing path | 4 |
| Cycle lane or shared parking/bicycle lanes with logos and signage (on existing pavement) | 9 |
| Cycle lane or shared parking/bicycle lanes with logos and signage (with new shoulder seal) | 70 |
| Cycle lane or shared parking/bicycle lanes with logos and signage (shoulder reconstruction) | 125 |
| Widen existing path, logos, signage (1.2m to 2m however only laying an additional 0.8m concrete strip) | 70 |
| Widen existing path, logos, signage (1.2m to 2m however removing old footpath and constructing new) | 205 |
| New shared path, logos, signage (minimal earthworks) | 175 |
| New shared path, logos, signage (significant earthworks) | 270 |
| Kerb ramps | Item 400 |
| Pedestrian and cycle refuges | Item 15000 |

The cost of implementing programs in the bike program is greatly affected by a number of variables.

For off-road paths, the amount of earthworks needed, services to be relocated and trees needing removal can add a significant amount to project costs. A significant factor in the cost of providing shared path facilities goes towards haulage and tipping fees of excavated material. Depending on where the facility is being constructed fees can vary considerably.

4 FINAL HORNSBY SHIRE BIKE PLAN

4.1 Types of cycle-ways to be provided

The types of cycleway routes which will be provided are described below.

4.1.1 Shared Bicycle/Parking Lanes

Shared Bicycle/Parking Lanes are described in Section 5.1.2 of the NSW Bicycle Guidelines. According to these guidelines cycle shoulders may be provided alongside or within a parking lane if the total width of the combined cycle/parking lane is 3.4m (parking lane 2m/bicycle lane 2m width). Given the minimum parking lane width of 2m and travel lane width of 3m, it is generally impossible to install park and cycle shoulders unless the road width is at least 12.8m which is much wider than most roads in Hornsby Shire.

4.1.2 Cycle Shoulder Lanes

These are described in Section 5.1.2 of the NSW Bicycle Guidelines and in Section 4.3.3 of Austroads Part 14. The absolute minimum width of a bicycle shoulder lane is 1.2m.

4.1.3 Marked on road Cycle Routes

These sections shown in the Bike Plan have advisory route signage only and painted bicycle pavement logos and directional arrows where required.

4.1.4 Shared Bicycle and Pedestrian Path

These are described in Section 4.4 and 4.5 of the NSW Bicycle Guidelines and in Section 6.4 of Austroads Part 14. According to these guidelines the absolute minimum shared path width is 2m, the desirable minimum shared path width is 2.5m and on high volume routes shared paths of 3m width are preferred. In practice, there are few roadside verge areas which can accommodate shared paths wider than 2m. Short sections of squeeze points may be encountered around trees and lightpoles. Shared paths may be constructed from concrete, asphalt, crushed sandstone or any other compactable material.

4.1.5 Crossing Facilities

Cycle way facilities require adequate crossing facilities at busy roads. At complex signalised intersections, the preferred treatment often involves bringing cyclists off the road onto a shared pathway in order to cross at pedestrian signals with bicycle lanterns installed to legalise the bicycle crossing. Most bicycle road crossing facilities will be combinations of refuge islands, blister treatments, or lipless kerb ramps depending on traffic volumes and site characteristics.

4.2 Approval of Managing Authority Still to be gained

There are still sections in this Final Hornsby Shire Bike plan which require approval from the appropriate authority. For example, some of the proposed off-road routes pass through land managed by authorities such as State Rail. The use of State Rail Corridors for bicycle facilities is a relatively new concept and will require extensive negotiation with Railcorp. Before becoming established all shared paths and cycle shoulders will require Local Traffic Committee concurrence to be legally recognised as bicycle facilities.

4.3 Cycleway Facilities to be provided

A map showing existing and proposed cycleways within Hornsby Shire is presented in **Appendix B**.

4.4 Cycling Promotion and Education

4.4.1 Hornsby Shire Walking and Cycling Map

A Hornsby Shire Walking and Cycling Map was produced using LA21 Committee funding. The map shows usable on-road and off-road routes with an indication of topography. A copy of the Cycling Map is presented in **Appendix D**. The map and other promotional or educational material will be placed on the Hornsby Council Web Page.

The Hornsby Shire Walking and Cycling Map and other cycling initiatives and activities can be promoted in partnership with the following bodies:-

- Hornsby TAFE.
- Northern Sydney Health Promotion
- Community Health Centres
- Department of Sport and Recreation through programs such as the Active Communities Program
- Bus companies and train stations
- RTA
- National Parks
- Non government organizations and charities
- Local bike shops
- Local primary and high schools and long day care centres.

4.4.2 Bike Skills Workshops

Other promotional activities which will be undertaken include Bike Skill Workshops. Funding has been applied for under the Clubs NSW CDSE scheme for onroad and offroad bicycle skills workshops. Several local schools have indicated that they would be interested in participating in these workshops including:-

- Pennant Hills Public School
- Arcadia Public
- Normanhurst Public
- Glenorie Public
- Our Lady of Help Christian Catholic Primary
- Mount Colah Public
- Hornsby South Public
- Mt Kuringai Public
- Normanhurst West Public
- Galston Public

Should Council prove successful in gaining funding under the CDSE scheme, some time would need to be spent by Council's Bicycle and Pedestrian Officer organizing workshops with appropriate coaches and all required insurance cover.

4.4.3 Bike Week 2005

Bike Week 2005 is to be held from Saturday the 17th to Sunday the 25th of September. As part of Bike Week activities, Council staff will distribute banners and hold an information stall in Hornsby Mall attended by Bike North members. Copies of the Hornsby Shire Walking and Cycling Map will be handed out as well as other educational and promotional information.

4.5 End of Trip Facilities

4.5.1 Bike Lockers

Banners and posters were put at up train stations to ascertain the level of demand for bike lockers and bike rails at each location. The following stations have been identified as needing bike lockers in the short term:-

- Berowra Station (8 lockers)
- Asquith Station (4 lockers)
- Hornsby Station (4 additional lockers)
- Thornleigh Station (8 lockers)
- Pennant Hills Station (8 lockers)
- Beecroft Station (8 lockers)

Hornsby Council has submitted an application to be included in the Ministry of Transport's application for the 2005/06 Cycle Connect Program run by the Department of Environment and Heritage. Under this program Council would be responsible for installation and major maintenance costs which would require approximately \$30,000 worth of funding from either sponsorship or Council funds in 2005/06. Council will soon be advised whether they have been successful in obtaining funding under this program.

The Ministry of Transport's Secure Locker Program provides lockers at train stations at no cost to Council, however under this program no lockers are likely to be provided in the short term with the exception of Epping. Should Council prove unsuccessful in its Cycle Connect submission to DEH, Bicycle NSW can help Hornsby Council advocate to have bike lockers provided under this program.

4.5.2 Bike Parking Rails

Bike Parking Rails will be provided at the following locations:-

| LOCATION | SPECIFIC LOCATION | NO OF SPACES | APPROXIMATE COST (\$) | BIKE PARKING INDUSTRY CODE |
|----------------------------------|--|--------------|-----------------------|----------------------------|
| Asquith Railway W side | To be determined | 4 | 1,100 | BR00R2 |
| Asquith Shops | At front of shops near crossing to railway | 2 | 400 | BR85F |
| Beecroft Shops Various Footpath | In front of Shopping Village on Hannah St and near station on Wongala | 2 times 2 | 700 | BR11F |
| Beecroft Station E Side | To be determined in consultation with Railcorp | 6 | 1,200 | SBR00R3 |
| Beecroft Station E Side | To be determined in consultation with Railcorp | 6 | 1,200 | SBR00R3 |
| Berowra Heights Library (Update) | In front of library | 6 | 1,200 | CBR6SC |
| Berowra Park | Near proposed skate facility | 2 | 400 | BR85F |
| Berowra Shops Various Footpath | Outside C Spot, Turner Rd shops | 2 times 2 | 700 | BR11F |
| Berowra Station | On W side station on park near entrance and also in commuter carpark space | 2 times 10 | 2,000 | CBR178 |
| Brooklyn Park | Near skate park | 2 | 400 | BR85F |
| Brooklyn Shops | In front of Shops near Brooklyn Inn | 2 | 400 | BR85F |
| Brooklyn Railway | To E of station in park owned by Council | 6 | 1,200 | CBR6SC |
| Castle Hill Shops | Oakhill Drive Shops | 4 | 900 | CBR88 |
| Cherrybrook Shops Various | Apple Tree, Cherrybrook Shopping Village | 2 times 2 | 700 | BR11F |
| Community Services Footpath | On George St, Hornsby | 2 | 400 | BR85F |
| Council Admin Building Forecourt | Off Pacific Highway, Hornsby | 6 | 1,200 | CBR6SC |
| Cowan Station | In Railcorp Land on concrete slab | 6 | 1,200 | CBR6SC |
| Epping Shops Various Footpath | In front of Banjo Books on Oxford, Corner store on Pembroke St, North Epping Shops | 3 times 2 | 1,000 | BR11F |
| Epping Library | Update existing racks | 2 times 6 | 2,400 | CBR6SC |
| Epping Pool | Near entrance | 2 times 2 | 700 | BR11F |
| Erlestoke Park | Near Basketball Courts | 2 | 400 | BR85F |
| Edward Bennet Oval | | 2 | 400 | BR85F |
| Fagan Park | Near each entrance | 3 times 2 | 1,000 | BR11F |
| Galston Library | Update existing racks | 2 times 2 | 700 | BR11F |
| Galston Pool | Near entrance | 2 | 400 | BR85F |
| Galston Shops Various Footpath | Where possible, alternatively on other side of road near busstop | 2 times 2 | 700 | BR11F |
| Greenaway Park | Near skate park | 2 | 400 | BR85F |
| Hornsby Heights Shops | At Hornsby Heights shopping village | 4 | 900 | CBR88 |
| Hornsby Shops | On Burdett near Westfield, W Hornsby near Cheesecake shop and bakery | 4 times 2 | 1,600 | BR85F |
| Hornsby Pool (Update) | Parking currently inside pool fence, consider moving outside | 10 | 1,000 | CBR178 |
| Hornsby Station E Side | In overgrown garden bed in carpark, location to be confirmed with Railcorp | 10 | 1,600 | EXPO7510 |
| Hornsby Station W side (Update) | | 10 | 3,200 | EXPO7510 |
| Mills Park | Near entrance | 2 | 400 | BR85F |
| Montview Park | Near bike track | 2 | 400 | BR85F |
| Mt Colah Footpath | Takeaway | 2 | 400 | BR85F |
| North Epping Oval | Near bike track | 2 | 400 | BR85F |
| Normanhurst Station E side | Near entrance | 4 | 900 | CBR88 |
| Pennant Hills Library | At rear of library near disabled access | 6 | 1,200 | CBR6SC |
| Pennant Hills Park | Near Netball Courts, near soccer fields, near Entrance | 3 times 2 | 1,000 | BR11F |
| Pennant Hills Shops Various | Near takeaway shop on Yarrara, opp library | 2 times 2 | 700 | BR11F |
| Rofe Park | Near play area | 2 | 400 | BR85F |
| Ruddock Park | Near tennis courts and BBQ | 2 | 400 | BR85F |
| Hornsby TAFE | Footpath | 2 | 400 | BR85F |
| Thornleigh Station W side | Upgrade Existing racks | 2 times 6 | 1,200 | EXPO7510 |
| Waitara Station N side | Near entrance | 2 | 400 | BR475 |
| Waitara Station N side | Near entrance | 2 | 400 | BR475 |
| Wisemans Ferry Shops Footpath | Near burger shop | 2 | 400 | BR85F |
| Total Cost | | | 40,700 | |

5 PROPOSED IMPLEMENTATION PROGRAM

5.1 Overview

A prioritized program for undertaking works from the bike plan is included in **Appendix C**.

The first priority is the upgrading of existing facilities where further signage/logos or small modifications are needed. The second priority is for on-road and off-road strategic routes for which there is no alternative route available using quiet roads or for routes which provide a link between existing facilities. The provision of warning signage and bicycle safe grates along routes which follow arterial and collector roads is also considered to be a high priority. The third priority will be to widen existing narrow off-road paths that are not as strategically important, many of these routes have been included in the Bike Plan so incorporated into future footpath reconstruction or upgrades programs. The last priority will be for shoulder widening along recreational routes.

Having stated these priorities, any opportunities for incorporating cycleway works into another program should always be taken advantage of when sufficient funding is available due to the considerable cost savings involved. For this reason a pool of restricted asset money is requested each year to link Bike Plan works with other unscheduled programs.

5.2 Council Implementation Program

In order for the bike plan to be implemented, all sections of Council need to work together to ensure the improvement of cycling opportunities within Hornsby Shire.

5.2.1 Traffic and Road Safety Branch

The Traffic and Road Safety Branch has employed a Bicycle and Pedestrian Officer who is involved in overseeing the implementation of the Final Hornsby Shire Bike Plan (2005). The Bicycle and Pedestrian Officer has been involved in managing cycle facility programs, locating funding, and producing the Bike Map and other promotional materials.

5.2.2 Assets Branch

Assets Branch manages separate programs for signage, drainage, pavement maintenance, shoulder maintenance and footpath maintenance and construction. From the adopted bike plan, a prioritised list of works will be produced for inclusion in each of these separate programs. There are also restorations works undertaken periodically on a needs basis. Where works cannot be accommodated in the programs managed by each of these sections, works may need to be undertaken by an external contractor and funding taken entirely from the Councils Bicycle Facilities Program.

Signage

Signage will be installed on an area wide, or route by route basis. As works are completed along each route the appropriate warning, regulatory and route signage will be installed.

Grates

The installation of bicycle safe grates is only considered a priority along roads where cyclists are expected to be forced into the gutter due to inadequate lane or shoulder width. In the short term, a list will be sent to Assets Branch listing locations where Durham style slotted grates need to be turned around so that the slots are perpendicular to the direction of travel. A list of bicycle safe grates which should be replaced as soon as possible will be forwarded separately. Bicycle safe grate should be installed whenever a new grate is needed to replace an existing bicycle unsafe grate for maintenance or drainage reasons.

Pavement

A list of road sections which require resurfacing for bicycle use will be forwarded to the relevant Pavements Engineer for inclusion in future programs.

Shoulders

A list of shoulder sections which require maintenance or upgrading will be forwarded separately for inclusion in councils shoulder maintenance and improvements program. Key sections of shoulder which require sealing include along Royston Pde, Berowra Waters Rd in Berowra Heights and in rural areas.

Footpath maintenance and construction

A list of new footpaths/shared paths requiring construction will be forwarded to the Assets Branch for inclusion in the rolling 5 year footpath upgrading program. All new and reconstructed footpaths along arterial and subarterial roads identified in this plan as cycle routes should be constructed to 2m width to accommodate both pedestrians and bicycles more comfortably.

All new and reconstructed footpaths forming transitions at intersections identified in this bike plan should be constructed to 2m width to accommodate both pedestrians and bicycles.

5.2.3 Design and Construction Branch

The Design and Construction Branch is responsible for the detailed design and construction of on-road and off-road cycle facilities. From the finalised bike plan, work requests will be submitted to the Design and Construction Branch at least four months before funding submissions are due. In order to do this, a set amount of the cycle budget needs to be allocated towards design costs each year.

Traffic and Road Safety Branch will continue to liaise with the Design and Construction Branch to ensure that when works are being carried out under various programs such as REPAIR or Roads to Recovery that these projects include cycle provision if relevant.

5.2.4 Environment Division

Greater participation in cycling within Hornsby Shire is aligned with many of the goals of the Environment Division such as reducing air pollution and reducing car dependence.

The Environment Division are investigating possible sites for bike parks within Hornsby Shire. The Parks and Landscape Team have been consulted with to try to establish any further opportunities for establishing bicycle circuit tracks and bicycle links through Parks. Bushlands and Biodiversity Team have been consulted with to try to establish firetrail and single track sections which link with the onroad cycleway network or provide good recreational opportunities.

The LA21 Committee is funding the production of a Hornsby Shire Cycling and Walking Map.

5.2.5 Information Technology Services

Information Technology Services will play an important role in allowing the Hornsby Shire Bike Map and other cycling information to be posted on the Hornsby Council web page. Council's Bicycle and Pedestrian Officer is preparing the information.

5.2.6 Planning Branch

The Planning Branch will be forwarded a copy of the Final Hornsby Bike Plan so that future amendments to area DCPs and masterplans can incorporate these proposed works.

There is still work to be done with the Planning Branch in changing the Car Parking DCP to a Transport DCP which will incorporate all transport modes including cycling. The Transport DCP should also include Bike Parking Provision rates as per Austroads Part 14 (1993).

5.3 RTA Implementation Program

The RTA is responsible for onroad cycle facilities along RTA roads and at all signalised intersections. There are also several sections with inadequate space provided for an offroad footpath or cycleway where the RTA would also be partially responsible for ensuring adequate offroad width is available. A list of proposed projects from the attached Final works program will be forwarded to the RTA.

6 AVAILABLE SOURCES OF FUNDING

6.1 Council Funding

6.1.1 Internally Restricted Assets

Funds which were available from an internally restricted asset for Council's Cycleway program have already been allocated to various projects in design or due for construction.

6.1.2 Development Contributions

At present, \$105,000 is available from the 2004-2010 Development Contributions in advance of sufficient actual contributions being made. If the full population is realised then \$275,340 will become available as developments occur over this period. This amount accounts for only 6.97% of \$5,354,745 million total funds which were estimated to be required for cycleways in the last update of the Section 94 Contributions Plan. The total costs included in the Section 94 Contribution Plan included \$423,000 project management costs and \$698,445 contingency costs. Further money from Development Contributions may be available if the system used to apportion costs matched the model used for parks and open space developments (i.e. a certain amount of cycleway spending is deemed necessary for each new development as a proportion of the total amount of cycleway spending over the entire Shire). The projects and cost estimates included in the 2004-2010 Development Contributions Plan need to be revised upon adoption of the changes included in this Final Hornsby Bike Plan. If contributions are levied on a similar basis, it should be possible to gain a similar level of Development Contribution funds between 2011-2017. Further work also needs to be done on identifying Section 91 projects requiring direct contributions towards infrastructure costs for particular subdivisions to occur.

6.1.3 General Funds

The amount of general funds required per year for implementation of the Bike Plan will be refined in the final review of the Bike Plan. At this stage, it is recommended that \$150,000 each year be provided towards Bicycle Plan implementation from general funds. It is recommended that \$50,000 of this is non project specific funding to enable a certain number of projects to be designed before matching funding has been provided and to allow unspent RTA funding to be utilised when available.

6.2 RTA Funding

6.2.1 Memorandum of Understanding

The RTA allocates funding to Council according to a Memorandum of Understanding (MOU). Full cycleway funding is only available for regional bike routes. The only identified regional route identified in Action for Bike 2010 is the South Turrumurra to Hornsby route. This project is not due for construction until 2009 and exact route details are not yet available. Other cycle facilities including new and improved cycleways, bicycle parking and replacement of bicycle unsafe grates are only allocated funding from the RTA on a dollar for dollar basis. Money is also available

for bicycle use support including bicycle use promotion on a dollar for dollar basis. Funding is also available on a dollar for dollar basis for traffic calming and pedestrian facilities and where appropriate these projects should include cycleway provision.

6.2.2 Repair Program

Funding is also available under the REPAIR program for specific works by Council on regional roads as recommended by the RTA Consultative Committee. When relevant these projects should include cycleway provision.

6.3 Other Funding

6.3.1 Department of Transport and Regional Services (DOTRS)

The Roads to Recovery program is administered by DOTRS. Full funding is available as a one off grant towards construction, upgrade or maintenance of roads including signage, lighting, bridges, tunnels or bikepaths. Hornsby Shire Council was given \$2,601,650 total from Jan 2001 to 30 Jun 2005 of which \$1,974,000 has already been spent (according to DOTRS website). This program will be continued after 2005. It is hoped that at least \$300,000 from Roads to Recovery funding over each five year period can be dedicated to implementation of the Bicycle Plan.

6.3.2 Department of Infrastructure Planning and Natural Resources

The Metropolitan Greenspace program provides funding on a dollar for dollar basis for projects such as walking or bike trails, bush regeneration, interpretative signage and landscaping. The Metropolitan Greenspace program gives particular priority to regional trails. There is however also funding available for other cycleways providing recreational opportunities through parks and bushland, particularly along waterways. DIPNR has recently released its Regional Recreational Trails Strategy (2005). Regional Recreational Trails in Hornsby Shire which may be able to be developed as cycleways include:-

- Northern Sydney Regional Recreational Trail No. 3.10 (Thornleigh to Castle Hill to Cattai Creek). This could possibly include a cycleway along Yarrara Rd and Pennant Hills Rd to Thompsons Corner and then a cycleway along Castle Hill Rd to Old Northern Rd)
- Northern Sydney Regional Recreational Trail No. 3.12 (Great North Walk to Coastal Walkway Trail). This could possibly include an offroad cycleway from the Great North Walk near the junction of the Lane Cove River and Devlins Creek down to the junction of Devlins Creek and the M2.

6.3.3 NSW Ministry of Transport (MOT)

The provision of lockers under the Secure Bicycle Locker Program is managed by the NSW Ministry of Transport. Full funding is available for the installation of bike lockers at key transport nodes. Within the Hornsby Shire, the only sites guaranteed of additional lockers under this program are at Epping Station.

6.3.4 Department of Environment and Heritage (DEH)

The Cycle Connect Program managed by the Department of Environment and Heritage provided funding for bike lockers however all other installation and maintenance costs to be covered by the applicant. Hornsby Council submitted an application for the 2005-06 financial year for bike lockers at the following locations:-

- Berowra Station (in Railcorp owned commuter carpark) 6 double key lockers (12 bikes)
- Pennant Hills Station (Council owned land), 2 double key lockers (4 bikes)
- Beecroft Station (in RailCorp owned commuter carpark), 3 double key lockers (6 bikes)
- Thornleigh Station (in RailCorp owned commuter carpark unused land), 2 double key lockers (4 bikes)
- Hawkesbury River Station (Council owned land), 1 double key lockers (2 bikes)
- Hornsby Council will soon receive notification from DEH as to whether they have been successful in their bid. Should this submission be successful, should this be the case approximately \$30000 will need to be allocated towards the installation of bike lockers at these locations.

6.3.5 Department of Tourism, Sports and Recreation (DOTSR)

The Capital Assistance Program managed by DOTSR provides a maximum of dollar for dollar contribution for projects which provide recreational benefit. Matching funding needs to be available to start projects immediately.

6.3.6 NSW Environment Protection Authority

The Clean Air Fund Grant Program managed through Environmental Trust provides funding for projects such as transport management around schools, transport access guides and promotion of sustainable transport.

6.3.7 NSW Health

Funding is soon expected to become available through programs developed by NSW Health to combat child obesity.

6.3.8 National Parks

National Parks have indicated that they are willing to work in partnership with Council on cycleway projects in National Parks.

6.3.9 Clubs NSW

Clubs NSW have a certain amount of funding available each year under its CDSE scheme. The amount of funding available is generally less than \$10000 per annum.

6.3.10 *Corporate Funding Programs*

There are numerous corporate funding programs which can be applied for. Most funding is not available for capital works but rather education and promotional activities.

6.3.11 *Sponsorship and Donations*

The amount of money which may become available from this source is highly unpredictable, but realistically it can not be hoped to be more than about \$10,000 per year. Possible means of sponsorship include allowing individuals or companies to place their logos on Bike Rails and Bike Lockers. It may also be possible to charge a fee for individuals or companies to create stencils which can be painted or placed onto wet concrete as pigment in order to leave a picture or logo. A suggested fee is \$55 including GST per stencil placed onto a bicycle path. It may also be possible to get sponsorship from local bike shops and bike groups, particularly for reprints of the Hornsby Shire Bicycle and Walking Map.

6.3.12 *Works in kind/ Community Volunteering*

Many people from the community have expressed interest in helping to create cycle facilities. Local mountain biking clubs and BMX riders have expressed some interest in helping to sections of single track, downhill racing circuits and bike parks. Possible assistance could be given to Council with earthworks, bush regeneration and track establishment and maintenance where required. For simple sections of footpath, cost savings may be made by using volunteer community members under supervision. This model was used by Baulkham Hills Council and it provided considerable cost savings.

7 FUNDING REQUIREMENTS

A preliminary cost estimate for the proposed works program is included in Appendix B. Note that many of these costs are dependent upon further investigation by the Design and Construction Branch and will need to be revised before the final review of the Bike Plan is released.

It is requested that at least \$150,000 be provided from Council general funding in 2005/06. Of this money, approximately \$15,000 will be spent on undertaking preliminary designs to enable Railcorp to assess proposed routes and for funding submissions to be prepared to the standard required by the RTA and others. Another \$25,000 will be set aside in a restricted asset to allow cycleway programs to integrate with other Council programs. \$30,000 will be spent on installing Bike Lockers at railway stations should Hornsby Council be successful in its Cycle Connect submission. \$12,500 will be used to install bike parking in areas of high demand. \$67,500 will be available for general cycleway projects. It should be noted that by integrating cycleway programs with footpath reconstruction and updating programs it is possible to secure 50:50 funding from the RTA which is not available for standard footpaths. Therefore although the required level of funding may sound high, it is not

unreasonable considering the funding levels of surrounding Council's on footpaths and cycleways.

It is requested that \$60000 each year be set aside from 2005-2009 Roads to Recovery program towards Cycleway programs. If this level of funding is not met, it will not be possible to meet the community's demands a safe, continuous Cycleway network for at least another thirty years. A total of approximately \$4 million is needed to undertake Council's component from the program of works within the 2005 Hornsby Shire Bike Plan. If Council were to provide \$125,000, matching funding of up to \$125,000 may be provided by State and Federal agencies.

In order to achieve completion of the high to medium priority works from the Bike Plan within a 10 to 12 year period it will be necessary for Council to direct at least \$300,000 from the 2005-2009 Roads to Recovery program towards Cycleway programs. Approximately \$17,500 to \$55,000 of funding may be available from 2004-2010 Section 94 Development Contributions each year depending on the rate of new developments. It may be possible to raise additional money each year from corporate sponsorship and donations however this amount is likely to be negligible. Assuming that the required amount of Council funding was provided and the maximum amount of external funding was raised, a total of \$455,000 would be available for spending on the Cycleways program each year. Given realistic expectations of the amount of external funding which may be provided it is more likely that a total of \$352,500 be would available for spending on the Cycleways program each year.

REFERENCE MATERIAL

Applicable bicycle guidelines and policies include:-

- Austroads, Guide to Traffic Engineering Practice, Part 14- Bicycles (1999). The main implication of these guidelines is the width requirements for cycleway facilities.
- International Mountain Biking Association (2004), Trail Solutions- IMBA's Guide to building sweet singletrack. This provides guidelines of construction methods for offroad singletrack.
- RTA, NSW Bicycle Guidelines (2003). The main implication of these guidelines is the width requirements for onroad facilities.
- RTA, Action for Bikes, BikePlan 2010 (1999). This is document outlining the RTA implementation scheme for regional routes within New South Wales and Sydney. According to this document, full RTA cycleway funding is only available for the South Turrumurra to Hornsby route.
- RTA, Technical Direction TD99/30- Bicycle Parking (1999). This technical direction establishes best practice in providing bicycle parking and end of trip facilities.
- RTA, Traffic Management Policy P00/1- RTA Bicycle Policy-Grates (2000). This policy provides direction on replacement of grates with bicycle safe grates.
- RTA, How to Prepare a Bike Plan- an Easy Three Stage Guide (2002).

APPENDIX A

COMMENTS AND RESPONSES

| COMMENTS ON CYCLEWAY NETWORK | RESPONSE TO CYCLEWAY NETWORK COMMENTS |
|--|---|
| Requested a cycleway be provided along the old Zig Zag railway in Thornleigh. | This was not considered feasible due to the large cost involved and the less strategic purpose of the route. |
| Objected to the proposed route through Kenley Pines along the public pathway because of security and litter concerns. | This link was removed from the Bike Plan and an alternative route provided along the railway maintenance tracks between Kenley Rd and Denman |
| Requested a cycle path from Macquarie Drive to Cherrybrook Pool. | This link has been included in the revised Bike Plan, however given less priority than other routes |
| Requested a family cycle facility in the Old Man Quarry. | This has been incorporated into the Final Bike Plan. Will need to be incorporated into Hornsby Quarry Masterplan and DCP. |
| Requested a bicycle path along Galston Rd from Galston High to Mid Dural School | This has been incorporated into the Final Bike Plan. |
| Requested a bicycle path along Carters Rd in Galston | This was not incorporated into the Final Bike Plan due to expense and expected low level of usage |
| Requested more crossing points on the Pacific Highway, | Not incorporated into Final Bike Plan due to uncertainty of location being requested. |
| Requested more places for mountain biking and possible involvement of locals in funded trail construction days/weekends. | Has been included in Final Bike Plan |
| Requested more skateboard ramps | Has been included in Final Bike Plan |
| Requested bike lanes on Pacific Highway south of Hornsby | It is not possible to provide bike lanes on the Pacific Highway south of Hornsby unless parking is restricted on both sides therefore this has not been included in Bike Plan. Quieter alternative routes have been provided where possible |
| Requested that bike lanes be constructed to a continuous width and be well maintained. | Implementation of Bike Plan should ensure this occurs, already a regular street sweeping program. |
| Requested an offroad bike connection from Wahroonga towards Sydney Harbour | Included in the Final Bike Plan where possible with connection to Hewitt Ave and along Hornsby to Pennant Hills and Marsfield route |
| Requested more bike lanes along the back route from Hornsby to Pennant Hills | This has been incorporated into the Bike Plan through cycle lanes wherever possible along The Esplanade, there is not sufficient space to provide cycle lanes at other locations along this route. |
| Requested more bike paths in front of stores. | Bike paths in front of shops are generally not considered appropriate due to potential conflict with pedestrians. |
| Requested more cycle lanes along Malsbury Rd and more signage in general. | Malsbury Rd is not suitable for cycle lanes along both sides of the road due to inadequate width. |
| Requested a cyclepath along the Comenarra Parkway. | Not possible due to economic constraints, cycle shoulder more appropriate |
| Requested footpaths on Beecroft Rd and Sutherland Rd to be made legal to cycle on (ie made into shared paths) . | Have been incorporated where appropriate into the Bike Plan. |
| Requested more bicycle lanes along the Pacific Highway and linking to Bobbin Head. | Not sufficient width for bike lanes along Pacific Highway from F3 to Asquith, cyclelanes to be provided along Royston Pde |
| Requested an offroad sealed circuit at least 2km long for use by racing clubs and the general public. | Has been included in Final Bike Plan |
| Requested improvements to the link from Hornsby to Kuringai Chase Rd | Included in the Final Bike Plan with additional shared path link to Kuringai Chase Rd near F3. |

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| Requested bike lanes along the Pacific Highway at Asquith and the junction of the F3 and Pennant Hills Rd. | The RTA has been consulted with however they do not think sufficient width is available to provide cycle shoulders on the west side of Pacific Highway at Asquith. |
| Requested bike lanes on Pacific Highway south of Hornsby to link with F3 | It is not possible to provide bike lanes on the Pacific Highway south of Hornsby unless parking is restricted on both sides therefore this has not been included in Bike Plan. Quieter alternative routes have been provided where possible |
| Requested improvements to Boundary Rd, New Line Rd, Castle Hill Rd and Beecroft Rd. | Where possible included in the Final Bike Plan |
| Requested more bicycle lanes along the Pacific Highway and Berowra Waters Rd. | Incorporate into Bike Plan along Berowra Waters Rd, not generally possible along Pacific Highway. |
| Requested better links from Thornleigh to Hornsby Shops and Cherrybrook. | Included in the Final Bike Plan |
| He also requested feeder cycleways onto Bellamy/Timbarra eg Edmondson Cl. | This link somewhat duplicates the Timbarra cycleway, therefore it has been left out of the Final Bike Plan. |
| Requested a bike map be produced showing suggested bicycle routes. | Hornsby Cycling and Walking Map currently being designed, close to production, incorporated into Final Bike Plan. |
| Requested more bicycle lanes in Epping and bike paths and additional crossing points along Epping Rd and Carlingford Rd. | Cannot incorporate additional bike lanes in Epping due to insufficient road width, |
| Requested shared paths and additional crossing points along Epping Rd and Carlingford Rd. | Shared path along Carlingford Rd not included due to duplicating cycleway in Parramatta Council and expense, only a short section included long term project Unlikely to gain additional crossing points across either road. |
| Requested more cycleways | Cycleway through Pennant Hills Public Land provided as key strategic link, further consultation with Dept of Education needed. |
| Requested a footpath/cycleway along Arcadia Rd for schoolchildren | Incorporated into Final Bike Plan as crushed sandstone path |
| Requested a cycle path along North Rocks Rd. | Incorporated into Final Bike Plan |
| Requested more bicycle paths along Galston Rd in Hornsby Heights. | Bike Lanes already incorporated into Final Bike Plan, additional shared path sections added |
| Requested more bike tracks in Mt Colah, particularly in Hunt Reserve. | This request has been forwarded to Parks Division |
| Requested more crossing points along Galston Rd . | Where possible included in the Final Bike Plan |
| Requested a local version of a CARES facility | Has been included in Final Bike Plan as a potential project to be pursued by Council's Traffic and Road Safety and Parks Division |
| Requested a skate park or bike park near Mt Colah. | Environment Division to assess possible locations for Bike Parks including behind Foxglove Oval |
| Requested a bike track in the park behind Foxglove Oval. | Environment Division to assess possible locations for Bike Parks including behind Foxglove Oval |
| Requested a skate park or bike park. | Environment Division to assess possible locations for Bike Parks including Hayes Park |
| Requested improvements to the road surface along Galston Rd and Crosslands Rd | Improvements to road shoulder have been incorporated into Bike Plan. |
| Requested a skate park. | Environment Division to assess possible locations for Skate and Bike Parks including Hayes Park |
| Requested more places to cross Pennant Hills Rd | Few potential sites for providing improved crossing points across Pennant Hills Rd. |
| Requested a skate park. | Environment Division to assess possible locations for Skate and Bike Parks |
| Requested a safe cycle route from Galston to Beecroft. | Incorporated into Final Bike Plan |

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| Requested more dirt tracks in Cherrybrook. | Bushlands and Biodiversity Team to look at proving improved bike track opportunities. |
| Requested a better quality road surface along John Rd | Request forwarded to Council's Asset Branch |
| Requested more bike tracks and skate parks. | Environment Division to assess possible locations for Skate and Bike Parks |
| Requested more dedicated bush riding tracks in West Pennant Hills. | Bushlands and Biodiversity Team to look at proving improved bike track opportunities. Not many possible in West Pennant Hills |
| Request more cycle paths and lanes in West Pennant Hills. | Where possible included in the Final Bike Plan |
| Requested more cycle lanes along Carters Rd | Not included into Final Bike Plan due to expense involved for small population |
| Requested more cycle paths along Galston Rd, | Incorporated into Final Bike Plan |
| Requested more firetrails | Bushlands and Biodiversity Team to look at proving improved bike track opportunities. |
| Request Hunt Rd to be joined to Vineys Lane | Will consult with Bushlands to see if this can be provided as a maintained |
| Requested a skate/bmx park/bike park with jumps which people can build on Council land in Pennant Hills or Beecroft. | Environment Division to assess possible locations for Skate and Bike Parks including Pennant Hills Park. |
| Requested cycle lanes or cycle paths from Asquith to Montview Oval. | Incorporated into Final Bike Plan to Somerville |
| Requested a safe place to cross the road at Pearces Corner | Cannot be improved therefore not incorporated into Final Bike Plan |
| Requested more cycle paths of cycle lanes along Pennant Hills Rd. | Where possible included in the Final Bike Plan |
| Requested a safe place to cross the Road at New Line Rd and County Dve. | Already incorporated into Final Bike Plan, dependent on RTA or federal blackspot funding |
| Requested a skate park and more trails for bikes. | Environment Division to assess possible locations for Skate and Bike Parks |
| Requested more cycle paths in North Epping. | Not incorporated into Bike Plan due to low traffic volumes along road compared to other areas of higher priority |
| Requested more cycle paths from Pennant Hills to Epping. | Already incorporated into Final Bike Plan |
| Requested more downhill mountain biking tracks near Cherrybrook | Environment Division to assess possible locations for downhill mountain biking track |
| Requested cycle track from Cowan to Berowra | Inadequate width to provide cycle path along Pacific Highway therefore not included in Final Bike Plan |
| GENERAL COMMENTS | RESPONSE TO GENERAL COMMENTS |
| Maintaining roads clear off debris | Council already has a three month rotating street sweeping program, maintenance crew will not generally sweep streets unless there is a particular |
| Ensuring cars do not park in cycle lanes. | There are no legally established bicycle lanes in Hornsby Shire therefore it is no illegal to park inside cycle shoulders providing adequate width. |
| Suggested several formatting changes to the Bike Plan | Formatting changes made to Final Bike Plan |
| Sought clarification on the type of Bike Parking to be provided at railway stations and near Westfield Hornsby. | Additional Bike Racks will be provided in Florence St Hornsby and on Burdett St near Westfields |
| Suggestions on how to promote and educate about cycling | Council already has a three month rotating street sweeping program, maintenance crew will not generally sweep streets unless there is a particular |
| Suggestions on how to encourage cycling including bike racks on buses, better integration of bike plan with planning | Where possible included in the Final Bike Plan, bus companies contacted to fit bus racks to front of buses. |
| Suggestions on funding opportunities including Dept Health Child Obesity funding, national parks and local businesses | Where possible included in the Final Bike Plan |

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|---|---|
| Suggestions on how to encourage equity through cycling ie by encouraging businesses to hire bikes, ensuring bike paths in rural areas | Where possible included in the Final Bike Plan |
| Supported the Draft Hornsby Shire Bike Plan. No comments or objections were received from other sections of Council. | Where possible included in the Final Bike Plan |
| Requested more "Share the Road" signage. | Incorporated into Final Bike Plan |
| Requested more air pumps at service stations. | Service Stations have been contacted to check whether air pumps provided. |
| Suggested establishing cycle tours of the local area. | Not incorporated into Bike Plan at this stage however a good idea. |
| Requested more organised rides and triathlons. | Promotional activities to include organised rides |
| Requested more bicycle days at primary schools. | Have been incorporated into the Bike Plan and preliminary work undertaken to establish workshops. |
| Further work be done in improving intersections for cyclists | Where possible included in the Final Bike Plan |
| REQUESTS FOR BIKE PARKING | ACTION/RESPONSE |
| Requested bike parking at Beecroft Shops | Incorporated into Final Bike Plan |
| Requested Bike Parking Rails at Epping Station and Nth Epping Shops | Incorporated into Final Bike Plan |
| Requested more bike parking and more bicycle lanes near Hornsby Westfield. | Incorporated into Final Bike Plan |
| Requested bike parking at Mills Park in Asquith. | Incorporated into Final Bike Plan |
| Requested bike parking at Galston Shops. | Incorporated into Final Bike Plan |
| Requested more bike parking at Epping Station, Banjo Books, Cornerstore on Pembroke St and North Epping Shops. | Incorporated into Final Bike Plan |

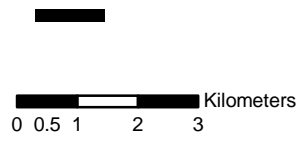
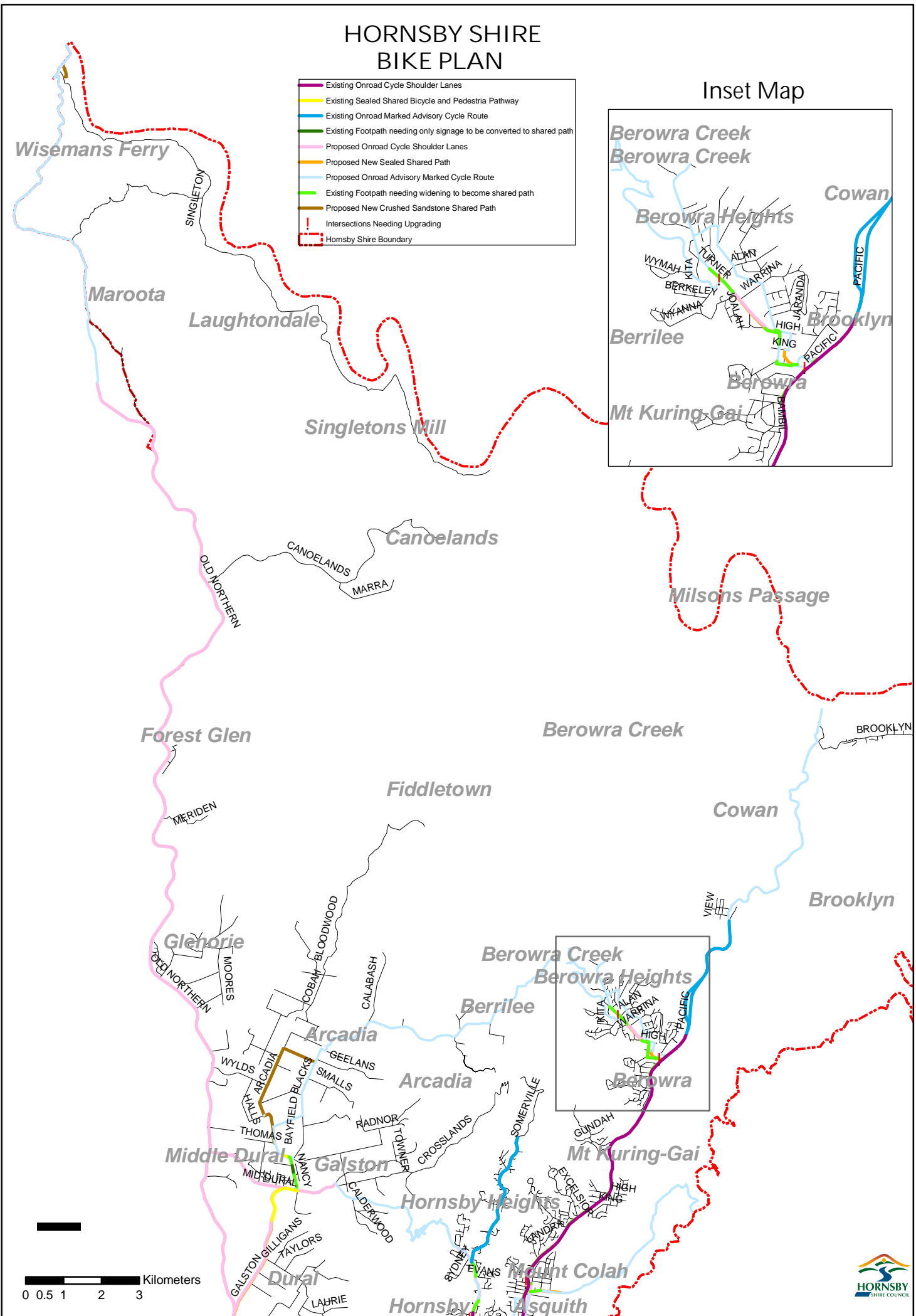
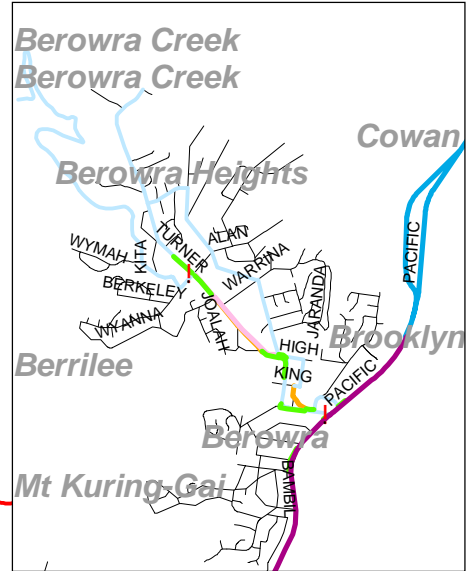
APPENDIX B

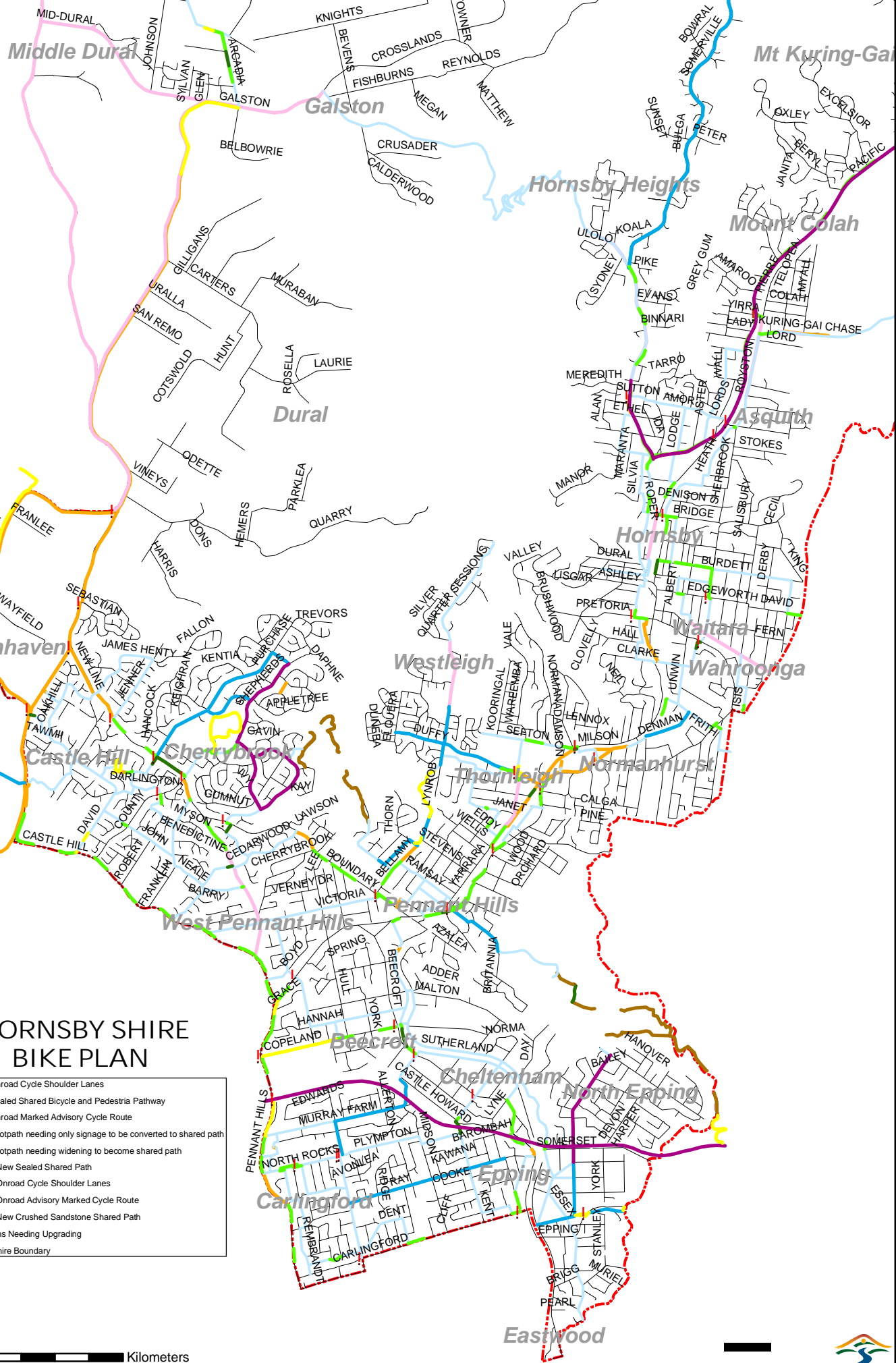
**EXISTING AND
PROPOSED CYCLE WAYS**

HORNSBY SHIRE BIKE PLAN

- Existing Onroad Cycle Shoulder Lanes
- Existing Sealed Shared Bicycle and Pedestria Pathway
- Existing Onroad Marked Advisory Cycle Route
- Existing Footpath needing only signage to be converted to shared path
- Proposed Onroad Cycle Shoulder Lanes
- Proposed New Sealed Shared Path
- Proposed Onroad Advisory Marked Cycle Route
- Existing Footpath needing widening to become shared path
- Proposed New Crushed Sandstone Shared Path
- - - Intersections Needing Upgrading
- - - Hornsby Shire Boundary

Inset Map





HORNSBY SHIRE BIKE PLAN

- Existing Onroad Cycle Shoulder Lanes
- Existing Sealed Shared Bicycle and Pedestria Pathway
- Existing Onroad Marked Advisory Cycle Route
- Existing Footpath needing only signage to be converted to shared path
- Existing Footpath needing widening to become shared path
- Proposed New Sealed Shared Path
- Proposed Onroad Cycle Shoulder Lanes
- Proposed Onroad Advisory Marked Cycle Route
- Proposed New Crushed Sandstone Shared Path
- Intersections Needing Upgrading
- Hornsby Shire Boundary

0 0.2 0.4 0.8 1.2 1.6 2 Kilometers



APPENDIX C

CYCLEWAY WORKS PROGRAM

| From | To | Along | Type of Cycleway facility to be provided | Length (m) | Estimate (\$) |
|---|--|---|---|------------|---------------|
| CYCLEWAY PROJECTS SCHEDULED FOR 2005-2007 | | | | | |
| Copeland Rd | Hannah St | Rorke St | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 185.61 | 278.42 |
| Lyne Rd | Beecroft Rd | The Crescent | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 1335.57 | 3,338.92 |
| Sutherland | Derby | Existing Footpath through culvert | Culvert needs clearing, kerb ramps and signage to be established as shared path | 89.54 | 2,000.00 |
| Wongala | Sutherland | Copeland | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 95.73 | 239.33 |
| Wongala Cs | Sutherland | Chapman | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 67.41 | 168.53 |
| Pennant Hills Rd | Orchard Rd | Murray Farm Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 826 | 2,065.00 |
| Berowra Waters Rd | Warrina | Hillcrest Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 634.7 | 952.05 |
| King St | High St and Berowra Waters Rd | King, Boundary and High St | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 407.28 | 610.92 |
| King St | Side of Hall | Path being built by Parks to link with Berowra Waters Rd near Gully | New section of at least 2m wide shared bicycle/pedestrian path | 85 | 14,875.00 |
| Arcadia | Arcadia | Berowra Waters Rd W side | New section of at least 2m wide shared bicycle/pedestrian path | 288.4 | 50,470.55 |
| Berowra Oval Path | Gully | Berowra Waters Rd N side | Existing footpath to be widened to 2m shared path | 58.96 | 12,088.33 |
| Hillcrest Rd | High St | Berowra Waters Rd N side | Existing footpath to be widened to 2m shared path | 70.12 | 14,375.45 |
| Right of way near RSL | Pedestrian Lights near Berowra Station | Pacific Highway W side | Existing footpath to be widened to 2m shared path | 70.3 | 14,411.87 |
| Berowra Waters Rd | Pacific Highway | Gully Rd and right of way to RSL club | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 304.67 | 457.01 |
| Hillcrest Rd | Pacific Highway | Berowra Waters Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 840.56 | 1,260.84 |
| Alan Rd | N End Turner Rd | Turner Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 1767.48 | 2,651.22 |
| Warrina | Elizabeth | Woodcourt | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 1058.11 | 1,587.17 |
| Turner Rd | Woodcourt Rd | Elizabeth | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 355.16 | 532.74 |
| Belmont | Myall | Kuringai Chase | Sealed onroad cycle shoulder lane | 529.23 | 66,153.88 |
| Myall | Bobbin Head | Kuringai Chase Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos and "Watch for Cyclist Signage only | 6361.42 | 15,903.56 |
| Belmont | Myall | Kuringai Chase | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos and "Watch for Cyclist Signage only | 529.23 | 1,322.50 |
| Ray | North Rocks Rd | Pennant Pde | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 346.66 | 866.66 |
| Ray Rd | North Rocks Rd | Pennant Pde | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 572.74 | 1,431.86 |
| Pennant Pde | Pennant Hills Rd | North Rocks Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only, Cut splits into kerb blisters | 906.8 | 17,500.00 |
| Ray | Carlingford | Pennant Pde | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 655.85 | 1,639.64 |
| Woodgrove Rd | Westminster | David Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only, Shoulder Maintenance | 659.92 | 989.88 |
| Pathway off Country Dve | David Rd | Haven | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 263.13 | 394.70 |
| David Rd | Darlington | Woodgrove | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 206.84 | 517.11 |
| End Merriwa | Darlington Dve | Merriwa | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 132.81 | 332.03 |
| Treetops | Woodgrove | David | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 569.89 | 1,424.73 |
| Shared Pathway off Castle Hill Rd | Mowll Village Driveway | David Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 144.88 | 362.22 |
| Chiswick | Woodgrove | Darlington | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 273.43 | 683.58 |
| Westminster | David | Oakhill | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 1424.35 | 3,560.89 |
| Oakhill | New Line Rd | David Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 94.92 | 237.30 |
| Castle Hill Shops | Castle Hill Rd | Old Northern Rd | New section of at least 2m wide shared bicycle/pedestrian path | 222 | 38,850.39 |
| New Line Rd | Boundary Rd | Victoria Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 1460.66 | 3,651.65 |
| David Rd | Retirement Village Carpark entrance on Old Norther | Old Northern Rd E side and Castle Hill Rd N side | Existing footpath to be widened to 2m shared path | 905 | 55,000.00 |
| Footpath from Highclere | Hastings Rd | Old Northern Rd | New section of at least 2m wide shared bicycle/pedestrian path | 90.23 | 15,790.40 |
| Highclere | Old Northern Rd | Existing footpath | Existing wide footpath needing signage and logos to allow shared use | 55 | 600.00 |
| Oakhill | End Highclere | Willowbrook and Highclere | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 335.21 | 838.03 |
| Victoria | Bellamy St | W side Boundary Rd and N Side Victoria Rd | Existing footpath to be widened to 2m shared path | 38.88 | 7,971.25 |
| S end Sutherland Rd | Chapman | Sutherland Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 2861.77 | 7,154.43 |
| Sutherland | Crescent | Cheltenham | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 85 | 212.50 |
| End Existing path near Chiswick in Erlestoke Park | Circuit Track in Erlestoke Park | Bottom of embankment | New section of at least 2m wide shared bicycle/pedestrian path | 104.26 | 18,246.74 |

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| Circuit Track Erlestone Park | Whipbird Place | Erlestone Park | New section of at least 2m wide shared bicycle/pedestrian path | 12.08 | 2,115.63 |
| Chiswick | End existing pathway in Erlestone Park | Existing pathway | Existing Footpath which needs shared path signage and logos | 68.16 | 272.00 |
| New Line Rd | Merriwa | Existing Pathway | Existing wide footpath needing signage and logos to allow shared use | 91 | 600.00 |
| End Whipbird | David Rd | Whipbird and Erlestone | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 236.47 | 591.19 |
| Darlington | Pathway from Erlestone Park | Chiswick | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 22.75 | 56.89 |
| Woodgrove | Merriwa | Chiswick | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 149.84 | 374.60 |
| Shepherds Dve | Shepherds Dve bustop | New Line Rd N side | Existing footpath to be widened to 2m shared path | 71.37 | 14,631.31 |
| Shepherds Dve Bustop | Purchase Rd | New Line Rd N side | Existing wide footpath needing signage and logos to allow shared use | 355 | 1,420.00 |
| Vaughan | Pennant Hills Rd | Laurence St | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 84.74 | 211.85 |
| Vaughan | Bellamy St | Laurence St | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 113.96 | 284.91 |
| Pecan Place Firetrail | Pennant Hills High | Schofields Rd and Laurence St | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 659.14 | 1,647.87 |
| Parkhill | Pecan | Firetrail from Pennant Hills to Cherrybrook | Signage, grading and sealing rough section | 275.79 | 1,375.00 |
| Pecan Pl | Schofields | Existing Firetrail | Signage, grading and sealing rough sections | 2214.17 | 11,000.00 |
| End Pecan Pl | Francis Greenway | Pecan Pl and Tudor | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 244.92 | 612.30 |
| New Line Rd | Jenner Rd | James Henty | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 964.31 | 1,446.47 |
| James Henty | New Line Rd | Jenner Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 833.59 | 1,250.39 |
| Davis St | Oxford St | Essex St | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only, signage across Birgde to Vinnie | 1637.66 | 4,094.17 |
| Oxford | Norfolk | Surrey | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 243.39 | 365.09 |
| Derby | Norfolk | Oxford | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 294.13 | 441.20 |
| Castle Howard Rd | Cheltenham Rd | Existing Stairs | Footpath which need to be Wheeling ramp needed up stairs | 49.68 | 10,186.35 |
| Wycombe | Castle Howard Rd | Kent St overbridge | Existing wide footpath needing signage and logos to allow shared use | 165.67 | 670.00 |
| Orchard | Midson | Plympton | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 939.54 | 2,348.85 |
| Wycombe | Plympton | Midson | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 96.22 | 240.56 |
| Midson | Kent | Wycombe | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 468.36 | 1,170.90 |
| Ray Rd | Cliff Rd | Carlingford Rd N side | Existing footpath to be widened to 2m shared path | 97.1 | 19,907.19 |
| Ray Rd | Wycombe | Kent | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 421.13 | 1,052.84 |
| Carlingford Rd | Ray Rd | Dent, Cliff and Midson Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 969.44 | 2,423.61 |
| Berowra Creek | Montview Pde | Galston Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 3154.01 | 7,885.03 |
| Crosslands Rd | Berowra Creek | Galston Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 3128.46 | 7,821.15 |
| Arcadia Rd | Berowra Waters | Bay Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 6423.25 | 16,058.12 |
| Berowra Waters | Alan Rd | Berowra Waters Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 3975.71 | 9,939.29 |
| Blacks Rd | Bay Rd | Arcadia Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 2010 | 5,025.00 |
| Arcadia Rd | Bayfield Rd | Carrs Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 827.44 | 2,068.60 |
| Carrs Rd | Arcadia Rd | Bayfield Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 1437.4 | 3,593.50 |
| Galston Rd | Carrs Rd | Arcadia Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 1950.45 | 4,876.13 |
| Old Berowra | Pacific Highway | Amor | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 893.05 | 2,232.63 |
| Galston Rd | Old Berowra Rd | Sutton Link Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 349.73 | 874.33 |
| Bridge | Ethel | Bridge, Roper, Silver, Carrington, Rosamond, Ethel | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 1587.62 | 3,969.06 |
| Pacific Highway | Jersey St | Bus Access Lane | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 228.55 | 571.39 |
| Jersey St S | George St | Bridge Rd S | Existing footpath to be widened to 2m shared path | 88.52 | 18,147.13 |
| George St | Galston Rd | Pacific Highway | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 1525.88 | 3,814.71 |
| Haldane | Sherbrook | Road closure | Existing footpath to be widened to 2m shared path | 16.48 | 3,379.39 |
| Pacific Highway | Coronation St | Station St | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only, Alter no entry sign at Coronation to say "Bicycle Excepted" | 144.6 | 361.51 |
| Bridge Rd | Haldane | Railway, Stephen, Lessing, Heath, Olive, Haldane | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 1540.12 | 3,850.31 |
| Baldwin | Hazelmead | Royston | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 389.43 | 973.58 |
| Florence St | Burdett | George St W side | Existing wide footpath needing signage and logos to allow shared use | 165 | 660.00 |
| Coronation | Bridge Rd | Jersey St S | Proposed onroad cycle shoulder lane on existing pavement | 537.22 | 5,050.00 |
| Fraser Rd, Cowan | Bridge Over Hawkesbury River at Brooklyn | Pacific Highway | Pavement Bicycle Route Logos and Watch for Cyclist signage | 7828.92 | 19,572.31 |
| Romsey | Balmoral | Alexandria Pde | Cycle shoulders, pavement logos, Route Signage and Linemarking Only | 540 | 15,000.00 |
| Balmoral | Shire boundary at F3 | Alexandria Pde | Proposed onroad cycle shoulder lane with shoulder reconstruction | 535 | 66,875.00 |
| Lisgar Rd | Pacific Highway | High St | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 502.57 | 1,256.44 |
| Wisemans Ferry Rd | Wisemans Ferry | Old Northern Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 11355.56 | 28,388.90 |

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| Denman | Unwin | Edwards | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 160.88 | 402.20 |
| Appletree | Kanangra | Apple Tree Reserve | New section of at least 2m wide shared bicycle/pedestrian path | 135.66 | NA as already in parks program |
| Beechwood | Greenway Park | Mark | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 61.32 | 153.31 |
| Shepherds Drive | Greenway Park Oval | Carpark entry | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 26.04 | 65.12 |
| Macquarie Dve | New Line Rd | Shepherds Dve | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 817.57 | 2,043.94 |
| Pembroke | Surrey | Oxford | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 584.65 | 1,461.62 |
| Hampden | Crescent | Pennant Hills Rd S side | Existing footpath to be widened to 2m shared path | 42.57 | 8,727.70 |
| Chapman | Copeland | Wongala | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 429.31 | 1,073.27 |
| Cherrybrook | Cedarwood | Boundary Rd W side | New section of at least 2m wide shared bicycle/pedestrian path | 297.59 | 52,079.99 |
| Lights near Lois | Loftus | Boundary Rd W side | Existing footpath to be widened to 2m shared path | 132.36 | 27,135.52 |
| Loftus | Cherrybrook | Boundary Rd W side | Existing footpath to be widened to 2m shared path | 272.14 | 55,790.17 |
| Victoria | Lights near Lois | W side Boundary Rd | Existing footpath to be widened to 2m shared path | 504.01 | 103,323.07 |
| Casuarina | Boundary Rd | Existing Walkway | Existing wide footpath needing signage and logos to allow shared use | 120 | 800.00 |
| Walkway near Casuarina' | Boundary Rd near Francis Greenway | Boundary Rd S Side | Existing footpath to be widened to 2m shared path | 80 | 16,400.00 |
| Boundary Rd | Macquarie Dve | Francis Greenway Drive | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 446.91 | 1,117.28 |
| Cedarwood | End Walkway near Boundary Rd | Casuarina | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 410.82 | 1,027.07 |
| Boundary Rd | Casuarina | Cedarwood | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 676.62 | 1,691.56 |
| Kenley Rd | Huddart | Railway Corridor | New section of at least 2m wide shared bicycle/pedestrian path | 187.2 | 32,760.43 |
| Dartford Rd | Kenley Rd | Kenley Park | New section of at least 2m wide shared bicycle/pedestrian path | 192.18 | 33,632.48 |
| Stuart Ave | Dartford Rd | Pennant Hills Rd N | New section of at least 2m wide shared bicycle/pedestrian path | 119.43 | 20,900.61 |
| Terra St | Stuart Ave | Pennant Hills Rd N side | New section of at least 2m wide shared bicycle/pedestrian path | 331.1 | 57,943.52 |
| Service Station | Terra St | Pennant Hills Rd W side | New section of at least 2m wide shared bicycle/pedestrian path | 153.77 | 26,911.47 |
| Duffy Ave | Service Station | Pennant Hills Rd W side | Existing footpath to be widened to 2m shared path | 113.81 | 23,331.62 |
| Phyllis | Duffy | Pennant Hills Rd W | Existing footpath to be widened to 2m shared path | 203.55 | 41,727.87 |
| Railway | Wells Ave | Pennant Hills Rd W side | Existing footpath to be widened to 2m shared path | 863.04 | 176,924.20 |
| Wells | Station St | Pennant Hills Rd W side | Existing footpath to be widened to 2m shared path | 157 | 32,185.00 |
| Station St and Pennant Hills Rd | Phyllis and Pennant Hills Rd | Station, Railway, Central, Phyllis | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 753.75 | 1,884.38 |
| Clarke Rd | Edwards Rd | Unwin | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 459.12 | 1,147.80 |
| Unwin Rd | College Cs | Clarke Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 292.6 | 731.50 |
| Buckingham Rd | Normanhurst Rd | Denman Pde | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 122.49 | 306.24 |
| Huddart Ave | Buckingham Rd | Denman Pde | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 124.8 | 312.01 |
| Hall Ave | Duffy Ave | Existing Right of Way to W of railway line | New section of at least 2m wide shared bicycle/pedestrian path | 61.55 | 10,771.71 |
| The Esplanade | Hall Ave | Railway Maintenance Track | New section of at least 2m wide shared bicycle/pedestrian path | 460.21 | 80,537.46 |
| Wells | Rail Maintenance Track N of Thornleigh Parking Sta | Esplanade E side | Existing footpath to be widened to 2m shared path | 292.85 | 60,035.40 |
| Hall | N end existing pathway | Existing walkway | Existing wide footpath needing signage and logos to allow shared use | 94.01 | 19,272.55 |
| Pennant Hills Rd | The Esplanade | Wells N Side | Existing footpath to be widened to 2m shared path | 45.82 | 9,395.01 |
| Casuarina | New Line Rd | Cedarwood | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 239.55 | 598.88 |
| No 41 | Thorn St | Bellamy | New section of at least 2m wide shared bicycle/pedestrian path | 245 | 42,875.00 |
| S end Timbarra Rd | N end Timbarra Rd | Timbarra Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 101.15 | 252.88 |
| Franklin Rd | Bowerman | Neale | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 65.61 | 164.04 |
| New Line Rd | Bowerman | Existing Pathway | Existing wide footpath needing signage and logos to allow shared use | 75 | 800.00 |
| Neale | Doulton | Franklin | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 480.85 | 721.28 |
| Franklin Rd | County Dve | John Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 627.37 | 941.06 |
| Neale | Pathway near New Line Rd | Bowerman | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 390.6 | 976.50 |
| Bowerman | Franklin | Neale | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 394.53 | 591.80 |
| Duffy Ave | Sefton | Chilvers | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 373.24 | 933.11 |
| Waitara Ave | Fullers | Pacific and Fullers | Existing wide footpath needing signage and logos to allow shared use | 118.62 | 476.00 |
| Yardley | Unwin | Clarke Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 104.16 | 260.41 |
| End shared path | Clarke Rd | Fuller | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 222.33 | 555.84 |
| Pacific | Waitara Station | Waitara | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 51.55 | 128.89 |
| Waitara Ave | Edgeworth David and Sherbrook | Edgeworth David S Side | Existing footpath to be widened to 2m shared path | 21.83 | 4,476.17 |

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| Edgeworth David | Florence | Sherbrook W side | Existing footpath to be widened to 2m shared path | 166.55 | 34,143.79 |
| Alexandria Pde | Edgeworth David | Waitara Ave | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 415.27 | 1,038.19 |
| Sherbrook | Albert Lane | Florence St | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 379.11 | 947.78 |
| End Edward Bennet | New Line Rd | Existing pathway | Existing footpath to be widened to 2m shared path | 20.4 | 4,182.54 |
| Castle Hill Rd | Pathway near New Line Rd | Edward Bennet | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 958.59 | 1,437.89 |
| Pennant Hills Rd | Victoria | Cardinal Ave | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 727.85 | 1,091.78 |
| Pennant Hills Rd | Hannah St | Cardinal Ave | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 616.7 | 925.05 |
| Cardinal Ave | Wongala Cs | Hannah St | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 1133.73 | 2,834.34 |
| Edward Bennet | Boundary Rd | New Line Rd | Onroad cycle shoulder lane along existing pavement | 694.87 | 8,245.00 |
| Edward Bennet | Castle Hill Rd | New Line Rd | Onroad cycle shoulder lane along existing pavement | 870.11 | 9,850.00 |
| Boundary | Laurence St | Bellamy St W Side | Existing footpath to be widened to 2m shared path | 325.39 | 66,705.11 |
| Ruddock Park | Corang | Quarter Sessions Rd | Sealed onroad cycle shoulder lane | 280.09 | 35,011.80 |
| Corang | Barkala | Quarter Sessions Rd | Marking of Existing Road Shoulder | 512.69 | 1,280.00 |
| Barkala | End Quarter Sessions Rd | Quarter Sessions Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 1395.78 | 3,489.47 |
| Bellamy St | Laurence St | Thorn St and Vaughan | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 526.58 | 1,316.47 |
| Installation of Bike Parking | Various Locations | | | | 40,700.00 |
| TOTAL COST FOR THIS PERIOD | | | | 114,047.12 | 1,868,988.05 |
| CYCLEWAY PROJECTS SCHEDULED FOR 2008-2010 | | | | | |
| Kirkham Rd | Access Rd to Beecroft Community | N side Beecroft Rd | Existing footpath to be widened to 2m shared path | 135.26 | 27,728.53 |
| Beecroft Community Centre | Copeland Rd | Existing footpath | Existing footpath to be widened to 2m shared path | 54.8 | 11,234.18 |
| Beecroft Community Centre Access Rd entrance on Be | Beecroft Community Centre | Existing Access Rd | Existing wide footpath needing signage and logos to allow shared use | 856 | 428.00 |
| Roselea Carpark | Keira | Roselea Park | New section of at least 2m wide shared bicycle/pedestrian path | 30.79 | 5,388.34 |
| Darwin St | Ross St | Kilpack Park | Existing footpath to be widened to 2m shared path | 144.37 | 29,597.75 |
| McMullen | Pennant PDe | Alamein | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 456.45 | 1,141.12 |
| North Rocks Rd | Alamein | McMullen | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 353.1 | 882.76 |
| North Rocks Rd | Pennant Hills Rd | Roselea Community Centre Access Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 292.81 | 732.03 |
| Kilpack Park | Pennant Pde | Ross St | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 231.67 | 579.18 |
| Rembrandt St | Kilpack Park | Darwin | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 268.77 | 671.93 |
| Alamein | North Rocks Rd | Alamein and Benghazi | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 481.43 | 1,203.58 |
| Dunrossil | Alamein | Torquil | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 342.09 | 855.23 |
| Carlingford Rd | Torquil | Rembrandt and Dunrossil | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 643.68 | 1,609.21 |
| Roselea Rd | N end Roselea carpark | Roselea carpark | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 150.77 | 376.93 |
| End Keira Pl | Murray Farm Rd | Keira Pl | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 191.86 | 479.65 |
| David Rd | Robert Rd | Castle Hill Rd N side | Existing footpath to be widened to 2m shared path | 655 | 134,275.00 |
| Robert Rd | Edward Bennet | Castle Hill Rd N side | Existing footpath to be widened to 2m shared path | 804 | 164,820.00 |
| Franklin Rd | County Dve | New Line Rd SW side | New section of at least 2m wide shared bicycle/pedestrian path | 225.71 | 39,500.32 |
| Galston Rd | Galston Primary | Arcadia Rd West | Existing footpath to be widened to 2m shared path | 479.23 | 98,242.44 |
| School Rd | Church Driveway to School Rd | Arcadia Rd W and S | Existing footpath to be widened to 2m shared path | 322.37 | 66,087.47 |
| Galston Primary | School Rd | Arcadia Rd West | Existing wide footpath needing signage and logos to allow shared use | 200 | 800.00 |
| Sutton Link | Ethel | Galston Rd W side | New section of at least 2m wide shared bicycle/pedestrian path | 232.19 | 40,633.44 |
| Montview | Bushlands | Galston Rd | Sealed onroad cycle shoulder lane | 1958.49 | 244,811.47 |
| Montview | Bushlands | Galston Rd | ""watch for Cyclists"" signage and route marking only | 1958.49 | 2,937.00 |
| Arcadia Rd | Crosslands | Galston Rd | Sealed onroad cycle shoulder lane | 1081.32 | 135,165.92 |
| Burdett | Florence | Sherbrook W Side | Existing footpath to be widened to 2m shared path | 141.59 | 29,027.51 |
| F3 | Woonona Ave | Edgeworth David Ave N Side | Existing footpath to be widened to 2m shared path | 160.59 | 32,922.44 |
| Edgeworth David | Burdett | Woonona | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 373.18 | 932.96 |
| Woonona | Sherbrook | Burdett | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 934.16 | 2,335.40 |
| George St | Hunter St | Bridge St S side | Existing footpath to be widened to 2m shared path | 122.47 | 25,106.50 |
| Hunter St S | Bridge Rd | Hunter St | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 619.93 | 1,549.84 |
| Mid Dural Rd | Arcadia Rd | Galston Rd | Cycle shoulders to be incorporated into new median and crossing points | 413.68 | 51,710.61 |
| Pacific Highway | Isis | Existing Pathway | Existing footpath to be widened to 2m shared path | 63.27 | 12,972.34 |
| Alexandria | S end Isis | Ingram, Cam and Isis | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 695.85 | 1,739.62 |
| Dartford Rd | Dartford Rd | Sefton Rd N Side | Existing footpath to be widened to 2m shared path | 49.63 | 10,175.60 |

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| Pretoria | Forbes | Existing Walkway | Existing footpath to be widened to 2m shared path | 63.06 | 12,929.22 |
| Fuller | Walkway from Forbes | Pretoria Pde S Side | Existing footpath to be widened to 2m shared path | 59.8 | 12,260.39 |
| Clarke | Hall | Neutral | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 196.34 | 490.87 |
| Hall | Pretoria | Hall and Fuller | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 355.81 | 889.54 |
| S end Forbes | Ashley | Forbes | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 298.06 | 745.16 |
| Forbes | Pacific Highway | Ashley and High | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 133.91 | 334.77 |
| Malsbury | Neutral | Clarke | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 228.63 | 571.58 |
| Kenbury | Improved splitter island | Shepherds Dve S side | Existing footpath to be widened to 2m shared path | 52.33 | 10,728.05 |
| Bellamy St | Yarrara | Ramsay | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 732.19 | 1,830.48 |
| Laurence St | Ramsay St | Bellamy St W Side | Existing footpath to be widened to 2m shared path | 126.28 | 25,889.01 |
| Yarrara Rd | Railway Pde | Pennnat Hills Rd S Side | Existing wide footpath needing signage and logos to allow shared use | 78 | 308.00 |
| Wongala Cs N | Wongala Cs S | Existing footpath and small section railway land | New section of at least 2m wide shared bicycle/pedestrian path | 65.38 | 11,441.63 |
| Lilla Rd | Yarrara Rd | Pennant Hills Rd S side | Existing footpath to be widened to 2m shared path | 601.69 | 123,347.19 |
| Fisher | Pennant Hills Rd | Fisher Righ of Way, Cityview | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 201.11 | 502.79 |
| Fisher Right of way | Ramsay | Fisher, Geeves, Pennicook | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 290.07 | 725.19 |
| Wongala Cs N | Pennant Hills Rd | Lilla Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 331.31 | 828.29 |
| Chapman | N end Wongala Cs S | Wongala Cs | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 507.33 | 1,268.34 |
| Top sealed firetrail | Bottom sealed firetrail | Whale Rock Track | Existing wide footpath needing signage and logos to allow shared use | 215 | 400.00 |
| Pennant Hills Park | Top sealed firetrail near Pennant Hills Park | Whale Rock Track | Crushed Sandstone Shared Cycle Path or upgraded firetrail | 281.81 | 12,681.78 |
| Bottom Sealed Firetrail | Junction Devlins Creek | Whale Rock Track | Crushed Sandstone Shared Cycle Path or upgraded firetrail | 1388.28 | 62,472.89 |
| Brittania | Whale Rock Firetrail | Pennant Hills Park internal road | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 915.69 | 2,289.24 |
| Denman | Edwards | Existing pedestrian footpath on E side railway lan | Existing footpath to be widened to 2m shared path | 495.54 | 101,586.00 |
| W End Edwards Rd | Unwin Rd | Edwards Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 144.63 | 361.58 |
| Devlins Creek Junction | Concrete Cycleway off Browns Waterhole | Great North Walk | Crushed Sandstone Shared Cycle Path or upgraded firetrail | 1386.7 | 62,401.83 |
| Patu | County Dve | Existing footpath | Existing footpath to be widened to 2m shared path | 105.99 | 21,729.35 |
| Franklin Rd | Patu | Doulton | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 359.06 | 897.67 |
| Doulton | Pathway to County Dve | Patu | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 167.12 | 417.81 |
| Doulton | Pathway near New Line Rd | Franklin Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 361.61 | 904.03 |
| Nicholson | Sinclair | Roach | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 296 | 740.01 |
| Roach | Duffy | Sinclair | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 102.39 | 255.99 |
| Just south of beginning of seperated lanes on Espl | Existing Shared path just south of Duffy | W side Esplanade | Existing footpath to be widened to 2m shared path | 46.35 | 9,501.94 |
| Thornleigh Station Carpark | Just south of Duffy Ave | Esplanade | Proposed onroad cycle shoulder lane, linemarking and route signage | 674.74 | 11,000.00 |
| Eddy | Carpark Entrance Thornleigh Station | Esplanade | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 57.76 | 144.42 |
| Amber | Wanawong | Existing Stairs | Wheeling ramp and route signage | NA | 5,000.00 |
| Wells | Janet | Existing Walkway | Existing footpath to be widened to 2m shared path | 98.55 | 20,203.07 |
| Wanawong | Quarter Sessions Rd | Nicholson | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 870.19 | 2,175.47 |
| E End Wanawong | Nicholson | Wanawong | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 200.27 | 500.67 |
| Walkway S Janet | Amber | Janet | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 134.34 | 335.87 |
| Esplanade | Walkway from Janet | Eddy | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 156.46 | 391.16 |
| Janet | End Amber | Amber | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 147.98 | 369.96 |
| Right Of Way near No Pretoria | Fuller Ave | Pretoria Pde S | Existing footpath to be widened to 2m shared path | 82.11 | 16,832.59 |
| College Cs | Pretoria Pde | Right of Way on E side railway lined | New section of at least 2m wide shared bicycle/pedestrian path | 341.15 | 59,701.46 |
| Clarke Rd | Right of Way on eastern side of railway line | College Cs W side | New section of at least 2m wide shared bicycle/pedestrian path | 214.43 | 37,525.80 |
| Edwards | Ped lights at F3 | Pennant Hills Rd W side | Existing footpath to be widened to 2m shared path | 86.66 | 17,767.12 |
| Pennant Hills Rd | Hewit | Existing footpath | Existing footpath to be widened to 2m shared path | 43.14 | 8,844.37 |
| Denman | Pennant Hills Rd | Edwards | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 319.35 | 798.39 |
| Eastbourne | Hewitt N End | Eastbourne and Hewitt | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 394.03 | 985.08 |
| Thomas | Albert | Edgeworth David S Side | Existing footpath to be widened to 2m shared path | 72.27 | 14,816.36 |
| Alexandria Pde | Edgeworth David | Romsey, Leonard, Thomas | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 418.8 | 1,047.01 |
| Edgeworth David Ave | Florence St | Albert St | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 174.05 | 435.14 |
| TOTAL COST FOR THIS PERIOD | | | | 31,198.75 | 1,859,258.86 |

| | | | | | |
|-----------------------------------|--------------------------------------|--|--|------------------|---------------------|
| WORKS FOR 2011-2013 | | | | | |
| Easton | Alan | Berowra Water S Side | Existing footpath to be widened to 2m shared path | 240.39 | 49,281.13 |
| Alan | Kita | Turner Rd S side | Existing footpath to be widened to 2m shared path | 374.36 | 76,744.72 |
| Arcadia | Easton | Berowra Waters Rd S Side | New section of at least 2m wide shared bicycle/pedestrian path | 293.91 | 51,434.89 |
| Hillcrest | Arcadia | Berowra Waters Rd S side | Existing footpath to be widened to 2m shared path | 170 | 34,850.00 |
| Kuringai Chase Rd | Yirra Rd | Belmont | Sealed onroad cycle shoulder lane | 207 | 25,875.11 |
| Ped Crossing near Benghazi | Benghazi | North Rocks Rd S side | Existing footpath to be widened to 2m shared path | 53.09 | 10,884.96 |
| Bardia | McMullen | North Rocks Rd S side | Existing footpath to be widened to 2m shared path | 94.14 | 19,298.96 |
| Mid Dural School | Galston Rd | Old Northern Rd | New section of at least 2m wide shared bicycle/pedestrian path | 532.31 | 93,155.01 |
| New Line Rd | Victoria Rd | Castle Hill Rd N | Existing footpath to be widened to 2m shared path | 570.19 | 116,889.44 |
| Victoria Rd | Edward Bennet | Castle Hill Rd N side | Existing footpath to be widened to 2m shared path | 474.32 | 97,236.64 |
| Castle Hill Rd | New Line Rd | Victoria Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 579.79 | 1,449.49 |
| Carlingford Rd | Pennant Pde | Dunttron, Dent, Shirley, Haywood | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 984.21 | 2,460.52 |
| Castle Howard Rd Steps | The Crescent | Cheltenham Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 755.78 | 1,889.47 |
| Somerville | Sutton Link Rd | Galston Rd E side | Existing footpath to be widened to 2m shared path | 1617.42 | 331,572.27 |
| Galston Rd | Silva | Carrington | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 97 | 243.00 |
| Hazelmead | Kuringai Chase Rd | Royston | Sealed onroad cycle shoulder lane to be reconstructed, logos and signage | 736.14 | 92,018.45 |
| Hazelmead | Kuringai Chase Rd | Royston | Advisory Bicycle Route Signage and "Watch for Cyclist Signage only | 736.14 | 1,840.00 |
| Bridge Rd | Watson | Jersey St Nth W side | Existing footpath to be widened to 2m shared path | 407.83 | 83,605.53 |
| Jersey St Nth | Pacific Highway | Mildred and Citrus | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 396.04 | 990.12 |
| Citrus | Lodge | Pacific Highway N Side | Existing footpath to be widened to 2m shared path | 38.25 | 7,842.08 |
| Pacific Highway | Amor | Lodge | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 544.86 | 1,362.17 |
| Devlins Creek Junction | Boundary Rd | Devlins Creek Walk and Boundary Rd firetrail | Crushed Sandstone Shared Cycle Path or upgraded firetrail | 1005.69 | 45,256.48 |
| Boundary Rd W end | Norfolk Rd | Boundary Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 143.59 | 358.97 |
| M2 | Copeland Rd | Pennant Hills Rd E side | Existing footpath to be widened to 2m shared path | 476.28 | 97,639.36 |
| Castle Hill Rd | Cardinal | Pennant Hills Rd S side | Existing footpath to be widened to 2m shared path | 340.32 | 69,766.28 |
| Copeland Rd | Grace St | Penannt Hills Rd E side | Existing footpath to be widened to 2m shared path | 489.5 | 100,348.44 |
| Wisemans Ferry Community Centre | Old Northern Rd | Council Land Lot 1 DP874492 | Crushed Sandstone Shared Cycle Path | 337.24 | 15,176.09 |
| TOTAL COST FOR THIS PERIOD | | | | 12,695.79 | 1,429,469.58 |
| WORKS FOR 2014-2016 | | | | | |
| Bayfield Rd | Fagans Rd | Arcadia Rd N side | Crushed Sandstone Shared Cycle Path | 889.28 | 40,018.03 |
| Pacific Highway | Belmont | N side Yirra Rd | Existing footpath to be widened to 2m shared path | 61.26 | 12,559.82 |
| Kenthurst Rd | New Line Rd | Old Northern Rd | New section of at least 2m wide shared bicycle/pedestrian path | 1044.78 | 182,837.78 |
| County Dve | Darlington junction | Darlington | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 352.86 | 882.16 |
| Macquarie Dve | Kenbury | Shepherds Dve S Side | Existing footpath to be widened to 2m shared path | 312.54 | 64,072.12 |
| Old Northern Rd | Galston High | Galston Rd E side | New section of at least 2m wide shared bicycle/pedestrian path | 2716.88 | 475,455.24 |
| Carrington | Ethel | Galston R W side | Existing footpath to be widened to 2m shared path | 560 | 114,800.00 |
| Just north of Tafe entrance | Carrington | W side Pacific Highway and Galston Rd | Existing footpath to be widened to 2m shared path | 707.06 | 144,948.48 |
| Burdett | Bridge | George St E | Existing footpath to be widened to 2m shared path | 523.54 | 107,327.17 |
| Shopping Centre Driveway | Swimming Pool Driveway | Shepherds Dve N side | Existing footpath to be widened to 2m shared path | 145.71 | 29,870.79 |
| Milson | Pennant Hills Rd | Dartford Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 378.9 | 947.26 |
| The Sanctuary | Dartford Rd | Sefton Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 1045.12 | 2,612.82 |
| Lockerbie | Dartford | Sefton Rd N side | Existing footpath to be widened to 2m shared path | 108.02 | 22,145.16 |
| Larool | Lockerbie | Sefton Rd N Side | Existing footpath to be widened to 2m shared path | 443.42 | 90,901.19 |
| Espanade | Pioneer Ave | N side Duffy | New section of at least 2m wide shared bicycle/pedestrian path | 213.31 | 37,330.28 |
| Sinclair | Shared path SW of Chilvers and Duffy | Duffy Ave S side | Existing footpath to be widened to 2m shared path | 175.57 | 35,992.59 |
| TOTAL COST FOR THIS PERIOD | | | | 9,678.25 | 1,362,700.89 |
| WORKS FOR 2017-2019 | | | | | |
| Arcadia and Fagans | Wylds and Arcadia | Arcadia Rd W side | Crushed Sandstone Shared Cycle Path | 1066.92 | 48,011.64 |
| Gartung Rd | Thomas | Arcadia Rd W | Crushed Sandstone Shared Cycle Path | 919.15 | 41,362.11 |
| Wylds | Gartung | Arcadia Rd W | Crushed Sandstone Shared Cycle Path | 837.82 | 37,702.16 |
| Hookhams Corner W side | Lodge St | Pacific Highway N side | Existing footpath to be widened to 2m shared path | 305 | 69,500.00 |
| Rupert | Jersey | Pacific Highway W side | Existing footpath to be widened to 2m shared path | 361.48 | 74,104.59 |
| Amor | Pacific Highway | Bouvardia, Wall, Rupert | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 1085.52 | 2,713.81 |

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|---|---|-------------------------------------|--|------------------|---------------------|
| Parklands | Northumberland | Pacific Highway W side | Existing footpath to be widened to 2m shared path | 88.77 | 18,198.14 |
| Jersey | Judith | Pacific Highway W side | Existing footpath to be widened to 2m shared path | 590.08 | 120,968.18 |
| Judith | Parklands | Pacific Highway W side | Existing footpath to be widened to 2m shared path | 242.52 | 49,717.42 |
| Citrus | Bouvardia | Pacific Highway N Side | Existing footpath to be widened to 2m shared path | 306.84 | 62,904.14 |
| Pacific Highway | Amor | Bouvardia | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 302.3 | 755.77 |
| Lights near Bardia | North Rocks Rd | North Rocks Rd N side | Existing footpath to be widened to 2m shared path | 417.84 | 85,657.46 |
| New Line Rd | Mid Dural School | Old Northern Rd E side | New section of at least 2m wide shared bicycle/pedestrian path | 1230.79 | 215,389.22 |
| Bowerman | Lights Near Cherrybrook Public | New Line Rd W side | Existing footpath to be widened to 2m shared path | 410.58 | 84,169.28 |
| Lights near Cherrybrook Primary | Franklin | New Line Rd SW side | Existing footpath to be widened to 2m shared path | 528.84 | 108,412.74 |
| Midson | Duntroun | Carlingford Rd N side | Existing footpath to be widened to 2m shared path | 482.4 | 98,893.63 |
| Roselea Community Centre | North Rocks Rd | Pennant Hills Rd E side | Existing footpath to be widened to 2m shared path | 431.39 | 88,435.02 |
| Dunrossil | North Rocks Rd | Pennant Hills Rd E side | New section of at least 2m wide shared bicycle/pedestrian path | 460.25 | 80,543.91 |
| Moseley St | Dunrossil | Pennant Hills Rd E side | Existing footpath to be widened to 2m shared path | 669.3 | 137,206.66 |
| Dartford Rd | Kenley Rd | Kenley Park | New section of at least 2m wide shared bicycle/pedestrian path | 206.62 | 36,159.62 |
| TOTAL COST FOR THIS PERIOD | | | | 10,944.41 | 1,460,805.50 |
| LONG TERM PROJECTS WHICH COULD BE IMPLEMENTED IF CROSSOVER WITH OTHER PROGRAMS | | | | | |
| Beryl | Foxglove | Pacific Highway W side | Existing footpath to be widened to 2m shared path | 253.63 | 51,995.80 |
| Parklands | Beryl | Pacific Highway W | Existing footpath to be widened to 2m shared path | 1038.16 | 212,823.70 |
| Foxglove | Mt Kuringai | Pacific Highway W side | Existing footpath to be widened to 2m shared path | 1107.27 | 226,992.20 |
| Beecroft Rd | Murray Farm Rd | Kirkham | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 347.77 | 869.42 |
| Ped refuge near Rorke St | Beecroft Rd | S side Copeland Rd | Existing footpath to be widened to 2m shared path | 728.85 | 149,416.28 |
| Yallambee | Berowra Waters Rd | Pacific Highway W side | Existing footpath to be widened to 2m shared path | 566.28 | 116,088.90 |
| Crowley | Hillcrest | Berowra Waters Rd W and S Side | Existing footpath to be widened to 2m shared path | 419 | 85,895.00 |
| Alan Rd | Hillcrest | Berowra Waters Rd | Sealed onroad cycle shoulder lane | 976.29 | 122,036.36 |
| Crowley Rd | Pacific Highway | Berowra Waters Rd S Side | Existing footpath to be widened to 2m shared path | 386.63 | 79,260.99 |
| Bolton | Freeway Entrance ramp | Kuringai Chase Rd N side | New section of at least 2m wide shared bicycle/pedestrian path | 521.88 | 91,330.55 |
| Belmont | Bolton | Kuringai Chase Rd N side | Existing footpath to be widened to 2m shared path | 274.55 | 56,283.88 |
| Church | New Line Rd | Castle Hill Rd N side | Existing footpath to be widened to 2m shared path | 294.48 | 60,369.45 |
| Pennant Hills Rd | Church | Castle Hill Rd S side | Existing footpath to be widened to 2m shared path | 231.31 | 47,419.47 |
| End Broadoak Pl | Hastings Rd and Old Northern Rd | Right of way and Hastings Rd S side | New section of at least 2m wide shared bicycle/pedestrian path | 299.26 | 52,371.31 |
| Oakhill | Hastings Rd shared pathway | Broadoak | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 206.54 | 516.36 |
| Broadoak | New Line Rd | Hastings Rd | New section of at least 2m wide shared bicycle/pedestrian path | 584.13 | 102,223.34 |
| Hastings Rd | Sebastian Dve | New Line Rd W side | New section of at least 2m wide shared bicycle/pedestrian path | 537.92 | 94,136.63 |
| St Pauls Anglican Church | Old Castle Hill Rd Oakhill College Entrance | Old Northern Rd E side | New section of at least 2m wide shared bicycle/pedestrian path | 286.01 | 50,053.25 |
| Retirement Village carpark entrance on Old Norther | Edge of Anglican Church | Old Northern Rd E side | Existing footpath to be widened to 2m shared path | 297 | 60,885.00 |
| Foley Place | Oakhill | Westminster | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 191.98 | 479.96 |
| Foley Place | Old Northern Rd | Oakhill College internal driveways | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 355.99 | 889.97 |
| Westminster Ave | Oakhill College Entrance | Foley | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 284.35 | 710.88 |
| Sebastian Drive | Old Northern Rd | New Line Rd E side | New section of at least 2m wide shared bicycle/pedestrian path | 1145.56 | 200,473.79 |
| Hastings Rd | Glenhaven Rd | Old Northern Rd W side | New section of at least 2m wide shared bicycle/pedestrian path | 1559.06 | 272,836.89 |
| Glenhaven Rd | Kenthurst Rd | Old Northern Rd W side | New section of at least 2m wide shared bicycle/pedestrian path | 1597.92 | 279,636.44 |
| Castle Hill Rd | Old Castle Hill Rd | Old Northern Rd | New section of at least 2m wide shared bicycle/pedestrian path | 658.79 | 115,288.96 |
| Gilbert Rd | Old Northern Rd W side | Hastings Rd | New section of at least 2m wide shared bicycle/pedestrian path | 863.89 | 151,181.48 |
| Jenner Rd | James Henty | New Line Rd N side | New section of at least 2m wide shared bicycle/pedestrian path | 341.16 | 59,703.59 |
| James Henty Dve | Hastings | New Line Rd | New section of at least 2m wide shared bicycle/pedestrian path | 575.6 | 100,730.29 |
| Purchase Rd | Jenner Rd | New Line Rd | Existing footpath to be widened to 2m shared path | 647.31 | 132,700.57 |
| Old Northern Rd | Mid Dural Rd | Galston Rd | Cycle shoulder lanes | 3648.09 | 456,011.92 |
| Galston Rd | Old Northern Rd | Mid Dural Rd | Cycle Shoulder Lane | 2338.85 | 292,357.31 |
| Kandy Ave | M2 pedestrian lights | Beecroft Rd W side | New section of at least 2m wide shared bicycle/pedestrian path | 99.27 | 17,373.22 |
| Southern M2 ped lights | Northern M2 ped lights | Beecroft Rd W side | Existing footpath to be widened to 2m shared path | 307.4 | 63,018.59 |

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|--------------------------------------|--|--|--|------------------|---------------------|
| Carlingford Rd | Edensor | Ray Rd E side | Existing footpath to be widened to 2m shared path | 236.86 | 48,556.82 |
| Old Beecroft Rd | Lyne Rd | Beecroft Rd NE side | Existing footpath to be widened to 2m shared path | 175.33 | 35,943.18 |
| Northern M2 ped lights | Old Beecroft Rd | Beecroft Rd E side | Existing footpath to be widened to 2m shared path | 211.25 | 43,306.53 |
| Ray Rd | Beecroft Rd | Edensor and Kandy Ave | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 525.45 | 1,313.64 |
| Beecroft Rd | The Crescent | Lyne Rd | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 205.95 | 514.89 |
| Sherbrook | Muriel | Burdett N Side | Existing footpath to be widened to 2m shared path | 227.24 | 46,585.03 |
| Muriel St | Hunter St | Burdett Rd N side | Existing footpath to be widened to 2m shared path | 244.83 | 50,191.46 |
| Hunter | George | Burdett St N | Existing footpath to be widened to 2m shared pathred path | 150 | 30,750.00 |
| Galston Rd | New Line Rd | Old Northern Rd | Sealed onroad cycle shoulder lane | 1770.6 | 221,326.07 |
| Galston Rd | Wisemans Ferry Rd | Old Northern Rd | Sealed onroad cycle shoulder lane | 29049.25 | 3,631,156.31 |
| Bellamy St | Pathway along E Boundary of Pennant Hills Public | Boundary Rd N Side | Existing footpath to be widened to 2m shared path | 277.66 | 56,921.85 |
| Boundary Rd | Trebor | Existing grassed link on Pennant Hills Public Land | New section of at least 2m wide shared bicycle/pedestrian path | 103.76 | 18,158.25 |
| West Pennant Hills Infants School | Weemala | Trebor | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 85.18 | 212.97 |
| Trebor | Ramsay | Weemala | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 346.38 | 865.95 |
| Weemala | Pennicook | Hillcrest | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 337.64 | 844.11 |
| The Crescent | George | Pennant Hills Rd E Side | Existing footpath to be widened to 2m shared path | 183.89 | 37,698.87 |
| The Crescent | George | Pennant Hills Rd E Side | Existing footpath to be widened to 2m shared path | 183.89 | 37,698.87 |
| George | Albion | Pennant Hills Rd E Side | Existing footpath to be widened to 2m shared path | 226.91 | 46,516.78 |
| End Terra St | Northern End Terra St | Terra St | New section of at least 2m wide shared bicycle/pedestrian path | 78.67 | 13,767.83 |
| E End Marked Cycle Route along Duffy | Existing Shared Path at Chilvers | Duffy Ave N Side | Existing footpath to be widened to 2m shared path | 75 | 15,375.00 |
| Pennant Hills Rd | End Terra St | Terra St | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 45.97 | 114.94 |
| Castle Hill Rd | Cardinal Ave | Church St | Advisory Bicycle Route Signage and Pavement Bicycle Route Logos only | 280.69 | 701.74 |
| Duffy Ave | Lymoore | E Side Pioneer and path and existing path along W | New section of at least 2m wide shared bicycle/pedestrian path | 436.96 | 76,468.04 |
| Lymoore | Dartford Rd | Railway maintenance tracks | New section of at least 2m wide shared bicycle/pedestrian path | 153.07 | 26,788.69 |
| Dartford Rd | Dartford Rd Bridge | Milson Pde S Side | Existing wide footpath needing signage and logos to allow shared use | 50 | 200.00 |
| TOTAL COST FOR THIS PERIOD | | | | 59,634.61 | 8,246,339.57 |

APPENDIX D

HORNSBY SHIRE COUNCIL CYCLING MAP



Hornsby Shire Council

Cycling Map





**ENJOY
YOUR
CYCLING**
and take
reasonable care.

further enquiries

or copies of the map contact:



CUSTOMER SERVICE

(02) 9847 6666



EMAIL

hsc@hornsby.nsw.gov.au



WEB

www.hornsby.nsw.gov.au/recreation



FAX

(02) 9847 6999



TTY

(02) 9847 6577

Although every care has been taken, no responsibility is accepted for errors or omissions.

Comments or suggestions for future editions are welcome.

This map is published by Hornsby Shire Council
Edition 1. Published JULY 2006

legend

-  Dismount Bicycle Connection
-  Off road marked cycleways
-  On road marked cycleways
-  Useful cycling routes
-  Difficult hills
-  or  Sydways Trails and Tracks
-  Children's cycling tracks
-  Bike Lockers
-  Bike Parking Rails
-  Bike Shop
-  Train Station
-  Toilet
-  Police Station
-  Roads
-  Railways
- RYDE 2112** Suburb names, postcode numbers
-  Schools
-  Park
-  Retirement Village
-  Childcare Centre
-  Car parks
-  Traffic lights
-  Shops
-  Shopping Centre
-  Scale Bar
-  North Arrow

MAP SCALE



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CYCLEWAYS

using this map

This map is designed to help you find the best way of getting around Hornsby by bicycle. The highlighted routes are not always the most direct routes but are usually the best for riding a bike.

Marked on road cycling routes

We have shown the marked cycle routes which have signs on poles or logos on the road.

Useful cycling routes

These are mainly routes chosen to avoid major hills or busy roads and intersections. Green routes are generally low difficulty routes. Purple or moderate difficulty routes have more traffic and are more challenging. Brown or high difficulty routes are the most challenging and should only be used by experienced cyclists. In order to follow a more direct route or to avoid busy roads it is often necessary to climb steep hills. To assist you in choosing a route we have marked the hillier sections with arrows. The arrows point up the hill so you can plan your routes accordingly.

Unsealed tracks and trails suitable for mountain bikes

These are mainly firetrails or management trails which can be used by mountain bikers. Conditions vary so exercise care and ride within your abilities.

Cycle paths

There are some cycle paths that pass through parks in Hornsby and occasionally travel on signposted shared footpaths/cycleways. These are often important links and provide low stress options for beginning cyclists.

Children's cycle tracks

Several children's facilities in parks have been shown. Each is a closed track providing a safe environment and is a good place to practice riding a bike. These venues often also provide toilets and BBQ facilities for family outings.



bike riding rules

Riders of bicycles should:

- Correctly wear an approved helmet, with straps fitting snugly under the chin.
- Obey all the road rules.
- Ride on the left side of a road unless signposted otherwise.
- Only ride on a footpath if aged 12 years or less or accompanying a child under 12 years age.
- Use a bicycle lane if one is marked on the road, unless impracticable to do so.
- Always use hand signals when turning or stopping.
- Walk, not ride, across pedestrian crossings.
- Travel no more than 1.5 metres apart if riding two abreast.
- Slow down on a cycle path when pedestrians are present and warn pedestrians of your approach.
- Cycle only on firetrails or management trails in bushland or parks. It is illegal to cycle on designated walking tracks.



All bicycles must:

- Be fitted with an effective brake and a bell, horn or similar warning device.
- If used at night have a steady or flashing white light on the front and a red reflector and red light at the rear.

bicycle parking locations

Hornsby currently has bicycle parking racks and rails which includes most railway stations, shopping centers and carparks. For bicycle parking locations and updates visit www.hornsby.nsw.gov.au.



For details on how to hire a bike locker phone Bicycle NSW on (02) 9283 5200.

cycle paths and other cycle facilities

Small sealed cycle paths suitable for beginners

- Asquith, Lessing St Playground, (UBD 133 K13)
- Hornsby, Holman Park, (UBD 133 K16)
- Mt Colah, Parklands Oval, (UBD 113 L16)
- Mt Colah, Oxley Drive Reserve, (UBD 113 N12)
- Normanhurst, Charles Curtis Playground, (UBD 153 E13)
- North Epping, North Epping Oval, (UBD 173 J9)
- West Pennant Hills, Edward Bennett Oval, (UBD 152 B15)
- Westleigh, Ruddock Park, (UBD 152 M7)

Other sealed cycle paths suitable for all cyclists

- Asquith, Mills Park, (UBD 133 P11)
- Cherrybrook, Greenway Park, (UBD 133 K13)
- Hornsby Heights, Rofe Park, (UBD 151 M10)
- Hornsby Heights, Crosslands Reserve, (UBD 93 K16)
- Westleigh – Pennant Hills, Timbarra Cycleway (UBD 152)

Unsealed cycle tracks

- Arcadia, Fagan Park (UBD 112 B6)
- Hornsby Heights, Hopeville Park BMX Track, (UBD 133 D8)
- Coba Ridge Firetrail, end Bloodwood Rd, Fiddletown, (UBD 72 Q4)

Skate parks suitable for BMX freestyle use

- Greenway Park, Cherrybrook, (UBD 152 B8)
- Skate Ramp near Baden Powell St, Brooklyn, (UBD 56 E11)



**ALWAYS
WEAR
YOUR
HELMET**

major cycle routes across Hornsby

Hornsby-Pennant Hills

Follow College Cs, R onto Clark Rd, L onto Malsbury Rd and continue onto Milson Pde and Sefton Rd then turn L onto Chilvers, follow signposts through lights then follow the Esplanade and Yarrara Rd to Pennant Hills.

Hornsby-Bobbin Head-Turramurra (or return to Hornsby)

This popular recreational route starts at Hornsby, continue northwards using the routes indicated on the map to reach Bobbin Head Rd. A nice ride through the bushland with a steep descent to Bobbin Head where you can reward yourself with spectacular water views. A steep climb back to Turramurra then follow the backstreets to return to Hornsby. Can be busy on weekends.

Westleigh-Pennant Hills

Follow Quarter Sessions Rd to the south of Duffy Ave then turn right onto Timbarra Rd then travel through the bush along a wide cycleway and continue along Bellamy St and Ramsay Rd to Pennant Hills station.

Cherrybrook-Pennant Hills

Start at Francis Greenway Dve near Pecan Place in Cherrybrook and cycle up and down a steep unsealed firetrail to exit at Laurence St in Pennant Hills.



Hornsby-Marsfield

(connections to Macquarie University or M2)

From Alexandria Pde follow the indicated map routes to Turramurra and then to Kissing Point Rd which joins an offroad cycleway which connects with the M2 and Macquarie University.

Pennant Hills-Epping

At the eastern end of Pennant Hills Park you can join the mostly unsealed Whale Rock Track which connects with North Epping at Boundary Rd via a firetrail, or with Macquarie University and M2 via a cycleway near Browns Waterhole.

Epping-Macquarie University

Cycle east along Pembroke St, cross Epping Rd at the pedestrian lights then continue along Pembroke St, walk across Terrys creek bridge to connect with Ryde Council cycleway.

local cycle routes across Hornsby

Cherrybrook

Marked cycle routes along roads Purchase Rd/Eldridge Ave/Francis Greenway/Macquarie Dve. Connect with unsealed firetrails at various locations including Pecan Cl where you can join a steep unsealed firetrail which links with Schofields Pde in Pennant Hills.

Travel along Highs Rd and then mostly through back streets to Crane Rd in Castle Hill.

Westleigh

Cycle along Quarter Sessions Rd. A steep unsealed fire trail exists from near the Rural Fire Station in Westleigh exiting at Rosemead Rd in Hornsby.

Berowra Heights

Cycle along Berowra Waters Rd or along Woodcourt Rd an Alan Rd. Connect with unsealed firetrails at Ti Tree Cr, Berkeley Cl, Warrina St or off Gully Rd.

MAP



Mt Colah

Cycle along Excelsior Rd, Beryl Ave and Oxley Dve.

Hornsby Heights

Cycle along mostly marked cycle route along Galston Rd and Somerville Rd. Reach Asquith Station along Sutton Link St and Amor St. Connect with unsealed firetrails at Clarinda St, opp Rofe Park, the Outlook, Montview Pde.

Asquith

Cycle from Asquith to Hornsby along Haldance St/ Winston Heath/Lockwood/Lessing/Stephen/Railway Pde.

Epping

Cycle along mostly marked cycle route on Norfolk Rd and parts of Oxford St. Cycle to Macquarie University by following Pembroke St to the east where you will need to walk across the Terrys Creek bridge to join with the cycleway on the Ryde side which joins Vimiera Rd.

Carlingford

Cycle to western end of Murray Farm Rd to join cyclepath leading to M2.