



# Asset Management Plan

## Footpaths and Cycleways

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## 1. EXECUTIVE SUMMARY

The current path network (footpaths & cycleways) consists of about 100Km or 195,133 sq. metres of paved paths. Council's Pedestrian Access & Mobility Plan (PAMP) identifies the need for an additional 242 Kms of Cycleway and 92 Kms of Footpath. The cost for provision of the identified new projects is about \$59Million and the current average annual funding is about \$1Million.

Based on the 'satisfactory levels of service' identified in this Plan, the current funding shortfalls are –

| Activity                     | Ideal Funding Level | 2007/08 Funding Level (average 2007/10 for capital) | Annual Funding Shortfall |
|------------------------------|---------------------|---|--------------------------|
| <b>Maintenance/Operating</b> | \$401,000           | \$248,400   | \$152,600                |
| <b>Capital</b>               | \$1,270,000         | \$1,117,000   | \$153,000                |
| <b>Total</b>                 | <b>\$1,671,000</b>  | <b>\$1,365,400</b>                                  | <b>\$305,600</b>         |

Of concern is the expected future cost for path renewal which is expected to rise to over \$1Million/annum in about 25 to 30 years. Also of concern is the current funding level for 'Path Repairs' with the current funding insufficient to maintain existing overall condition.

Future actions identified in this Plan are –

- Review and prepare Footpath Renewal Strategy including 5 Year Program
- Review funding sources in particular grants and developer contributions
- Review DCP100 with regard to path specifications and extent to be provided as consent condition
- Review appropriate path surface material including a review of DCP80 and
- Review path age & replacement profile and confirm 50 year renewal funding needs.

### 1.1. The Purpose of the Plan

The purpose of the Asset Management Plan (AMP) is to analysis (data analysis) to determine options to manage assets in a sustainable and effective method.

An AMP is used to demonstrate how Council's assets are managed based on past and present information to create reliable future planning. An AMP will be the basic source for decisions of renewal, replacement or demolition of an asset.

It is also a plan to ensure that assets acquired support and meet the strategic and annual objectives of the organisation and that the cost of providing the service to the community does not outweigh the benefits.

An AMP is fundamental to achieve key elements of asset management, the foundation of the Plan includes as follows:

- Defining levels of service – specifies the services and levels of service to be provided by Council for each asset type
- Condition assessment – specifies the technical tools used to assess the condition of each asset

- Life cycle management – how Council will manage its existing and future assets to provide the required services
- Financial summary – what funds are required to provide the required services
- Asset management practices – how the organisation will manage its assets and the tools it will use to accomplish this
- Monitoring – how the Plan will be monitored to ensure it is meeting Council’s objectives
- Asset Management Improvement Plan (AMIP)

**1.2. Asset Description**

Council has recognized that “walking” and “cycling” are legitimate forms of transport and also important as a recreational pursuit. To encourage “walking” and “cycling” Council is committed to providing footpath and shared path networks that remain relevant to existing and future land use and pedestrian user groups.

Council is also committed to ensuring that the networks are maintained to a high standard and in a manner that ensures available resources are effectively applied. It is recognized that it is not reasonable nor practical to target zero trip hazards within the network however it is an objective to have minimal trip hazards.

The annual capital and maintenance programs need to allocate sufficient resources to ensure these objectives are obtained.

**1.3. Levels of Service**

The following ‘levels of service’ are recommended –

- Path Repairs
  - Within 5 years
    - 95% of concrete and bitumen paths to be in ‘Good Condition (Condition 2) or better
    - 100% of paver paths to be in ‘Good Condition (Condition 2) or better
- Path Renewal
  - Within 5 years, replace all currently identified failed paths
  - After 5 years, provide sufficient annual funding to replace paths as they are deemed to have failed.
- New Footpaths & Cycleways
  - Provide all currently identified new paths within 59 years.

The following table identifies the annual funding needs based on the above ‘levels of service’. Future review will be required in 5 to 10 years once there is a clearer indication of the rate of failure of the existing path network.

| Activity                     | Ideal Funding Level | 2007/08 Funding Level<br>(average 2007/10 for capital) | Annual Funding Shortfall |
|------------------------------|---------------------|--|--------------------------|
| <b>Maintenance/Operating</b> |                     |  |                          |
| Path Repairs                 | \$306,000           | \$153,400  | \$152,600                |
| Path Shape& Grass            | \$20,000            | \$20,000   | \$0                      |
| Path Mow                     | \$40,000            | \$40,000   | \$0                      |
| Path Poison                  | \$10,000            | \$10,000   | \$0                      |
| Path Other                   | \$10,000            | \$10,000   | \$0                      |
| Path Construct               | \$15,000            | \$15,000   | \$0                      |

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|                |                    |                    |                  |
|----------------|--------------------|--------------------|------------------|
| Sub-total      | \$401,000          | \$248,400          | \$152,600        |
| <b>Capital</b> |                    |                    |                  |
| Path Renewal   | \$270,000          | \$117,000          | \$153,000        |
| New Paths      | \$1,000,000        | \$1,000,000        | \$0              |
| Sub-total      | \$1,270,000        | \$1,117,000        | \$153,000        |
| <b>Total</b>   | <b>\$1,671,000</b> | <b>\$1,365,400</b> | <b>\$305,600</b> |

Funding availability is not currently available to provide higher funding levels. However, consideration will be given in the draft 2008/09 Budget to the provision of additional funds for 'Path Repairs' and 'Path Renewal'.

#### **1.4. Future Demand**

The adopted Pedestrian Access and Mobility Plan (PAMP) details the required footpath and cycleway networks. The PAMP was formally adopted by Council in 2006 following public exhibition. The capital strategies for new footpaths & cycleways identifies main routes. It is recognised that further priority projects will be identified over time and the strategies amended.

Council has recognised the importance of extending the path network and has increased capital funding as well as a special (loan funded) program in 2007/08 of \$1Million.

The PAMP has identified the following needs for the provision of new paths –

- Cycleways – about 242 Kms at an estimated cost of about \$48,000,000
- Footpaths – about 92 Kms at an estimated cost of about \$11,000,000

At current funding levels (average 2007/10) it will be about 59 years before the current identified needs are completed. Accordingly, it is essential that the projects to be included in annual works programs are carefully considered to ensure the highest needs are undertaken.

#### **1.5. Lifecycle Management Plan**

Management of facilities relates particularly to the maintenance and renewal stages of asset life. After the construction phase, it moves into what is known as the "Maintain" phase. Maintenance activities are required to minimise continued deterioration of an asset. As the asset components move towards the end of its life, activities are undertaken to restore the asset to a condition close to that of the original. This is referred to as the "Renewal" phase.

The importance of the time for intervention for renewal is paramount. If renewal activities are not undertaken in a timely manner, the condition of the asset will deteriorate rapidly to failure, and the cost of reconstruction may be many times that of renewal activities.

#### **1.6. Financial Summary**

Modelling based on current path condition indicates that annual funding of about \$270,000 is required to renew all 'failed' paths within 5 years. The annual depreciation of the current network is about \$880,000 and this gives an approximation of the required longer term funding need for path renewal. As the majority of the path network is relatively new (compared to the 50 year life of a concrete path) it is estimated that the higher funding level will not be required for about 25 to 30 years.

However, it is considered that the current funding level of \$100,000 (2007/08) should be raised to about \$300,000 over the next 5 years and then incrementally increased to \$880,000 by 2035.

Further review is required to develop a priority list for path renewal and prepare a 5 year strategy and the strategy will be reported to Council when completed.

It is to be noted that some of the paths requiring replacement are in Central Business Districts and funding for renewal is generally under the ‘Streetscapes’ capital program and the paths renewed in conjunction with other beautification works.

It is considered that a review should be undertaken with regard to preferred path surface type. This issue is already under discussion and may result in a review of DCP80 which specifies path surface types for commercial/business areas. The following table indicates the average annual depreciation for each path surface type based on the stated average useful life. It is to be noted that paver surfaces are 39% of the annual depreciation but only 14% of the total area. This is due to the higher whole of life cost of paver surfaces.

|                     |                  | <b>% Area</b> | <b>% Cost</b> |
|---------------------|------------------|---------------|---------------|
| Bitumen (35 years)  | \$28,444         | 4%            | 3%            |
| Concrete (50 years) | \$514,432        | 82%           | 58%           |
| Pavers (20 years)   | \$340,775        | 14%           | 39%           |
| <b>Total</b>        | <b>\$883,651</b> |               |               |

### **New Footpaths & Cycleways**

The PAMP includes a full list of identified projects for all additional footpaths and cycleways. Included in the attachments are the full project lists as well as the adopted 2007/08 projects and draft projects for 2008/09 and 2009/10. It is proposed to review annually draft 3 year programs for footpaths & cycleways in conjunction with the development of the draft 3 Year Management Plan and Budget.

At current funding levels (average of \$1Million/annum for 2007/10) it will take about 59 years to complete all projects. During this timeframe the funding for path renewal will need to increase and funding availability may not be sufficient to maintain the current funding level for new paths. The recent decision to rescind the Council Policy to levy a charge for new paths under Section 217 of the Roads Act 1993 has reduced funding availability by up to \$200,000/annum and further review of other funding sources such as Section 94 of the EP&A Act will be undertaken.

Grant funding is another source of additional funding and applications are made each year to the Roads & Traffic Authority (RTA) and the Department of Planning (DoP). However there is no guarantee of successful grant applications and this funding source is also limited in extent.

### **1.7. Asset Management Practices**

The operating/maintenance budget includes the following activities –



- Footpath Repairs – priority repair locations are determined in accordance with the Footpath Risk Management Procedure. The budget is developed to also include a target area of repairs.
- Footpath Shape & Grass – a budget allowance to build up footpath areas primarily to prevent stormwater flowing onto private properties.
- Footpath Mow - a budget allowance to respond to ad-hoc requests for mowing of footpaths that are not included in a regular mowing schedule.
- Footpath Poison – a budget allowance for controlling grass/weed growth within paved path surfaces
- Footpath Other – a budget allowance for undefined & unforeseen work activities
- Footpath Construct – a budget allowance for the provision of short sections of path where a high risk is identified during the budget year.

Modelling has been undertaken to determine annual funding for repairs based on achieving the target 'satisfactory level of service' within a five (5) year timeframe and modelling results indicate that an annual budget of \$306,000 is required.

The modelling also indicates that to maintain current network condition, annual funding of about \$170,000 for repairs and about \$200,000 for replacement (renewal) are required.

The 2007/08 budget is \$153,400 for repairs and \$100,000 for replacement. Accordingly additional funding is required to prevent further condition deterioration of the network and substantial additional funding is required to improve the network condition to a 'satisfactory level of service'. It is proposed to provide additional funding for Footpath Repairs in 2008/09 however sufficient funding to enable a 'satisfactory level of service' is unlikely to be available.

### **1.8. Monitoring and Improvement Programme**

An Asset Management Plan (AMP) is a dynamic document, reflecting and responding to changes over time and in accordance with the Improvement Programme available. Monitoring of an AMP is required to ensure compliance with the proposed improvement program milestone and to ensure compliance with adopted standards and procedures for condition and performance.

Ideally, full review of an AMP should be undertaken every three to five years to document progress and set out proposals for the next 10-15 years.

## **2. INTRODUCTION**

The current path network (footpaths & cycleways) consists of about 100Km or 195,133 sq. metres of paved paths. Council's Pedestrian Access & Mobility Plan (PAMP) identifies the need for an additional 242 Kms of Cycleway and 92 Kms of Footpath. The cost for provision of the identified new projects is about \$59Million and the current average annual funding is about \$1Million.

Based on the 'satisfactory levels of service' identified in this Plan, the current funding shortfalls are –

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| <b>Total</b>                 | <b>\$1,671,000</b>  | <b>\$1,365,400</b>                                  | <b>\$305,600</b>         |

Of concern is the expected future cost for path renewal which is expected to rise to over \$1Million/annum in about 25 to 30 years. Also of concern is the current funding level for 'Path Repairs' with the current funding insufficient to maintain existing overall condition.

Future actions identified in this Plan are –

- Review and prepare Footpath Renewal Strategy including 5 Year Program
- Review funding sources in particular grants and developer contributions
- Review DCP100 with regard to path specifications and extent to be provided as consent condition
- Review appropriate path surface material including a review of DCP80 and
- Review path age & replacement profile and confirm 50 year renewal funding needs.

## 2.1. Background

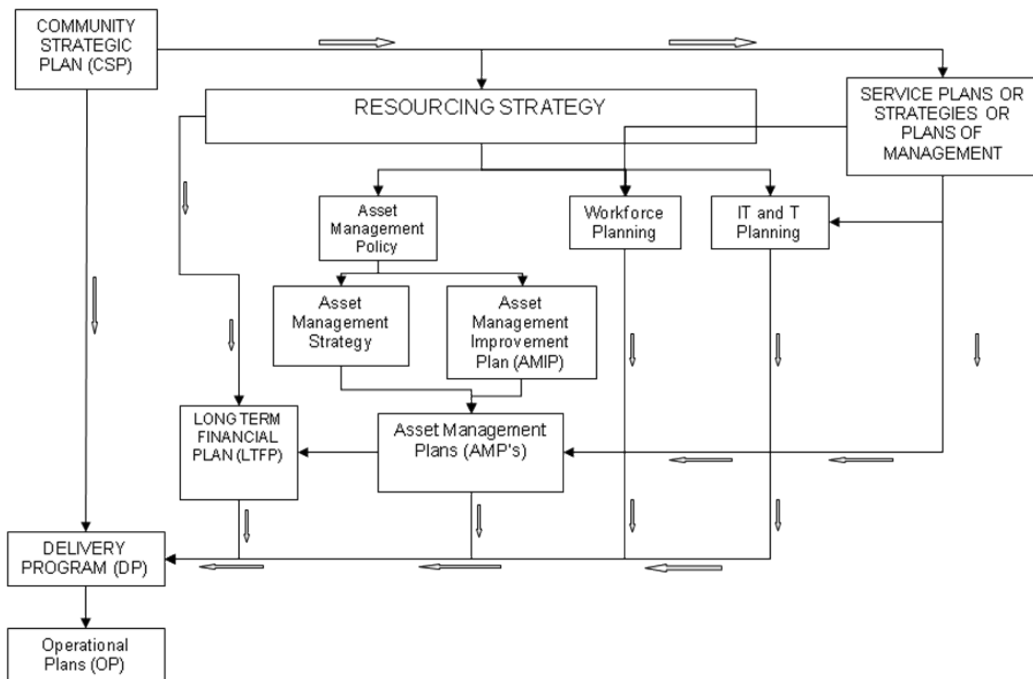
This Asset Management Plan (AMP) is to assist Council to meet its goals and objectives in a way that best serves the community. It provides a framework for future management of public amenities within the Council area based on current and historical information.

Council has over thirty (30) individual Asset Management Plans which based on asset types. An area, such as a sporting complex may consist of a few asset types. Therefore, each AMP is proposed to interrelate with one another in the future.

How the AMPs interrelate in Council's organisation chart to link with corporate and operational objectives is shown in the following figure:

| <b>Stakeholders</b>   | <b>Stakeholders Role</b>  |
|---|---|
| Service Managers  | Assist in determining the community levels of service for the assets  |
| Infrastructure Planning   | Development and implementation of asset management planning policies, processes, systems and document reviews |
| Infrastructure Planning – Facilities & Asset Management                       | Asset data management   |
| Corporate Asset Management Team<br>Asset Management Planning Committee (AMPC) | Provide administrative advice and document review   |
| City Services Group   | Operational input   |
| Finance and Corporate Group   | Financial data input  |
| Executive Group Directors   | Management Endorsement  |
| Elected Members (Councillors)   | Endorsement of finalised asset management plan  |

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The AMP should be read in conjunction with planning documents from the Community Strategic Plan (CSP), service plans, strategy plans and plans of management.

**2.2. Goals and Objectives of Asset Ownership**

Council has recognized that “walking” and “cycling” are legitimate forms of transport and also important as a recreational pursuit. To encourage “walking” and “cycling” Council is committed to providing footpath and shared path networks that remain relevant to existing and future land use and pedestrian user groups.

Council is also committed to ensuring that the networks are maintained to a high standard and in a manner that ensures available resources are effectively applied. It is recognized that it is neither reasonable nor practical to target zero trip hazards within the network however it is an objective to have minimal trip hazards.

The annual capital and maintenance programs need to allocate sufficient resources to ensure these objectives are obtained.

**2.3. Plan Framework**

The key elements that effects this AMP are:

Asset Management Policy

The policy is used as a base of principles and requirements to create an AMP that is in accordance with the organisation’s strategic plan. (2011, International Infrastructure Management Manual)

Asset Management Strategy

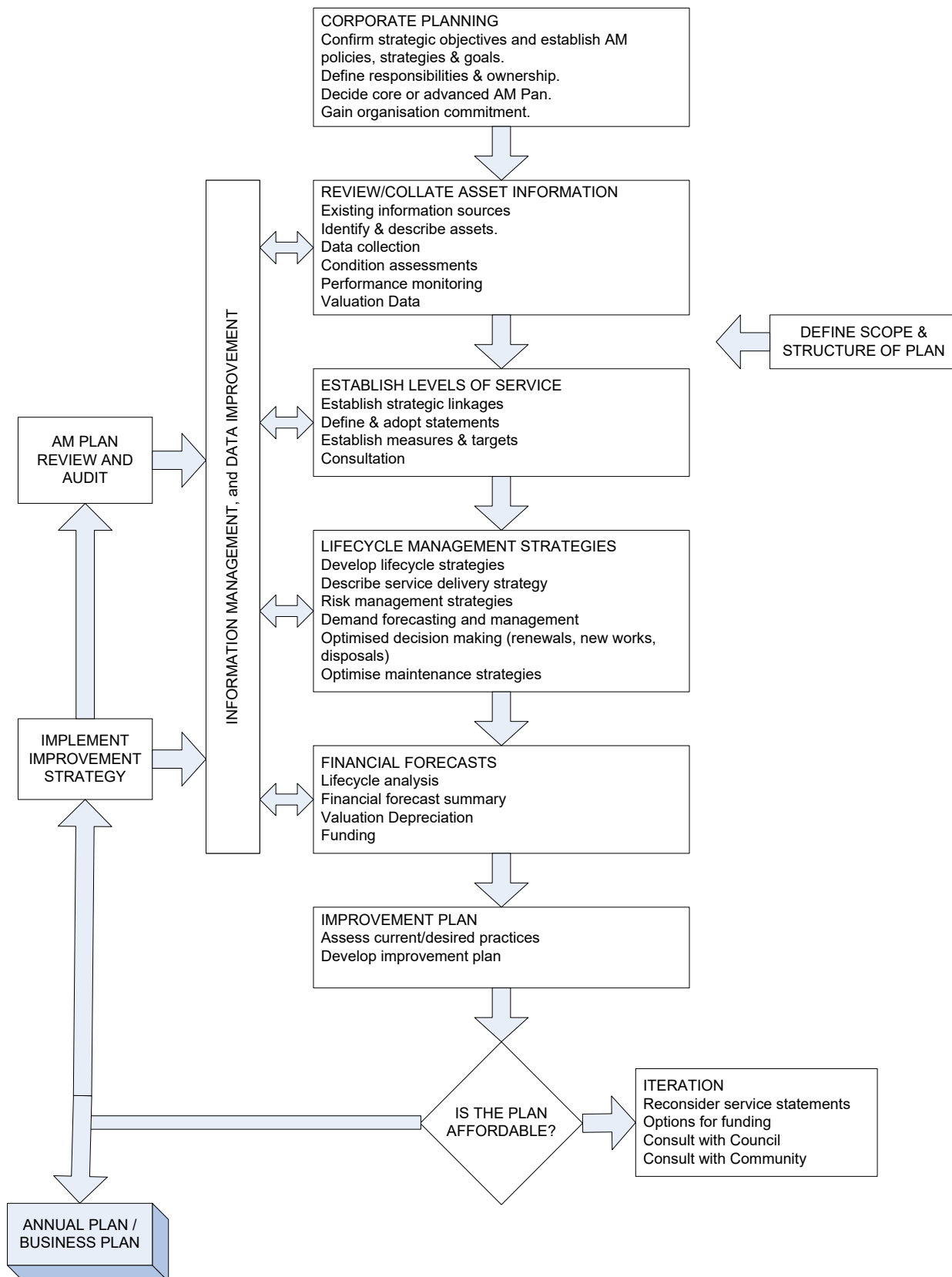
A strategy for asset management covering development and implementation of plans and programs for asset creation, operation, maintenance, rehabilitation/replacement,

disposal and performance monitoring to ensure desired level of service and other operational objectives are achieved at optimum cost.

The basic key elements of the AMP consists of:

- Level of service – specifying the services and levels of service to be provided by Council
- Future demand – how this will impact on future service delivery and how this is to be met
- Life cycle management – how Council will manage its existing and future assets to provide the required services
- Financial summary – what funds are required services
- Plan Improvement and Monitoring – how the plan will be monitored to ensure it is meeting Council’s objectives.
- A road map for preparing an asset management plan is shown below:

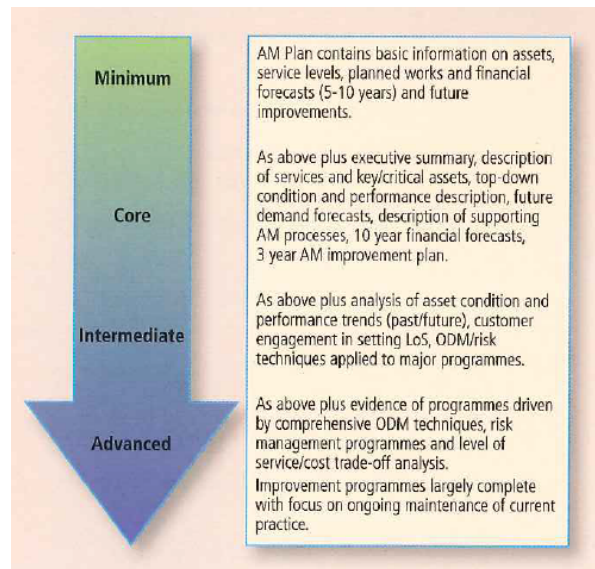
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**Road Map for preparing an Asset Management Plan**  
 Source: IPWEA, 2006, IIMM, Fig 1.5.1, p 1.11.

**2.4. Core and Advanced AM**

Asset Management Plans are a continuous document that will require ongoing evaluation. Currently, the level of this asset management plan is at the Core Level.



### 3. LEVELS OF SERVICE

#### 3.1. Customer Research and Expectations

The priority lists for new footpaths & cycleways has been placed on public exhibition in conjunction with the Pedestrian Access & Mobility Plan. The priority lists are also reviewed annually in conjunction with the public exhibition of the draft 3 Year Management Plan.

#### 3.2. Strategic and Corporate Goals

The AMP provides clear guidelines for the effective management of the assets owned and by Council. Local Authorities exist principally to supply core services that meet the needs of their communities.

Council's goal in managing assets is to meet the required level of service in a sustainable manner for present and future stakeholders. The key elements to strategic goals of asset management are:

- Demonstrating responsible stewardship;
- Taking a life cycle approach to asset ownership;
- Defining the infrastructure assets physically and financially;
- Providing a defined Level of Service and monitoring the performance against service levels and service expectations;
- Understanding and meeting the demands of growth through demand management and infrastructure investment;
- Managing risks associated with asset failure; and
- Support long term financial planning.

Council objective is to ensure financial strategies underpin Council's asset management policies and strategic. Its goal is to have long term vision for sustainability. In order to do so, the action that can be done is to prepare and review the Council's short and medium term financial plans for Risk Management; Plant & Equipment, Information Technology, Section 94; Asset Management Plans and case reverses.

Acting as a leader in the delivery of social, financial, environmental, and operational objectives, Council needs to ensure good governance and administrative support for the Council and organization.

Council's other goals are to plan, manage and fund Council's public assets to meet the community expectations and defined levels of services. Furthermore, the safety of the community is paramount and is acknowledged and supported through proactive policies, programs and strategies.

### 3.3. Legislative Requirements

| Legislation  | Requirement  |
|--|--|
| National Asset Management Framework Legislation 2010             | Focuses on long term financial sustainability and provides a mandate to have a long term strategy, financial statements and annual reporting mechanisms.   |
| DLG Integrated Planning NSW                                      | Key requirement is to integrated community plans with operational and delivery plans   |
| Local Government Act 1993  | Sets out role, purpose, responsibilities and powers of local governments including the preparation of a long term financial plan supported by asset management plans for sustainable service delivery  |
| Occupational Health and Safety Act 2000                          | Aims to secure the health, safety and welfare of people at work. It lays down general requirements which must be met at places of work in New South Wales. The provisions of the Act cover every place of work in New South Wales. The Act covers self employed people as well as employees, employers, students, contractors and other visitors.  |
| Occupational Health and Safety Regulation 2001                   | Regulations on the control and management or risk in the work place  |
| The Protection of the Environment Operations Act 1997 (POEO Act) | Is the key piece of environment protection legislation administered by Department of the Environment and Climate Change (DECC). The POEO Act enables the Government to set out explicit protection of the environment policies (PEPs) and adopt more innovative approaches to reducing pollution.  |
| Disability Discrimination Act                                    | Sets out responsibilities of Council and staff in dealing with access and use of public infrastructure   |
| Australian Accounting Standards                                  | Sets out the financial reporting standards relating to infrastructure assets. Standards of particular relevance to Infrastructure Assets include:<br>AASB116 Property, Plant & Equipment - prescribes requirement for recognition and depreciation of property, plant and equipment assets<br>AASB136 Impairment of Assets - aims to ensure that assets are carried at amounts that are not in excess of their recoverable amounts<br>AASB1021 Depreciation of Non-Current Assets - specifies how depreciation is to be calculated<br>AAS1001 Accounting Policies - specifies the policies that Council is to have for recognition of assets and depreciation<br>AASB1041 Accounting for the reduction of Non-Current Assets - specifies the frequency and basis of calculation depreciation and revaluation basis used for assets<br>AAS1015 Accounting for acquisition of assets - method of allocating the value to new assets on acquisition |
| Crown Lands Act 1989   | Defined principles for the use and management of Crown land which may be under Trust to Council, they may prescribe:<br>Lease & licences of Crown Lands (Part 4, Division 3 & 4); and<br>Plans of Management for Crown Lands (Part 5, Division 6)  |
| AS 2560 Series of sports lighting standards                      | Defines appropriate levels of lighting for training / competition purposes for various sporting codes  |
| AS 2560.2.1.2003 Sports Lighting Tennis Courts                   | Defines appropriate levels of lighting for training / competition for tennis court facilities  |
| AS 2560.2.4 Outdoor Netball/Basketball Lighting                  | Defines appropriate levels of lighting for training / competition purposes for netball and basketball court facilities   |
| AS 3600-2001 Concrete Structures                                 | Proposes a set of standard for achieving a design life of 40-60 years for concrete structures.   |

### 3.4. Current Level of Service



The preferred internal service provider, Works & Services Section (W&S), under the Roads Service Agreement, currently undertakes all maintenance activities in accordance with the Footpath Risk Management Procedure.

Service delivery under the Service Agreement will be monitored by unit cost of repairs, random audits of quality and achievement of specified annual repair quantity.

The provision of new paths will generally be undertaken in accordance with the adopted Capital Works Program by W&S. However external quotations are called depending on resource availability and required timeframes and to also confirm market best price. In 2007/08 tenders are to be called for about \$600,000 of (new) path projects and the outcome of the tenders will guide the competitive provision of works for future years.

### **3.5. Desired Level of Service**

At present, indications of meeting or understanding the desired Levels of Service are obtained from various sources including meetings and consultations with Management Committees.

The main framework of desired Level of Service is stated as follows:

- Service attributes : Aspects or characteristic of a service which includes accessibility, cost, efficiency, quality, quantity, reliability, responsiveness and safety
- Levels of Service : What Council intends to deliver that is based on the community's point of view
- Community performance measure : How the community receives or reacts to the service
- Technical Performance Measure : What Council does to deliver the service, which includes operation and maintenance

(International Infrastructure Management Manual, 2011)

The action that has been undertaken is a survey to the community and data research has been undertaken to discover information of desired level of service. The data collected synchronize with the performance measure so that the desired level of service is reached.

Whilst it is understood that all of these elements have been considered in past decisions that have led to the current management practices for the supply and operational practices it is recommended that the principles in the draft DCP 111 'Crime Prevention through Environmental Design' be considered in future designs.

## **4. FUTURE DEMANDS**

The adopted Pedestrian Access and Mobility Plan (PAMP) details the required footpath and cycleway networks. The PAMP was formally adopted by Council in 2006 following public exhibition. The capital strategies for new footpaths & cycleways identifies main routes. It is recognised that further priority projects will be identified over time and the strategies amended.

Council has recognised the importance of extending the path network and has increased capital funding as well as a special (loan funded) program in 2007/08 of \$1Million.

The PAMP has identified the following needs for the provision of new paths –

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At current funding levels (average 2007/10) it will be about 59 years before the current identified needs are completed. Accordingly, it is essential that the projects to be included in annual works programs are carefully considered to ensure the highest needs are undertaken.

#### **4.1. Demand Drivers**

Demands are usually impacted by a number of components which includes:

- Population or demographic changes
- Changes in community's expectation
- Changes in usage pattern
- Seasonal variation
- Cyclical variations
- Random variations which cannot be attributed to specific causes

#### **4.2. Demand Forecasts**

Any enhancements of the existing facilities would need to be justified in relation to upgrading existing facilities which would provide an increase in the "level of service" rather than a maintenance activity which would be prolongs useful life of the court and playing surface.

Population growth alone is not the sole driver for court assets. Population growth can create demand for new dwellings and associated infrastructure. Factors affecting demand for courts include population growth and density; changes in demographics; seasonal factors; social and economic factors; environmental awareness and technological changes.

The provision of courts is an essential element to the contemporary community's lifestyle. Council's courts also provide a means for the Council to administer and manage the function and role Council has in providing services to the community.

#### **4.3. Demand Impacts on Assets**

Demands are usually impacted by a number of components which includes:

- Population or demographic changes
- Changes in community's expectation
- Changes in usage pattern
- Seasonal variation
- Cyclical variations
- Random variations which cannot be attributed to specific causes

Effective asset utilisation seeks to provide the maximum return on funds invested in assets. Over-utilisation can cause failure to achieve levels of service due to asset 'capacity failure'. Under-utilisation of an asset is also a 'capacity failure' and represents a lack of demand for the service the asset provides causing a less than cost effective level of utilisation. (International Infrastructure Management Manual, 2011)

#### **4.4. Demand Management Plan**

Strategies for ensuring that assets are well utilised include:

- Effective demand forecasting before creating new assets, to ensure asset capacity and demand requirements are matched
- Maximising the asset utilisation by providing other assets to meet the demand or operational asset solutions to improve overall asset capacity and hydraulic performance
- Management of customer demand, to reduce demand for over-utilised assets or vice versa

(International Infrastructure Management Manual, 2011)

Demand for new and enhanced services will be managed through a combination of managing existing assets, upgrading existing assets and providing new assets to meet demand and demand management. Demand management practice including non-asset solutions, insuring against risks and managing failures.

The planning for infrastructure due to demand is a constant process of review and assessment of existing infrastructure and its ability to cope with increasing demand, versus the need to augment with new infrastructure.

Demand on infrastructure is created through increased utilisation generated from a growing population and changing patterns of behaviour, ranging from social demographics to transport options and solutions. Often this increasing demand will stem from urban or residential growth increasing the utilisation of a range of community infrastructure.

Council develops strategies for demand management on single or groups of affected assets and continues to manage the relationship between existing and new asset requirements in the context of asset management. This demand management also includes asset rationalisation as discussed in this plan.

#### **4.5. Asset Programmes to Meet Demand**

Any enhancements of the existing facilities would need to be justified in relation to upgrading existing facilities which would provide an increase in the “level of service” rather than a maintenance activity which would prolong useful life of the building.

#### 4.5.1. Section 94 – Contributions Plan 2010

The Section 94 Contributions Plan effective from March 2011 for Community Facilities identifies the current proposed projects and provides a detailed estimate of costs for implementation and construction. Due to Councils rationalisation of child care provisions throughout Planning Area 1 all previously identified projects associated with preschools and child care centres were deleted. The contributions for those projects will be transferred to a new project being the Northern Shoalhaven Integrated Children’s Service Centre; this new project will serve Planning Areas 1, 2, 3 and 4. Also deleted from the plan are a number of projects already complete.

### 5. LIFECYCLE MANAGEMENT PLAN

#### 5.1. Background Data

##### 5.1.1. Physical Parameters

Further information will be provided in the next AMP

##### 5.1.2. Asset Capacity / Performance

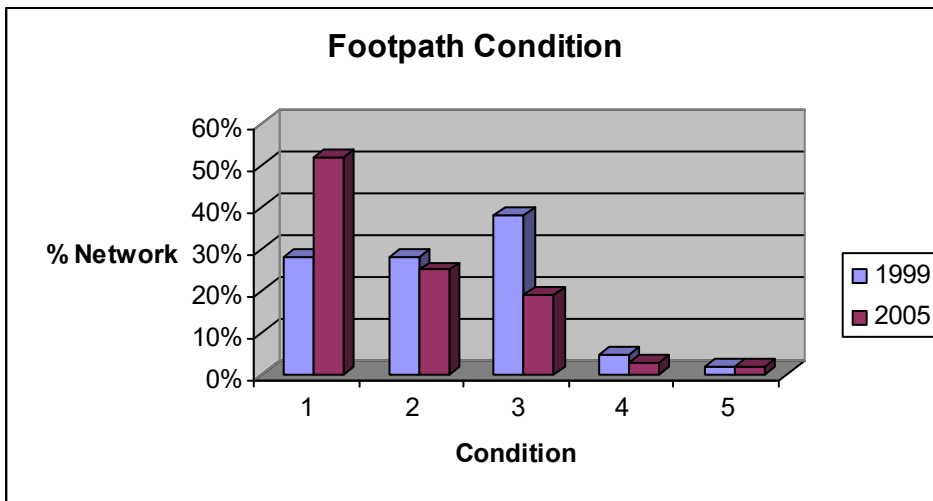
Further information will be provided in the next AMP

##### 5.1.3. Asset Condition

As at August, 2005 the footpath network consisted of 100Km or 195,133 sq. metres of paved paths. Attached are condition charts for each surface type (concrete, asphalt, pavers) and the overall footpath network condition was :

| CONDITION      | AREA           | %   |
|----------------|----------------|-----|
| 1 (new)        | 101,181        | 52% |
| 2 (good)       | 48,009         | 25% |
| 3 (fair)       | 36,276         | 19% |
| 4 (poor)       | 6,190          | 3%  |
| 5 (failed)     | 3,477          | 2%  |
| <b>TOTALS:</b> | <b>195,133</b> |     |

Although this data is about 2 years old, it is suitable to determine condition change trends and approximate funding needs to achieve ‘satisfactory level of service’. Based on condition audits in 1999 & 2005 there has been an improvement in overall network condition as indicated in the following chart:



The change in network condition is primarily due to the increase in new paths over the past 6 years as well as increased emphasis (and budget) on repairs.

Although the proportion of “Failed” path is minimal there is 24% of the network in “Fair” condition or worse. This level is considered unacceptable particularly with regard to the extent of reported “slips & falls” and sufficient resources need to be provided to improve the overall network condition.

It is proposed that Council determine ‘satisfactory level of service’ for the footpath network as –

- 95% of concrete & bitumen paths to be in Condition ‘Good’ or better
- 100% of paver paths to be in Condition ‘Good’ or better

The higher ‘level of service’ for paver paths has been proposed as this surface type is generally situated in Central Business Districts or other high use locations and thus is of higher priority with regard to condition to mitigate ‘slips & falls’.

#### 5.1.4. Asset Valuations

Further information will be provided in the next AMP

#### 5.1.5. Historical Data

Further information will be provided in the next AMP

## 5.2. Infrastructure Risk Management Plan

There are two main risks that Council is facing as follows:

- **Strategic Risk** – Risk managed through Council’s annual Risk Management Plan due to the potential affect a failure in this area can have on Council’s operations
- **Operational Risk** – Risks that relate to the day-to-day operations of Council. Operational risk arises from inadequate internal controls, inadequate or no documentation, poor planning and implementation, or inadequate supervision.

The 'Defect and Risk Management Inspection Procedure' specifies the following inspection frequencies for tennis and netball courts –

- Defect Inspections - Every two (2) years and,
- Hazard Inspections – by the management committee with some monitoring and auditing by Council staff.

Any hazards identified will be prioritised and undertaken as either “Urgent Maintenance” or listed and undertaken as “Programmed Maintenance” in accordance with the timeframes adopted by Council for the defect priority.

This risk management section of the asset management plan concentrates on identification of practical risks at the asset level. An assessment of the risks associated with the service delivery of building assets has identified some critical risks to Council. The risk assessment process:

- Identifies credible risks;
- The likelihood of the risk event occurring;
- The consequences should the event occur;
- Develops a risk rating; and
- Evaluates the risk and develops a risk treatment plan for non-acceptable risks.

A 'Footpath Risk Management Procedure (revision 2)' was adopted by Council in November, 2006. The procedure was developed to enable a clear process for the identification and treatment of 'trip points'. The procedure can be viewed on Council's Internet site and details the methodology for rating path repairs based on the extent of defects and the extent of pedestrian usage. A prioritised list of repairs is prepared annually and issued for implementation to the extent of available funds. Defect audits are undertaken by asset staff and all defects recorded electronically using GPS units to mark locations. The frequencies of audits are –

- High usage paths – yearly
- Medium usage paths – every 2 years
- Low usage paths – every 5 years.

Additionally, all Central Business Districts are inspected monthly and any severe hazards identified (separate to the above audits) are scheduled for repair.

### **5.3. Routine Operations and Maintenance Plan**

Maintenance activities will be undertaken by our internal service provider Works and Operations section (W&O), or under contract, depending on availability of resources, skills required and cost considerations. Works will be performed in accordance with the Defect and Risk Management Inspection Procedure and this Asset Management Plan.

The Service Agreement will include a financial provision for 'Programmed Maintenance' from a prioritized list of defects as well as provision for urgent repairs arising from hazard inspections, customer reporting or cyclic defect/condition inspections.

#### **5.3.1. Operations and Maintenance Plan**

Further information will be provided in the next AMP

### 5.3.2. Operations and Maintenance Strategies

The operating/maintenance budget includes the following activities –

- Footpath Repairs – priority repair locations are determined in accordance with the Footpath Risk Management Procedure. The budget is developed to also include a target area of repairs.
- Footpath Shape & Grass – a budget allowance to build up footpath areas primarily to prevent stormwater flowing onto private properties.
- Footpath Mow - a budget allowance to respond to ad-hoc requests for mowing of footpaths that are not included in a regular mowing schedule.
- Footpath Poison – a budget allowance for controlling grass/weed growth within paved path surfaces
- Footpath Other – a budget allowance for undefined & unforeseen work activities
- Footpath Construct – a budget allowance for the provision of short sections of path where a high risk is identified during the budget year.

Modelling has been undertaken to determine annual funding for repairs based on achieving the target 'satisfactory level of service' within a five (5) year timeframe and modelling results indicate that an annual budget of \$306,000 is required.

The modelling also indicates that to maintain current network condition, annual funding of about \$170,000 for repairs and about \$200,000 for replacement (renewal) are required.

The 2007/08 budget is \$153,400 for repairs and \$100,000 for replacement. Accordingly additional funding is required to prevent further condition deterioration of the network and substantial additional funding is required to improve the network condition to a 'satisfactory level of service'. It is proposed to provide additional funding for Footpath Repairs in 2008/09 however sufficient funding to enable a 'satisfactory level of service' is unlikely to be available.

### 5.3.3. Summary of Future Costs

Further information will be provided in the next AMP

## **5.4. Renewal / Replacement Plan**

### 5.4.1. Renewal Plan

Further information will be provided in the next AMP

### 5.4.2. Renewal Strategies

#### **Renewal (replacement)**

Modelling based on current path condition indicates that annual funding of about \$270,000 is required to renew all 'failed' paths within 5 years. The annual depreciation of the current network is about \$880,000 and this gives an approximation of the required longer term funding need for path renewal. As the majority of the path network is relatively new

(compared to the 50 year life of a concrete path) it is estimated that the higher funding level will not be required for about 25 to 30 years.

However, it is considered that the current funding level of \$100,000 (2007/08) should be raised to about \$300,000 over the next 5 years and then incrementally increased to \$880,000 by 2035.

Further review is required to develop a priority list for path renewal and prepare a 5 year strategy and the strategy will be reported to Council when completed.

It is to be noted that some of the paths requiring replacement are in Central Business Districts and funding for renewal is generally under the 'Streetscapes' capital program and the paths renewed in conjunction with other beautification works.

It is considered that a review should be undertaken with regard to preferred path surface type. This issue is already under discussion and may result in a review of DCP80 which specifies path surface types for commercial/business areas. The following table indicates the average annual depreciation for each path surface type based on the stated average useful life. It is to be noted that paver surfaces are 39% of the annual depreciation but only 14% of the total area. This is due to the higher whole of life cost of paver surfaces.

|                     |                  | <b>% Area</b> | <b>% Cost</b> |
|---------------------|------------------|---------------|---------------|
| Bitumen (35 years)  | \$28,444         | 4%            | 3%            |
| Concrete (50 years) | \$514,432        | 82%           | 58%           |
| Pavers (20 years)   | \$340,775        | 14%           | 39%           |
| <b>Total</b>        | <b>\$883,651</b> |               |               |

### **New Footpaths & Cycleways**

The PAMP includes a full list of identified projects for all additional footpaths and cycleways. Included in the attachments are the full project lists as well as the adopted 2007/08 projects and draft projects for 2008/09 and 2009/10. It is proposed to review annually draft 3 year programs for footpaths & cycleways in conjunction with the development of the draft 3 Year Management Plan and Budget.

At current funding levels (average of \$1Million/annum for 2007/10) it will take about 59 years to complete all projects. During this timeframe the funding for path renewal will need to increase and funding availability may not be sufficient to maintain the current funding level for new paths. The recent decision to rescind the Council Policy to levy a charge for new paths under Section 217 of the Roads Act 1993 has reduced funding availability by up to \$200,000/annum and further review of other funding sources such as Section 94 of the EP&A Act will be undertaken.

Grant funding is another source of additional funding and applications are made each year to the Roads & Traffic Authority (RTA) and the Department of Planning (DoP). However there is no guarantee of successful grant applications and this funding source is also limited in extent.

#### **5.4.3. Summary of Future Costs**

Further information will be provided in the next AMP



## 5.5. Creation / Acquisition / Augmentation Plan

### 5.5.1. Selection Criteria

Further information will be provided in the next AMP

### 5.5.2. Capital Investment Strategies

Further information will be provided in the next AMP

### 5.5.3. Summary of Future Costs

Further information will be provided in the next AMP

## 5.6. Disposal Plan

It is unlikely that paths will not be replaced and asset disposal is unlikely. However, the need for paths is reviewed at time of replacement and if the path is of low need the option of non-replacement will be reviewed with the community.

## 6. FINANCIAL SUMMARY

### 6.1. Financial Statements and Projections

The following 'levels of service' are recommended –

- Path Repairs
  - Within 5 years
    - 95% of concrete and bitumen paths to be in 'Good Condition (Condition 2) or better
    - 100% of paver paths to be in 'Good Condition (Condition 2) or better
- Path Renewal
  - Within 5 years, replace all currently identified failed paths
  - After 5 years, provide sufficient annual funding to replace paths as they are deemed to have failed.
- New Footpaths & Cycleways
  - Provide all currently identified new paths within 59 years.

The following table identifies the annual funding needs based on the above 'levels of service'. Future review will be required in 5 to 10 years once there is a clearer indication of the rate of failure of the existing path network.

| Activity                     | Ideal Funding Level | 2007/08 Funding Level (average 2007/10 for capital) | Annual Funding Shortfall |
|------------------------------|---------------------|---|--------------------------|
| <b>Maintenance/Operating</b> |                     |   |                          |
| Path Repairs                 | \$306,000           | \$153,400   | \$152,600                |
| Path Shape & Grass           | \$20,000            | \$20,000  | \$0                      |
| Path Mow                     | \$40,000            | \$40,000  | \$0                      |
| Path Poison                  | \$10,000            | \$10,000  | \$0                      |
| Path Other                   | \$10,000            | \$10,000  | \$0                      |

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*Asset Management Plan – Footpaths and Cycleways*

|                |                    |                    |                  |
|----------------|--------------------|--------------------|------------------|
| Path Construct | \$15,000           | \$15,000           | \$0              |
| Sub-total      | \$401,000          | \$248,400          | \$152,600        |
| <b>Capital</b> |                    |                    |                  |
| Path Renewal   | \$270,000          | \$117,000          | \$153,000        |
| New Paths      | \$1,000,000        | \$1,000,000        | \$0              |
| Sub-total      | \$1,270,000        | \$1,117,000        | \$153,000        |
| <b>Total</b>   | <b>\$1,671,000</b> | <b>\$1,365,400</b> | <b>\$305,600</b> |

Funding availability is not currently available to provide higher funding levels. However, consideration will be given in the draft 2008/09 Budget to the provision of additional funds for 'Path Repairs' and 'Path Renewal'.

## 6.2. Funding Strategy

Further information will be provided in the next AMP

## 6.3. Valuation Forecasts

According to Australian Accounting Standard (AASB) 116, asset classes only need to be revalued if there have been material change otherwise it is every five (5) years. The due date of revaluation to each asset class is shown below:

**Table 8: Fair Valuation – Infrastructure, property, plant and equipment**

| Asset Class  | Due       |
|--|-----------|
| Water & Sewer  | 30-Jun-12 |
| Property, plant and equipment, operational land, buildings | 30-Jun-13 |
| Roads, bridges, footpaths, drainage, bulk earth works      | 30-Jun-15 |
| Community land, other assets, land improvement             | 30-Jun-16 |

## 6.4. Key Assumptions Made in Financial Forecasts?

Key assumptions made in presenting the information in this AMP and in preparing forecast of required operating and capital expenditure and asset values, depreciation expenses and carrying amount estimates are detailed below. They are presented to enable readers to gain an understanding of the levels of confidence in the data behind the financial forecast.

Key assumption:

- Average useful lives and average remaining lives of the asset classes are based on current local knowledge and experience, historical trends and accepted industry practice. These need to be reviewed and the accuracy improved, based on regular re-assessment of asset deterioration.
- Reviews of the effective useful lives of assets and population/demographic changes have the potential for greatest variance in future cost predictions.
- Changes in development needs associated with the rate and location of growth and changes in the desired level of service and service standards from those identified in the AMP, will both impact on future funding.

Accuracy of future financial forecasts may be improved in future revisions of the plan by the following actions:

- Implementation of a job costing system to incorporate continuously current unit rate data.
- More refined condition rating data with more history for reference.
- Greater degree of componentisation in the rating process.
- Development of better degradation models through national research and development programs.
- Development of better financial models through collaborative processes.
- Implementation of an asset information system.

Specific annual maintenance and renewal cost trends are detailed for each asset category in the relevant sections.

### **6.5. Forecast Reliability and Confidence**

The Long Term Financial Plan has been developed using the Conquest Asset Register, TRIM Records Management and FIS Financial System. These softwares provide historical information, coupled with valuations, capital and operations budget analysis, using the combined information held in the financial system. Asset renewal analysis has also been completed on a lifecycle management basis based on information provided by Conquest asset register, MERIT requesting system and Maintenance Management System (MMS)

The finance system is the responsibility of the Finance section and the asset register (Conquest) is maintained by Infrastructure Group. The requesting system (MERIT) is maintained by Information Technology section. The MMS is maintained by Works and Services section.

## **7. PLAN IMPROVEMENT AND MONITORING**

This section of the AMP outlines any asset management practices and improvements that have arisen during the process of documenting this first plan and can be incorporated into the organisation's methodology for further enhancement to the asset management practice as the second tier asset management plan is undertaken.

### **7.1. Status of AM Practices**

It is desirable to have an asset management practice that indicates sound governance and accountability; more sustainable decisions, enhanced customer service, effective risk management; and improved financial efficiency.

### **7.2. Improvement Programme**

System integration is significant to be improved within Council. This includes linking the Asset Register (Conquest) to Strategic Planning Systems (Maloney Modelling Tool), Works Management Systems (MMS), Asset Costing Systems (Knowledge Base), Customer Request Systems (Merit), Plans & Records Management (Drawing Catalogue), Electronic Data Management System (EDMS/TRIM), Financial Information System (SUN/FIS) and Spatial Mapping Systems (ESRI/GIS).

### **7.3. Monitoring and Review Procedures**

Regular monitoring and review of this AMP is essential in order to ensure the document is able to continue to provide strategic guidance in the sustainable management of Council's open space and recreational assets. This is the second version of the AMP and it will be reviewed and further developed over the next few years with further detailed information for an advanced AMP.

#### **7.4. Performance Measures**

The following Key Performance Indicators will be used to gauge satisfactory outcomes from this Asset Management Plan –

- Number of reported “slips & falls”.
- % of total network in Condition 2 (Good) or better as at 30<sup>th</sup> June each year.
- Unit cost of repairs and
- Annual repair quantity.

### **8. REFERENCES**

- IPWEA, 2006, 'International Infrastructure Management Manual', Institute of Public Works Engineering Australia, Sydney, [www.ipwea.org.au/IIMM](http://www.ipwea.org.au/IIMM)
- IPWEA, 2008, 'NAMS.PLUS Asset Management', Institute of Public Works Engineering Australia, Sydney, [www.ipwea.org.au/namsplus](http://www.ipwea.org.au/namsplus)
- IPWEA, 2009, 'Australian Infrastructure Financial Management Guidelines', Institute of Public Works Engineering Australia, Sydney, [www.ipwea.org.au/AIFMG](http://www.ipwea.org.au/AIFMG).
- IPWEA, 2011, 'International Infrastructure Management Manual', Institute of Public Works Engineering Australia, Sydney, [www.ipwea.org.au/IIMM](http://www.ipwea.org.au/IIMM)

### **9. APPENDICES**

#### **9.1. Glossary (sourced from IIMM 2011)**

##### **Age**

The current date less year when asset was constructed

##### **AMP**

Asset Management Plan

##### **Annual service cost (ASC)**

###### **1) Reporting actual cost**

The annual (accrual) cost of providing a service including operations, maintenance, depreciation, finance/opportunity and disposal costs less revenue.

###### **2) For investment analysis and budgeting**

An estimate of the cost that would be tendered, per annum, if tenders were called for the supply of a service to a performance specification for a fixed term. The Annual Service Cost includes operations, maintenance, depreciation, and finance / opportunity and disposal costs, less revenue.

##### **Asset condition assessment**

The process of continuous or periodic inspection, assessment, measurement and interpretation of the resultant data to indicate the condition of a specific asset so as to determine the need for some preventative or remedial action.

**Asset management**

A systematic process to guide the planning, acquisition, operation and maintenance, renewal and disposal of asset based on the combination of management, financial, economic, engineering and other practices applied to physical assets with the objective of providing the required level of service in the most cost effective manner.

**Asset**

A resource controlled by an entity as a result of past events and from which future economic benefits are expected to flow to the entity. Infrastructure assets are a sub-class of property, plant and equipment which are non-current assets with a life greater than 12 months and enable services to be provided.

**Asset category**

Sub-group of assets within a class hierarchy for financial reporting and management purposes.

**Asset class**

A group of assets having a similar nature or function in the operations of an entity, and which, for purposes of disclosure, is shown as a single item without supplementary disclosure.

**Asset condition assessment**

The process of continuous or periodic inspection, assessment, measurement and interpretation of the resultant data to indicate the condition of a specific asset so as to determine the need for some preventative or remedial action.

**Asset Register**

A record of asset information including condition, construction, financial, historical, inventory and technical details

**Asset renewal funding ratio**

The ratio of the net present value of asset renewal funding accommodated over a 10 year period in a long-term financial plan relative to the net present value of projected capital renewal expenditures identified in an asset management plan for the same period [AIFMG Financial Sustainability Indicator No 8].

**Average annual asset consumption (AAAC)\***

The amount of an organisation's asset base consumed during a reporting period (generally a year). This may be calculated by dividing the depreciable amount by the useful life (or total future economic benefits/service potential) and totalled for each and every asset OR by dividing the carrying amount (depreciated replacement cost) by the remaining useful life (or remaining future economic benefits/service potential) and totalled for each and every asset in an asset category or class.

**Borrowings**

A borrowing or loan is a contractual obligation of the borrowing entity to deliver cash or another financial asset to the lending entity over a specified period of time or at a specified point in time, to cover both the initial capital provided and the cost of the interest incurred for providing this capital. A borrowing or loan provides the means for the borrowing entity to finance outlays (typically physical assets) when it has insufficient funds of its own to do so, and for the lending entity to make a financial return, normally in the form of interest revenue, on the funding provided.

**Capital expansion expenditure**

Expenditure that extends an existing asset, at the same standard as is currently enjoyed by residents, to a new group of users. It is discretionary expenditure, which increases future operating, and maintenance costs, because it increases council's asset base, but may be associated with additional revenue from the new user group, e.g. extending a drainage or road network, the provision of an oval or park in a new suburb for new residents.

**Capital expenditure**

Relatively large (material) expenditure, which has benefits, expected to last for more than 12 months. Capital expenditure includes renewal, expansion and upgrade. Where capital projects involve a combination of renewal, expansion and/or upgrade expenditures, the total project cost needs to be allocated accordingly.

**Capital expenditure - expansion**

Expenditure that extends the capacity of an existing asset to provide benefits, at the same standard as is currently enjoyed by existing beneficiaries, to a new group of users. It is discretionary expenditure, which increases future operations and maintenance costs, because it increases the organisation's asset base, but may be associated with additional revenue from the new user group, e.g. extending a drainage or road network, the provision of an oval or park in a new suburb for new residents.

**Capital expenditure - new**

Expenditure which creates a new asset providing a new service/output that did not exist beforehand. As it increases service potential it may impact revenue and will increase future operations and maintenance expenditure.

**Capital expenditure - renewal**

Expenditure on an existing asset or on replacing an existing asset, which returns the service capability of the asset up to that which it had originally. It is periodically required expenditure, relatively large (material) in value compared with the value of the components or sub-components of the asset being renewed. As it reinstates existing service potential, it generally has no impact on revenue, but may reduce future operations and maintenance expenditure if completed at the optimum time, e.g. resurfacing or resheeting a material part of a road network, replacing a material section of a drainage network with pipes of the same capacity, resurfacing an oval.

**Capital expenditure - upgrade**

Expenditure, which enhances an existing asset to provide a higher level of service or expenditure that, will increase the life of the asset beyond that which it had originally. Upgrade expenditure is discretionary and often does not result in additional revenue unless direct user charges apply. It will increase operations and maintenance expenditure in the future because of the increase in the organisation's asset base, e.g. widening the sealed area of an existing road, replacing drainage pipes with pipes of a greater capacity, enlarging a grandstand at a sporting facility.

**Capital funding**

Funding to pay for capital expenditure.

**Capital grants**

Monies received generally tied to the specific projects for which they are granted, which are often an upgrade and/or expansion or new investment proposals.

**Capital investment expenditure**

See capital expenditure definition.

**Capitalisation threshold**

The value of expenditure on non-current assets above which the expenditure is recognised as capital expenditure and below which the expenditure is charged as an expense in the year of acquisition.

**Carrying amount**

The amount at which an asset is recognised after deducting any accumulated depreciation/ amortisation and accumulated impairment losses thereon.

**Capital new expenditure**

Expenditure which creates a new asset providing a new service to the community that did not exist beforehand. As it increases service potential it may impact revenue and will increase future operating and maintenance expenditure.

**Capital renewal expenditure**

Expenditure on an existing asset, which returns the service potential or the life of the asset up to that which it had originally. It is periodically required expenditure, relatively large (material) in value compared with the value of the components or subcomponents of the asset being renewed. As it reinstates existing service potential, it has no impact on revenue, but may reduce future operating and maintenance expenditure if completed at the optimum time, e.g. resurfacing or resheeting a material part of a road network, replacing a material section of a drainage network with pipes of the same capacity, resurfacing an oval. Where capital projects involve a combination of renewal, expansion and/or upgrade expenditures, the total project cost needs to be allocated accordingly.

**Capital upgrade expenditure**

Expenditure, which enhances an existing asset to provide a higher level of service or expenditure which will increase the life of the asset beyond that which it had originally intended. Upgrade expenditure is discretionary and often does not result in additional revenue unless direct user charges apply. It will increase operating and maintenance expenditure in the future because of the increase in the council's asset base, e.g. widening the sealed area of an existing road, replacing drainage pipes with pipes of a greater capacity, enlarging a grandstand at a sporting facility. Where capital projects involve a combination of renewal, expansion and/or upgrade expenditures, the total project cost needs to be allocated accordingly.

**Capital Works**

The creation of new assets or an increase in the capacity of existing assets beyond their original design capacity or service potential.

**Carrying amount**

The amount at which an asset is recognised after deducting any accumulated depreciation / amortisation and accumulated impairment losses thereon.

**Component**

An individual part of an asset which contributes to the composition of the whole and can be separated from or attached to an asset or a system.

**Conquest**

An asset management software package that includes Council's Asset Register and Asset Maintenance System



### **Core asset management**

Asset management which relies primarily on the use of an asset register, maintenance management systems, job resource management, inventory control, condition assessment, simple risk assessment and defined levels of service, in order to establish alternative treatment options and long-term cashflow predictions.

Priorities are usually established on the basis of financial return gained by carrying out the work (rather than detailed risk analysis and optimised decision-making).

### **Cost of an asset**

The amount of cash or cash equivalents paid or the fair value of the consideration given to acquire an asset at the time of its acquisition or construction, plus any costs necessary to place the asset into service. This includes one-off design and project management costs.

### **Council**

Shoalhaven City Council

### **Critical assets**

Assets for which the financial, business or service level consequences of failure are sufficiently severe to justify proactive inspection and rehabilitation. Critical assets have a lower threshold for action than non-critical assets.

### **Current replacement cost (CRC)**

The cost the entity would incur to acquire the asset on the reporting date. The cost is measured by reference to the lowest cost at which the gross future economic benefits could be obtained in the normal course of business or the minimum it would cost, to replace the existing asset with a technologically modern equivalent new asset (not a second hand one) with the same economic benefits (gross service potential) allowing for any differences in the quantity and quality of output and in operating costs.

### **Current replacement cost “As New” (CRC)**

The current cost of replacing the original service potential of an existing asset, with a similar modern equivalent asset, i.e. the total cost of replacing an existing asset with an as NEW or similar asset expressed in current dollar values.

### **Depreciable amount**

The cost of an asset, or other amount substituted for its cost, less its residual value.

### **Depreciated replacement cost (DRC)**

The current replacement cost (CRC) of an asset less, where applicable, accumulated depreciation calculated on the basis of such cost to reflect the already consumed or expired future economic benefits of the asset

### **Depreciation / amortisation**

The wearing out, consumption or other loss of value of an asset whether arising from use, passing of time or obsolescence through technological and market changes. It is accounted by the allocation of the cost (or revalued amount) of the asset less its residual value over its useful life.

### **Disposal**

Activities necessary to dispose of decommissioned assets

**DLG**

NSW Division of Local Government, Department of Premier and Cabinet

**Expenditure**

The spending of money on goods and services. Expenditure includes recurrent and capital.

**Facility**

A complex comprising many assets which represent a single management unit for financial, operational, maintenance and other purposes

**Fair value**

The amount for which an asset could be exchanged, or a liability settled, between knowledgeable, willing parties, in an arms length transaction.

**Financing gap**

A financing gap exists whenever an entity has insufficient capacity to finance asset renewal and other expenditure necessary to be able to appropriately maintain the range and level of services its existing asset stock was originally designed and intended to deliver. The service capability of the existing asset stock should be determined assuming no additional operating revenue, productivity improvements, or net financial liabilities above levels currently planned or projected. A current financing gap means service levels have already or are currently falling. A projected financing gap if not addressed will result in a future diminution of existing service levels.

**GIS**

Geographical Information System, mapping and spatial location technology systems which show location and relationship to key geographical datum points

**Heritage asset**

An asset with historic, artistic, scientific, technological, geographical or environmental qualities that is held and maintained principally for its contribution to knowledge and culture and this purpose is central to the objectives of the entity holding it.

**Impairment Loss**

The amount by which the carrying amount of an asset exceeds its recoverable amount.

**Infrastructure assets**

Physical assets of the entity or of another entity that contribute to meeting the public's need for access to major economic and social facilities and services, eg. roads, drainage, footpaths and cycleways. These are typically large, interconnected networks or portfolios of composite assets. The components of these assets may be separately maintained, renewed or replaced individually so that the required level and standard of service from the network of assets is continuously sustained. Generally the components and hence the assets have long lives. They are fixed in place and are often have no market value.

**Investment property**

Property held to earn rentals or for capital appreciation or both, rather than for:

- (a) use in the production or supply of goods or services or for administrative purposes; or
- (b) sale in the ordinary course of business (AASB 140.5)

### **Level of service**

The defined service quality for a particular service against which service performance may be measured. Service levels usually relate to quality, quantity, reliability, responsiveness, environmental, acceptability and cost).

### **Life Cycle Cost \***

1. **Total LCC** The total cost of an asset throughout its life including planning, design, construction, acquisition, operation, maintenance, rehabilitation and disposal costs.
2. **Average LCC** The life cycle cost (LCC) is average cost to provide the service over the longest asset life cycle. It comprises average operations, maintenance expenditure plus asset consumption expense, represented by depreciation expense projected over 10 years. The Life Cycle Cost does not indicate the funds required to provide the service in a particular year.

### **Life Cycle Expenditure**

The Life Cycle Expenditure (LCE) is the actual or planned annual maintenance and capital renewal expenditure incurred in providing the service in a particular year. Life Cycle Expenditure may be compared to Life Cycle Expenditure to give an initial indicator of life cycle sustainability.

### **Loans / borrowings**

Loans result in funds being received which are then repaid over a period of time with interest (an additional cost). Their primary benefit is in 'spreading the burden' of capital expenditure over time. Although loans enable works to be completed sooner, they are only ultimately cost effective where the capital works funded (generally renewals) result in operating and maintenance cost savings, which are greater than the cost of the loan (interest and charges).

### **Maintenance**

All actions necessary for retaining an asset as near as practicable to an appropriate service condition, including regular ongoing day-to-day work necessary to keep assets operating, eg road patching but excluding rehabilitation or renewal. It is operating expenditure required to ensure that the asset reaches its expected useful life.

- **Planned maintenance**  
Repair work that is identified and managed through a maintenance management system (MMS). MMS activities include inspection, assessing the condition against failure/breakdown criteria/experience, prioritising scheduling, actioning the work and reporting what was done to develop a maintenance history and improve maintenance and service delivery performance.
- **Reactive maintenance**  
Unplanned repair work that is carried out in response to service requests and management/ supervisory directions.
- **Specific maintenance**  
Maintenance work to repair components or replace sub-components that needs to be identified as a specific maintenance item in the maintenance budget.
- **Unplanned maintenance**  
Corrective work required in the short-term to restore an asset to working condition so it can continue to deliver the required service or to maintain its level of security and integrity.

**Maintenance and renewal sustainability index**

Ratio of estimated budget to projected expenditure for maintenance and renewal of assets over a defined time (eg 5, 10 and 15 years).

**Maintenance expenditure**

Recurrent expenditure, which is periodically or regularly required as part of the anticipated schedule of works required to ensure that the asset achieves its useful life and provides the required level of service. It is expenditure, which was anticipated in determining the asset's useful life.

**Materiality**

An item is material if its omission or misstatement could influence the economic decisions of users taken on the basis of the financial report. Materiality depends on the size and nature of the omission or misstatement judged in the surrounding circumstances.

**Modern equivalent asset**

Assets that replicate what is in existence with the most cost-effective asset performing the same level of service. It is the most cost efficient, currently available asset which will provide the same stream of services as the existing asset is capable of producing. It allows for technology changes and, improvements and efficiencies in production and installation techniques

**Net present value (NPV)**

The value to the organisation of the cash flows associated with an asset, liability, activity or event calculated using a discount rate to reflect the time value of money. It is the net amount of discounted total cash inflows after deducting the value of the discounted total cash outflows arising from eg the continued use and subsequent disposal of the asset after deducting the value of the discounted total cash outflows.

**New Works**

New work expenditure is Capital Works expenditure, i.e. money spent on new works (development costs) and upgrades to an existing asset or on creating a new asset

**Non-revenue generating investments**

Investments for the provision of goods and services to sustain or improve services to the community that are not expected to generate any savings or revenue to the Council, eg. parks and playgrounds, footpaths, roads and bridges, libraries, etc.

**Operations**

Regular activities to provide services such as public health, safety and amenity, eg street sweeping, grass mowing and street lighting.

**Operating expenditure**

Recurrent expenditure, which is continuously required excluding maintenance and depreciation, eg power, fuel, staff, plant equipment, on-costs and overheads.

**Operational Plan**

Generally comprise detailed implementation plans and information with a 1-3 year outlook (short-term). The plans detail structure, authority, responsibilities, defined levels of service and emergency responses

**Rate of annual asset consumption \***

The ratio of annual asset consumption relative to the depreciable amount of the assets. It measures the amount of the consumable parts of assets that are consumed in a period (depreciation) expressed as a percentage of the depreciable amount.

**Rate of annual asset renewal \***

The ratio of asset renewal and replacement expenditure relative to depreciable amount for a period. It measures whether assets are being replaced at the rate they are wearing out with capital renewal expenditure expressed as a percentage of depreciable amount (capital renewal expenditure/DA).

**Rate of annual asset upgrade/new \***

A measure of the rate at which assets are being upgraded and expanded per annum with capital upgrade/new expenditure expressed as a percentage of depreciable amount (capital upgrade/expansion expenditure/DA).

**Reactive maintenance**

Unplanned repair work that carried out in response to service requests and management/supervisory directions.

**Recoverable amount**

The higher of an asset's fair value, less costs to sell and its value in use.

**Recurrent expenditure**

Relatively small (immaterial) expenditure or that which has benefits expected to last less than 12 months. Recurrent expenditure includes operating and maintenance expenditure.

**Recurrent funding**

Funding to pay for recurrent expenditure.

**Rehabilitation**

See capital renewal expenditure definition above.

**Remaining Useful life**

Remaining useful life is determined for each individual asset from the condition rating. It is the time that the asset provides future economic benefit, from acquisition to expected replacement, renewal in full or replacement / disposal

**Renewal**

Works or actions to upgrade, refurbish or replace components of an asset to restore it to near new and required functional condition, extending its current remaining life

**Residual value**

The net amount which an entity expects to obtain for an asset at the end of its useful life after deducting the expected costs of disposal.

**Revenue generating investments**

Investments for the provision of goods and services to sustain or improve services to the community that are expected to generate some savings or revenue to offset operating costs, e.g. public halls and theatres, childcare centres, sporting and recreation facilities, tourist information centres, etc.

**Risk management**

The application of a formal process to the range of possible values relating to key factors associated with a risk in order to determine the resultant ranges of outcomes and their probability of occurrence.

**Section or segment**

A self-contained part or piece of an infrastructure asset.

**Service**

A benefit gained from utilising or accessing an asset and the associated work done by Council staff or others associated with the Council

**Service expectation**

The description of Level of Service available to users of an asset and any associated services, as described in consultation for developing and reviewing the Community Strategic Plan

**Specific Maintenance**

Replacement of higher value components/sub-components of assets that is undertaken on a regular cycle including repainting, replacement of air conditioning equipment, etc. This work generally falls below the capital/ maintenance threshold and needs to be identified in a specific maintenance budget allocation.

**Strategic Longer-Term Plan**

A plan covering the term of office of councillors (4 years minimum) reflecting the needs of the community for the foreseeable future. It brings together the detailed requirements in the Council's longer-term plans such as the asset management plan and the long-term financial plan. The plan is prepared in consultation with the community and details where the Council is at that point in time, where it wants to go, how it is going to get there, mechanisms for monitoring the achievement of the outcomes and how the plan will be resourced.

**Stakeholder**

A person; group; company or government department representing an interest in an asset; project or service utilising an asset

**Sub-component**

Smaller individual parts that make up a component part.

**Useful life**

Either:

- (a) the period over which an asset is expected to be available for use by an entity, or
- (b) the number of production or similar units expected to be obtained from the asset by the entity.

It is estimated or expected time between placing the asset into service and removing it from service, or the estimated period of time over which the future economic benefits embodied in a depreciable asset, are expected to be consumed by the council. It is the same as the economic life.

**Value in Use**

The present value of estimated future cash flows expected to arise from the continuing use of an asset and from its disposal at the end of its useful life. It is deemed to be depreciated replacement cost (DRC) for those assets whose future economic benefits are not primarily dependent on the asset's ability to generate new cash flows, where if deprived of the asset its future economic benefits would be replaced.

**10. REVIEW**

This Asset Management Plan will be reviewed every 3 years. If significant changes are proposed to the document then the revised document will be placed on public exhibition prior to adoption by Council.

The priority lists for new and replacement paths will be reviewed annually in conjunction with the draft 3 Year Management Plan & Budget.

## Attachment 1 - Path Condition Charts

**Details of Path areas & condition**

**CONCRETE**

| CONDITION      | AREA           | COST               | %   |
|----------------|----------------|--------------------|-----|
| 1              | 76 602         | \$0                | 48% |
| 2              | 44 737         | \$214 738          | 28% |
| 3              | 34,328         | \$686 560          | 21% |
| 4              | 4,209          | \$235 704          | 3%  |
| 5              | 884            | \$141,440          | 1%  |
| <b>TOTALS:</b> | <b>160,760</b> | <b>\$1,278,442</b> |     |

**PAVERS**

| CONDITION      | AREA          | COST             | %   |
|----------------|---------------|------------------|-----|
| 1              | 23,439        | \$0              | 86% |
| 2              | 2,192         | \$19 728         | 8%  |
| 3              | 808           | \$25 250         | 3%  |
| 4              | 796           | \$65,471         | 3%  |
| 5              | 27            | \$5,345          | 0%  |
| <b>TOTALS:</b> | <b>27,262</b> | <b>\$116,794</b> |     |

**ASPHALT**

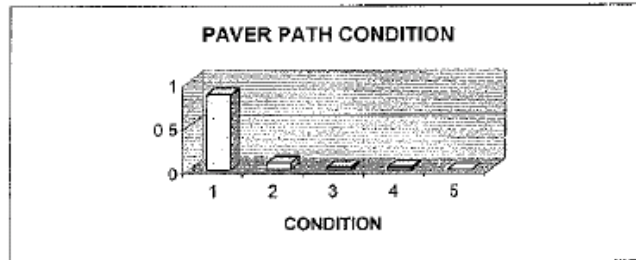
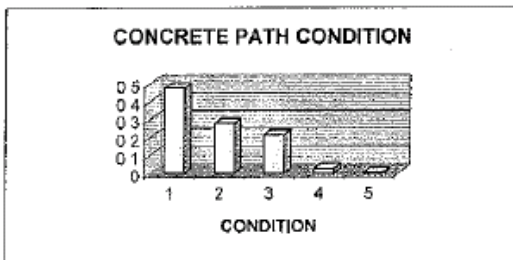
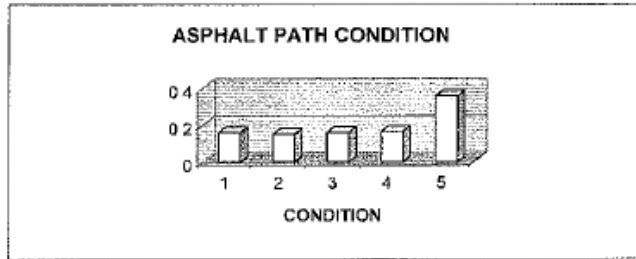
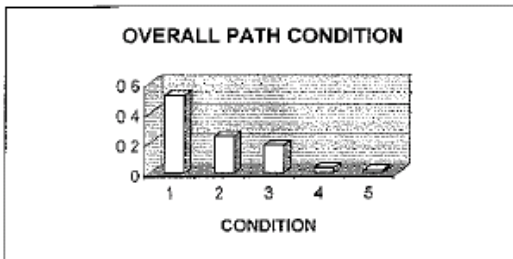
| CONDITION      | AREA         | COST             | %   |
|----------------|--------------|------------------|-----|
| 1              | 1 140        | \$0              | 16% |
| 2              | 1 080        | \$5,832          | 15% |
| 3              | 1 140        | \$22 800         | 16% |
| 4              | 1 185        | \$64,286         | 17% |
| 5              | 2,566        | \$397,730        | 38% |
| <b>TOTALS:</b> | <b>7 111</b> | <b>\$490 648</b> |     |

**ALL PATHS**

| CONDITION      | AREA           | %   | COST               |
|----------------|----------------|-----|--------------------|
| 1              | 101,181        | 52% | \$0                |
| 2              | 48 009         | 25% | \$240 298          |
| 3              | 36,276         | 19% | \$734 610          |
| 4              | 6 190          | 3%  | \$365 461          |
| 5              | 3,477          | 2%  | \$545,515          |
| <b>TOTALS:</b> | <b>195,133</b> |     | <b>\$1 885 884</b> |

**NOTE:** Above cost are those to upgrade the paths to Condition 1 (excellent condition)  
Satisfactory Level of Service is "95% of concrete & bitumen paths and 100% of paver paths in "Good Condition" (Condition 2)

**Annual Funds to upgrade to Satisfactory Level of Service in 5 years: Maintenance \$306,000**  
**Capital \$271,000**  
**Total \$577,000**



**NOTE:** CONDITION 1-EXCELLENT  
CONDITION 2-GOOD  
CONDITION 3-FAIR  
CONDITION 4-POOR  
CONDITION 5-FAILED



*Shoalhaven City Council  
Asset Management Plan – Footpaths and Cycleways*

**Attachment 2 - Lists of Footpath & Cycleway Projects Identified in PAMP**

| Location             | Urban Area      | From                         | To                | Works Required | Side     | LENGTH | Priority Rating | Cost     | Issues and details   |
|----------------------|-----------------|------------------------------|-------------------|----------------|----------|--------|-----------------|----------|--|
| Green Street         | Ulladulla       | Camden Street                | Warden Street     | Ped path       | Southern | 610    | 33              | \$47,580 | - Gap in footpath on southern side<br>- Provide access to schools, TAFE and sports centre<br>- Existing footpath on north side   |
| The Wool Road        | Vincentia       | end of existing shared path  | Burton St         | Ped path       | Southern | 360    | 27              | \$28,084 | - Provide footpath access to bus stop  |
| Illaroo Road         | North Nowra     | Philip Drive                 | Halcot Avenue     | Ped path       | Northern | 703    | 26              | \$54,834 | - No footpath on northern side<br>- Provide access to public school and churches   |
| Coomea Street        | Bomaderry       | Birreley Street              | Cambewarra Road   | Ped path       | Eastern  | 203    | 24              | \$15,864 | - No footpaths on either side<br>- Complete gap in pedestrian network  |
| Hillcrest Avenue     | East Nowra      | Holloway Drive               | Old Southern Road | Ped path       | Northern | 1008   | 24              | \$78,642 | - No footpath on either side<br>- Provide access to High School and Playing fields   |
| North Street         | Ulladulla       | Princes Highway              | Jindelara Road    | Ped path       | Northern | 721    | 24              | \$56,238 |  |
| Park Road            | East Nowra      | Clipper Road                 | Holloway Drive    | Ped path       | Southern | 261    | 24              | \$20,392 | - No footpath on either side<br>- Provide access to High School and Playing fields   |
| Princes Highway      | Bomaderry       | Narang Road                  | Turley Ave        | Ped path       | Western  | 1092   | 24              | \$85,176 | - Stage 2 (Pt) Narang Rd south approx 400m considered for 04/05<br>- Currently no footpath on either side of Highway<br>- Provides access to Restaurants, Service Station and houses<br>- Safety concerns about pedestrians currently walking in parking lane of Highway |
| Princes Highway      | Milton          | Retirement Village           | Croobyar Street   | Ped path       | Northern | 373    | 24              | \$29,094 | - No footpath on northern side<br>- Connect to planned shared paths<br>- Connect to proposed traffic signals   |
| Greenwell Point Road | Nowra           | Rayleigh Drive               | Clipper Road      | Ped path       | Southern | 494    | 23              | \$38,547 | - No footpath on either side<br>- Provide access to new Residential area   |
| Page Avenue          | North Nowra     | Harvey Place                 | Judith Drive      | Ped path       | Northern | 286    | 23              | \$22,308 | - No footpath on either side<br>- Provide access to Public School<br>- Pedestrian access through Residential area  |
| Paradise Beach Road  | Sanctuary Point | Kingsford Smith Crescent     | Kerry Street      | Ped path       | Northern | 288    | 23              | \$22,464 | - No footpath on northern side<br>- Provide access to Shops and Schools<br>- majority to be provided with development  |
| Princes Highway      | Ulladulla       | Golf Avenue                  | Narrawallee St    | Ped path       | Eastern  | 345    | 23              | \$26,910 | - No footpath on either side<br>- Segment of total section St Vincent St to Millards Creek bridge<br>- Report 11 March 2003 Stage 2 \$13,000 File 25492  |
| Village Drive        | Ulladulla       | Budawang Street              | North Street      | Ped path       | Western  | 602    | 23              | \$46,981 | - No footpath on either side<br>- Connect growing residential area to schools and centre of Ulladulla  |
| Albatross Road       | Nowra           | McLean Street                | Kalendar Street   | Ped path       | Northern | 642    | 22              | \$50,110 | - No footpath on either side<br>- Provide access to University, Greyhound Course, Paceway and Racecourse<br>- Connect two existing footpaths   |
| Douglas Street       | Nowra           | Kinghome Street              | Shoalhaven Street | Ped path       | Northern | 200    | 22              | \$15,600 |  |
| Princes Highway      | Ulladulla       | 100m north of Pittman Avenue | Pittman Avenue    | Ped path       | Eastern  | 100    | 22              | \$7,800  | - Provide access to bus stop   |
| Princes Highway      | Ulladulla       | Deering St                   | Parson St         | Ped path       | Western  | 200    | 22              | \$15,600 |  |
| Barwon Street        | Bomaderry       | Bunberra Street              | Cambewarra Road   | Ped path       | Western  | 451    | 21              | \$35,161 | - No footpath on either side<br>- Provides access to Anglican School   |
| Douglas Street       | Nowra           | Wallace Street               | Kinghome Street   | Ped path       | Northern | 1124   | 21              | \$87,633 | - No footpath on either side<br>- Provide access to three public schools, park & motel   |
| Gordon Street        | Milton          | Croobyar Road                | Princes Highway   | Ped path       | Western  | 161    | 21              | \$12,575 | - No footpath on either side<br>- Provide access to Hospital and Shops   |

**Shoalhaven City Council**  
**Asset Management Plan – Footpaths and Cycleways**

| Location          | Urban Area      | From                | To                  | Works Required | Side     | LENGTH | Priority Rating | Cost     | Issues and details  |
|-------------------|-----------------|---------------------|---------------------|----------------|----------|--------|-----------------|----------|---|
| OSBORNE ST        | NOWRA           | WORRIGEE ST         | Douglas Street      | Ped path       | eastern  | 200    | 21              | \$15,600 |   |
| Park Road         | East Nowra      | Moresby Street      | Holloway Drive      | Ped path       | northern | 51     | 21              | \$3,978  | - Provide access to schools   |
| Park Road         | East Nowra      | Princes Highway     | Moresby Street      | Ped path       | Northern | 342    | 21              | \$26,691 | - No footpath on either side<br>- Provide access to High School and Playing fields  |
| Princes Highway   | Nowra           | Plunkett Street     | Douglas Street      | Ped path       | Western  | 209    | 21              | \$16,302 | - No footpath on western side<br>- Provide access to Shops<br>- Extend existing footpath  |
| Princes Highway   | Ulladulla       | Buchan Street       | Golf Avenue         | Ped path       | Northern | 246    | 21              | \$19,188 | - No footpath on either side<br>- Connects two existing footpaths   |
| Princes Highway   | Ulladulla       | Millards Ck         | North Street        | Ped path       | Western  | 284    | 21              | \$22,152 | - No footpath on either side<br>- Connects two existing footpaths   |
| St Vincent Street | Ulladulla       | Princes Highway     | Godfrey Street      | Ped path       | Western  | 297    | 21              | \$23,166 | - No footpath on either side<br>- Connects two existing footpaths   |
| Berry Street      | Nowra           | Bice Rd             | Albatross Rd        | Ped path       | Western  | 657    | 20              | \$51,246 | - No footpath on western side<br>- Provide access to Public School<br>- Pedestrian access through Residential area                    |
| Osborne Street    | Nowra           | North Street        | Hyam Street         | Ped path       | Eastern  | 375    | 20              | \$29,261 | - No footpath on either side<br>- Provide access to Hospital and Pool   |
| Princes Highway   | East Nowra      | Hillcrest Ave       | Park Road           | Ped path       | Eastern  | 996    | 20              | \$77,672 | - No footpath on either side<br>- Provide access to High School and Playing fields  |
| South Street      | Ulladulla       | Princes Highway     | St Vincent Street   | Ped path       | Northern | 224    | 20              | \$17,472 | - No footpath on either side<br>- Connects two existing footpaths   |
| St Anns Street    | East Nowra      | Salisbury Drive     | Wallace Street      | Ped path       | Southern | 694    | 20              | \$54,156 | - No footpath on either side<br>- Provide access to Residential area  |
| Forrest Way       | Mollymook       | Carroll Avenue      | Treetops Cr(E)      | Ped path       | Northern |        | 19              | \$0      |   |
| Jacobs Drive      | Sussex Inlet    | Sandpiper Way       | Bridge              | Ped path       | Southern | 700    | 19              | \$54,600 | Inspection required No footpath   |
| Jasmine Drive     | Bomaderry       | Cocos Palm Dr       | Sheraton Crt (sth)  | Ped path       | Eastern  |        | 19              | \$0      |   |
| Princes Highway   | East Nowra      | Browns Rd           | Hillcrest Avenue    | Ped path       | Eastern  | 400    | 19              | \$31,200 |   |
| Princes Highway   | Ulladulla       | South Street        | (north)             | Ped path       | Western  |        | 19              | \$8,000  | Provide pram ramp and footpath on north-west corner to make continuous footpath along western side                                    |
| Shoalhaven Street | Nowra           | Douglas Street      | Junction Street     | Ped path       | Eastern  | 665    | 19              | \$51,899 | - No footpath on either side<br>- Provide access to Playing fields and Showground   |
| Vigilant St       | Ulladulla       | South Street        | Morris St reserve   | Ped path       | Eastern  | 200    | 19              | \$15,600 |   |
| Wason Street      | Milton          | Croobyar Road       | Charles Street      | Ped path       | Western  | 231    | 19              | \$18,050 | - No footpath on either side<br>- Connects existing and planned footpaths   |
| Brinwarr Street   | Bomaderry       | Property No. 46     | Tarawara Street     | Ped path       | Eastern  | 150    | 18              | \$11,700 | - No footpath on either side & extension off SUP<br>- Provide continuous pedestrian path through Residential area<br>- Access to TAFE |
| Bunberra Street   | Bomaderry       | Tarawal Street      | Brinawarr Street    | Ped path       | Southern | 644    | 18              | \$50,232 | - No footpath on either side<br>- Access to Railway Station and shops   |
| Clipper Road      | East Nowra      | Kameruka Cres (nth) | Abergeldie Street   | Ped path       | Eastern  | 165    | 18              | \$12,870 | - No footpath on eastern side<br>- Provide access to schools and shops<br>- Pedestrian access into Residential area                   |
| Deering Street    | Ulladulla       | Camden Street       | St Vincent Street   | Ped path       | Southern | 229    | 18              | \$17,875 | - No footpath on either side<br>- Connect two planned shared paths  |
| Hillcrest Avenue  | East Nowra      | John Purcell Way    | Holloway Drive      | Ped path       | Northern | 440    | 18              | \$34,320 |   |
| Jasmine Drive     | Bomaderry       | Sheraton Crt (nth)  | Sheraton Crt (nth)  | Ped path       | Eastern  |        | 18              | \$0      |   |
| Judith Drive      | North Nowra     | McMahons Road       | School              | Ped path       | Western  | 636    | 18              | \$49,599 | - No footpath on either side<br>- Provide access to Public School   |
| Kerry Street      | Sanctuary Point | Paradise Beach Road | Clifton Street      | Ped path       | Western  | 199    | 18              | \$15,522 | - No footpath on either side<br>- Provide access to Shops   |
| Kerry Street      | Sanctuary Point | Anson St            | east of Jean Street | Ped path       | Northern | 850    | 18              | \$66,300 | - No footpath on either side<br>- Connects existing and planned footpaths   |
| Links Avenue      | Sanctuary Point | Kerry Street        | Waratah Crescent    | Ped path       | Eastern  | 39     | 18              | \$3,042  | - No footpath on either side<br>- Provide access to Bowling Club  |
| McKay Street      | East Nowra      | Princes Highway     | Queenborough Street | Ped path       | Northern | 505    | 18              | \$39,364 | - No footpath on either side<br>- Provide access to High School and shops   |
| North Street      | Ulladulla       | Princes Highway     | Burrill Street      | Ped path       | Southern | 313    | 18              | \$24,413 | - No footpath on either side<br>- Connects existing and planned footpaths   |
| Nowra Lane        | Nowra           | Worrigee Street     | Junction Street     | Ped path       | Western  | 125    | 18              | \$9,750  | - Report 11 March 2003 Consider 2003/04 \$50,000 File 25492<br>- Budget \$34,000<br>- Design \$3,000 in 2002/03                       |
| Shepherd Street   | Mollymook       | Ocean Street        | Golf Avenue         | Ped path       | SW       | 139    | 18              | \$10,842 | - Connect existing footpaths  |
| Warramunga Street | East Nowra      | Secombe Street      | Kalandar Road       | Ped path       | Western  | 189    | 18              | \$14,724 | - No footpath on either side<br>- Provide access to Residential area  |
| Brinwarr Street   | Bomaderry       | Tarawara Street     | Cambewarra Road     | Ped path       | Eastern  | 536    | 17              | \$41,808 | - No footpath on either side<br>- Provide continuous pedestrian path through Residential area<br>- Access to TAFE                     |
| Castle Glen       | North Nowra     | Jamieson Road       | Primary School      | Ped path       | Southern | 310    | 17              | \$24,216 | - No footpath on either side<br>- Provide access to Public School<br>- Pedestrian access through Residential area                     |
| Church Street     | Milton          | Thomas Street       | Princes Highway     | Ped path       | Western  | 236    | 17              | \$18,372 | - No footpath on either side<br>- Provide access to Public School   |
| ELIZABETH DV      | VINCENTIA       | ARGYLE ST           | THE WOOL RD         | Ped path       | Western  | 200    | 17              | \$15,600 |   |
| Federation Place  | North Nowra     | Jamieson Road       | end                 | Ped path       | Southern | 116    | 17              | \$9,085  | - No footpath on either side<br>- Connect to proposed Shared Path   |

**Shoalhaven City Council**  
**Asset Management Plan – Footpaths and Cycleways**

| Location         | Urban Area   | From                  | To                  | Works Required | Side                 | LENGTH | Priority Rating | Cost     | Issues and details  |
|------------------|--------------|-----------------------|---------------------|----------------|----------------------|--------|-----------------|----------|---|
| Hansons Road     | North Nowra  | Dr Campbell's Surgery | McMahons Road       | Ped path       | Western              | 163    | 17              | \$12,714 | - No footpath on either side<br>- Provide access to Surgery for Patients  |
| Hansons Road     | North Nowra  | Dr Campbell's Surgery | Clarke Avenue       | Ped path       | Western              | 218    | 17              | \$17,034 | - No footpath on either side<br>- Provide access to Public School<br>- Pedestrian access through Residential area                                     |
| Jamieson Road    | North Nowra  | Federation Place      | Castle Glen         | Ped path       | Southern             | 114    | 17              | \$8,901  | - No footpath on either side<br>- Connect to proposed Shared Path   |
| Kinghorne Street | Nowra        | Kalandar Street       | McKay Street        | Ped path       | Western              | 278    | 17              | \$21,684 | - Extend existing footpath, continue pedestrian route   |
| Leonard Street   | Bomaderry    | Lyndhurst Drive       | Sampson Street      | Ped path       | Southern             | 103    | 17              | \$8,053  | - Currently no footpaths on either side of street<br>- Connects Jasmine Drive to proposed shared path<br>- Provides access to Bomaderry Public School |
| Ocean Street     | Mollymook    | Turner Street         | Davies Street       | Ped path       | Southern             | 81     | 17              | \$6,318  | - No footpath on either side<br>- Provide access to Shops   |
| Princes Highway  | East Nowra   | Park Road             | McKay Street        | Ped path       | Eastern              | 400    | 17              | \$31,200 | - No footpath on either side<br>- Provide access to High School and Playing fields  |
| Princes Highway  | Milton       | Gordon Street         | Croobyar Street     | Ped path       | Southern             | 523    | 17              | \$40,802 | - No footpath on southern side<br>- Connect to planned shared paths<br>- Connect to proposed traffic signals  |
| Sydney Street    | Huskisson    | Tomerong Street       | Watt Street         | Ped path       | Western              | 86     | 17              | \$6,708  | - Provide access to schools   |
| Tomerong Street  | Huskisson    | Sydney Street         | Woollamia Road      | Ped path       | Southern             | 230    | 17              | \$17,939 | - No footpath on southern side<br>- Provide access to school and connect planned pedestrian route   |
| WORRIGEE ST      | NOWRA        | Burr Ave              | West Street         | Ped path       | Southern             | 97     | 17              | \$7,566  |   |
| Deering Street   | Ulladulla    | Princes Highway       | Thadalee Place      | Ped path       | Northern             | 658    | 16              | \$51,324 | - No footpath on either side<br>- Provide access to playing fields and headland   |
| ELIZABETH DV     | VINCENTIA    | SUSAN ST              | EDWARD ST           | Ped path       | Western              | 300    | 16              | \$23,400 |   |
| ELIZABETH DV     | VINCENTIA    | Edward St             | ARGYLE ST           | Ped path       | Western              | 300    | 16              | \$23,400 |   |
| Fegen Street     | Huskisson    | Bowen Street          | Nowra Street        | Ped path       | Eastern              | 234    | 16              | \$18,268 | - No footpath on either side<br>- Provide access to Caravan Park  |
| Haigh Avenue     | Nowra        | Worrigee Street       | Plunkett Street     | Ped path       | Western              | 64     | 16              | \$4,992  | -Provide access to Businesses   |
| Jervis Street    | East Nowra   | Wallace Street        | Pedestrian Crossing | Ped path       | Southern             | 30     | 16              | \$2,340  | -Provide connection between crossing and footpath on Wallace Street   |
| Lawrence Avenue  | Nowra        | Plunkett Street       | Worrigee Street     | Ped path       | Western              | 223    | 16              | \$17,425 | -Provide access to shops  |
| Lawrence Avenue  | Nowra        | Plunkett Street       | Council carpark     | Ped path       | Eastern              | 223    | 16              | \$17,425 | -Provide access to shops  |
| Lumsden Road     | North Nowra  | Judith Drive          | end                 | Ped path       | Southern             | 251    | 16              | \$19,608 | - No footpath on either side<br>- Provide access to Shops and Playing Field   |
| Neilson Road     | Sussex Inlet | Finch Pl              | Elmoos Av           | Ped path       | Eastern              | 160    | 16              | \$12,480 | Provide footpath 60m north of Elmoos Av   |
| North Street     | Nowra        | West Street           | Shoalhaven Street   | Ped path       | Southern             | 223    | 16              | \$17,361 | - No footpath on either side<br>- Provide access to Playing fields and Showground   |
| Nowra Street     | Huskisson    | Fegen Street          | Beach Street        | Ped path       | Southern             | 145    | 16              | \$11,328 | - No footpath on either side<br>- Provide access to existing shared path  |
| Pleasant Way     | Nowra        | Hawthorn Avenue       | Princes Highway     | Ped path       | Southern             | 150    | 16              | \$11,733 | - Connect Pedestrian Route  |
| Scenic Drive     | Nowra        | Swimming Pool         | Shoalhaven Street   | Ped path       | Southern             | 249    | 16              | \$19,418 | - No footpath on either side<br>- Provide access to Hospital  |
| Tannery Road     | Berry        | Pulman St             | Hospital            | Ped path       | southern             | 1100   | 16              | \$85,800 | - Consultation through Berry/Gerringong Rotary Club   |
| Bice Street      | Nowra        | Berry Street          | Osborne Street      | Ped path       | Northern             | 223    | 15              | \$17,363 | - Connect two planned pedestrian routes   |
| Camden Street    | Ulladulla    | South Street          | Green Street        | Ped path       | Eastern              | 374    | 15              | \$29,172 | - No footpath on either side<br>- Provide access to Schools<br>- Connect two planned shared paths   |
| Coomea Street    | Bomaderry    | Tarawal Street        | Bunberra Street     | Ped path       | Eastern              | 95     | 15              | \$7,410  | - No footpaths on either side<br>- Complete gap in pedestrian network   |
| Crest Avenue     | North Nowra  | Illaroo Road          | Yurunga Drive       | Ped path       | Northern and western | 191    | 15              | \$14,928 | - No footpath on either side<br>- Provide access to Public School<br>- Pedestrian access through Residential area                                     |

**Shoalhaven City Council**  
**Asset Management Plan – Footpaths and Cycleways**

| Location                 | Urban Area      | From                                 | To                         | Works Required | Side     | LENGTH | Priority Rating | Cost      | Issues and details  |
|--------------------------|-----------------|--------------------------------------|----------------------------|----------------|----------|--------|-----------------|-----------|---|
| Douglas Street           | Nowra           | Shoalhaven Street                    | West Street                | Ped path       | Northern | 215    | 15              | \$16,743  | - No footpath on either side<br>- Provide access to Playing fields and Showground   |
| Ferry Lane               | Nowra           | Riverview Road                       | Terara Road                | Ped path       | Western  | 228    | 15              | \$17,812  | - No footpath on either side<br>- Provide access to high school and riverbank   |
| Goolagong Street         | North Nowra     | Page Avenue                          | bend                       | Ped path       | Western  | 104    | 15              | \$8,130   | - No footpath on either side<br>- Provide access to Public School and Playing Field   |
| Hyam Street              | Nowra           | Shoalhaven Street                    | Bridge Road                | Ped path       | Southern | 407    | 15              | \$31,768  | - No footpath on either side<br>- Provide access to Hospital  |
| Isa Road                 | Worrigea        | Old Southern Road                    | end (Mall Rd)              | Ped path       | Northern | 318    | 15              | \$24,773  | - No footpath on either side<br>- Provide access to Residential area  |
| Morris Street            | Ulladulla       | Warden Street                        | bend                       | Ped path       | Southern | 313    | 15              | \$24,423  | - No footpath on either side<br>- Connect two planned shared paths  |
| O'Connell Lane           | Nowra           | Worrigea Street                      | Junction Street            | Ped path       | Western  | 137    | 15              | \$10,686  | - Provide access to Shops   |
| Old Southern Road        | Worrigea        | Greenwell Point Road                 | Christian Community School | Ped path       | Eastern  | 2078   | 15              | \$162,121 | - No footpath on either side<br>- Provide access to High School and Residences  |
| Page Avenue              | North Nowra     | Judith Drive                         | Pitt Street                | Ped path       | Northern | 459    | 15              | \$35,769  | - No footpath on either side<br>- Provide access to Public School<br>- Pedestrian access through Residential area   |
| Peak Avenue              | North Nowra     | Yurunga Drive                        | Hansons Road               | Ped path       | Northern | 492    | 15              | \$38,388  | - No footpath on either side<br>- Provide access to Public School<br>- Pedestrian access through Residential area   |
| Seccombe Street          | East Nowra      | St Anns Street                       | Warramunga Street          | Ped path       | Southern | 175    | 15              | \$13,666  | - No footpath on either side<br>- Provide access to Residential area  |
| Shoalhaven Street (Con.) | Nowra           | Scenic Drive                         | Hyam Street                | Ped path       | Eastern  | 665    | 15              | \$51,899  | - No footpath on either side<br>- Provide access to Playing fields and Showground   |
| The Wool Road            | Basin View      | John Street                          | Tallyan Point Road         | Ped path       | Southern | 306    | 15              | \$23,868  | - No footpath on either side<br>- Provide access to Retirement Village and Shops  |
| Village Drive            | Ulladulla       | North Street                         | Golden Wattle Drive        | Ped path       | Western  | 663    | 15              | \$51,749  | - No footpath on either side<br>- Connect growing residential area to schools and centre of Ulladulla   |
| West Street              | Nowra           | North Street                         | Jervis Street              | Ped path       | Western  | 885    | 15              | \$69,057  | - No footpath on either side<br>- Provide access to Playing fields and Showground   |
| Yurunga Drive            | North Nowra     | Crest Avenue                         | Peak Avenue                | Ped path       | Western  | 58     | 15              | \$4,488   | - No footpath on either side<br>- Provide access to Public School<br>- Pedestrian access through Residential area   |
| Boag/Wallace Streets     | Mollymook       | Shepherd St                          | end                        | Ped path       | Southern | 735    | 14              | \$57,352  | - No footpath on either side<br>- Connect residential area to beach and shops   |
| Hawke Street             | Huskisson       | Bowen Street                         | Nowra Street               | Ped path       | Western  | 69     | 14              | \$5,382   | - No footpath on either side  |
| Idlewild Avenue          | Sanctuary Point | Kingsford Smith Crescent             | School                     | Ped path       | Northern | 140    | 14              | \$10,920  | - No footpath on either side<br>- Provide access to Public School   |
| Jervis Street            | Nowra           | Shoalhaven Street                    | Kinghorne Street           | Ped path       | Northern | 673    | 14              | \$52,467  | - No footpath on either side<br>- Connect to existing footpath west of Highway  |
| Kerry Street             | Sanctuary Point | Anson St                             | The Wool Lane              | Ped path       | Northern | 370    | 14              | \$28,860  | - No footpath on either side  |
| Maybern Close            | North Nowra     | Illaroo Road                         | Farrar Drive               | Ped path       | Southern | 220    | 14              | \$17,142  | - No footpath on either side<br>- Provide access to Public School<br>- Connect two planned shared paths   |
| Owen St                  | Huskisson       | Termeil Street                       | Sydney Street              | Ped path       | Southern | 225    | 14              | \$17,556  | - No footpath on either side<br>- Extends existing footpath   |
| Princes Highway          | Ulladulla       | Village Drive                        | Buchan Street              | Ped path       | Northern | 767    | 14              | \$59,826  | - No footpath on either side<br>- Connect two planned footpaths   |
| St George Avenue         | Vincentia       | The Wool Road                        | Excellent Street           | Ped path       | Eastern  | 137    | 14              | \$10,647  | - No footpath on either side<br>- Provide access to Residential area  |
| Sydney Street            | Huskisson       | Bowen Street                         | Owen Street                | Ped path       | Eastern  | 187    | 14              | \$14,574  | - Provide alternative access to caravan park  |
| Tallwood Avenue          | Mollymook       | Parkview Parade                      | Bannister Head Road        | Ped path       | Eastern  | 405    | 14              | \$31,582  | - No footpath on either side<br>- Provide access to Shops<br>- Connect two planned shared paths<br>- Report 11 March 2003 Consider for 2003/04 \$ \$34,000 File 25492         |
| West Birreley Street     | Bomaderry       | Barwon Street                        | Princes Highway            | Ped path       | Southern | 259    | 14              | \$20,187  | - No footpath on either side<br>- Provides connection between Highway and Sports/School Areas<br>- Provides connection between residential area and Narang Road Walking Trail |
| Yurunga Drive            | North Nowra     | Gleneagle Parade                     | end                        | Ped path       | Northern | 336    | 14              | \$26,207  | - No footpath on either side<br>- Provide access to Public School<br>- Pedestrian access through Residential area   |
| Ambassador Avenue        | North Nowra     | Gleneagle Parade                     | Clarke Avenue              | Ped path       | Southern | 60     | 13              | \$4,715   | - No footpath on either side<br>- Provide access to Public School<br>- Pedestrian access through Residential area   |
| Bannister Head Road      | Mollymook       | Matron Porter Drive                  | Tallwood Avenue            | Ped path       | Northern | 287    | 13              | \$22,370  | - No footpath on either side<br>- Provide access to Shops<br>- Connect two planned shared paths   |
| Bowen Street             | Huskisson       | Duncan Street                        | Fegen Street               | Ped path       | Northern | 635    | 13              | \$49,543  | - No footpath on either side<br>- Provide access to Tourist Parks   |
| Bunberra Street          | Bomaderry       | Barwon Street                        | Tarawal Street             | Ped path       | Southern | 321    | 13              | \$25,058  | - No footpath on either side, culvert forces pedestrians onto road<br>- Connect to planned footpath east of Brinwarr Street and shops<br>- Access to Railway Station          |
| Cammaray Dr              | Sanctuary Point | Wool Lane Sporting Complex Access Rd | The Wool Lane Reserve      | Ped path       | Northern | 150    | 13              | \$11,700  | - No footpath on either side<br>- Connect footpaths through reserves to the access into Wool Road Sporting Complex  |
| Centaur Avenue           | Sanctuary Point | Idlewild Avenue (School Entrance)    | Pelican St                 | Ped path       | Northern | 120    | 13              | \$9,360   | - No footpath   |

**Shoalhaven City Council**  
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| Location                      | Urban Area      | From                        | To                                     | Works Required | Side                | LENGTH | Priority Rating | Cost      | Issues and details   |
|-------------------------------|-----------------|-----------------------------|--|----------------|---------------------|--------|-----------------|-----------|--|
| Clarke Avenue                 | North Nowra     | Hansons Road                | Ambassador Avenue                      | Ped path       | Northern            | 227    | 13              | \$17,686  | - No footpath on either side<br>- Provide access to Public School<br>- Pedestrian access through Residential area  |
| Currambene Street             | Huskisson       | Owen Street                 | Keppel Street                          | Ped path       | Western             | 681    | 13              | \$53,118  | - No footpath on either side<br>- Provide access to Shops<br>- Extend existing footpath  |
| Did-Dell Street               | Ulladulla       | Rennys Beach Close          | South Street                           | Ped path       | Western             | 582    | 13              | \$45,400  | - No footpath on either side<br>- Extend recreational walk   |
| Fuschia Close                 | Bomaderry       | Jasmine Drive               | Tennis Courts                          | Ped path       | North/East          | 125    | 13              | \$9,750   | - No footpaths on either side of the road<br>- Connect playing fields to Jasmine Drive   |
| George Caley Place            | Vincentia       | The Wool Road               | Entire length                          | Ped path       | Eastern             | 135    | 13              | \$10,530  | George Caley Place (VINCENTIA) shown as 'footpath already included in Council's program'. NOT TRUE. There is an existing path on the Western Side of George Caley Place (The Wool Road to School Access). Change colour on plot to existing path, and mark additional path (on EAST side) as low priority. |
| Gleneagle Parade              | North Nowra     | Ambassador Avenue           | Yurunga Drive                          | Ped path       | Eastern             | 266    | 13              | \$20,718  | - No footpath on either side<br>- Provide access to Public School<br>- Pedestrian access through Residential area  |
| Jervis Street                 | Greenwell Point | Greenwell Point Road        | School                                 | Ped path       | Western             | 130    | 13              | \$10,140  | - No footpath on either side<br>- Provide access to School   |
| McDonald Avenue               | Nowra           | Albatross Road              | end                                    | Ped path       | Eastern             | 526    | 13              | \$41,001  | - Connect two planned pedestrian routes  |
| Milbank Road                  | Terara          | Terara Rd                   | Terara Public School                   | Ped path       | Western             | 175    | 13              | \$13,650  | - No footpath on either side<br>- Provide access to School   |
| Mitchell Parade               | Mollymook       | Tallwood Avenue             | Bannister Head Road                    | Ped path       | Northern            | 483    | 13              | \$37,643  | - No footpath on either side<br>- Help pedestrians up steep grade  |
| Nellore Place                 | North Nowra     | Pitt Street                 | end                                    | Ped path       | Northern            | 82     | 13              | \$6,380   | - No footpath on either side<br>- Provide access to Public School<br>- Connect two planned shared paths  |
| Philip Drive                  | North Nowra     | Castle Glen                 | end                                    | Ped path       | Southern            | 200    | 13              | \$15,600  |  |
| Plunkett Street               | Nowra           | Shoalhaven Street           | West Street                            | Ped path       | Southern            | 215    | 13              | \$16,743  | - No footpath on either side<br>- Provide access to Playing fields and Showground  |
| Princes Highway               | Ulladulla       | St Vincent Street           | North Street                           | Ped path       | Western             | 717    | 13              | \$55,926  | - No footpath on either side<br>- Connects two existing footpaths  |
| Sampson Street                | Bomaderry       | Leonard Street              | reserve east side                      | Ped path       | Eastern             | 156    | 13              | \$12,158  | - Currently no footpaths on either side of street<br>- Connects Jasmine Drive to proposed shared path<br>- Provides access to Bomaderry Public School  |
| Tallyan Point Road            | Basin View      | The Wool Road               | Mathie Street                          | Ped path       | Northern            | 926    | 13              | \$72,228  | - No footpath on either side<br>- Provide access to Public School<br>- Connect to existing footpath  |
| Village Drive                 | Ulladulla       | Timbs Street                | Golden Wattle Drive                    | Ped path       | Eastern             | 243    | 13              | \$18,932  | - No footpath on either side<br>- Connect growing residential area to schools and centre of Ulladulla  |
| West Bunberra Street          | Bomaderry       | Bunberra Street             | Princes Highway                        | Ped path       | Southern            | 166    | 13              | \$12,917  | - No footpath on either side<br>- Provide access to Anglican School  |
| Excellent Street              | Vincentia       | St George Ave               | Ada Street                             | Ped path       | Northern            | 550    | 12              | \$42,905  | - No footpath on either side<br>- Provide access to shops  |
| Kameruka Close                | East Nowra      | North Bend                  | Clipper Road                           | Ped path       | Northern            | 91     | 12              | \$7,098   | - Connect Vacant Land to Clipper Road  |
| Kinghorne Street              | Nowra           | McKay Street                | Princes Highway                        | Ped path       | Western             | 329    | 12              | \$25,670  | - Connect two planned pedestrian routes  |
| Kingsford Smith Crescent      | Sanctuary Point | Idlewild Av                 | Warrego Dr                             | Ped path       | Western             | 270    | 12              | \$21,060  | - No footpath on either side<br>- Provides access to School  |
| Main Road                     | Camberwarra     | Primary School              | existing shared path to playing fields | Ped path       | northern            | 120    | 12              | \$9,360   | - Provide access to school   |
| Matron Porter Drive           | Milton          | Princes Highway             | Garside Road                           | Ped path       | Northern            | 1705   | 12              | \$132,993 | - No footpath on either side<br>- Link all three towns<br>- Shared path similar to Huskisson to Vincentia path<br>- Create recreational activity<br>- Increase accessibility/mobility for young people   |
| Nooramunga Av                 | Camberwarra     | Bus shelter near Kalinga St | Existing path                          | Ped path       | Off road            | 45     | 12              | \$3,510   | - Extend Existing Footpath past bus shelter<br>- P&C Association request   |
| Philip Drive                  | North Nowra     | Illaroo Road                | Castle Glen                            | Ped path       | Eastern             | 472    | 12              | \$36,855  | - No footpath on either side<br>- Connect to proposed Shared Path  |
| Riverview Road                | Nowra           | Hawthorn Avenue             | Ferry Lane                             | Ped path       | Southern            | 967    | 12              | \$75,441  | - Connect Pedestrian Route   |
| Sophia Road                   | Worrigea        | Old Southern Road           | end                                    | Ped path       | Northern            | 321    | 12              | \$25,037  | - No footpaths in developing subdivision<br>- Provide access to new Residential area   |
| The Lake Circ/Penguin Head Rd | Culburra Beach  | Duke St                     | Canal St                               | Ped path       | Southern            | 1900   | 12              | \$148,200 | PAMP   |
| The Wool Lane                 | Sanctuary Point | Kerry Street                | Cammaray Dr                            | Ped path       | Eastern             | 200    | 12              | \$15,600  | - No footpath on either side   |
| Walmer Street                 | Sanctuary Point | Paradise Beach Road         | Milson Street                          | Ped path       | Western             | 1073   | 12              | \$83,700  | - No footpath on either side<br>- Provide access to Residential area, recreational facilities and shops  |
| Warrego Drive                 | Sanctuary Point | Kingsford Smith Crescent    | Leumeah St                             | Ped path       | Western             | 350    | 12              | \$27,300  | - No footpath on either side<br>- Provides access to School  |
| Watt Street                   | Huskisson       | Park Street                 | existing path                          | Ped path       | Northern            | 165    | 12              | \$12,853  | - No footpath on either side<br>- Provide access to playing fields   |
| Bowen Street                  | Huskisson       | Sydney Street               | Duncan Street                          | Ped path       | Northern            |        | 11              | \$0       |  |
| BTU Road                      | HMAS Albatross  | Primary School              | residential apartments                 | Ped path       | same side as school | 800    | 11              | \$62,400  | PAMP   |

**Shoalhaven City Council**  
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|------------------------|------------------|---------------------|-------------------|----------------|----------|--------|-----------------|----------|---|
| Burrill Street         | Huskisson        | Keppel Street       | Jervis Street     | Ped path       | Eastern  | 233    | 11              | \$18,170 | - No footpath on either side<br>- Provide access to Caravan Park  |
| Burton Street (Con.)   | Vincentia        | Existing Footpath   | Excellent Street  | Ped path       | Eastern  | 78     | 11              | \$6,046  | - No footpath on either side<br>- Provide access to Shops   |
| Coniston Close         | North Nowra      | McMahons Road       | end               | Ped path       | Eastern  | 109    | 11              | \$8,487  | - No footpath on either side<br>- Provide access to Playing Field<br>- Connect two planned shared paths             |
| Deering Street         | Ulladulla        | Thadalee Place      | Playing field     | Ped path       | Northern | 210    | 11              | \$16,344 | - No footpath on either side<br>- Connect planned footpath to planned recreational shared path                      |
| Dent Street            | Huskisson        | Tomerong Street     | end               | Ped path       | Western  | 246    | 11              | \$19,164 | - No footpath on either side<br>- Provide access to two senior citizen facilities                                   |
| Duncan Street          | Huskisson        | Jervis Street       | Bowen Street      | Ped path       | Eastern  | 696    | 11              | \$54,290 | - No footpath on either side<br>- Connects two planned shared paths   |
| Ethel Street           | Sanctuary Point  | Clifton Street      | Flora Street      | Ped path       | Northern | 109    | 11              | \$8,502  |   |
| Hawthorn Avenue        | Nowra            | Lyrebird Drive      | Riverview Road    | Ped path       | Eastern  | 94     | 11              | \$7,350  | - Connect Pedestrian Route  |
| Kangaroo Valley Rd     | Berry            | North Street        | Bundewallah Rd    | Ped path       | Northern | 1120   | 11              | \$87,360 | - No footpath on either side  |
| Matron Porter Drive    | Mollymook        | Garside Road        | Valley Drive      | Ped path       | Northern | 786    | 11              | \$61,312 | - No footpath on either side<br>- Connect two planned shared paths  |
| Millards Creek Reserve | Ulladulla        | St Vincent Street   | Princes Highway   | Ped path       | Off-road | 245    | 11              | \$19,133 | - No footpath on either side<br>- Connects existing and planned footpaths   |
| New Street             | Ulladulla        | Did-Dell Street     | end               | Ped path       | Northern | 245    | 11              | \$19,084 | - No footpath on either side<br>- Connect existing footpath to planned recreational shared path                     |
| Otway St               | Orient Point     | Orama               | Otranto           | Ped path       |          | 480    | 11              | \$37,440 | PAMP  |
| Powell Avenue          | Ulladulla        | Pettys Avenue       | Did-Dell Street   | Ped path       | Northern | 329    | 11              | \$25,676 | - No footpath on either side<br>- Extend recreational walk  |
| St Georges Road        | St Georges Basin | Terry Street        | Island Point Road | Ped path       | Southern | 265    | 11              | \$20,698 | - No footpath on either side<br>- Provide access to Residential area, Shops and store                               |
| The Wool Lane Reserve  | Sanctuary Point  | Loralyn Av          | Cammaray Dr       | Ped path       | Off road | 440    | 11              | \$34,320 | - No footpath through reserve<br>- Connect existing footpaths off Nulla Pl to Cammaray Dr, Loralyn Av & The Wool Ln |
| Ada Street             | Vincentia        | Elizabeth Street    | Excellent Street  | Ped path       | Western  | 155    | 10              | \$12,064 | - No footpath on either side<br>- Provide access to Residential area  |
| Burril Street North    | Ulladulla        | North Street        | Conjola Street    | Ped path       | Western  | 340    | 10              | \$26,540 | - No footpath on either side<br>- Connects planned footpaths  |
| Coral Crescent         | Ulladulla        | Pitman Avenue       | Dowling Street    | Ped path       | Western  | 89     | 10              | \$6,933  | - No footpath on either side<br>- Extend recreational walk  |
| Elizabeth Drive        | Vincentia        | Tharwa Street       | Sutton Street     | Ped path       | Western  | 981    | 10              | \$76,541 | - No footpath on either side<br>- Provide access to Recreational walk   |
| Farrelly Place         | Bomaderry        | Cambewarra Road     | end               | Ped path       | Eastern  | 115    | 10              | \$8,963  | - Connects two proposed shared paths  |
| Frank Lewis Way        | Huskisson        | Coulon Street       | Woollamia Road    | Ped path       | Western  | 593    | 10              | \$46,275 | - No footpath on either side<br>- Provide access to Recreational area   |
| Golden Wattle Street   | Ulladulla        | Village Drive       | Royal Mantle Dr   | Ped path       | Southern | 296    | 10              | \$23,077 | - No footpath on either side<br>- Connect growing residential area to schools and centre of Ulladulla               |
| Island Point Road      | St Georges Basin | Meriton Street      | end               | Ped path       | Eastern  | 486    | 10              | \$37,942 | - No footpath on either side<br>- Provide access to Recreational Area   |
| Jasmine Drive          | Bomaderry        | Sheraton Crt (nth)  | Lyndhurst Drive   | Ped path       | Eastern  |        | 10              | \$0      |   |
| Leo Drive              | Mollymook        | Matron Porter Drive | Manning Ave       | Ped path       | Eastern  |        | 10              | \$0      |   |
| Leo Drive              | Mollymook        | Manning Ave         | Scorpio Gr        | Ped path       | Eastern  |        | 10              | \$0      |   |
| Leumeah Street         | Sanctuary Point  | Warrego Dr          | Edmund St         | Ped path       | Northern | 175    | 10              | \$13,650 |   |
| Loralyn Avenue         | St Georges Basin | Island Point Road   | Meriton Street    | Ped path       | Southern | 311    | 10              | \$24,219 | - No footpath on either side<br>- Provide access to Recreational Area   |
| Macleay Street         | Mollymook        | Matron Porter Drive | Leo Drive         | Ped path       | Southern | 414    | 10              | \$32,298 | - No footpath on either side<br>- Provide access for pedestrians with prams, strollers and mobility impairments     |



**Shoalhaven City Council**  
**Asset Management Plan – Footpaths and Cycleways**

| Location                | Urban Area            | From                 | To                     | Works Required | Side     | LENGTH | Priority Rating | Cost      | Issues and details  |
|-------------------------|-----------------------|----------------------|------------------------|----------------|----------|--------|-----------------|-----------|---|
| Park Street             | Huskisson             | Tomerong Street      | Owen Street            | Ped path       | Western  | 340    | 10              | \$26,540  | - No footpath on either side<br>- Provide access to playing fields  |
| Pettys Avenue           | Ulladulla             | Dowling Street       | Powell Street          | Ped path       | Western  | 100    | 10              | \$7,766   | - No footpath on either side<br>- Extend recreational walk  |
| Plantation Point Parade | Vincentia             | Elizabeth Street     | Jervis Street          | Ped path       | Nth/East | 1002   | 10              | \$78,171  | - No footpath on either side<br>- Provide access to Residential area  |
| Rayleigh Drive          | Worrigee              | Kalendar Street      | end                    | Ped path       | Western  | 273    | 10              | \$21,283  | - No footpaths in developing subdivision<br>- Provide access to new Residential area                            |
| Reserve Road            | Basin View            | School Entrance      | Mathie Street          | Ped path       | Southern | 329    | 10              | \$25,662  | - No footpath on either side<br>- Provide access to Public School   |
| Wasdale Place           | Bomaderry             | Formby Cl            | end                    | Ped path       | Southern | 200    | 10              | \$15,600  | - Connects two proposed shared paths  |
| Yurunga Drive           | North Nowra           | Rock Hill Road       | end                    | Ped path       | Northern | 580    | 10              | \$45,238  | - No footpath on either side<br>- Pedestrian access through Residential area                                    |
| Buchan Street           | Ulladulla             | Golf Avenue          | Murramerang Street     | Ped path       | Southern | 336    | 9               | \$26,188  | - No footpath on either side<br>- Connects existing and planned footpaths                                       |
| Cocos Palm Drive        | Bomaderry             | Jasmine Drive        | bend                   | Ped path       | Southern | 212    | 9               | \$16,520  | - Connects Jasmine Drive to recreational area and shared path   |
| Edmund Street           | Sanctuary Point       | Leumeah St           | Greville Av            | Ped path       | Western  | 275    | 9               | \$21,450  |   |
| Holden Street (north)   | Vincentia             | Elizabeth Street     | bend                   | Ped path       | Western  | 111    | 9               | \$8,658   | - No footpath on either side<br>- Connects two planned shared paths   |
| Hoskins Street          | North Nowra           | Yurunga Drive        | Lucas Street           | Ped path       | Northern | 159    | 9               | \$12,387  | - No footpath on either side<br>- Pedestrian access through Residential area                                    |
| Keppel Street           | Huskisson             | Currambene Street    | Burrill Street         | Ped path       | Northern | 397    | 9               | \$30,955  | - No footpath on either side<br>- Connects two planned footpaths  |
| Leo Drive               | Mollymook             | Scorpio Gr           | Macley Street          | Ped path       | Eastern  | 300    | 9               | \$23,400  |   |
| Lyrebird Drive          | Nowra                 | Hawthorn Avenue      | Riverview Road         | Ped path       | Northern | 755    | 9               | \$58,905  | - Connect Pedestrian Route  |
| MacGibbon Parade        | Old Erowal Bay        | The Wool Road        | McGowen Street         | Ped path       | Northern | 787    | 9               | \$61,406  | - No footpath on either side<br>- Connects existing and planned shared paths                                    |
| North Street            | Ulladulla             | Stanton Drive        | Village Drive          | Ped path       | Southern | 385    | 9               | \$30,055  | - No footpath on either side<br>- Connect growing residential area to schools and centre of Ulladulla           |
| Pittman Avenue          | Ulladulla             | Princes Highway      | South Pacific Crescent | Ped path       | Southern | 456    | 9               | \$36,575  | - Provide access to bus stop  |
| Redcliff Park reserve   | East Nowra            | Greenwell Point Road | Kameruka Close         | Ped path       | Off-road | 429    | 9               | \$33,484  | - Vacant land currently used by pedestrians (track worn in grass)   |
| Shoalhaven Street       | Nowra                 | Douglas Street       | Jervis Street          | Ped path       | Eastern  | 225    | 9               | \$17,554  | - Connect Pedestrian Route  |
| Sutton Street           | Vincentia             | Elizabeth Street     | end                    | Ped path       | Western  | 322    | 9               | \$25,139  | - No footpath on either side<br>- Provide access to Residential walk  |
| Terry Street            | St Georges Basin      | St Georges Road      | Tasman Road            | Ped path       | Eastern  | 220    | 9               | \$17,182  | - No footpath on either side<br>- Provide access to general store and hall                                      |
| THE WOOL RD             | BASIN VIEW            | PRINCES HWY          | JOHN ST                | Ped path       | South    | 2217   | 9               | \$172,926 |   |
| Turley Avenue           | Bomaderry             | Lyndburn Avenue      | Princes Highway        | Ped path       | Southern | 261    | 9               | \$20,349  | - No footpath on either side<br>- Provide connection to Residences  |
| Augusta Place           | Mollymook             | Clyde Street         | end                    | Ped path       | Eastern  | 278    | 8               | \$21,685  | - No footpath on either side<br>- Connect two planned shared paths  |
| Claylands Drive Reserve | St Georges Basin East | Claylands Dr         | Cammaray Dr            | Ped path       | Off road | 370    | 8               | \$28,860  | - No footpath through reserve<br>- Connecting Kurraba Pl, Wonga Pl, Jackson Cl with Claylands & Cammaray Drives |
| Clyde Street            | Mollymook             | Mitchell Parade      | Augusta Place          | Ped path       | Northern | 734    | 8               | \$57,216  | - No footpath on either side<br>- Connect two planned shared paths  |
| Did-Dell Street         | Ulladulla             | Powell Avenue        | Rennys Beach Close     | Ped path       | Western  | 95     | 8               | \$7,389   | - No footpath on either side<br>- Extend recreational walk  |
| McGowen Street          | Old Erowal Bay        | MacGibbon Parade     | Page Street            | Ped path       | Eastern  | 394    | 8               | \$30,741  | - No footpath on either side<br>- Connects existing and planned shared paths                                    |
| Robin Place             | Mollymook             | Oxley Crescent       | end                    | Ped path       | Western  | 134    | 8               | \$10,448  | - No footpath on either side<br>- Provide access to School<br>- Connect to planned shared path                  |

**Shoalhaven City Council**  
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| Location                   | Urban Area            | From                | To                        | Works Required | Side        | LENGTH | Priority Rating | Cost      | Issues and details  |
|----------------------------|-----------------------|---------------------|---------------------------|----------------|-------------|--------|-----------------|-----------|---|
| South Pacific Crescent     | Ulladulla             | bend                | Coral Cr                  | Ped path       | Western     | 452    | 8               | \$35,248  | - No footpath on either side<br>- Extend recreational walk  |
| Vendetta St                | East Nowra            | Vendetta St         | existing path             | Ped path       | Off road    | 10     | 8               | \$780     | - Finish footpath<br>- Provide access for pedestrians with prams, strollers and mobility impairments  |
| Wool Lane                  | St Georges Basin East | Kerry Street        | access to reserve to west | Ped path       | Western     | 102    | 8               | \$7,939   | - No footpath on either side<br>- Connects planned footpaths  |
| Park Road                  | East Nowra            | Kembla Close        | Park Rd                   | Ped path       | Off road    | 85     | 7               | \$6,630   | - No footpath through reserve<br>- Provide access for pedestrians with prams, strollers and mobility impairments  |
| Supply St reserve          | East Nowra            | Allowrie Crescent   | Allowrie Crescent         | Ped path       | Off road    | 191    | 7               | \$14,898  | - Extend existing footpath, continue pedestrian route   |
| Beinda St                  | Bomaderry             | Princes Hwy         | Bowong Road               | Ped path       |             | 600    | 5               | \$46,800  |   |
| Jasmine Drive              | Bomaderry             | Cambewarra Road     | Lyndhurst Drive           | Ped path       | Eastern     | 1259   | 5               | \$98,186  | - Currently no footpaths on either side of the road<br>- Provides access to schools, recreation area, shops and bus stops<br>- Could serve as a pedestrian route for the north Bomaderry area |
| Lake Conjola entrance road | Lake Conjola          | Norman              | Bowling Club              | Ped path       | Southern    | 160    | 11              | \$12,480  |   |
| Monk Cres                  | Bomaderry             | Lyndhurst drive     | Meroo Road                |                | On/Off road | 480    | 5               | \$37,440  | Mix of on and off road route  |
| Carmen Place               | Ulladulla             | Park                | Rundle Street             | Ped path       | Southern    | 77     | 4               | \$5,986   | - No footpath on either side<br>- Connect two planned shared paths  |
| Leo Drive                  | Mollymook             | Matron Porter Drive | Macley Street             | Ped path       | Eastern     | 1689   | 4               | \$131,773 | - No footpath on either side<br>- Provide access for pedestrians with prams, strollers and mobility impairments   |
| Rundle Street              | Ulladulla             | Carmen Place        | South Street              | Ped path       | Western     | 109    | 4               | \$8,495   | - No footpath on either side<br>- Connect two planned shared paths  |
| Elizabeth Drive            | Vincentia             | Ilfracombe Avenue   | Ada Street                | Ped path       |             | 2284   | 3               | \$178,152 | - No footpath on either side<br>- Provide access to Shops and Schools   |
| MCTERNAN PL                | Worrigee              | GUINEA FLOWER CR    | MCTERNAN PL               | Ped path       | Off road    | 200    | 3               | \$15,600  |   |
| River Road                 | Lake Tabourie         | Lyra Drive          | Bridge                    | Ped path       | Western??   | 375    | 3               | \$29,250  | Inspection required No footpath   |
| BIMBIMBIE AVE pathway      | Bangalee              | BIMBIMBIE AVENUE    | Lockhaven Dr              | Ped path       | Off road    | 100    | 2               | \$7,800   |   |
| RANGER GV pathway          | Bangalee              | RANGER GROVE        | Lockhaven Dr              | Ped path       | Off road    | 100    | 2               | \$7,800   |   |
| REBECCA GR pathway         | Bangalee              | REBECCA GROVE       | Lincorn Close             | Ped path       | Off road    | 100    | 2               | \$7,800   |   |



**Shoalhaven City Council**  
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| Princes Highway     | Nowra            | North Street                        | Moss Street                          | shared path          | eastern              | 75     | 32              | \$8,000   | - Widen existing footpath  |
| Cambewarra Road     | Bomaderry        | Primary School                      | High School                          | shared path          | Northern             | 612    | 31              | \$84,700  | Widen footpath on northern side from High School to Warby St and provide SUP from Primary School Children's Crossing to Brinawarr St   |
| Albatross Rd        | West Nowra       | (200m north) Flinders Rd            | (200m south) Flinders Rd             | shared path/signpost | East                 |        | 30              | \$12,000  | - RTA Program 04/05<br>- On road parallel to Albatross Rd with connecting off road and associated signage. Minor works at intersection to finalise route. Remaining timber bridge 'squeeze point' to be replaced within 2 years. |
| Princes Highway     | Nowra            | Moss Street                         | Bridge Road                          | shared path          | eastern              | 700    | 30              | \$77,000  | - Widen existing footpath  |
| Artie Smith Oval    | Bomaderry        | Bomaderry High School               | Tarawal St & West Birriley St        | shared path          | Off road             | 400    | 28              | \$50,250  | Shared path through park   |
| Kalander Street     | Nowra            | Highway                             | Wallace Street                       | shared path          | Northern             | 270    | 28              | \$35,360  | Shared path - Widening existing  |
| Paradise Beach Road | Sanctuary Point  | Walmer Ave                          | Access Rd (60m north-east Kerry St)  | shared path          | Southern             | 200    | 28              | \$30,000  | Shared path - extension of existing one to Walmer Ave  |
| Paradise Beach Road | Sanctuary Point  | Access Rd (60m north-east Kerry St) | Access Rd (275m north-east Kerry St) | shared path          | southern             | 210    | 28              | \$31,500  | Widen footpath to 2m (very tight)  |
| Tarawal Street      | Bomaderry        | Ringbalin Crescent                  | Birriley Street                      | signpost             | On road              | 407    | 28              | \$2,850   | Signpost road as a cycle route to connect with existing SUP north of Nita CI   |
| Brinawarr Street    | Bomaderry        | Beinda Street                       | Property No. 46                      | shared path          | eastern              | 205    | 27              | \$26,390  | - Shared path<br>- Provide continuous pedestrian path through residential area and bicycle route spine<br>- Access to Nowra TAFE   |
| Princes Highway     | Nowra            | Shoalhaven River Bridge             | Beinda St                            | shared path          | Off road             | 390    | 27              | \$30,000  | - Improved access to Illaroo Rd Int from shared path linking eastern & western sides of the Princes Highway<br>- Signage upgrade<br>- Widen footpath between Illaroo Rd & Turley Av to shared path                               |
| Princes Highway     | Nowra            | Beinda St                           | Cambewarra Road                      | signpost             | On road              | 2,250  | 27              | \$7,000   | - Signage upgrade between Illaroo Rd to Cambewarra Rd  |
| Douglas Street      | East Nowra       | Wallace Street                      | Journal Street                       | signpost             | On road              | 200    | 26              | \$3,000   | - Signpost cyclist route   |
| Hillcrest Avenue    | East Nowra       | Princes Highway                     | John Purcell Way                     | shared path          | Southern             | 350    | 26              | \$52,500  | - No path on either side<br>- Provide access to High School and Playing fields   |
| Illaroo Road        | North Nowra      | Shopping Centre                     | Pitt Street                          | shoulders            | On road              | 770    | 26              | \$2,000   | On road sealed shoulders   |
| Wallace Street      | East Nowra       | Kalander Street                     | Douglas Street                       | signpost             | On road              | 750    | 26              | \$20,000  | - Signpost cyclist route<br>- Construct off road facilities at raised thresholds   |
| John Purcell Way    | East Nowra       | Park Road                           | Hillcrest Avenue                     | shared path          | Eastern              | 400    | 25              | \$60,000  | - No footpath on either side<br>- Provide access to High School and Playing fields   |
| Mitchell Parade     | Mollymook        | Donlan Rd (South)                   | Donlan Rd (North)                    | shared path          | eastern (or on-road) | 400    | 25              |           | Interim safety measures prior to Shared path   |
| Mitchell Parade     | Mollymook        | Tallwood Avenue                     | Mollymook Creek                      | shared path          | eastern              | 1,100  | 25              |           | Shared path  |
| Princes Highway     | Ulladulla        | Racecourse Creek                    | Parson St                            | shared path          | Western              | 1000   | 25              | \$120,000 | - Provide Shared Use Path<br>- 100% RTA responsibility   |
| Island Point Road   | St Georges Basin | CBD Crossing Facility near Bruce St | Collett PI                           | shared path          | Western              | 120    | 24              | \$18,000  | - Completion a chance in 04/05 if DIPNR funds permit<br>- Completion of Basin View to St   |
| North Street        | Nowra            | Princes Highway                     | Brereton Street                      | signpost             | On road              | 130    | 24              | \$2,000   | - Signpost cyclist route   |
| Parson Street       | Ulladulla        | Princes Highway                     | St Vincent St                        | shared path          | southern             | 200    | 24              | \$24,000  | - Provide Shared Use Path  |
| Princes Highway     | Burrill Lake     | Racecourse Creek                    | Creek 275m North Cooper St           | shared path          | Western              | 1320   | 24              | \$158,400 | - Provide Shared Use Path<br>- 100% RTA responsibility   |

**Shoalhaven City Council**  
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| Sanctuary Point Sports Ground | Sanctuary Point | Paradise Beach Rd Access (north) | Paradise Beach Rd Access (south) | signpost              | On road  | 210    | 24              |           | Provide Shared Traffic Area/Mixed Traffic Street   |
| St Vincent Street             | Ulladulla       | Parson St                        | Ulladulla High School            | shared path           | Western  | 420    | 24              | \$50,400  | - Provide Shared Use Path  |
| Beinda Street                 | Bomaderry       | Nowra TAFE                       | Brinawarr Street                 | shared path           | Northern | 180    | 23              | \$26,390  | - No footpath on either side<br>- Access to Nowra TAFE   |
| Brinawarr Street              | Bomaderry       | Tarawara St                      | Property No. 46                  | signpost              | On road  | 160    | 23              | \$1,170   | - Signpost road as cyclist route<br>- Bomaderry bicycle route spine<br>- Link to Existing SUP at Bomaderry CBD<br>- Access to Nowra TAFE |
| Greenwell Point Road          | East Nowra      | Tarraba Cr                       | Worrigee Road                    | shared path           | southern | 1,500  | 23              | \$225,000 |  |
| Kalander Street               | East Nowra      | Stuart St                        | Secombe Street                   | shared path           | Northern | 500    | 23              | \$75,000  | Shared path  |
| Park Road                     | East Nowra      | John Purcell Way                 | Moresby St                       | shared path           | southern | 200    | 23              | \$30,000  | Shared Path  |
| Pinces Highway                | Burrill Lake    | Cooper Street                    | Commonwealth Av                  | shared path           | Western  | 515    | 23              | \$61,800  | - 100% RTA responsibility<br>- Provide Shared path   |
| Princes Highway               | Burrill Lake    | Creek 275m North Cooper St       | Creek 275m North Cooper St       | bridge                | Western  | 10     | 23              | \$60,000  | - Provide 9.82m span bridge along Shared Use Path route<br>- 100%RTA responsibility  |
| Princes Highway               | Burrill Lake    | Cooper Street                    | Creek 275m North Cooper St       | shared path           | Western  | 275    | 23              | \$33,000  | - 100% RTA responsibility<br>- Provide Shared path   |
| Princes Highway               | Ulladulla       | Racecourse Creek                 | Racecourse Creek                 | bridge                | Western  | 11     | 23              | \$60,000  | - Provide 10.9m span bridge along Shared Use Path route<br>- 100% RTA responsibility   |
| Queenborough Street           | East Nowra      | McKay Street                     | Stuart Street                    | shared path           | Western  | 260    | 23              | \$39,000  | - Existing On road bicycle route<br>- Missing footpath/SUP link  |
| Tarawara Street               | Bomaderry       | Brinawarr Street                 | Meroo Street                     | signpost              | on road  | 540    | 23              | \$5,000   | - Signpost road as cyclist route<br>- Bomaderry bicycle route spine<br>- Link to Existing SUP at Bomaderry CBD<br>- Access to Nowra TAFE |
| Cambewarra Road               | Bomaderry       | Meroo Road                       | Primary School                   | shared path           | southern | 270    | 22              | \$53,500  | Shared path  |
| Camden Street                 | Ulladulla       | playing fields                   | bend near SES                    | shared path           | Eastern  | 697    | 22              | \$53,500  | - No footpath on either side<br>- Connect two planned shared paths   |
| Meroo Street                  | Bomaderry       | Railway Station                  | Cambewarra Road                  | shared path           | western  | 400    | 22              | \$41,280  | Widen footpath on western side to ped refuge & provide SUP on eastern side from ped refuge to Station                                    |
| River Rd                      | Sussex Inlet    | Chris Creek                      |                                  | shared path on bridge | Eastern  | 25     | 22              | \$110,000 | Existing narrow bridge including approaches (70m + 35m)  |
| Stuart Street                 | East Nowra      | Kalander Street                  | Queenborough Street              | shared path           | Western  | 200    | 22              | \$20,000  | - Widen existing footpath<br>- Existing On road bicycle Route  |
| Thomson St                    | Sussex Inlet    | Sussex Inlet Primary School      | SI Sporting Complex              | shared path           | Northern | 100    | 22              | \$24,000  | shared path/K&G on northern side   |
| Berry Street                  | Nowra           | Albatross Road                   | Plunkett Street                  | signpost              | On road  | 1,100  | 21              | \$1,000   | Cycle lanes - both sides   |
| Green Street                  | Ulladulla       | St Vincents Street               | Highway                          | shared path           | northern | 250    | 21              | \$53,500  | Shared path - extension of existing Green Street path  |
| Kalander Street               | East Nowra      | Seccombe Street                  | Service Road - east end          | signpost              | On road  | 500    | 21              | \$1,000   | Signpost road for use by cyclists  |
| Leonard St                    | Bomaderry       | Lyndhurst Dr                     | Sampson Cres                     | signpost              | on road  |        | 21              | \$1,000   |  |
| McMahons Road                 | North Nowra     | Shopping Centre                  | Judith Drive                     | shared path           | Northern | 600    | 21              | \$53,500  | Upgrade existing footpath to provide for shared use.   |
| McMahons Road                 | North Nowra     | Judith Drive                     | Near Radio 2ST                   | shared path           | Northern | 450    | 21              | \$53,500  | Shared path  |
| Ulladulla Harbour             | Ulladulla       | North Head                       | Ulladulla Caravan Park           | shared path           | Off road | 2,000  | 21              | \$53,500  | Shared path through harbour reserve via CBD  |
| Albatross Road                | Nowra           | Maclean Street                   | Kinghorne Street                 | signpost              | On road  | 650    | 20              | \$1,000   | Cycle lanes - both sides   |
| Anson Street                  | Sanctuary Point | Kerry Street                     | St Georges Basin reserve         | shared path           | eastern  | 145    | 20              | \$21,750  | - Provide Shared Use Path  |
| Camden Street                 | Ulladulla       | bend near SES                    | South Street                     | shared path           | Off road | 1,000  | 20              | \$150,000 | Shared path  |
| Emmett Street                 | Callala Bay     | Callala Bay Public School        | Sports Ground                    | Shared Path           | Southern | 120    | 20              | \$18,000  | - No path on either side<br>- Provide access to School, shops & sports ground. To be funded 04/05 with K&G                               |
| Emmett Street                 | Callala Bay     | Sports Ground                    | Australia Av                     | shared path           | Northern | 185    | 20              | \$27,750  | - No path on either side<br>- Provide access to School, shops & sports ground. To be funded 04/05  |
| Illaroo Road                  | North Nowra     | Pitt Street                      | West Cambewarra Rd               | shared path           | Eastern  | 740    | 20              | \$111,000 | Shared path  |
| Nita Place                    | Bomaderry       | Brinawarr Street                 | Ringbalin Crescent               | signpost              | On road  | 300    | 20              | \$2,850   | Signpost road as a cycle route to connect with existing SUP north of Nita CI   |
| Scenic Drive                  | Nowra           | Bridge Road                      | North Street                     | signpost              | On road  | 1,200  | 20              |           | Signpost road for use by cyclists  |
| Sussex Inlet Sports Complex   | Sussex Inlet    | Existing SUP                     | Sussex Inlet Public School       | shared path           | Off road | 65     | 20              | \$15,000  | Complete final SUP link, including Directional Signage (entire SI route) & pavement logos on-road SI route sections.                     |

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| Tallwood Ave  | Mollymook              | Mitchell Parade                     | Carroll Ave  | shared path    | western  | 210    | 20              | \$31,500  | Shared path  |
| Thomson St  | Sussex Inlet           | The Springs Rd                      | Sussex Inlet Primary School  | shoulders      | On road  | 370    | 20              |           |  |
| Yalwal Rd   | WEST NOWRA             | ALBATROSS RD                        | DEPOT RD   | Shared path    | Southern | 700    | 20              | \$105,000 |  |
| Carroll Avenue                                      | Mollymook              | Tallwood Avenue                     | Forest Way   | shared path    | southern | 275    | 19              | \$41,250  | Shared path  |
| Elizabeth Dr  | Vincentia              | Moona Moona Ck Bridge               |  | bridge         | eastern  |        | 19              |           | Widen existing footpath bridge (low priority)  |
| Lake Conjola Entrance Rd                            | Lake Conjola           | Bowling Club                        | Lake Conjola Entrance Tourist Park                                     | signage        | On road  | 1,500  | 19              |           | Signpost road for use by cyclists  |
| Moss Street   | Nowra                  | Brereton Street                     | Ferry Lane   | signpost       | On Road  | 2,400  | 19              |           | Signpost road for use by cyclists  |
| North Street  | Berry                  | Prince Alfred St                    | Sports Centre  | shared path    |          | 150    | 19              | \$24,000  | Investigate providing access from proposed footpath along SH1 in 05/06   |
| Princes Highway                                     | Lake Tabourie          | General Store                       | Intersection leading to Lake Tabourie Tourist Park over Tabourie Creek | shared path    | Off road | 1,700  | 19              | \$275,000 | Bridge component should be considered in conjunction 3611 //T2003/22   |
| Princes Highway                                     | Lake Tabourie          | Tabourie Creek                      |  | bridge         | Off road | 60     | 19              | \$75,000  | 1700m SUP link along Princes Hwy also required 3611 //T2003/22   |
| Shoalhaven Heads Rd                                 | Shoalhaven Heads       | McIntosh St                         | Mathews St   | shared path    | northern | 473    | 19              | \$75,680  |  |
| Shoalhaven Heads Rd                                 | Shoalhaven Heads       | Explorer Blvd                       | Mathews St   | shared path    | northern | 305    | 19              | \$48,800  | consultation (route through sports complex group)  |
| South Street  | Ulladulla              | Vigilant Street                     | High school  | shared path    | Northern | 290    | 19              | \$43,500  | Shared path  |
| Vigilant St   | Ulladulla              | South Street                        | Morris St reserve  | signpost       | On road  |        | 19              |           |  |
| Warden Street                                       | Ulladulla              | Green Street                        | South Street   | shared path    | western  | 370    | 19              | \$55,500  | Shared path  |
| Wharf Road  | Nowra                  | Riverview Road                      | Path under bridge  | signpost       | On road  | 160    | 19              |           | Signpost road for use by cyclists  |
| Anson Street  | Sanctuary Point        | Cammaray Dr                         | Kerry Street   | signpost       | On road  | 180    | 18              | \$1,000   | Signpost route for cyclists  |
| Bolong Road   | Bomaderry              | Brinawarr Street                    | Highway  | shared path    | off road |        | 18              | \$0       |  |
| Cammaray Drive                                      | Sanctuary Point        | Claylands Dr                        | Anson St   | signpost       | On road  | 750    | 18              | \$10,000  | Provide SUP treatments at the intersections of Cammaray Drive with:<br>1. Anson St 2. Claylands Dr 3. Along access road into the Wool Lane Sporting Complex. |
| Claylands Drive                                     | St. Georges Basin East | Durnford Pl                         | Cammaray Dr  | signpost       | On road  | 315    | 18              | \$1,000   | Signpost route for cyclists  |
| Durnford Place                                      | St. Georges Basin East | Reserve between 11 & 12 Durnford Pl | Claylands Dr   | signpost       | On road  | 250    | 18              | \$1,500   | Signpost route for cyclists  |
| Foreshore link (including Sussex Rd & Edgewater Av) | Sussex Inlet           | Lyons Rd                            | Pacificana Dr  | shared path    | Off road | 1,000  | 18              | \$84,800  | Edgewater Ave (past Lakehaven & Christine Sts) & consultation  |
| Jacobs Drive  | Sussex Inlet           | Sussex Inlet Rd                     | Sussex House   | shoulders      | On road  | 1,700  | 18              |           | onroad sealed shoulders on existing dirt   |
| Kalander Street                                     | Nowra                  | Kinghorne Street                    | Highway  | shared path    | Northern | 870    | 18              | \$130,500 | Shared path  |
| Murramarang Rd                                      | Kioloa                 | Racecourse Beach touris park        | Scerri Drive   | shared path    |          | 3,000  | 18              | \$480,000 |  |
| Princes Highway                                     | Nowra                  | Bridge Road                         | Shoalhaven River Bridge  | shared path    | Off road | 300    | 18              | \$19,000  | - Link beneath Shoalhaven River Bridge to eastern & western sides of the Princes Highway<br>- Signage upgrade  |
| Public Wharf and Reserve                            | Greenwell Point        | pool and reserve                    | North Boat Ramp  | shared path    | Off-road | 140    | 18              | \$21,000  |  |
| Seccombe Street                                     | East Nowra             | Lyrbird park                        | Kalander Street  | signpost       | On road  | 600    | 18              |           | Signpost road for use by cyclists  |
| Woollamia Road                                      | Huskisson              | Industrial Estate                   | Huskisson Road   | shared path    | Eastern  | 748    | 18              | \$112,200 | Shared Path  |
| Yalwal Rd   | WEST NOWRA             | DEPOT RD                            | FILTER RD  | Shared path    | Southern | 430    | 18              | \$64,500  |  |
| Anson St  | St. Georges Basin East | 159 Anson St                        | Island Point Road  | shared path    | Northern | 325    | 17              | \$48,750  | Developer to be conditioned to provide link. Link in private ownership   |
| Bolong Road   | Bomaderry              | Meroo Street                        | Paper Mill   | shoulders      | on road  | 2,200  | 17              | \$330,000 | Sealed shoulders - both sides  |
| Castle Glem   | North Nowra            | Jamieson Road                       | Primary School   | signpost       | On road  | 300    | 17              |           | Signpost road for use by cyclists  |
| Graham Street                                       | Nowra                  | Bridge Road                         | McGrath Avenue   | signpost       | On road  | 270    | 17              |           | Signpost road for use by cyclists  |

**Shoalhaven City Council**  
**Asset Management Plan – Footpaths and Cycleways**

| Location                    | Urban Area             | From                          | To                                  | Works Required | Side     | LENGTH | Priority Rating | Cost      | Issues and details  |
|-----------------------------|------------------------|-------------------------------|-------------------------------------|----------------|----------|--------|-----------------|-----------|---|
| Green Street                | Ulladulla              | Warden Street                 | TAFE                                | shared path    | southern | 420    | 17              | \$63,000  | widen to Shared path  |
| Jamieson Road               | North Nowra            | Castle Glen                   | Federation Place                    | signpost       | On road  | 120    | 17              |           | Signpost road for use by cyclists   |
| Kinghome Street             | Nowra                  | Kalander Street               | St.Anns Street                      | shared path    | eastern  | 260    | 17              | \$42,000  | Upgrade existing path for shared use  |
| Maybern Close               | North Nowra            | Illaroo Road                  | Farrar Drive                        | signpost       | On road  |        | 17              |           |   |
| McGrath Ave                 | Nowra                  | Graham Street                 | end                                 | signpost       | On road  | 250    | 17              |           | Signpost road for use by cyclists   |
| Pitt Street                 | North Nowra            | Nellore Place                 | Blue Gum Way                        | shared path    | eastern  | 310    | 17              | \$46,500  | Shared path   |
| Princes Highway             | Milton                 | Catholic Primary School       | Myrtle Street                       | shared path    | Western  | 590    | 17              | \$88,500  | Shared path   |
| Sampson Cres                | Bomaderry              | Leonard St                    | reserve east side                   | signpost       | on road  |        | 17              |           |   |
| Shoalhaven Heads Rd         | Shoalhaven Heads       | Shoalhaven Heads Bowling Club | Explorer Bvd                        | shared path    | Northern | 130    | 17              | \$20,800  | consultation  |
| Terara Road                 | Nowra                  | Ferry Lane                    | Milbank Road                        | signpost       | On Road  |        | 17              |           |   |
| Village Drive               | Ulladulla              | Timbs Street                  | Green Street                        | signpost       | On road  | 1,300  | 17              |           | Sealed shoulders - both sides   |
| Anson St                    | St. Georges Basin East | 159 Anson St                  | Reserve between 11 & 12 Durnford Pl | shared path    | Off road | 115    | 16              | \$15,000  | Provide Shared Use Path 35m & 80m widening existing footpath  |
| Bangalee link               | North Nowra            | Cocunut Drive                 | Burandool Ave                       | shared path    | Off road | 420    | 16              | \$63,000  | Shared path - involves crossing of the Regional Services Corr.  |
| Cavalier Pde reserve        | Bomaderry              | Cavalier Parade               | Jasmine Drive                       | shared path    | off road | 360    | 16              | \$54,000  | Shared path   |
| Cavalier Pde reserve        | Bomaderry              | Wasdale Place                 | prop shared path                    | shared path    | off Road | 300    | 16              | \$45,000  | Mix of on and off road route  |
| Cavalier Pde reserve        | Bomaderry              | Sporting Complex              | Shopping Centre                     | shared path    | off road | 240    | 16              | \$36,000  | Shared path   |
| Federation Place            | North Nowra            | Jamieson Road                 | end                                 | signpost       | on road  |        | 16              |           |   |
| Halcot estate link          | North Nowra            | Federation Place              | Uranna Ave                          | shared path    | Off road | 210    | 16              | \$31,500  | Shared path through reserve - involves crossing of creek - many not be possible involves private land |
| Jervis Street               | Nowra                  | Wallace Street                | Lyrbird Park                        | signpost       | On road  | 240    | 16              |           | Signpost road for use by cyclists   |
| Lumsden Road                | North Nowra            | Judith Drive                  | Cul de sac                          | signpost       | On road  | 249    | 16              |           | Signpost road for use by cyclists   |
| McDonald Avenue             | Burrill Lake           | Queanbeyan Av                 | Existing footpath                   | shared path    | Western  | 160    | 16              | \$19,200  | - Provide SUP To connect with Existing footpath   |
| Narang Road                 | Bomaderry              | Princes Hwy                   | Tennis Court                        | shared path    | northern | 400    | 16              | \$60,000  | Shared path   |
| Owen Street                 | Huskisson              | Sydney Street                 | Hawke Street                        | signpost       | On road  | 390    | 16              |           | Signpost road for use by cyclists   |
| Princes Highway             | Burrill Lake           | Burrill Lake Bridge           | Wallaroy Dr                         | shared path    | Northern | 460    | 16              | \$69,000  | Shared path   |
| Princes Highway             | Ulladulla              | Village Drive                 | St.Vincents Street                  | shoulders      | On road  | 1,000  | 16              |           | Sealed shoulders - both sides   |
| Shoalhaven Sporting Complex | Bomaderry              | Sporting Complex              | Cavalier Parade                     | shared path    | off road | 600    | 16              | \$90,000  | Shared path   |
| St Georges Basin Reserve    | Sanctuary Point        | Anson St                      | Paradise Beach Road                 | shared path    | Off road | 1450   | 16              | \$217,500 | - Provide Shared Use Path   |
| The Springs Rd              | Swanhaven              | Thomson St                    | Hoffman Dr                          | shoulders      |          | 1,320  | 16              | \$132,000 | Ward 3 Mtg 13 May 2004  |
| West Street Oval            | Nowra                  | Worrigea Street               | Bice Road                           | shared path    | Off road | 1,300  | 16              | \$195,000 | Shared path through public reserve - included creek crossing.   |
| Crawford Drive              | North Nowra            | Judith Drive                  | Lumsden Road                        | signpost       | On road  | 380    | 15              |           | Signpost road for use by cyclists (Why?)  |
| Crest Avenue                | North Nowra            | Illaroo Road                  | Yurunga Drive                       | signpost       | On road  | 260    | 15              |           | Signpost road for use by cyclists   |
| David C/Lyndhurst Dr        | Bomaderry              | cul-de-sac                    | Yeovil Drive                        | signpost       | On road  | 187    | 15              |           | Signpost road for use by cyclists   |
| Dolphin Point Road          | Burrill Lake           | Princes Highway               | Seaside Parade                      | shared path    | Eastern  | 860    | 15              | \$129,000 | Shared path & safe highway crossing   |
| East St to Cox Ave          | Nowra                  | Kalandar Street               | Douglas Street                      | signpost       | On road  | 930    | 15              |           | Signpost road for use by cyclists   |
| Ferry Lane                  | Nowra                  | Riverview Road                | Terara Road                         | signpost       | On road  | 530    | 15              |           | Signpost road for use by cyclists   |
| George Evans Road           | Nowra                  | Yalwal Road                   | University Campus                   | shared path    | eastern  | 700    | 15              | \$105,000 | Shared path   |
| Goolagong Street            | North Nowra            | Judith Drive                  | Drexel Park Reserve                 | signpost       | On road  | 250    | 15              |           | Signpost road for use by cyclists   |
| Hawthorn Avenue             | Nowra                  | Pleasant Way                  | Riverview Road                      | signpost       | On road  |        | 15              |           | (Not necessary if SUP links Shoalhaven River Bridge to Riverview Rd)                                  |
| Walmer Avenue               | Sanctuary Point        | Paradise Beach Road           | Milson Street                       | signpost       | On road  | 1,100  | 15              |           | Signpost road for use by cyclists   |
| Milson Street               | Sanctuary Point        | Greville Ave                  | Walmer Av                           | signpost       | On road  | 100    | 15              |           | Signpost road for use by cyclists   |
| Morris Street               | Ulladulla              | Warden Street                 | bend                                | signpost       | On road  | 650    | 15              |           | Mix of signposted road and short path through linking reserve.  |

**Shoalhaven City Council**  
**Asset Management Plan – Footpaths and Cycleways**

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| Moss Vale Rd                    | Kangaroo Valley  | Osbourne Park             | Nugents Creek Rd   | shared path    |          | 1,100  | 15              | \$165,000 | in bike plan   |
| Murramarang Rd                  | Bawley Point     | General Store             | Voyager Cres Shopping Centre   | shared path    |          | 1,600  | 15              | \$256,000 | 2m wide path, linemark and logo  |
| Murramarang Rd                  | Bawley Point     | Loriket Cl                | General Store (near Thrush St)   | shared path    |          | 376    | 15              | \$60,160  | 2m wide path, linemark and logo  |
| North Street                    | Nowra            | Scenic Drive              | Catholic Primary School  | signpost       | On road  | 450    | 15              |           | Signpost road for use by cyclists  |
| Peak Ave                        | North Nowra      | Yurunga Drive             | Hansons Road   | signpost       | On road  | 550    | 15              |           | Signpost road for use by cyclists  |
| Pleasant Way                    | Nowra            | Hawthorn Avenue           | Highway  | signpost       | On road  | 260    | 15              |           | Signpost road for use by cyclists  |
| Sanctuary Point Road            | Sanctuary Point  | Paradise Beach Road       | Greville Ave   | signpost       | On road  | 2,000  | 15              |           | Signpost road for use by cyclists  |
| Sharman park                    | North Nowra      | Lumsden Road              | Shopping Centre  | shared path    | Off road | 240    | 15              | \$36,000  | Upgrade existing path through northern part of park  |
| Shoalhaven Heads Rd             | Shoalhaven Heads | Bolong Rd                 | Shoalhaven Heads Bowling Club  | shared path    | Southern | 680    | 15              | \$108,800 |  |
| Yeovil Drive                    | Bomaderry        | Lyndhurst Drive           | Meroo Rd pathway   | signpost       | On road  | 406    | 15              |           | Signpost road for use by cyclists  |
| Yurunga Drive                   | North Nowra      | Gleneagle Parade          | Western end of Yurunga   | signpost       | On road  | 330    | 15              |           | Signpost road for use by cyclists  |
| Yurunga Drive (not constructed) | North Nowra      | Existing west end         | eastern end - River Ridge  | signpost       | On road  | 310    | 15              |           | Signpost road for use by cyclists - cannot be implemented until development occurs   |
| Boag Street                     | Mollymook        | Public Reserve (near Hwy) | Davies Street  | signpost       | On road  | 480    | 14              |           | Signpost road for use by cyclists  |
| Bunberra Street                 | Bomaderry        | Robey Street              | West Bunberra Street   | signpost       | on road  | 596    | 14              |           | Signpost road for use by cyclists  |
| Burrill Street                  | Huskisson        | Jervis Street             | Moona Creek Bridge   | shared path    | Eastern  | 370    | 14              | \$55,500  | Shared path  |
| Callala Bay Rd                  | Callala Bay      | Emmett St                 | Town limit   | shoulders      | On road  | 929    | 14              | \$139,350 | consultation   |
| Commonwealth Street             | Burrill Lake     | Princess Av               | Queanbeyan Av  | signpost       | On road  | 85     | 14              | \$2,000   | Provide on road cycle route  |
| Croobyar Road                   | Milton           | Princes Highway           | Wilfords Lane  | shared path    | Southern | 484    | 14              | \$72,600  | Shared path  |
| Elizabeth Drive                 | Vincentia        | Burton Street             | Jervis Street  | shared path    | Southern | 1,700  | 14              | \$255,000 | Shared path  |
| Garside Road                    | Mollymook        | Matron Porter Drive       | eastern edge of School site  | shared path    | Northern | 450    | 14              | \$67,500  | Shared path  |
| Greville Ave                    | Sanctuary Point  | Sanctuary Point Road      | Milson Street  | signpost       | On road  | 1,700  | 14              |           | Signpost road for use by cyclists  |
| Jerry Bailey Rd                 | Shoalhaven Heads | Hay Ave                   | Shoalhaven Rd  | signpost       |          | 1,100  | 14              | \$5,900   | signpost route on road. 10logos 6 signs line 2   |
| Mahogany Creek Res              | North Nowra      | Farrar Drive              | Judith Drive   | shared path    | Off road | 240    | 14              | \$36,000  | Signpost road for use by cyclists  |
| Marriott Park                   | Nowra            | Douglas Street            | Plunkett Street  | shared path    | Off road | 150    | 14              | \$22,500  | Shared path through park   |
| McDonald Avenue                 | Nowra            | Albatross Road            | End of Ave   | signpost       | On road  | 520    | 14              |           | Signpost road for use by cyclists  |
| Morris Street Park              | Ulladulla        | Morris Street             | Vigilant St  | shared path    | Off-road | 267    | 14              | \$39,995  | - Connect two planned shared paths   |
| Murre St                        | Sussex Inlet     | Avocet                    | Sussex Inlet Rd  | signpost       | On road  | 290    | 14              | \$1,540   | 2logos, 2 signs, lines*2   |
| Princes Highway                 | Dolphin Point    | Wallaroy Drive            | turn off to Lake Tabourie Tourist Park existing bridge over Tabourie Creek | shoulders      |          | 2,000  | 14              | \$200,000 | consultation   |
| Princes Highway                 | Milton           | Croobyar Road             | Village Drive  | shared path    | Southern | 3,790  | 14              | \$568,446 | - No footpath on either side<br>- Link all three towns<br>- Shared path similar to Huskisson to Vincentia path<br>- Create recreational activity<br>- Increase accessibility/mobility for young people |
| Queanbeyan Avenue               | Burrill Lake     | Commonwealth St           | McDonald Pde   | signpost       | On road  | 275    | 14              | \$1,500   | Provide on road cycle route  |
| Ritchie St                      | Bomaderry        | Sampson Cres              | Leonard St   | signpost       | on road  |        | 14              |           |  |
| Shanklin Close pathway          | Bomaderry        | Shanklin Close            | Shopping Centre  | shared path    | off road | 264    | 14              | \$39,600  | Shared path  |
| South Street                    | Ulladulla        | Did Dell Street           | Highway  | signpost       | On road  | 450    | 14              |           | Signpost road for use by cyclists  |
| Surf Club reserve               | Mollymook        | Mollymook Creek           | Surf Club  | shared path    | Off road | 430    | 14              | \$64,500  | Shared Path  |
| Wallace Street                  | Mollymook        | Davies Street             | Golf Avenue  | signpost       | On road  | 290    | 14              |           | Signpost road for use by cyclists  |
| West Bunberra Street            | Bomaderry        | Princes Highway           | Bunberra Street  | signpost       | on road  |        | 14              |           |  |
| Yalwal Rd                       | WEST NOWRA       | FILTER RD                 | George Evans Road  | Shared path    | Northern | 750    | 14              | \$150,000 | Difficulty constructing bridge approaches  |
| Shanklin Close                  | Bomaderry        | Lyndhurst Dr              | end  | signpost       | on road  |        | 13              |           |  |
| Albatross Road                  | HMAS Albatross   | Braidwood Rd              | existing shoulders   | shoulders      | Western  | 400    | 13              | \$12,000  | extend shoulders on western side of Albatross Rd   |
| Bannister Head Road             | Mollymook        | Matron Porter Drive       | Tallwood Avenue  | signpost       | On road  | 1,500  | 13              |           | Signpost road for use by cyclists  |

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| Binden Cl                       | Bomaderry        | Monk Cr                 | end                    |                | signpost    | on road  |                 | 13   |  |
| Cane Close                      | North Nowra      | Golden Cane Ave         | end                    |                | signpost    | on road  | 120             | 13   | Shared path - involves safe crossing of Pitt street                      |
| Clarke Ave/Ambassador Ave       | North Nowra      | Hansons Road            | Gleneagle Parade       |                | signpost    | On road  | 310             | 13   | Signpost road for use by cyclists  |
| Cocus Palm Drive                | Bomaderry        | Jasmine Drive           | Public Reserve         |                | signpost    | On road  | 200             | 13   | Signpost road for use by cyclists  |
| Coral Crescent                  | Ulladulla        | Pitman Avenue           | Dowling Street         |                | signpost    | On road  | 700             | 13   | Signpost road for use by cyclists  |
| Dalwah Street                   | Bomaderry        | Tarawara Street         | Biriley Street         |                | signpost    | on road  | 465             | 13   | Signpost road for use by cyclists  |
| Did Dell Street                 | Ulladulla        | Powall Ave              | South Street           |                | signpost    | On road  | 690             | 13   | Signpost road for use by cyclists  |
| Forest Way/Oxley Cr             | Mollymook        | Treetops Cr(E)          | Robin Place            |                | shared path | Northern | 670             | 13   | \$100,500<br>Shared path   |
| Gleneagle Parade                | North Nowra      | Ambassador Ave          | Yarunga Drive          |                | signpost    | On road  | 270             | 13   | Signpost road for use by cyclists  |
| Golden Cane Ave                 | North Nowra      | Cane Close              | bend                   |                | signpost    | On road  | 285             | 13   | Signpost road for use by cyclists  |
| Graham Street                   | Milton           | Church Street           | Gordon Street          |                | signpost    | On road  | 264             | 13   | Signpost road for use by cyclists  |
| Harry Sawkins Park              | Nowra            | McGrath ave             | Highway                |                | shared path | Off road |                 | 13   | \$0  |
| Jamieson Rd reserve             | North Nowra      | Federation Place        | Ilaroo Road Roundabout |                | shared path | Off road | 80              | 13   | \$12,000<br>Upgrade existing gravel path to provide for shared use.      |
| Judith Drive                    | North Nowra      | Lumsden Road            | NN Primary School      |                | signpost    | On road  | 230             | 13   | Signpost road for use by cyclists  |
| Karowa Street                   | Bomaderry        | Biriley Street          | Primary School         |                | signpost    | On road  | 196             | 13   | Signpost road for use by cyclists  |
| Link Thomson St to Lakehaven Dr | Sussex Inlet     | Thomson St              | Lakehaven St           |                | shared path | Off road | 340             | 13   | \$51,000<br>consultation   |
| Matron Porter Drive             | Mollymook        | Bangalow Street         | Leo Drive              |                | shared path | eastern  | 1,300           | 13   | \$195,000<br>Shared path   |
| Monk Cres                       | Bomaderry        | Binden Cl               | Penrose Dr             |                | signpost    | on road  |                 | 13   |  |
| Nellore Place                   | North Nowra      | Pitt Street             | Cul-de-sac             |                | signpost    | On road  | 100             | 13   | Signpost road for use by cyclists - short path through reserve to school |
| Park Street/Watt Street         | Huskisson        | Tomerong Road           | Tomerong Road          |                | signpost    | On road  | 404             | 13   | Signpost road for use by cyclists  |
| Penrose Dr                      | Bomaderry        | Monk Cr                 | Meroo Rd               |                | signpost    | on road  |                 | 13   |  |
| Phillip Drive                   | North Nowra      | Public reserve          | Castle Glen            |                | signpost    | On road  | 180             | 13   | Signpost road for use by cyclists  |
| River Rd                        | Shoalhaven Heads | Shoalhaven Tourist Park | Jerry Bailey Rd        |                | signpost    |          | 1,050           | 13   | \$5,700<br>consultation  |
| Rotary Park                     | Ulladulla        | Crescent Street         | Highway                |                | shared path | Off road | 300             | 13   | \$45,000<br>Shared path through harbour reserve                          |
| Shoalhaven River Bridge         | Nowra            | North end east side     | North end west side    |                | shared path | Off road | 50              | 13   | \$7,500<br>Upgrade existing shared path under bridge                     |
| Shoalhaven Sporting Complex     | Bomaderry        | Cambewarra Road         | end of access road     |                | signpost    | On road  | 250             | 13   | Signpost road for use by cyclists  |
| St.Anns Street                  | East Nowra       | Berry Street            | Kinghorne Street       |                | signpost    | On road  | 210             | 13   | Signpost road for use by cyclists  |
| Thurgate Oval                   | Bomaderry        | Bolong Road             | Tarawara Street        |                | shared path | off road | 400             | 13   | \$60,000<br>Shared Path  |
| Wason Street                    | Milton           | Thomas Street           | Primary School         |                | shared path | Eastern  | 60              | 13   | \$9,000<br>Shared Path   |
| Shanklin Close pathway          | Bomaderry        | High School             | Shanklin Close         |                | shared path | off road | 60              | 12   | \$9,000  |
| Burrill Street                  | Ulladulla        | South Street            | Wason Street           |                | signpost    | On road  | 250             | 12   | Signpost road for use by cyclists  |
| Canal St East                   | Culburra Beach   | Prince St               | Brighton St            |                | signpost    |          | 200             | 12   | \$1,180<br>2 logos, 2 signs, lines*2                                     |
| Cane Close pathway              | North Nowra      | Cane Close              | Pitt Street            |                | shared path | Off road |                 | 12   | \$0  |
| Coconut Drive pathway           | North Nowra      | Golden Cane Ave         | Cocunut Drive          |                | shared path | Off road | 70              | 12   | \$10,500<br>Upgrade existing path for shared use                         |
| Duncan Street                   | Huskisson        | Bowen Street            | Jervis Street          |                | signpost    | On road  | 677             | 12   | Signpost road for use by cyclists  |
| Gordon Cook Apex Park           | North Nowra      | Cocunut Drive           | Chittick Ave           |                | shared path | Off road | 150             | 12   | \$22,500<br>Shared path through reserve                                  |
| Greenwell Point Road            | Greenwell Point  | town limits             | Wilkins St             |                | signpost    |          | 1,100           | 12   | 6 logos, 4 signs and lines*2   |
| Kings Point Drive               | Kings Point      | Princes Highway         | Oakley Place           |                | signpost    | On road  | 2,100           | 12   | Signpost road for use by cyclists  |
| Leonard St                      | Bomaderry        | Ritchie St              | Meroo Rd               |                | signpost    | on road  |                 | 12   |  |
| Maleen St link                  | Bomaderry        | Beinda Street           | Maleen Street          |                | shared path | off road | 180             | 12   | \$27,000<br>Shared path - future subdivision?                            |
| Mandalay/Collier Ave            | Nowra            | Scenic Drive            | North Street           |                | signpost    | On road  | 580             | 12   | Signpost road for use by cyclists  |
| Matron Porter Drive             | Milton           | Princes Highway         | Garside Road           |                | shoulders   | On road  | 1,700           | 12   | \$255,000<br>Sealed Shoulders  |
| Matron Porter Drive             | Mollymook        | Macleay Street          | Bangalow Street        |                | signpost    | On road  | 720             | 12   | Signpost road for use by cyclists  |
| Milbank Road                    | Terara           | Terara Road             | Primary School         |                | signpost    | On road  | 230             | 12   | Signpost road for use by cyclists  |
| Monk Cres pathway               | Bomaderry        | Lyndhurst Dr            | Binden Cl              |                | shared path | off road | 60              | 12   | \$9,000  |
| Nellore Place reserve           | North Nowra      | Nellore Place           | school                 |                | shared path | Off road | 60              | 12   | \$9,000  |
| New Street                      | Ulladulla        | Did Dell Street         | end                    |                | signpost    | On road  | 4,300           | 12   | Signpost road for use by cyclists  |
| Penguin Head Rd                 | Culburra Beach   | Duke St                 | Eastwood Ave           |                | shared path |          | 1,500           | 12   | \$240,000  |
| Riverview Road                  | Nowra            | Hawthorn Avenue         | Ferry Lane             |                | signpost    | On road  | 660             | 12   | Signpost road for use by cyclists  |
| Sampson Cres pathway            | Bomaderry        | Sampson Cres East       | Primary School         |                | shared path | Off road | 170             | 12   | \$25,500<br>Shared path  |



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| Sampson Cres reserve          | Bomaderry        | Sampson Cres west               | Ritchie St                         | shared path    | off road |        | 12              | \$0         |  |
| Sampson Cres reserve          | Bomaderry        | Sampson Cres west               | Sampson Cres east                  | shared path    | off road |        | 12              | \$0         |  |
| Shoalhaven Sporting Complex   | Bomaderry        | Sporting Complex                | Fuschia Cres - south               | shared path    | off road | 100    | 12              | \$15,000    | Shared path  |
| Shoalhaven Sporting Complex   | Bomaderry        | Sporting Complex                | Fuschia Cres - north               | shared path    | Off road | 100    | 12              | \$15,000    | Shared path  |
| The Wool Lane reserve         | Sanctuary Point  | Cammaray Dr                     | Ball Cl                            | shared path    | Off road | 200    | 12              | \$30,000    | - Provide Shared Use Path to connect to St Georges Bain to Sanctuary Point Cycleway and link proposed footpath network |
| Thomas Street                 | Milton           | Princes Highway                 | Church Street                      | signpost       | On road  | 293    | 12              |             | Signpost road for use by cyclists  |
| Walsh Cres/Phillip Pl Reserve | North Nowra      | Walsh Cres                      | Phillip Place                      | shared path    | Off road | 95     | 12              | \$14,250    | Shared path through reserve  |
| Clyde Street                  | Mollymook        | Augusta Place                   | Mitchell parade                    | signpost       | On road  | 730    | 11              |             | Signpost road for use by cyclists  |
| Croobyar Road                 | Milton           | Wilfords Lane                   | Showground                         | shared path    | Southern | 475    | 11              | \$71,250    | Shared path  |
| Drexel Park                   | North Nowra      | Goolagong Street                | Existing path behind Glenhaven etc | shared path    | Off road | 170    | 11              | \$25,500    | Shared path through reserve to link to exiting path  |
| Drexel Park                   | North Nowra      | End of existing path            | Geary Place                        | shared path    | Off road | 160    | 11              | \$24,000    | Shared path through reserve to link to exiting path  |
| Drexel Park                   | North Nowra      | End of existing path            | Conisten Close                     | shared path    | Off road | 170    | 11              | \$25,500    | Shared path through reserve to link to exiting path  |
| Fainway Dr to The Park Dr     | Sanctuary Point  | Pathway to Sanctuary Point Oval | Stephens Rd                        | signpost       | On road  |        | 11              |             |  |
| Farrant Ave                   | Culburra Beach   | all                             | all                                | signpost       |          | 178    | 11              | \$1,092     | 2logos, 2 signs, lines*2   |
| Garside Road                  | Mollymook        | Matron Porter Drive             | reserve near no 57                 | shared path    | Southern | 730    | 11              | \$109,500   | Shared path  |
| Greenbank Grove               | Culburra Beach   | Prince Edward                   | Lake CCt                           | signpost       |          | 950    | 11              | \$5,200     | 10 logos, 5 signs, lines*2   |
| Greens Rd                     | Greenwell Point  | Leonore Ave                     | Crookhaven Dr                      | signpost       |          | 720    | 11              | \$3,440     | 4 logos, 2 signs, lines*2  |
| Jervis Street                 | Greenwell Point  | Greenwell Point Road            | South Street                       | signpost       |          | 135    | 11              | \$920       | 2 logos, 2 signs, lines*2  |
| MacGibbon/McGowen Parade      | Old Erawal Bay   | The Wool Road                   | Page Street                        | signpost       | On road  | 1,100  | 11              |             | Signpost road for use by cyclists  |
| Macleay Street                | Mollymook        | Leo Drive                       | Matron Porter Drive                | signpost       | On road  | 400    | 11              |             | Signpost road for use by cyclists  |
| Maleen St link                | Bomaderry        | Beinda St link                  | Tarawal Street                     | shared path    | off road | 140    | 11              | \$21,000    | Shared path - future subdivision?  |
| Matron Porter Drive           | Mollymook        | Garside Road                    | Leo Drive                          | shoulders      | On road  | 717    | 11              | \$107,550   | Sealed shoulders   |
| Naval Parade/Wrights Beach Rd | Erawal Bay       | Naval Parade                    | Wrights Beach Road                 | shoulders      | On road  | 3,000  | 11              | \$450,000   | Sealed shoulders - both sides  |
| Nowra Showground              | Nowra            | North Street                    | Worrige Street                     | shared path    | Off road | 500    | 11              | \$75,000    | Shared path through Showground   |
| Pacificana Drive              | Sussex Inlet     | Edgewater                       | Surf Club                          | signpost       | On road  | 1,800  | 11              | \$8,700     | consultation   |
| Racecourse Creek              | Ulladulla        | Sports Complex                  | Highway                            | shared path    | Off road | 500    | 11              | \$75,000    | Shared path adjacent to creek  |
| Sussex Inlet Rd               | Sussex Inlet     | Turnoff from Princess Hwy       | Jacobs Drive                       | shoulders      | On road  | 11,000 | 11              | \$1,650,000 | on road sealed shoulders on existing dirt  |
| Walsh Cres                    | North Nowra      | Illaroo Road                    | Public Reserve                     | signpost       | On road  | 640    | 11              |             | Signpost road for use by cyclists  |
| Yurunga Drive                 | North Nowra      | eastern end - River Ridge       | Murrell Place                      | signpost       | On road  | 590    | 11              |             | Signpost road for use by cyclists  |
| Addison Rd                    | Culburra Beach   | all                             | all                                | signpost       |          | 1,100  | 10              | \$5,800     | consultation   |
| Balmoral road                 | Burrill Lake     | Princes Highway                 | Maria Avenue                       | signpost       | On road  | 210    | 10              |             | Signpost road for use by cyclists  |
| Bangalow Street               | Mollymook        | Macleay Street                  | Matron Porter Drive                | signpost       | On road  | 640    | 10              |             | Signpost road for use by cyclists  |
| Bolong Road                   | Shoalhaven Heads | Alexander Berry Drive           | Shoalhaven Heads Rd                | shoulders      |          | 1,200  | 10              | \$120,000   | consultation   |
| Bolong Road                   | Shoalhaven Heads | Shoalhaven Heads Rd             | Gerroa Rd                          | shared path    |          | 1,500  | 10              | \$225,000   | consultation   |
| Burandool Ave                 | North Nowra      | Moondara Drive                  | end                                | signpost       | On road  | 465    | 10              |             | Signpost road for use by cyclists  |
| Burril Street North           | Ulladulla        | Nurrawallee Street              | Crescent Street                    | signpost       | On road  | 400    | 10              |             | Signpost road for use by cyclists  |
| Deering St oval               | Ulladulla        | New Street                      | Deering Street                     | shared path    | Off road |        | 10              | \$0         |  |
| Dent Street                   | Huskisson        | Tomerong Road                   | Creek                              | signpost       | On road  | 245    | 10              |             | Signpost road for use by cyclists  |
| drexel park                   | North Nowra      | Goolagong Street                | Garlin Close                       | shared path    | Off road | 70     | 10              | \$10,500    | Shared path through reserve  |
| Fairlands Rd                  | Culburra Beach   | all                             | all                                | signpost       |          | 370    | 10              | \$2,040     | 4logos,2signs,lines*2  |

**Shoalhaven City Council**  
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| Location                                 | Urban Area             | From                            | To                            | Works Required        | Side        | LENGTH | Priority Rating | Cost      | Issues and details  |
|--|------------------------|---------------------------------|-------------------------------|-----------------------|-------------|--------|-----------------|-----------|---|
| Forest Rd                                | Kioloa                 | Pretty Beach Rd                 | Murramarang                   | shared path           |             | 370    | 10              | \$55,500  | consultation  |
| Forest Way                               | Mollymook              | Treetops Cr                     | Garside Road                  | signpost              | On road     | 100    | 10              |           | Signpost road for use by cyclists   |
| Garlin Close reserve                     | North Nowra            | Garlin Cl                       | Goolagong Street              | shared path           | Off road    |        | 10              | \$0       |   |
| Gordon Street                            | Milton                 | Graham Street                   | Princes Highway               | signpost              | On road     | 169    | 10              |           | Signpost road for use by cyclists   |
| Greenwell Point Road                     | Greenwell Point        | Wilkins St                      | Adelaide Ave                  | signpost              |             | 170    | 10              | \$1,060   | 2logos, 2 signs, lines*2  |
| Lackersteen St                           | Callala Bay            | Bay (footbridge)                | Emmett St                     | shared path           | Eastern     | 950    | 10              | \$142,500 | consultation  |
| Leo Drive                                | Mollymook              | Matron Porter Drive             | Macleay Street                | signpost              | On road     | 1,730  | 10              |           | Signpost road for use by cyclists   |
| Murramarang Rd                           | Bawley Point           | Shopping Centre at Voyager Cres | Racecourse beach tourist park | shared path           |             | 1,900  | 10              | \$285,000 | 2m wide linemark and logos  |
| Myola Rd                                 | Myola                  | Beach St                        | Princess St                   | shoulders             |             | 1,600  | 10              | \$160,000 | consultation  |
| Nielson Rd/Ln                            | Sussex Inlet           | Banksia St                      | boat ramp                     | signpost              | On road     | 250    | 10              | \$1,380   | 2logos, 2 signs, lines*2  |
| Old Erowal Bay link                      | Erowal Bay             | McGowen Parade                  | Naval Parade                  | shared path           | Off road    | 600    | 10              | \$90,000  | Shared path - crossing of Worrowing Creek involved                            |
| Paradise and Lagoon Cres link            | Sussex Inlet           | Jacobs Drive                    | River Road                    | shared path/sign post | off/on road | 480    | 10              | \$2,860   | signpost on road and link off road with shared use path. 6logos,4signs,line*2 |
| Park Row                                 | Orient Point           | Flora St                        | Orient Point Playing Fields   | shared path           |             | 450    | 10              | \$67,500  | consultation  |
| Parson Street                            | Ulladulla              | Did Dell Street                 | Woorree Pl                    | signpost              | On road     | 230    | 10              |           | Signpost road for use by cyclists   |
| Plantation Point Parade                  | Vincentia              | Elizabeth Drive                 | Jervis Street                 | signpost              | On road     | 950    | 10              |           | Signpost road for use by cyclists   |
| Rennies Beach Cl                         | Ulladulla              | Did Dell Street                 | Lookout                       | signpost              | On road     | 230    | 10              |           | Signpost road for use by cyclists   |
| Sanctuary Point Oval                     | Sanctuary Point        | Sanctuary Point Road            | Fairway Drive                 | shared path           | Off road    | 180    | 10              | \$27,000  | Shared path through sports complex  |
| Silvermere St                            | Culburra Beach         | all                             | all                           | signpost              |             | 1,000  | 10              | \$5,400   | 10logos,5signs,line*2   |
| South Street                             | Greenwell Point        | Jervis St                       | Haiser Rd                     | signpost              |             | 91     | 10              | \$744     | 2logos, 2 signs, lines*2  |
| Stephens Rd-Carmel Dr                    | Sanctuary Point        | The Park Dr                     | Vost Drive                    | signpost              | On road     | 1,300  | 10              |           | Signpost road for use by cyclists   |
| Sussex Inlet Rd                          | Sussex Inlet           | Murre                           | Jacobs                        | shoulders             | On road     | 280    | 10              | \$28,000  |   |
| The Lake CCT                             | Culburra Beach         | Eastbourne                      | Silvermere                    | signpost              |             | 1,000  | 10              | \$5,400   | 10logos,5signs,line*2   |
| The Springs Rd                           | Swanhaven              | Hoffman Dr                      | SLWSC Ramp                    | shoulders             |             | 1,500  | 10              | \$150,000 | Ward 3 Mtg 13 May 2004  |
| Treetops Cr                              | Mollymook              | Forest Way                      | Forest Way                    | signpost              | On road     | 410    | 10              |           | Signpost road for use by cyclists   |
| Wallaroy Parade                          | Burrill Lake           | Princes Highway                 | Wyoming Ave                   | signpost              | On road     | 160    | 10              |           | Signpost road for use by cyclists   |
| Warden Head                              | Ulladulla              | New Street                      | end of Deering Street         | shared path           | Off road    | 1,800  | 10              | \$270,000 | Off road shared path through Warden Head Reserve                              |
| Whistler Ave                             | Culburra Beach         | Addison                         | Prince Edward                 | signpost              |             | 181    | 10              | \$1,104   | consultation  |
| Boatharbour Drive                        | Sussex Inlet           | Greentree Ave                   | Pacificana Dr                 | signpost              | On road     | 300    | 9               | \$1,580   | consultation  |
| Brighton                                 | Culburra Beach         | Canal St                        | Edward Ave                    | signpost              |             | 726    | 9               | \$3,844   | 6logos,4signs,line*2  |
| Buchan Street                            | Mollymook              | Golf Ave                        | Murramarang Stree             | signpost              | On road     | 375    | 9               |           | Signpost road for use by cyclists   |
| Cammaray Dr Reserve                      | St. Georges Basin East | Loralyn Ave                     | Tilbrook Ave                  | shared path           | Off road    | 580    | 9               | \$87,000  | Shared path   |
| Chittick Ave                             | North Nowra            | Illaroo Road                    | Illaroo Road                  | signpost              | On road     | 520    | 9               |           | Signpost road for use by cyclists   |
| Coolangatta Rd                           | Shoalhaven Heads       | Bolong Rd                       | Berry (town Centre)           | shoulders             |             | 8,000  | 9               | \$800,000 | consultation  |
| Coralie Close                            | North Nowra            | Coralie Close                   | llaroo Road                   | signpost              | On road     | 700    | 9               |           | Signpost road for use by cyclists - Coralie Close, Warren Ave & Halcot Ave    |
| Cullen Rd                                | Kangaroo Valley        | all                             | all                           | signpost              |             | 280    | 9               | \$1,680   | 4logos,2signs,lines*2   |
| Derwent                                  | Callala Bay            | all                             | all                           | signpost              | On road     | 283    | 9               | \$1,692   | consultation  |
| Duke St                                  | Culburra Beach         | Farrant                         | Lake Circuit Head Rd          | signpost              |             | 150    | 9               | \$980     | 2logos, 2 signs, lines*2  |
| Eastbourne Ave                           | Culburra Beach         | all                             | all                           | signpost              |             | 724    | 9               | \$3,836   | 6logos,4signs,line*2  |
| Emmett Street                            | Callala Bay            | Lackerstein                     | Australia Av                  | signpost              | On road     |        | 9               |           | consultation  |
| Explorer Blv                             | Shoalhaven Heads       | Scott St                        | Shoalhaven Heads Rd           | Shared path           | Eastern     | 260    | 9               | \$39,000  | consultation  |
| Farrelly Place reserve                   | Bomaderry              | Farrelly Place                  | Melaleuca Place               | shared path           | Off road    | 90     | 9               | \$13,500  | Shared path   |
| Garlin Close                             | North Nowra            | Pitt Street                     | Cul de sac                    | signpost              | on road     | 140    | 9               |           | Signpost road for use by cyclists   |
| Hoskins Street                           | North Nowra            | Yarunga Drive                   | Lucas Street                  | signpost              | On road     | 16     | 9               |           | Signpost road for use by cyclists   |
| Jervis Street                            | Huskisson              | Duncan Street                   | Burrill Street                | shared path           | Southern    | 115    | 9               | \$17,250  | Shared path   |
| Link Boatharbour Drive to The Springs Rd | Sussex Inlet           | The Springs Rd                  | Boatharbour Drive             | Shared path           | Off road    | 340    | 9               | \$51,000  | consultation  |



**Shoalhaven City Council**  
**Asset Management Plan – Footpaths and Cycleways**

| Location                                   | Urban Area             | From  | To                              | Works Required | Side     | LENGTH | Priority Rating | Cost      | Issues and details                          |
|--|------------------------|---|---------------------------------|----------------|----------|--------|-----------------|-----------|---|
| Mathews St (in sporting complex)           | Shoalhaven Heads       | E side of sporting complex from Shoalhaven Rd | link Tennis Club                | Shared path    | Off road | 290    | 9               | \$43,500  | consultation                                |
| McIntosh St                                | Shoalhaven Heads       | Shoalhaven Heads Rd                           | Surf Club northern footpath end | Shared path    |          | 170    | 9               | \$25,500  | consultation                                |
| Moondara Drive                             | North Nowra            | Burradool Ave                                 |                                 | signpost       | on road  |        | 9               |           |   |
| Moroney Avenue                             | St. Georges Basin East | Cammaray Dr Reserve                           | Dumford PI reserve              | signpost       | On road  | 210    | 9               |           |   |
| Mount Scanzi Rd                            | Kangaroo Valley        | Moss Vale Rd                                  | dam                             | signpost       |          | 10,000 | 9               | \$42,800  | 20logos,10signs                             |
| North head Reserve                         | Ulladulla              | Burrill Street North                          | North head                      | shared path    | Off road | 590    | 9               | \$88,500  | Shared path through harbour reserve         |
| Park Row                                   | Orient Point           | Orsova  | Tern                            | shoulders      |          | 380    | 9               | \$45,600  | and widen road                              |
| Park Row                                   | Orient Point           | Tern  | Flora Street                    | shoulders      |          | 230    | 9               | \$23,000  | consultation                                |
| Penguin Head Rd                            | Culburra Beach         | all   | all                             | signpost       |          | 725    | 9               | \$3,840   | 6logos,4signs,line*2                        |
| Pitman Ave                                 | Ulladulla              | Princes Highway                               | South pacific Cres              | signpost       | On road  | 1,300  | 9               |           | Signpost road for use by cyclists           |
| Scerri Drive                               | Kioloa                 | Murramarang                                   | boat ramp                       | shared path    |          | 460    | 9               | \$69,000  | consultation                                |
| West St                                    | Greenwell Point        | Greenwell Point Road                          | Adelaide Ave                    | signpost       |          | 454    | 9               | \$2,376   | 4logos,2signs,lines*2                       |
| Adelaide St                                | Greenwell Point        | West Street                                   | Greenwell Point Rd              | signpost       |          | 845    | 8               | \$4,780   | 10logos,5signs,line*2                       |
| Augusta Place                              | Mollymook              | Top of cul de sac                             | Clyde Street                    | signpost       | On road  | 300    | 8               |           | Signpost road for use by cyclists           |
| Broughton St                               | Kangaroo Valley        | all   | all                             | signpost       |          | 150    | 8               | \$980     | bikeplan, 2 logos, 2 signs, lines*2         |
| Crookhaven Dr                              | Greenwell Point        | Bailey  | Greens Rd                       | signpost       |          | 480    | 8               | \$2,520   | consultation                                |
| Dumford PI reserve                         | St. Georges Basin East | Moroney Ave                                   | Dumford Place btwn 19 & 21      | shared path    | Off road | 100    | 8               | \$15,000  | Shared Path                                 |
| Foreshore link                             | Callala Bay            | Emmett  | boat ramp/park                  | shared path    | Off road | 435    | 8               | \$65,250  | consultation                                |
| Foster Drive                               | Bawley Point           | Voyager                                       | Murramarang                     | signpost       |          | 614    | 8               | \$3,216   | 4logos,4signs,lines*2                       |
| Haiser Rd                                  | Greenwell Point        | South Street                                  | Leonore Ave                     | signpost       |          | 470    | 8               | \$2,440   | consultation                                |
| Hay Av                                     | Shoalhaven Heads       | Wharf Rd                                      | Jerry Bailey Rd                 | signpost       |          | 350    | 8               | \$1,960   | 4logos,2signs,lines*2                       |
| Jasmine Drive pathway                      | Bomaderry              | Jasmine Drive                                 | Halstead Place                  | shared path    | Off road | 313    | 8               | \$46,950  | Shared path                                 |
| Kings Point Drive                          | Kings Point            | Princes Hwy                                   | George Ave                      | signpost       |          | 2,300  | 8               | \$10,600  | consultation                                |
| Lawson Way                                 | St. Georges Basin East | Kerry Street                                  | Cammaray Dr                     | signpost       | On road  | 210    | 8               |           | Signpost road for use by cyclists           |
| McIntosh St                                | Shoalhaven Heads       | Shoalhaven Heads Rd                           | River Road                      | signpost       |          | 630    | 8               | \$3,080   | 4logos,2signs,lines*2                       |
| Moondara Drive reserve                     | North Nowra            | Moondara Drive                                | Warrah Road                     | shared path    | Off road | 50     | 8               | \$7,500   | Shared path through reserve                 |
| Mulgen Creek reserve                       | Bomaderry              | Jasmine Drive                                 | Ferntree Drive                  | shared path    | Off road | 180    | 8               | \$27,000  | Shared path                                 |
| Myrtle St/Valley View Dr                   | Milton                 | Croobyar Road                                 | End of Valley View Drive        | signpost       | On road  | 560    | 8               |           | Signpost road for use by cyclists           |
| Nobblers Lane, West Berry St & Southern Rd | Terara                 | Terara Rd (east)                              | Terara Rd (west)                | signpost       | On road  | 600    | 8               |           | Signpost road for use by cyclists           |
| Osborne Street (south)                     | Nowra                  | Bice Road                                     | Yalwal Road                     | shared path    | Off road | 700    | 8               | \$105,000 | Shared path through reserves                |
| Oxley Cres                                 | Mollymook              | Robin Cres                                    | Garside Road                    | signpost       | On road  | 430    | 8               |           | Signpost road for use by cyclists           |
| Powall Ave                                 | Ulladulla              | Pettys Ave                                    | Did Dell Street                 | signpost       | On road  | 350    | 8               |           | Signpost road for use by cyclists           |
| Princes Highway to Caravan Park Route      | Lake Tabourie          | Princes Hwy                                   | Caravan Park                    | shoulders      | On road  | 1,300  | 8               | \$130,000 | - consultation<br>- parallel to Wairo Beach |
| Robin Place                                | Mollymook              | Oxley Cres                                    | Proposed School Site            | signpost       | On road  | 110    | 8               |           | Signpost road for use by cyclists           |
| Sealark St                                 | Callala Bay            | all   | all                             | signpost       | On road  | 605    | 8               | \$3,360   | consultation                                |
| Suncrest Ave                               | Sussex Inlet           | Badgee Bridge                                 | Tradewinds Ave (north)          | signpost       | On road  | 150    | 8               | \$980     | consultation                                |
| Surfers Ave/Tallwood Rd                    | Mollymook              | Matron Porter Drive                           | Bannister Head Road             | signpost       | On road  | 419    | 8               |           | Signpost road for use by cyclists           |
| The Springs Rd                             | Sussex Inlet           | Sussex Inlet Rd                               | Thomson St                      | shoulders      | On road  | 1,020  | 8               | \$102,000 | Ward 3 Mtg 13 May 2004                      |
| Tradewinds Ave                             | Sussex Inlet           | Suncrest Av (north)                           | Suncrest Av (south)             | signpost       | On road  | 630    | 8               | \$3,460   | consultation                                |
| Voyager Cres                               | Bawley Point           | Foster  | Murramarang                     | signpost       |          | 1,500  | 8               | \$6,760   | consultation                                |
| Waratah St                                 | Bendalong              | Maple   | Poplar                          | shared path    |          | 155    | 8               | \$23,250  | 2m wide linemark and logos                  |
| Wonga PI & Dumford PI                      | St. Georges Basin East | start of each                                 | cul-de-sac                      | signpost       | On road  |        | 8               |           |   |
| Amundsen Ave                               | Shoalhaven Heads       | Scott   | Noakes St                       | signpost       |          | 312    | 7               | \$1,628   | 2logos, 2 signs, lines*2                    |
| Augusta Place reserve                      | Mollymook              | Garside Rd                                    | Augusta Place                   | shared path    | Off road | 200    | 7               | \$30,000  | Shared path                                 |
| Boorawine Terrace                          | Callala Bay            | Watt  | Murray                          | signpost       | On road  | 238    | 7               | \$1,332   | 2logos, 2 signs, lines*2                    |

**Shoalhaven City Council**  
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| Location   | Urban Area             | From                                     | To                                       | Works Required | Side        | LENGTH | Priority Rating | Cost         | Issues and details   |
|--|------------------------|--|--|----------------|-------------|--------|-----------------|--------------|--|
| Broadview Av   | Culburra Beach         | East                                     | Silvermere                               | signpost       |             | 728    | 7               | \$3,852      | 6logos,4signs,line*2   |
| Carlton Cres   | Culburra Beach         | all                                      | all                                      | signpost       |             | 730    | 7               | \$3,860      | 6logos,4signs,line*2   |
| Gerroa Rd  | Shoalhaven Heads       | Seven Mile Beach National Park           | Noakes St                                | signpost       |             | 280    | 7               | \$1,500      | 2logos, 2 signs, lines*2   |
| Goonawarra Drive   | Cudmirrah              | Collier Dr                               | Berrara Rd                               | signpost       |             | 910    | 7               | \$4,200      | 4logos,2signs,lines*2  |
| Greentree Ave  | Sussex Inlet           | all                                      | all                                      | signpost       | On road     | 140    | 7               | \$940        | 2logos, 2 signs, lines*2   |
| Greenway Rd  | Callala Beach          | Callala Beach Rd                         | Lennox Rd                                | shared path    |             | 640    | 7               | \$96,000     | consultation   |
| Ingle Ring   | Culburra Beach         | all                                      | all                                      | signpost       |             | 729    | 7               | \$3,856      | 6logos,4signs,line*2   |
| Lennox Rd  | Callala Beach          | Greenway                                 | Watts                                    | shared path    |             | 305    | 7               | \$45,750     | consultation   |
| Loralyn Ave reserve  | St. Georges Basin East | Wool Lane                                | Cammaray Dr                              | shared path    | Off road    | 730    | 7               | \$109,500    | Mix of on road signposted route and shared path  |
| Lyndhurst Dr   | Bomaderry              | Shanklin Cl                              | Leonard St                               | signpost       | on road     |        | 7               |              |  |
| Marine Pde   | Callala Bay            | Murray                                   | Lookout                                  | signpost       | On road     | 483    | 7               | \$2,692      | 6logos,4signs,line*2   |
| Marine Pde   | Callala Bay            | Lookout                                  | Lackerstein                              | shared path    | Off road    | 455    | 7               | \$68,250     | consultation   |
| Murray St  | Callala Bay            | Boorawine                                | Marine                                   | signpost       | On road     | 145    | 7               | \$3,280      | consultation   |
| Noakes St  | Shoalhaven Heads       | Gerroa                                   | Amundsen                                 | signpost       |             | 240    | 7               | \$1,340      | 2logos, 2 signs, lines*2   |
| Orama/Orontes  | Orient Point           | Orient                                   | Orient                                   | signpost       |             | 830    | 7               | \$4,080      | 4logos,4signs,lines*2  |
| Orient Ave   | Orient Point           | Orontes                                  | Orama                                    | signpost       |             | 390    | 7               | \$1,940      | 2logos, 2 signs, lines*2   |
| Orient Point Rd  | Culburra Beach         | Raglan                                   | Flora Street                             | signpost       |             | 727    | 7               | \$3,848      | 6logos,4signs,line*2   |
| Princess St  | Callala Beach          | Quay Rd                                  | Myola Rd                                 | shared path    |             | 130    | 7               | \$19,500     | consultation   |
| Quay Rd  | Callala Beach          | Princess                                 | Callala Beach Rd                         | shared path    |             | 1,300  | 7               | \$195,000    | consultation   |
| Scott St   | Shoalhaven Heads       | Amundsen                                 | Explorer                                 | signpost       |             | 127    | 7               | \$688        | 2logos, 2 signs, lines*2   |
| The Springs Rd   | Cudmirrah              | SLWSC Ramp                               | Goonawarra Div                           | shared path    |             | 990    | 7               | \$148,500    | Ward 3 Mtg 13 May 2004   |
| Wasdale Place pathway  | Bomaderry              | Wasdale Place                            | Lyndhurst Drive                          | shared path    | Off-road    | 89     | 7               | \$13,421     | - widen path for Shared use  |
| Wonga Pl reserve   | St. Georges Basin East | Wonga Place                              | Claylanda Dr                             | shared path    | Off road    | 60     | 7               | \$9,000      |  |
| Bailey Ave   | Greenwell Point        | Crookhaven                               | Greens Rd                                | signpost       |             | 306    | 6               | \$2,164      | 6logos,4signs,line*2   |
| Beach St/Catherine St  | Myola                  | Toilets                                  | Ramp                                     | signpost       |             | 150    | 6               | \$980        | 2logos, 2 signs, lines*2   |
| Bridge Road  | Nowra                  | Scenic Drive                             | North Street                             | signpost       | On road     | 550    | 6               |              | Signpost road for use by cyclists  |
| Foreshore Res  | Greenwell Point        | parallel to Haiser Rd from Fraser Avenue | to link as close as possible to South St | shared path    |             | 540    | 6               | \$81,000     |  |
| Harrington Cres  | Bawley Point           | Terragong                                | Malibu                                   | signpost       |             | 270    | 6               | \$1,640      | consultation   |
| Hoskins Street Reserve   | North Nowra            | Hoskins Street                           | McMahons Road                            | shared path    | Off road    | 230    | 6               | \$34,500     | Shared path through reserve  |
| Leonore Ave  | Greenwell Point        | Haiser                                   | Greens Rd                                | signpost       |             | 150    | 6               | \$980        | 2logos, 2 signs, lines*2   |
| Lurnea Ave   | Bawley Point           | Murraramang                              | Terragong                                | signpost       |             | 270    | 6               | \$1,640      | consultation   |
| Malibu Drive   | Bawley Point           | Harrington                               | Sanderling                               | signpost       |             | 1,500  | 6               | \$7,120      | 8logos,4signs,   |
| Mick Ryan Park   | Milton                 | Valley View Dr                           | Princes Highway                          | shared path    | Off road    | 185    | 6               | \$27,750     | Shared path through reserve  |
| Murilla Ave  | Bawley Point           | all                                      | all                                      | signpost       |             | 140    | 6               | \$940        | 2logos, 2 signs, lines*2   |
| Terragong Ave  | Bawley Point           | Lurnea                                   | Harrington                               | signpost       |             | 116    | 6               | \$844        | consultation   |
| The Bulwark to Alaska St along Manyana Beach                                 | Manyana                | Link from Manyana                        | Cunjurong                                | shared path    |             | 500    | 6               | \$75,000     |  |
| Tingira Drive  | Bawley Point           | all                                      | all                                      | signpost       |             | 1,000  | 6               | \$5,300      | consultation   |
| Wallaroy Drive   | Dolphin Point          | Wyoming                                  | Princes Hwy                              | signpost       |             | 170    | 6               | \$1,060      | 2logos, 2 signs, lines*2   |
| Lake Conjola Caravan Park  | Lake Conjola           | front of caravan park                    |  | shared path    |             | 50     | 5               | \$7,500      |  |
| Monk Cres  | Bomaderry              | Lyndhurst drive                          | Meroo Road                               |                | On/Off road | 480    | 5               |              | Mix of on and off road route   |
| Beach Ride   | Myola                  | Beach St                                 | along Beach front                        | signpost       |             | 2,400  | 2               | \$600        | 6signs   |
| Revisions to list  |                        |  |  |                |             |        |                 |              |  |
| Check all 2005 Shoalhaven Bicycle Strategy routes updating list accordingly. |                        |  |  |                |             |        |                 |              |  |
| Princes Highway  | Ulladulla              | St Vincent St                            | 16m south                                | widen footpath | eastern     | 16     | Very High       |              | Issue raised by BUG  |
| St Vincent Street  | Ulladulla              | Green Street                             | Ulladulla High School                    | widen footpath | western     | 200    | Very High       |              |  |
| Green Street   | Ulladulla              | St Vincent St                            | Ulladulla Public School                  | widen footpath | Northern    | 100    | Very High       |              |  |
| Princes Highway  | Ulladulla              | Green Street                             | Ulladulla Tourist Information Centre     | widen footpath | western     | 100    | Very High       |              | To provide a link to a mid block pedestrian crossing facility and the Ulladulla Harbour Cycleway |
| Albatross Road   | Nowra Hill             | Braidwood Rd                             | HMAS Albatross main entrance             | shoulders      | On-road     | 700    |                 |              |  |
| Moss Vale Rd   | Kangaroo Valley        | Hampden Bridge                           | Upper River Road                         | shared path    | Eastern     | 800    |                 | \$120,000    | D05/975 File 6246 Kangaroo Valley Pathways Action Group  |
| Moss Vale Rd   | Kangaroo Valley        | Upper River Road                         | Grahams Road                             | shared path    | eastern     | 2,000  |                 | \$300,000    | D05/975 File 6246 Kangaroo Valley Pathways Action Group  |
| Moss Vale Rd   | Kangaroo Valley        | Nugents Creek Rd                         | Kangaroo Valley Rd                       | shared path    | Northern    | 1,600  |                 | \$240,000    | D05/975 File 6246 Kangaroo Valley Pathways Action Group  |
| Round the Bay Walk   | Vincentia              | Vincentia Shops                          | Plantation Point                         | shared path    | Off-road    |        |                 | \$0          | Plan of Management?  |
|  |                        |  |  |                |             |        |                 | \$17,443,520 |  |

Shoalhaven City Council  
Asset Management Plan – Footpaths and Cycleways

**Attachment 3 - Adopted 2007/08 Program and Draft 2008/20 Programs**

| Asset Management Plan - Attachment 3  |                  |                   |                             |                |          |        |                  |
|---|------------------|-------------------|-----------------------------|----------------|----------|--------|------------------|
| Location  | Urban Area       | From              | To                          | Works Required | Side     | Length | Estimated Costs  |
| <b>2007/08 program (\$1,736,125)</b>  |                  |                   |                             |                |          |        |                  |
| Footpath Forward Investigation & Design   |                  |                   |                             |                |          |        | \$5,000          |
| Cycleway Forward Investigation & Design   |                  |                   |                             |                |          |        | \$4,000          |
| Cycle Racks   |                  |                   |                             |                |          |        | \$3,000          |
| On Road Facilities - signs & lines  |                  |                   |                             |                |          |        | \$3,000          |
| Allowance for Community Projects  |                  |                   |                             |                |          |        | \$20,000         |
| Murramarang Rd  | Bawley point     | Malibu Dr         | Voyager Cres                | shared path    |          |        | \$130,000        |
| Campbell Pl   | Nowra            | end of road to    | pedestrian underpass        | Ped Path       |          |        | \$15,000         |
| Albatross Road  | Nowra            | McLean Street     | Kalandar Street             | Ped path       | Northern | 642    | \$105,000        |
| Village Drive   | Ulladulla        | Budawang Street   | North Street                | Ped path       | Western  | 602    | \$55,000         |
| Kerry Street  | Sanctuary Point  | Paradise Beach Rd | east of Jean Street         | Ped path       | Northern |        | \$100,000        |
| Kerry Street  | Sanctuary Point  | Anson St          | east of Jean Street         | Ped path       | Northern | 850    | \$85,000         |
| Gordon Street   | Milton           | Croobyar Road     | Princes Highway             | Ped path       | Western  | 161    | \$83,000         |
| Park Road   | East Nowra       | Clipper Road      | Holloway Drive              | Ped path       | Southern | 261    | \$25,000         |
| River Rd  | Sussex Inlet     | Elmoos Ave        | Chris Creek                 | Ped path       | western  | 620    | \$60,000         |
| Emmett Street   | Callala Bay      | Shopping Centre   | Australia St                | Ped path       | Northern |        | \$28,000         |
| White Sands Tourist Park Stage 2  | Huskisson        |                   |                             | shared path    | Eastern  |        | \$48,000         |
| Mitchell Parade   | Mollymook        | Tallwood Avenue   | Donlon Pde north            | shared path    | eastern  | 1,100  | \$99,250         |
| Lyons Rd  | Sussex Inlet     | River Rd          | Sussex Rd                   | shared path    | eastern  |        | \$60,000         |
| Park Row  | Orient Point     | Flora St          | Orient Point Playing Fields | shared path    | Eastern  | 550    | \$96,000         |
| Park Row  | Orient Point     | Orsova Pde        | Tern                        | shared path    | Eastern  | 380    | \$66,000         |
| Park Row  | Orient Point     | Tern              | Flora Street                | shared path    | Eastern  | 230    | \$40,000         |
| Paradise Beach Rd   | Sanctuary Point  | Kerry st          | Walmer Ave                  | shared path    |          | 180    | \$42,000         |
| Greenwell Point Road  | Nowra            | Rayleigh Drive    | Clipper Road                | shared path    | Southern | 494    | \$100,000        |
| Lawrence Avenue   | Nowra            | Plunkett Street   | Council carpark             | Ped path       | Eastern  | 40     | \$16,000         |
| Lackersteen St  | Callala Bay      | Bay (footbridge)  | Emmett St                   | shared path    | Eastern  | 950    | \$180,000        |
| McMahons Road   | North Nowra      | Judith Drive      | Near Radio 2ST              | shared path    | Northern | 450    | \$80,000         |
| Emmett Street   | Callala Bay      | Sports Ground     | Chisholme St                | shared path    | Northern | 185    | \$44,875         |
| Elizabeth Drive Stage 1   | Vincentia        | Burton Street     | Holden St                   | shared path    | Northern | 1,700  | \$93,000         |
| Princes Highway   | Nowra            | Moss St           | Skatepark                   | Ped Path       | Western  |        | \$16,000         |
| MacGibbon Parade Stage 1  | Old Errowal Bay  | The Wool Road     | McGowen Street              | Ped path       | Northern | 787    | \$34,000         |
|   |                  |                   |                             |                |          |        | <b>\$636,875</b> |
| <b>Draft 2008/09 program (\$656,250) - to be reviewed in conjunction with draft 2008/11 Management Plan</b> |                  |                   |                             |                |          |        |                  |
| Forward Investigation & Design  |                  |                   |                             |                |          |        | \$10,000         |
| On Road Facilities - signs & lines (\$5,000 per annum)  |                  |                   |                             |                |          |        | \$5,000          |
| Allowance for Community Projects  |                  |                   |                             |                |          |        | \$20,000         |
| The Wool Rd   | St Georges Basin | Missing Link near | Dean St                     | shared path    | Southern |        | \$58,000         |
| Bunberra Street   | Bomaderry        | Tarawal Street    | Brinawarr Street            | Ped path       | Southern | 644    | \$60,000         |
| Isa Road  | Worrigea         | Old Southern Road | Mall Rd                     | Ped path       | Northern | 318    | \$30,000         |
| Princes Highway   | Bomaderry        | Narang Road       | Turley Ave                  | Ped path       | Western  | 1092   | \$100,000        |
| Jacobs Drive  | Sussex Inlet     | Sandpiper Way     | The Moorings                | Ped path       | Southern | 700    | \$74,000         |
| Mitchell Parade   | Mollymook        | Donlan Rd (South) | Donlan Rd (North)           | shared path    | eastern  | 400    | \$120,000        |
| Princes Highway   | Ulladulla        | Racecourse Creek  | Racecourse Creek            | ped bridge     | Western  | 11     | \$140,000        |
| Princes Highway   | Ulladulla        | Kings Point Dr    | Pitman Ave                  | shared path    | Western  | 250    | \$50,000         |

*Shoalhaven City Council*  
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| <b>Draft 2009/10 program (\$621,547) - to be reviewed in conjunction with draft 2008/11 Management Plan</b> |                 |                      |                     |             |          |       |           |
|---|-----------------|----------------------|---------------------|-------------|----------|-------|-----------|
| Forward Investigation & Design  |                 |                      |                     |             |          |       | \$10,000  |
| Allowance for Community Projects  |                 |                      |                     |             |          |       | \$10,000  |
| On Road Facilities - signs & lines (\$5,000 per annum)  |                 |                      |                     |             |          |       | \$5,000   |
| Albatross Rd/Flinders Rd intersection   |                 |                      |                     |             |          |       | \$20,000  |
| Princes Highway   | Milton          | Retirement Village   | Croobyar Street     | Ped path    |          | 373   | \$45,000  |
| Illaroo Road  | North Nowra     | Philip Drive         | Halcot Avenue       | Ped path    | Northern | 703   | \$70,000  |
| Princes Highway   | Berry           | North Street         | Albany Rd           | Ped path    | Northern | 900   | \$85,000  |
| North Street  | Ulladulla       | Princes Highway      | Jindelara Road      | Ped path    | Northern | 721   | \$70,000  |
| Coomea Street   | Bomaderry       | Birreley Street      | Cambewarra Road     | Ped path    | Eastern  | 203   | \$20,000  |
| Brinwarr Street   | Bomaderry       | Property No, 46      | Tarawara Street     | Ped path    | Eastern  | 150   | \$16,000  |
| Hillcrest Avenue  | East Nowra      | John Purcell<br>Max  | Holloway Drive      | shared path | Northern | 440   | \$85,000  |
| Hillcrest Avenue  | East Nowra      | Holloway Drive       | Old Southern Road   | shared path | Northern | 1008  | \$176,000 |
| Nowra Street  | Huskisson       | Fegen Street         | Beach Street        | Ped path    | Southern | 145   | \$16,000  |
| <b>Other High Priority Projects for future consideration</b>  |                 |                      |                     |             |          |       |           |
| Church Street   | Milton          | Thomas Street        | Princes Highway     | Ped path    | Western  | 236   | \$25,000  |
| Cambewarra Road   | Bomaderry       | Primary School       | High School         | shared path | Northern | 612   | \$84,700  |
| Cambewarra Road   | Bomaderry       | Meroo Road           | Primary School      | shared path | southern | 270   | \$53,500  |
| Kangaroo Valley Rd  | Berry           | North Street         | Bundewallah Rd      | Ped path    | Northern |       | \$100,000 |
| Elizabeth Drive Stage 2   | Vincentia       | Holden St            | Plantation Point    | shared path | Northern | 1,700 | \$350,000 |
| South Street  | Ulladulla       | Princes Highway      | St Vincent Street   | Ped path    | Northern | 224   | \$60,000  |
| Barwon Street   | Bomaderry       | Bunberra Street      | Cambewarra Road     | Ped path    | Western  | 451   | \$45,000  |
| Shoalhaven Street   | Nowra           | Douglas Street       | Junction Street     | Ped path    | Eastern  | 665   | \$56,000  |
| Deering Street  | Ulladulla       | Camden Street        | St Vincent Street   | Ped path    | Southern | 229   | \$20,000  |
| Osborne Street  | Nowra           | North Street         | Hyam Street         | Ped path    | Eastern  | 375   | \$32,000  |
| Mitchell Parade   | Mollymook       | Tallwood Avenue      | Bannister Head Road | Ped path    | Northern | 483   | \$48,300  |
| Sussex Rd   | Sussex Inlet    | Lyons rd             | foreshore           | shared path |          | 230   | \$50,000  |
| Lennox Rd   | Callala Beach   | Greenway             | Watts               | shared path |          | 305   | \$48,800  |
| Quay Rd   | Callala Beach   | Princess             | Callala Beach Rd    | shared path |          | 1,300 | \$208,000 |
| Greenway Rd   | Callala Beach   | Callala Beach Rd     | Lennox Rd           | shared path |          | 640   | \$102,400 |
| Jervis Street   | Greenwell Point | Greenwell Point Road | School              | Ped path    | Western  | 130   | \$11,000  |
| Sydney Street   | Huskisson       | Tomerong Street      | Watt Street         | Ped path    | Western  | 86    | \$8,600   |
| Tomerong Street   | Huskisson       | Sydney Street        | Woollamia Road      | Ped path    | Southern | 230   | \$23,000  |
| River Rd  | Lake Tabourie   | Lyra Dr              | Bridge              | Ped path    |          | 375   | \$40,000  |
| Alexandra St  | Berry           | Station St           | Victoria St         | Ped path    |          | 330   |           |
| Wason Street  | Milton          | Croobyar Road        | Charles Street      | Ped path    | Western  | 231   | \$23,100  |
| Fegen Street  | Huskisson       | Bowen Street         | Nowra Street        | Ped path    | Eastern  | 234   | \$23,400  |