



# **ASSET MANAGEMENT PLAN 2019-2028**

**Adopted 26 June 2018**

## **INDEX**

	<b>Page #</b>
<b>1. Executive Summary</b>	<b>3</b>
<b>2. Introduction</b>	<b>4</b>
<b>3. Levels of Service</b>	<b>7</b>
<b>4. Future Demand Forecast</b>	<b>8</b>
<b>5. Routine Maintenance Plan</b>	<b>8</b>
<b>6. Types of Capital Expenditure.</b>	<b>9</b>
<b>7. Road Assets</b>	<b>10</b>
<b>8. Buildings &amp; Structures</b>	<b>16</b>
<b>9. Plant &amp; Equipment</b>	<b>17</b>
<b>10. Other Assets</b>	<b>19</b>
<b>Appendix A – Hierarchy of Roads / Freight Classifications</b>	<b>20</b>

## 1. Executive Summary

This section is intended to give the reader a snap shot of the key items that are covered by this plan.

The plan covers the following 4 categories of assets:

- Transportation Assets
- Buildings & Structures
- Plant & Equipment
- Other

### 1.1 Asset Values

The current replacement costs of the entire stock of each classification of asset listed above are as follows:

• Land	\$ 10.4M
• Transportation Assets	\$ 22.4M
• Buildings & Structures	\$ 5.0M
• Plant & Equipment	\$ 2.0M
• Other	\$ 5.9M
<b>Total Current Replacement Costs</b>	<b>\$ 45.7M</b>

### 1.2 Forecast Capital Expenditure on Infrastructure, Property & Equipment for the next 10 Years

The forecast total cost per asset category for the next 10 years in relation to replacing existing assets is:

• Transportation Assets	\$ 7.6M
• Buildings & Structures	\$ 730k
• Plant & Equipment	\$ 3.1M
• Other	\$ 384K
<b>10 Year cost of replacing existing</b>	<b>\$ 11.4M</b>

The forecast cost total cost per asset category for the next 10 years in relation to building new or upgraded assets is:

• Transportation Assets	\$ 1.3M
-------------------------	---------

## **2. Introduction**

### **2.1 Background**

The requirement to have an asset management plan is outlined in the following extract from the *Local Government Act 1999*

‘122—Strategic management plans

- (1a) A council must, in conjunction with the plans required under subsection (1), develop and adopt—
- (a) a long-term financial plan for a period of at least 10 years; and
  - (b) an infrastructure and asset management plan, relating to the management and development of infrastructure and major assets by the council for a period of at least 10 years,
- (and these plans will also be taken to form part of the council's strategic management plans).’

Asset management planning is a comprehensive process to ensure delivery of services from infrastructure is provided in a financially sustainable manner.

An asset management plan details information about infrastructure assets including actions required to provide an agreed level of service in the most cost effective manner. The plan defines the services to be provided, how the services are provided and what funds are required to provide the services.

This asset management plan is to demonstrate responsive management of assets (and services provided from assets), compliance with regulatory requirements, and to communicate funding needed to provide the required levels of service.

The asset management plan is to be read with the following associated planning documents:

- District Council of Elliston 2016/17 to 2020/21 Strategic Plan
- District Council of Elliston Long Term Financial Plan 2018-2027
- District Council of Elliston Annual Business Plan & Annual Budget 2018-19

### **2.2 The Purpose of Asset Management**

The Council exists to provide services to its community. Some of these services are provided by infrastructure assets. Council has acquired infrastructure assets by ‘purchase’, by contract, construction by council staff and by donation of assets constructed by developers and others to meet increased levels of service.

Council’s goal in managing infrastructure assets is to meet the required level of service in the most cost effective manner for present and future consumers.

The key elements of infrastructure asset management are:

- Taking a life cycle approach,
- Developing cost-effective management strategies for the long term,
- Providing a defined level of service and monitoring performance,
- Sustainable use of physical resources,
- Continuous improvement in asset management practices.

## **2.3 Strategic Goals & Objectives of Council**

### **Our Vision for the community**

A viable, cohesive and dynamic community, which supports expanding economic opportunities in a sustainable manner without compromising the natural assets or quality of lifestyle of the community.

### **Our Mission**

As a legislated business, the District Council of Elliston aims to provide leadership, representation, advocacy and prudent management for its communities and visitors, and to work with them to identify asset needs and improve services.

As a Council, we are committed to achieving financial sustainability.

We recognise the benefits and advantages of working with the regional stakeholders and our neighbouring Councils.

### **Our Core Values**

The Elected Members and staff of the District Council of Elliston are guided by the following day-to-day principles to create a positive and dynamic organisational culture:

- Good governance
- Ethical behaviour
- Community focus
- Integrity
- Team Focus
- Openness and Accountability
- Responsibility
- Cohesiveness
- Positive Leadership
- Prudent financial management.

### **Our key strategic objectives**

#### *1. Economy*

To actively encourage, support and promote opportunities to increase the prosperity and sustainable growth of the community

#### *2. Infrastructure*

To effectively and efficiently manage and improve our community infrastructure.

#### *3. Environment*

To promote the enjoyment of our natural resources in a prudent and environmentally sustainable manner and ensure that our built environment effectively provides for the long term needs of our communities.

#### *4. Community Services*

To deliver a high standard of essential community services and show leadership in developing positive community spirit.

#### *5. Leadership and Governance*

To provide progressive leadership and good governance which encourages confidence of the community in the Council, and conduct our business in a financially responsible manner.

## **2.4 Plan Framework**

Key elements of the plan are

- Levels of service
- Future demand – how this will impact on future service delivery and how this is to be met.
- Life cycle management – how the organisation will manage its existing and future assets to provide the required services
- Financial summary – what funds are required to provide the required services.
- Monitoring – how the plan will be monitored to ensure it is meeting the organisation's objectives.
- Asset management improvement plan

## **2.5 Information Flow Requirements and Processes**

The key information flows *into* this asset management plan are:

- Council strategic and operational plans,
- Service requests from the community,
- Network assets information,
- The unit rates for categories of work/materials,
- Current levels of service, expenditures, service deficiencies and service risks,
- Projections of various factors affecting future demand for services and new assets acquired by Council,
- Future capital works programs,
- Financial asset values.

The key information flows *from* this asset management plan are:

- The projected Works Program and trends,
- The resulting budget and long term financial plan expenditure projections,
- Financial sustainability indicators.

These will impact the Long Term Financial Plan, Strategic Management Plan, Annual Budget and Annual Business Plan.

## **2.6 Importance of accurate asset management data to long term financial sustainability**

Financial asset data has two types of use. Firstly it is used to calculate depreciation in the Statement of Comprehensive income (Operating Statement) as well as the fair value of Property, Plant & Equipment in the Statement of Financial Position (Balance Sheet). The second use for financial asset data is to determine how much an asset will cost to replace and which year it is likely to need to be replaced.

In summary the financial statements use the financial data to report current consumption of assets and current values and also use the data from a future perspective when preparing asset management renewal programs.

## **2.6 Importance of accurate asset management data to long term financial sustainability con't**

Depreciation is one of the largest numbers in the operating statement, fair value of Property, Plant & equipment is the largest value in the balance sheet and the capital renewal expenditure (as contained in the asset management capital renewal programs) are the usually the most material cash outflows contained in the Long Term Financial Plan. There is an obvious connection between these items and long term financial sustainability.

If the asset data that underpins the depreciation charge, fair value and the asset renewal expenditure is inaccurate then Council will by default also have an inaccurate assessment of its future likely levels of financial sustainability.

Up to date data is essential as situations change over time, hence the need to update the asset management renewal programs on a timely basis and at least on an annual basis as part of the legislatively required review of the Long Term Financial Plan.

## **3. Levels of Service**

This plan has been prepared on the assumption that current service standards are adequate to meet the expectations of the community. Service level scenario analysis has not been undertaken at this stage to determine the relative increases or decreases in costs associated with providing increased or decreased service ranges and levels.

Future iterations of this plan intend to comprehensively record the range and levels of both operating services as well as asset services. This then provides Council with solid decision making data to analyse the impact of various scenarios on Councils long term financial position where services are increased or decreased should the need arise at a future time.

Service levels are defined in two terms:

### **3.1 Community Levels of Service**

Relate to the service outcomes that the community wants in terms of safety, quality, quantity, reliability, responsiveness, cost effectiveness and legislative compliance.

Community levels of service measures used in the asset management plan are:

Quality	How good is the service?
Function	Does it meet users' needs?
Safety	Is the service safe?

### **3.2 Technical Levels of Service**

Supporting the community service levels are also technical measures of performance. These technical measures relate to the allocation of resources to service activities that the council undertakes to best achieve the desired community outcomes.

Technical service measures are linked to annual budgets covering:

- Operations – the regular activities to provide services such as opening hours, cleansing frequency, mowing frequency, etc.
- Maintenance – the activities necessary to retain an assets as near as practicable to its original condition (e.g. road patching, unsealed road grading, building and structure repairs),
- Renewal – the activities that return the service capability of an asset up to that which it had originally (e.g. frequency and cost of road resurfacing and pavement reconstruction, pipeline replacement and building component replacement),
- Upgrade – the activities to provide an higher level of service (e.g. widening a road, sealing an unsealed road, replacing a pipeline with a larger size) or a new service that did not exist previously (e.g. a new library).

### **4. Future Demand Forecast**

Factors affecting demand include population change, changes in demographics, seasonal factors, vehicle ownership, consumer preferences and expectations, economic factors, agricultural practices, environmental awareness, etc.

The view taken in the preparation of this plan as well as the LTFP is that there will be minimal shifts either upwards or downwards in current population levels. Should this change over time then both the AMP & LTFP will need to be updated.

### **5. Routine Maintenance Plan**

Routine maintenance is the regular on-going work that is necessary to keep assets operating, including instances where portions of the asset fail and need immediate repair to make the asset operational again.

Maintenance includes reactive, planned and specific maintenance work activities.

Reactive maintenance is unplanned repair work carried out in response to service requests and management/supervisory directions.

Planned maintenance is repair work that is identified and managed through a maintenance management system (MMS). MMS activities include inspection, assessing the condition against failure/breakdown experience, prioritising, scheduling, actioning the work and reporting what was done to develop a maintenance history and improve maintenance and service delivery performance.

Specific maintenance is replacement of higher value components/sub-components of assets that is undertaken on a regular cycle including repainting, building roof replacement, etc. This work generally falls below the capital/maintenance threshold but may require a specific budget allocation.

Assessment and prioritisation of reactive maintenance is undertaken by operational staff using experience and judgement.



## **5. Routine Maintenance Plan con't**

Current maintenance expenditure levels are considered to be adequate to meet required service levels. Future revision of this asset management plan will include linking required maintenance expenditures with required service levels.

Management intend to develop improved maintenance programs and recording systems across all categories of assets to better demonstrate the link between current expenditure levels with the current service standards.

More specifically management will be looking for opportunities to deliver the same levels of service in a more efficient manner thus leading to savings in expenditure. Further to this if there is a need to increase services then the reason for doing so will be clearly demonstrated.

## **6. Types of Capital Expenditure - Renewal / Replacement vs New / Upgrade**

Renewal expenditure is major work which does not increase the asset's design capacity but restores, rehabilitates, replaces or renews an existing asset to its original service potential.

e.g. Resheeting a road to its previous width & depth.

Renewal will be undertaken using 'low-cost' renewal methods where practical. The aim of 'low-cost' renewals is to restore the service potential or future economic benefits of the asset by renewing the assets at a cost less than replacement cost.

New works are those works that create a new asset that did not previously exist, or works which upgrade or improve an existing asset beyond its existing capacity. They may result from growth, social or environmental needs.

e.g. Installing a CWMS for the first time

New assets and upgrade/expansion of existing assets are identified from various sources such as councillor or community requests, proposals identified by strategic plans or partnerships with other organisations. Candidate proposals are inspected to verify need and to develop a preliminary estimate.

It is possible for capital expenditure to be a combination of renewal as well as upgrade.

e.g. the replacement of a road that was initially a 6 metre wide sheeted surface with an 8 metre width sheeted surface can be considered part replacement and part upgrade.

The important point to understand is that if Council is not able to replace its existing assets in a timely manner then new assets should not be built unless essential. By building new assets Council is effectively building new liabilities as the assets usually don't generate revenue (e.g. roads) cannot be sold and will need to be maintained and eventually replaced.

## **7. Transportation Assets**

### **7.1 Description**

Transportation assets include sealed roads, unsealed roads, footpaths, kerb & guttering and drainage assets. These assets have a total current replacement cost of \$22.4M.

### **7.2 Road Hierarchy – Road Prioritisation Process**

Council have undertaken workshops to assess the unsealed road network with reference to the four priority factors outlined in sections 7.2.1 to 7.2.4 below.

#### **7.2.1 Function Priority**

This differentiates roads by a generalised function from a track to a rural arterial. This function ensures that high use roads are scored higher than low use roads.

Consideration also needs to be given to distinguish between township and rural roads within the council for the purpose of differentiating roads by importance. This is considered critical to assist in allocating the limited funds for road surface management and is also important to review roads for changing surface type (ie either upgrading or downgrading).

<b>Score</b>	<b>Function Priority</b>
1	Access track
2	Other minor access (recreation)
3	Property access
4	Local freight connector access (freight)
5	Highway connector (freight)
-	Highway (DPTI)

#### **7.2.2 Freight Priority**

This enables the industry use to be assessed and its associated freight use in the transport of goods.

<b>Score</b>	<b>Freight Priority</b>
1	no freight usage
2	infrequent freight usage (primary production)
3	secondary freight usage (primary production)
4	significant freight usage (primary production)
5	commodity transport route

### 7.2.3 Social Priority

This enables the social importance of the road to be scored. This ensures roads that have significant community importance are given higher priority than roads leading to a single dwelling.

Score	Social Priority
1	No social importance
2	Low social Importance
3	Medium social importance
4	High social importance
5	Very high social importance

### 7.2.4 Tourist Priority

This enables the tourist use to be assessed which can be particularly important in councils that rely on the tourism industry.

Score	Tourist Priority
1	no tourist importance
2	routes to isolated tourist attractions
3	routes to other beaches / national parks
4	secondary tourist attractions
5	significant tourist attractions

### 7.2.6 Determination of Road Categories

Where appropriate, given the geographical features of any given road, those roads that lead directly to either the Tod Highway or the Birdseye Highways that are known to be used by farmers driving road trains be classified as category 2 roads. Further to this those roads that run parallel to the highways and into one of the aforementioned highway feeder roads are designated as category 3 roads.

The important point to note is the words 'where appropriate'. There are a number of roads that do not necessarily follow the above general classification principal. Each of these roads has been considered carefully and a classification determined based on the individual characteristics and usage patterns of that particular road.

Appendix A contains a list of segmented roads in alphabetical order that contain length, width, category and freight train usage status.

### **7.3 Service Standards – Construction / Resheeting Unsealed Roads**

Council have agreed to use the following specifications when constructing or resheeting unsealed roads. These are known as service levels. The higher the category of road then the higher the service level applied.

Service levels are an important mechanism available to Council to influence its long term financial sustainability. There is a connection with capital outlays, as the higher the service level then the greater the cost per kilometre to resheet or construct. Accordingly by amending the specifications or the number of kilometres of road a particular category of road Council has the ability to increase or decrease future capital expenditure levels upwards or downwards.

Service levels also impact on depreciation calculations. In general the lower the category rating then the longer is the total useful life of the section of road and accordingly the lower the depreciation charge. Further to this the lower the category the lower is the cost of construction and again the lower the depreciation charge as there is less cost to allocate over the life of the asset.

### **7.3 Service Standards – Construction / Resheeting Unsealed Roads**

The following service levels / construction levels have been set by Council and underpin this plan as well as the capital renewal calculations funded in the Long Term Financial Plan.

#### **Category 1 Roads**

Sheeted Width: 8m

Sheeted Depth: 200mm

Intervention Point: 50mm

Category 1 construction diagram similar to Category 2 below with the exception of depth being 200mm rubble instead of 150 as in the diagram below

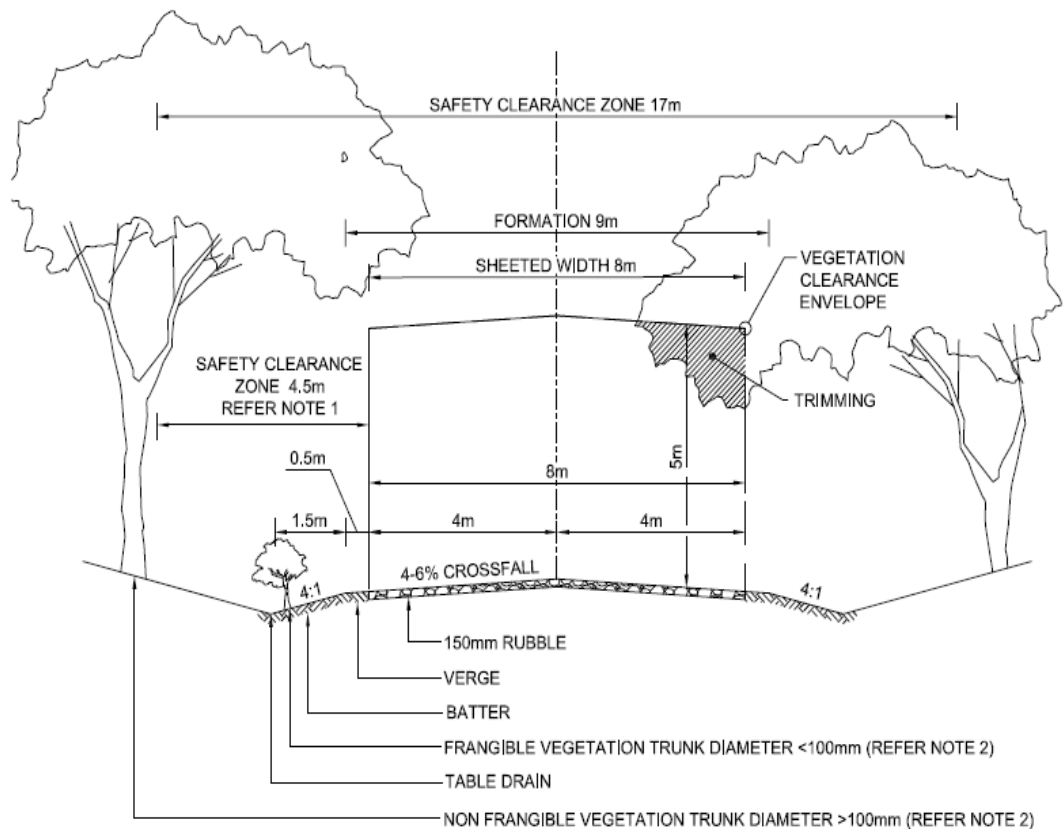
### 7.3 Service Standards – Construction / Resheeting Unsealed Roads can't

#### Category 2 Roads

Sheeted Width: 8m

Sheeted Depth: 150mm

Intervention Point: 40mm



#### NOTES

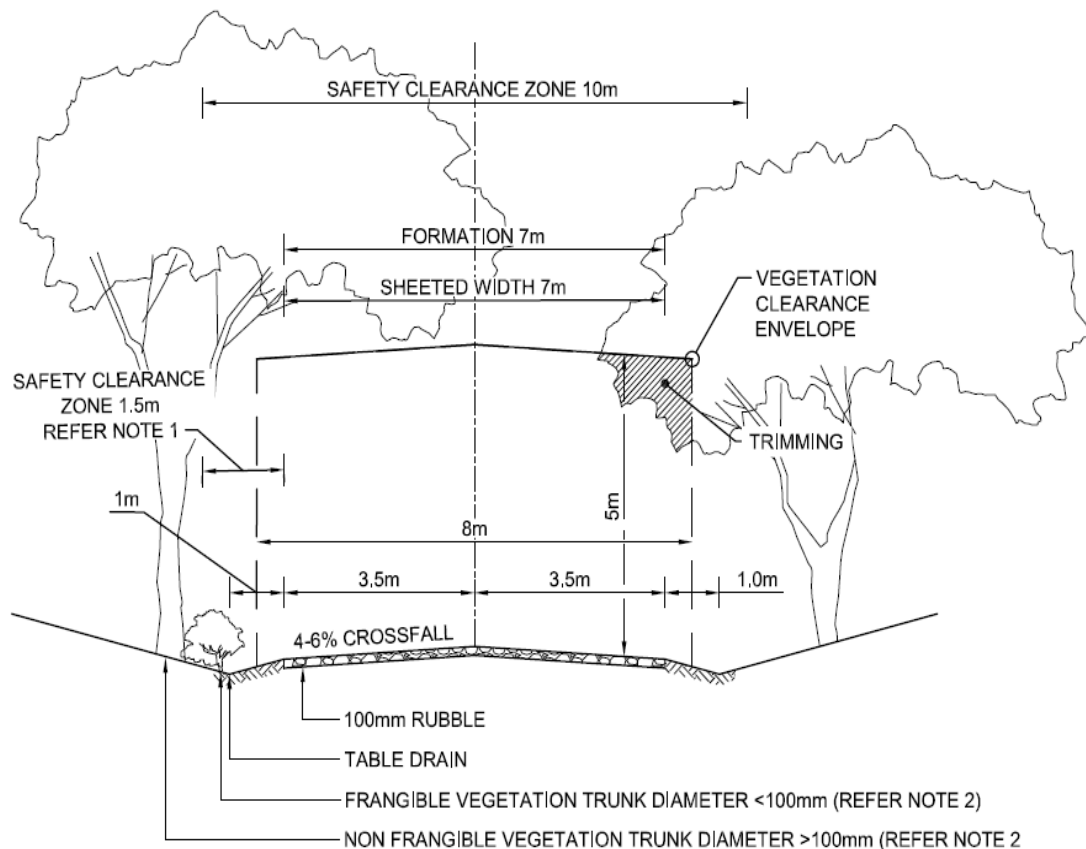
1. Safety clear zones have been based on practicable considerations with consideration to Unsealed Roads Manual : Guide to good practice ( March 2009) & Austroads Part 6 Guide to Road Design (2010).
2. Frangible vegetation is permitted in the safety clear zone however should be clear in the vegetation clearance envelope.

### 7.3 Service Standards – Construction / Resheeting Unsealed Roads can't Category 3 Roads

Sheeted Width: 7m

Sheeted Depth: 100mm

Intervention Point: 30mm



#### NOTES

1. Safety clear zones have been based on practicable considerations with consideration to Unsealed Roads Manual : Guide to good practice ( March 2009) & Austroads Part 6 Guide to Road Design (2010).
2. For single lane, two way roads the following applies
  - a. 6m vegetation clear envelope width
  - b. 6m sheeted rubble width
  - c. 8.5m safety clear zone

## 7.4 Forecast Capital Renewal Expenditure – Existing Assets

In March 2015 Council staff together with Tonkins Consulting undertook a detailed assessment of Councils unsealed road network to determine how much remaining useful life exists for each segment of road.

The assessment tests covered the following areas with scoring tables similar in principal to the ones used to determine road priority applied to calculate the remaining useful life of each section of road:

- Depth of Sheeting
- Extent of Subgrade Breakthrough
- Cross fall (Shape)
- Drainage
- Rideability
- Vegetation Canopy
- Patch Resheeting
- Field Collection Metadata

The results from this assessment have been used as an indicator as to the roads to be renewed in any particular year of the ten year work program.

Further to this staff have identified (based on more recent inspections) any additional roads that need to be added to the ten year program and on occasions identified roads in the ten year plan not needing renewal in the next ten years hence being pushed outside of the scope of the AMP & LTFP.

The assessment of the specific section of road to be included for resheeting in the annual capital expenditure budget is initially identified from the asset management plan roads data. As part of the budget setting process the roads identified are then reviewed to determine if the priority is still current or if there are now different roads that should take priority based on changed conditions and usage volumes.

Further to this a rolling four year works program will be reported in the Asset Management Plan on an ongoing basis. The data extends out further than four years however given it is likely that priorities will change significantly over a four year time frame it is not seen as worthwhile to publish the roads work program any further out than four years. The intention is to update the asset management plan each year as data is improved and to drop the year out that has just been completed and add a new year four and ten year to the cycles.

At this time the four year plan covering the financial years ending 30 June 2019 to 30 June 2022 is as follows:

Financial Year	Unsealed Road Renewals	Length (mtrs)	Estimated \$pkm	\$	Total per annum
2018-19	Hambidge Road - Hambidge to Gray's Rd	4,300	31,000	133,300	
	Holman Road - Birdseye to Pascoe Rd	3,600	31,000	111,600	<b>244,900</b>
2019-20	Tooligee Hill Road- Hundred Line to Tod Hwy	6,000	31,000	186,000	
	Hetzel Road - Tod Hwy to Hundred Line	7,600	31,000	235,600	
	Sieberts Road- Hundred Line to Tod Hwy	6,000	31,000	186,000	<b>607,600</b>
2020-21	Zerk Road - Hambidge Drive to Tod Hwy	12,600	31,000	390,600	
	Burrows Road- Birdseye Hwy to McLachlan Way	5,000	31,000	155,000	<b>545,600</b>
2021-22	Tooligee Road Tod Hwy to Roberts Road	18,100	31,000	561,100	<b>561,100</b>

## **7.5 Forecast Capital Expenditure on Constructing New Roads or Upgrading existing Roads**

Approximately \$2M has been included in the 2017-18 & 2018-19 financial years to complete the upgrade of the Kyancutta – Mt Wedge road.

No further transport asset upgrades or new transport assets are included in this iteration of the AMP. Future new and upgraded assets may be included in the annual AMP reviews as projects are identified costed and approved by Council.

## **7.6 Other transport assets**

Other transport assets include Footpaths, Kerb & Guttering, Drainage and Sealed Roads.

The Long Term Financial Plan funds the following annual allocations to be allocated on an as needs basis informed by annual inspection:

Sealed Roads = \$80k per annum

Footpaths, Kerb & Guttering and Drainage = \$50k per annum

If the allocation is not required to be spent due to better than expected asset conditions then the allocation will be reduced for that year. Should an annual inspection identify any material renewal work likely to be required in the next few years the costs of such work will then be scoped out and included in the next annual update of the AMP & LTFP.

## **8 Buildings & Structures**

### **8.1 Asset Class Description & Value**

Buildings include Council owned buildings such as the depot, administration, museum, staff accommodation, Aerodromes, Foreshore, Playgrounds and Parks. Structures include items such as Aerodrome lighting foreshore rotundas, seating fencing and sheds. This class of asset has a current replacement cost of \$5.0M

### **8.2 Forecast Capital Expenditure on Buildings & Structures for the next 10 years**

Stassi engineering consultants were engaged to undertake a comprehensive review of all Council Buildings and structures. A detailed 225 page report has been received from these consultants that have identified all assets in this category and undertaken an assessment of the current condition as well as a time frame (and approximate cost) as to when renewal work will be required to be undertaken on each asset.

Council now has comprehensive asset data to use in determining the following asset renewal program for its Buildings and Structures asset category. This report will also inform the annual review of the AMP and LTFP.



The Long Term Financial Plan funds the following annual allocations:

Item	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Port Kenny Playground	30,000	-	-	-	-	-	-	-	-	30,000
Port Kenny Public Toilets	50,000	-	-	-	-	-	-	-	-	-
Elliston Waste Transfer	-	53,000	-	-	-	-	-	-	-	-
Locks Well Staircase	6,500	-	6,500	-	6,500	-	6,500	-	6,500	-
Sheringa Beach Public Toilets	80,000	-	-	-	-	-	-	-	-	-
Sheringa Beach Staircase	6,500	-	6,480	-	6,480	-	6,480	-	6,480	-
Talia Cave Staircase	6,500	-	6,480	-	6,480	-	6,480	-	6,480	-
Elliston Airport	-	50,000	-	-	-	-	-	-	-	-
Elliston Trudinger Park Playgoun	-	-	40,000	-	-	-	-	-	-	-
Elliston Council Offices	-	-	-	5,500	-	7,500	-	-	-	-
Lock Caravan Park Toilets	-	-	-	-	-	-	5,580	-	-	-
Port Kenny Depot	-	-	-	45,000	-	-	-	-	-	-
Elliston Boat Ramp	-	-	-	-	-	9,500	-	-	-	-
Venus Bay Boat Ramp	-	-	-	8,500	-	-	-	-	-	-
Trudinger Park Gazebo & War Memorial	-	-	-	-	-	-	-	-	8,500	-
Bramfield Tower and Base	-	-	-	-	-	-	-	-	-	91,000
Lock Council Depot	-	-	-	-	-	-	-	-	-	71,500
Lock Area Sports Club Playgoun	-	-	-	-	-	-	-	-	-	45,000
	<b>179,500</b>	<b>103,000</b>	<b>59,460</b>	<b>59,000</b>	<b>19,460</b>	<b>17,000</b>	<b>25,040</b>	<b>-</b>	<b>27,960</b>	<b>237,500</b>

Presently the Locks Well staircase has been allocated enough funding to maintain its safe use. Given its strategic importance to tourism work will be undertaken to apply for a better regions grant of \$50k to be matched with another \$50k from Council. The total \$100k will be used to undertake a full renewal of the staircase to guarantee safe access to this important fishing beach for years to come.

## 9 Plant & Equipment

### 9.1 Asset Class Description & Value

Plant & Equipment are a significant class of asset and include large pieces of equipment such as graders and tractors as well as the small fleet of Council cars and utilities. The current replacement cost of this class of assets as recorded in the financial statements is \$2.0M. This class of assets has not been revalued however initial assessments would indicate that these replacement costs do not fully reflect what it would cost Council to replace them.

Staff have recently completed a 10 year asset renewal program which includes the purchase of some additional Plant & Equipment required to allow Council to construct / resheet the unsealed roads using Council staff instead of contractors.

## 9.2 Forecast Capital Expenditure on Plant & Equipment for the next 10 years

The Long Term Financial Plan funds the following annual allocations:

Item	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Elliston Ford Ranger Ute					49,000					49,000
Mitsubishi Challenger		55,000		57,000		58,500		60,000		60,000
Mitsubishi Challenger		55,000		57,000		58,500		60,000		60,000
Caterpillar Grader		375,000						400,000		
John Deere Loader	220,000									340,000
Mitsubishi Outlander			37,000					39,500		
Ford Ranger Space Cab		50,000					52,000			
Toyota Hilux Ute			45,000					47,000		
Fuso Tip Truck Dual Cab			80,000							
Toyota Tip Truck 3 Tonne			65,000							
Mack Truck				90,000						
Mitsubishi Triton Ute				38,000					40,000	
Mazda BT 50				38,000					40,000	
Mazda BT 50				38,000					40,000	
Low Loader					50,000					
Agrison Tractor					22,000					
John Deere Grader					390,000					
Tipper Trailer with cage						15,000				
Water Tanker	15,000					42,000				
Scania Prime Mover						65,000				
<b>Total</b>	<b>235,000</b>	<b>535,000</b>	<b>227,000</b>	<b>318,000</b>	<b>511,000</b>	<b>239,000</b>	<b>52,000</b>	<b>606,500</b>	<b>120,000</b>	<b>509,000</b>

## **10 Other Assets**

### **10.1 Asset Class Description & Value**

This class of assets include CWMS & Water Supply; the total replacement cost of these assets is \$5.9M.

These assets have been reviewed recently to determine likely renewal capital expenditure to be incurred over the following ten years. No renewals will be required to the CWMS.

The capital expenditure renewal table that follows relates to the Port Kenny & Venus Bay Water supplies.

### **10.2 Forecast Capital Renewal Expenditure on Water Supply for the next 10 years**

<b>Year</b>	<b>Pumping &amp; Storage Assets</b>	<b>Network nodes</b>	<b>Network pipes</b>	<b>Total</b>
<b>2018 - 19</b>	-	-	-	-
<b>2019 - 20</b>	-	1,251	-	<b>1,251</b>
<b>2020 - 21</b>	-	-	-	-
<b>2021 - 22</b>	-	-	-	-
<b>2022 - 23</b>	72,946	-	-	<b>72,946</b>
<b>2023 - 24</b>	4,487	-	-	<b>4,487</b>
<b>2024 - 25</b>	-	-	-	-
<b>2025 - 26</b>	-	27,668	-	<b>27,668</b>
<b>2026 - 27</b>	-	-	-	-
<b>2027 - 28</b>	-	-	-	-

## Appendix A – Road Classification / Freight Route Status

ID	Road Name	From	To	Length (m)	Category	Freight Train status
0248005	Airstrip Road	Flinders Hwy	Aerodrome	311	Category 3	Prohibited
0181005	Argent Road	Birdseye Hwy	4km S of Birdseye Hwy (Farm Gate)	4,041	Category 3	Permit
0181010	Argent Road	4km S of Birdseye Hwy (Farm Gate)	Buzzacott Rd	2,603	Category 3	Permit
0165010	Barwell Road	9.7km S of Birdseye Hwy (Farm Gate)	Bascombe Well Rd	6,313	Category 3	Permit
0165015	Barwell Road	Bascombe Well Rd	Kamrock Rd	2,486	Category 3	Permit
0165020	Barwell Road	Kamrock Rd	Corunna Rd	6,709	Category 3	Permit
0166005	Bascombe Well Road	Tod Hwy	Terre Dam	6,947	Category 2	Permit
0166010	Bascombe Well Road	Terre Dam	Barwell Rd	1,491	Category 2	Permit
0132010	Black Hill Road	Portana Road	Tree Park (Agars)	1,635	Category 3	Prohibited
0132015	Black Hill Road	Tree Park (Agars)	Ramp (grid)	2,310	Category 3	Prohibited
0170005	Burrows Road	Birdseye Hwy	McLachlan Way	4,800	Category 2	Gazetted
0148005	Buzzacott Road	Tod Hwy	Pearce Rd	2,212	Category 2	Permit
0148010	Buzzacott Road	Pearce Rd	Terre Dam	3,924	Category 3	Permit
0149005	Carrick Road	White Well Rd	4.4km N of White Well Rd	4,380	Category 3	Permit
0149006	Carrick Road	4.4km N of White Well Rd	Pit 5.8km N of White Well Rd	1,366	Category 3	Permit
0149008	Carrick Road	Pit 5.8km N of White Well Rd	8.1km N of White Well Rd	2,284	Category 3	Permit
0149010	Carrick Road	8.1km N of White Well Rd	10.4km N of White Well Rd (Council Bdy)	2,426	Category 3	Permit

ID	Road Name	From	To	Length (m)	Category	Freight Train status
0224005	Clementina Drive	85m from Flinders H/way (End of Seal)	Stormbird Drive	538	Category 3	Prohibited
0027030	Clifftop Road (Anxious Bay)	Clifftop Drive (East)	Clifftop Drive (West)	6,828	Category 1	Prohibited
0208005	Colton Back Road	Flinders Hwy	Silo Rd	2,381	Category 3	Permit
0208008	Colton Back Road	Silo Rd	2.7km N of Silo Rd	2,705	Category 3	Permit
0208010	Colton Back Road	2.7km N of Silo Rd	Grove Rd	6,267	Category 3	Permit
0208015	Colton Back Road	Grove Rd	Colton	8,822	Category 3	Permit
0187005	Corunna Road	Tod Hwy	Barwell Rd	3,143	Category 2	Permit
0501005	Dawson Road	Tod Hwy	Buzzacott Rd	2,950	Category 3	Permit
0164005	Dearman Road	Tod Hwy	2km W of Tod Hwy	1,994	Category 3	Permit
0164010	Dearman Road	2km W of Tod Hwy	4km W of Tod Hwy	1,993	Category 3	Permit
0164015	Dearman Road	4km W of Tod Hwy	6km W of Tod Hwy (Shed Driveway)	1,996	Category 3	Permit
0164020	Dearman Road	6km W of Tod Hwy (Shed Driveway)	8km W of Tod Hwy (Farm Driveway)	1,995	Category 3	Permit
0601005	Dennis Road	Holman Rd	Birds Eye Hwy	2,640	Category 3	Permit
0206005	Diamond Valley Road	Kyancutta/Mount Wedge Rd	6km N of Kyancutta/Mount Wedge Rd (Whiteheads)	5,990	Category 3	Prohibited
0169005	Eichner Road	Tod Hwy	Murdinga Murlong Rd	3,315	Category 2	Gazetted
0604005	Fourth Street	West Tce	Main St	320	Category 3	Prohibited
0156005	Fuss Road	Tod Hwy	0.7km N of Tod Hwy	712	Category 3	Gazetted

ID	Road Name	From	To	Length (m)	Category	Freight Train status
0156010	Fuss Road	0.7km N of Tod Hwy	1.6km E of Tod Hwy	939	Category 3	Gazetted
0156012	Fuss Road	1.6km N of Tod Hwy	6.4km E of Tod Hwy	4,806	Category 3	Gazetted
0156014	Fuss Road	6.4km E of Tod Hwy	Skinner Rd	2,899	Category 3	Gazetted
0502005	Gannet Crescent	Sundowner Dr	End (cul-de-sac)	139	Category 3	Prohibited
0151005	Golf Course Road	Tod Hwy	1km SW Tod Hwy (Farm Driveway)	1,023	Category 3	Permit
0151010	Golf Course Road	1km SW Tod Hwy (Farm Driveway)	Golf Course Entrance	1,884	Category 3	Permit
0153005	Gray Road	Hundred Line Rd	Hambidge Rd	4,887	Category 3	Gazetted
0200005	Harbour Point Road	Venus Bay Access Road	End (Coast)	1,660	Category 3	Prohibited
0144015	Hambidge drv	Tod Hwy	Zerk Rd	7,600	Category 3	Gazetted
0144010	Hambidge drv	Zerk Rd	Ridgway Rd	14,300	Category 3	Permit
0605005	Heron Street	North Tce	Hitchcock St	859	Category 3	Gazetted
0174005	Hetzel Road	Tod Hwy	Hundred Line Rd	4,271	Category 2	Permit
0221005	Hitchcock Street	Heron St	Tod Hwy	494	Category 3	Gazetted
0150005	Holman Road	Birdseye Hwy	Pascoe Rd	3,581	Category 2	Permit
0209005	Hoods Lane	Birdseye Hwy	Kyancutta/ Elliston Rd	3,667	Category 3	Prohibited
0178005	Hundred Line Road	Birdseye Hwy	Palkagee Rd	2,618	Category 2	Gazetted
0178010	Hundred Line Road	Palkagee Rd	Pratts Rd	1,810	Category 2	Gazetted
0178015	Hundred Line Road	Pratts Rd	Wills Rd	2,763	Category 2	Gazetted

ID	Road Name	From	To	Length (m)	Category	Freight Train status
0178020	Hundred Line Road	Wills Rd	Popes Rd	3,296	Category 2	Gazetted
0178023	Hundred Line Road	Birdseye Hwy	2.9km Sth of Birdseye Hwy	2,888	Category 2	Permit
0178025	Hundred Line Road	2.9km Sth of Birdseye Hwy	Hetzel Rd	1,778	Category 2	Permit
0178030	Hundred Line Road	Hetzel Rd	Sieberts Rd	4,175	Category 3	Permit
0178035	Hundred Line Road	Sieberts Rd	3km S of Sieberts Rd (Britza Rd)	3,048	Category 3	Permit
0178037	Hundred Line Road	3km S of Sieberts Rd (Britza Rd)	Murdinga Murlong Rd	3,170	Category 3	Permit
0178040	Hundred Line Road	Murdinga Murlong Rd	3.9km S Murdinga Murlong Rd	3,881	Category 3	Permit
0178042	Hundred Line Road	3.9km S Murdinga Murlong Rd	Tooligie Hill Rd	4,116	Category 3	Permit
0178045	Hundred Line Road	Tooligie Hill Rd	5.2km S of Tooligie Hill Rd (Farm Gate)	5,224	Category 3	Permit
0186005	Huppatz Road	Tod Hwy	McLachlan Way	1,829	Category 3	Permit
0171005	Kamrock Road	Barwell Rd	Tod Hwy	5,506	Category 3	Permit
0161005	Kay Road	Tooligie Rd	Farm Driveway	2,683	Category 3	Permit
0213005	Koorinal Road	Rocky Valley Rd	Gate	1,999	Category 3	Permit
0147010	Kopi West Road	0.4km W of Tod Hwy	1.1km NW of Tod Hwy	684	Category 3	Permit
0204010	Kyancutta/Mt Wedge Road	5km North of Birdseye Hwy	6.1km North of Birdseye Hwy	1,123	Category 1	Gazetted
0204015	Kyancutta/Mt Wedge Road	6.1km North of Birdseye Hwy	Diamond Valley Rd	3,481	Category 1	Gazetted
0204030	Kyancutta/Mt Wedge Road	Diamond Valley Rd	4km NE of Diamond Valley Rd (Sisters)	4,064	Category 1	Gazetted
0204050	Kyancutta/Mt Wedge Road	4km NE of Diamond Valley Rd (Sisters)	7.8km NE of Diamond Valley Rd	3,808	Category 1	Gazetted

ID	Road Name	From	To	Length (m)	Category	Freight Train status
0204055	Kyancutta/Mt Wedge Road	7.8km NE of Diamond Valley Rd	13.3km NE of Diamond Valley Rd (Council Boundary)	5,552	Category 1	Gazetted
0154005	Lally Road	Sieberts Rd	2.3km S Sieberts Rd	2,300	Category 3	Permit
0154010	Lally Road	2.3km S Sieberts Rd	Dog Fence Rd	3,047	Category 3	Permit
0154020	Lally Road	Dog Fence Rd	Murdinga Murlong Rd	1,570	Category 3	Permit
0130005	Lambing Station Road	Flinders Hwy	Grid 1.9km N of Flinders Hwy	1,894	Category 3	Prohibited
0130010	Lambing Station Road	Grid 1.9km N of Flinders Hwy	Gate 4km N of Flinders Hwy	2,192	Category 3	Prohibited
0205020	Larne Drive	Larne Homestead	Diamond Valley Rd	9,595	Category 3	Prohibited
0121005	Little Bay Scenic Drive	Little Bay Rd	1.5km SE of Little Bay Rd	1,507	Category 1	Prohibited
0254005	Main Street (Bramfield)	North Tce	Fourth St	244	Category 3	Prohibited
0254010	Main Street (Bramfield)	Fourth St	South Tce	247	Category 3	Prohibited
0146005	McLachlan Way	Birdseye Hwy	Owen Rd	4,887	Category 3	Gazetted
0146015	McLachlan Way	Owen R	Burrows Rd	4,472	Category 3	Gazetted
0146025	McLachlan Way	Burrows Rd	Tod Hwy	5,700	Category 2	Gazetted
0195005	Mt Camel Road	Flinders Hwy	Mt Camel Beach	4,071	Category 1	Prohibited
0197003	Mt Damper Road	Flinders Hwy	Okeltable Road	2,296	Category 3	Gazetted
0197005	Mt Damper Road	Okeltable Road	4.1km E of Okeltable Road	4,119	Category 3	Gazetted
0197007	Mt Damper Road	4.1km E of Okeltable Road	Kiana Well	3,821	Category 3	Gazetted



ID	Road Name	From	To	Length (m)	Category	Freight Train status
0197010	Mt Damper Road	Kiana Well	3km NE of Kiana Well	3,028	Category 3	Gazetted
0197012	Mt Damper Road	3km NE of Kiana Well	Killaparu Park Sign	2,961	Category 3	Gazetted
0197013	Mt Damper Road	Killaparu Park Sign	2.2km NE of Killaparu Park Sign	2,255	Category 3	Gazetted
0197015	Mt Damper Road	2.2km NE of Killaparu Park Sign	6.2km NE of Killaparu Park Sign	4,013	Category 3	Gazetted
0197017	Mt Damper Road	6.2km NE of Killaparu Park Sign	9.4km NE of Killaparu Park Sign (Rubble Pit Gate)	3,246	Category 3	Gazetted
0197018	Mt Damper Road	9.4km NE of Killaparu Park Sign (Rubble Pit Gate)	Ucontichie Rd	1,032	Category 3	Gazetted
0197020	Mt Damper Road	Ucontichie Rd	School Rd	2,288	Category 3	Gazetted
0197025	Mt Damper Road	School Rd	4.1km NE of School Rd (Council Boundary)	4,105	Category 3	Gazetted
0168005	Murdinga Murlong Road	Railway Tce	Eichner Rd	469	Category 2	Gazetted
0168010	Murdinga Murlong Road	Eichner Rd	0.75km E of Eichner Rd	752	Category 2	Gazetted
0168012	Murdinga Murlong Road	0.75km E of Eichner Rd	3.6km E of Eichner Rd (Farm Gate)	2,884	Category 2	Gazetted
0168015	Murdinga Murlong Road	3.6km E of Eichner Rd (Farm Gate)	4.8km E of Eichner Rd (Farm Gate at Rural Address)	1,245	Category 2	Gazetted
0168017	Murdinga Murlong Road	4.8km E of Eichner Rd (Farm Gate at Rural Address)	Hundred Line Rd	1,692	Category 2	Gazetted
0168025	Murdinga Murlong Road	Hundred Line Rd	Lally Rd	2,797	Category 2	Gazetted
0168035	Murdinga Murlong Road	Lally Rd	Roberts Rd	5,799	Category 2	Gazetted
0168050	Murdinga Murlong Road	Roberts Rd	4km E of Roberts Rd (Council Boundary)	3,940	Category 2	Gazetted

ID	Road Name	From	To	Length (m)	Category	Freight Train status
0252005	North Terrace	Second St	0.31km E of Second St (End of Sheetting)	316	Category 3	Prohibited
0503005	North West Terrace	Flinders Hwy	End	223	Category 3	Prohibited
0138005	Nowhere Else Road	Tod Hwy	4.1km W of Tod Hwy	4,133	Category 2	Permit
0138007	Nowhere Else Road	4.1km W of Tod Hwy	8.3km W of Tod Hwy (Rubble Pit)	4,213	Category 2	Permit
0138010	Nowhere Else Road	8.3km W of Tod Hwy (Rubble Pit)	11.8km W of Tod Hwy	3,472	Category 2	Permit
0138012	Nowhere Else Road	11.8km W of Tod Hwy	13km W of Tod Hwy	1,265	Category 2	Permit
0138015	Nowhere Else Road	13km W of Tod Hwy	17.3km W of Tod Hwy	4,326	Category 2	Permit
0138017	Nowhere Else Road	17.3km W of Tod Hwy	22.1km W of Tod Hwy (Oakdale Homestead)	4,787	Category 2	Permit
0138020	Nowhere Else Road	22.1km W of Tod Hwy (Oakdale Homestead)	25.2km W of Tod Hwy	3,135	Category 2	Permit
0138022	Nowhere Else Road	25.2km W of Tod Hwy	30.9km W of Tod Hwy	5,695	Category 2	Permit
0138023	Nowhere Else Road	30.9km W of Tod Hwy	34.5km W of Tod Hwy	3,626	Category 2	Permit
0138024	Nowhere Else Road	34.5km W of Tod Hwy	Pine Grove Rd	2,803	Category 2	Permit
0138025	Nowhere Else Road	Pine Grove Rd	4.2km W of Pine Grove Rd (Murphy's Corner)	4,186	Category 2	Permit
0138026	Nowhere Else Road	4.2km W of Pine Grove Rd (Murphy's Corner)	8.1km W of Pine Grove Rd	3,885	Category 2	Permit
0138027	Nowhere Else Road	8.1km W of Pine Grove Rd	Flinders Hwy	4,238	Category 2	Permit
0160005	Owen Road	Birdseye Hwy	McLachlan Hwy	2,820	Category 2	Gazetted
0183005	Palkagee Road	Tod Hwy	Hundred Line Rd	2,089	Category 2	Permit

ID	Road Name	From	To	Length (m)	Category	Freight Train status
0183010	Palkagee Road	Hundred Line Rd	Ridgway Rd	4,650	Category 2	Permit
0183020	Palkagee Road	Ridgway Rd	3.3km E of Ridgway Rd	3,326	Category 2	Permit
0183025	Palkagee Road	3.3km E of Ridgway Rd	Pascoe Rd	2,103	Category 2	Permit
0183030	Palkagee Road	Pascoe Rd	2.9km E of Pascoe Rd (Council Boundary)	2,926	Category 2	Permit
0182005	Pascoe Road	Palkagee Rd	Holman Rd	4,042	Category 2	Permit
0182015	Pascoe Road	Palkagee Rd	Wills Road	4,000	Category 2	Permit
0159005	Pearce Road	Buzzacott Rd	Terre Dam	4,546	Category 3	Permit
0141005	Popes Road	Zerk Rd	Hundred Line Rd	3,737	Category 3	Permit
0073005	Railway Terrace (Murdinga)	Tod Hwy (North)	Tod Hwy (South)	948	Category 3	Prohibited
0155005	Reeds Road	Sieberts Rd	3.3km N of Sieberts Rd	3,324	Category 3	Gazetted
0155010	Reeds Road	3.3km N of Sieberts Rd	Birdseye Hwy	4,156	Category 3	Gazetted
0157005	Ridgway Road	Palkagee Rd	Wills Rd	3,954	Category 3	Permit
0157015	Ridgway Road	Wills Rd	Haimbidge Rd	3,921	Category 3	Permit
0177025	Roberts Road	Tooligie Hill Rd	Murdinga Murlong Rd	1,234	Category 3	Permit
0203003	Rocky Valley Road	Flinders Hwy	1.9km NE of Flinders Hwy (Rural Address 189)	1,904	Category 3	Permit
0203004	Rocky Valley Road	1.9km NE of Flinders Hwy (Rural Address 189)	3.5km NE of Flinders Hwy	1,650	Category 3	Permit
0203005	Rocky Valley Road	3.5km NE of Flinders Hwy	Koorungal Rd	2,186	Category 3	Permit

ID	Road Name	From	To	Length (m)	Category	Freight Train status
0203020	Rocky Valley Road	Koorlingie Rd	Kilroy Gate	3,401	Category 3	Permit
0203030	Rocky Valley Road	Kilroy Gate	Larne Dr	7,207	Category 3	Permit
0203045	Rocky Valley Road	Larne Dr	Birdseye Hwy	6,515	Category 3	Permit
0179005	Ryan Road	Birdseye Hwy	1.9km N Birdseye Hwy (Pine Lodge Driveway)	1,938	Category 3	Permit
0179010	Ryan Road	1.9km N Birdseye Hwy (Pine Lodge Driveway)	Palkagee Rd	4,274	Category 3	Permit
0222005	School Road	Mt Damper Rd	6km N of Mt Damper Rd (Council Bdy)	5,949	Category 3	Gazetted
0125005	Second Street	South Tce	West Tce	567	Category 3	Prohibited
0176005	Sheridan Road	Tooligie Hill Rd	Tooligie Rd	4,590	Category 3	Permit
0136005	Sheringa Beach Road	Flinders Hwy	Glen Ross St	4,714	Category 1	Prohibited
0136015	Sheringa Beach Road	Glen Ross St	Round Lake	1,720	Category 1	Prohibited
0136020	Sheringa Beach Road	Round Lake to	Beach Camping Site	1,190	Category 1	Prohibited
0136025	Sheringa Beach Road	Beach Camping Site	End (Coast)	3,896	Category 1	Prohibited
0167005	Sieberts Road	Tod Hwy	Hundred Line Rd	5,966	Category 2	Gazetted
0167020	Sieberts Road	Hundred Line Rd	Lally Rd	3,598	Category 3	Permit
0167030	Sieberts Road	Lally Rd	Reeds Rd	496	Category 3	Permit
0167035	Sieberts Road	Reeds Rd	Woare Rd	5,591	Category 3	Permit
0507005	Silo Road	Sundowner Dr	Colton Back Rd	1,863	Category 3	Prohibited

ID	Road Name	From	To	Length (m)	Category	Freight Train status
0175005	Siviour Road	Murlong Mudinga Rd	1.6km S Murlong Mudinga Rd (Farm Driveway)	1,578	Category 3	Permit
0175010	Siviour Road	1.6km S Murlong Mudinga Rd (Farm Driveway)	4.1km S Murlong Mudinga Rd (Farm Driveway)	2,489	Category 3	Permit
0175015	Siviour Road	4.1km S Murlong Mudinga Rd (Farm Driveway)	6km S Murlong Mudinga Rd (Telstra Tower)	1,934	Category 3	Permit
0175020	Siviour Road	6km S Murlong Mudinga Rd (Telstra Tower)	Tooligie Hill Rd	2,078	Category 3	Permit
0137005	Skinner Road	Fuss Rd	3.1km N of Fuss Rd	3,147	Category 2	Permit
0137010	Skinner Road	3.1km N of Fuss Rd	7.1km N of Fuss Rd (Council Boundary)	4,033	Category 2	Permit
0504005	South Terrace (Bramfield)	Birdseye Hwy	Main St	330	Category 3	Prohibited
0504010	South Terrace (Bramfield)	Main St	Chickerloo Rd	271	Category 3	Prohibited
0226005	Spindrift Drive	Stormbird Dr	End	882	Category 3	Prohibited
0219005	Starke Street	Heron St	Palkagee St	157	Category 3	Prohibited
0225005	Stormbird Drive	Clementina Dr	Spindrift Dr	422	Category 3	Prohibited
0506005	Sundowner Drive	Silo Rd	End	317	Category 3	Prohibited
0196005	Talia Caves Road	Flinders Hwy	4km SW of Flinders Hwy	4,006	Category 1	Prohibited
0196015	Talia Caves Road	4km SW of Flinders Hwy	6km SW of Flinders Hwy	2,000	Category 1	Prohibited
0196020	Talia Caves Road	6km SW of Flinders Hwy	End (Coast)	2,374	Category 1	Prohibited

ID	Road Name	From	To	Length (m)	Category	Freight Train status
0172005	Terre Dam Road	Birdseye Hwy	Buzacott Rd	5,948	Category 2	Permit
0172020	Terre Dam Road	Buzacott Rd	Bascombe Well	4,634	Category 2	Permit
0127005	Third Street (Bramfield)	Birdseye Hwy	First Street	459	Category 3	Prohibited
0163005	Tooligie Hill Road	Tod Hwy	Hundred Line Rd	6,038	Category 2	Gazetted
0163020	Tooligie Hill Road	Hundred Line Rd	Siviour Rd	3,727	Category 2	Gazetted
0163030	Tooligie Hill Road	Siviour Rd	4.5km E of Siviour Rd	4,485	Category 2	Gazetted
0163035	Tooligie Hill Road	4.5km E of Siviour Rd	Roberts Rd	941	Category 2	Gazetted
0163040	Tooligie Hill Road	Roberts Rd	3km E of Roberts Rd (Council Boundary)	3,018	Category 3	Permit
0162005	Tooligie Road	Tod Hwy	4.3km E of Tod Hwy (Property Address 434)	4,349	Category 2	Gazetted
0162010	Tooligie Road	4.3km E of Tod Hwy (Property Address 434)	Hundred Line Rd	3,104	Category 2	Gazetted
0162025	Tooligie Road	Hundred Line Rd	Sheridan Rd	4,659	Category 2	Gazetted
0162035	Tooligie Road	Sheriden Rd	5.1km E of Sheriden Rd	5,128	Category 2	Gazetted
0162040	Tooligie Road	5.1km E of Sheriden Rd	Roberts Rd	994	Category 2	Gazetted
0199005	Ucontichie Road	Mt Damper Rd	5.6km W Mt Damper Rd (Council Boundary)	5,587	Category 3	Permit
051005	Young Rd	McLachlan Way	Tod Hwy	5,100	Category 5	Permit
0212005	Walkers Rocks Road	Flinders Hwy	Beach Parking	3,149	Category 1	Prohibited
0600005	Waratah Road	Flinders Hwy	End	698	Category 3	Prohibited

ID	Road Name	From	To	Length (m)	Category	Freight Train status
0202005	Warna Well Road	Flinders Hwy	Farm Driveway	6,625	Category 3	Prohibited
0145005	White Well Road	Tod Hwy	4.2km W of Tod Hwy	4,175	Category 3	Gazetted
0145010	White Well Road	4.2km W of Tod Hwy	5.9km W of Tod Hwy	1,707	Category 3	Gazetted
0145015	White Well Road	5.9km W of Tod Hwy	6.6km W of Tod Hwy	650	Category 3	Gazetted
0145020	White Well Road	6.5km W of Tod Hwy	10km W of Tod Hwy	3,480	Category 3	Gazetted
0145030	White Well Road	10km W of Tod Hwy	11.2km W of Tod Hwy	1,152	Category 3	Gazetted
0185005	Wills Road	Hundred Line Rd	2.4km E of Hundred Line Rd	2,396	Category 3	Permit
0185010	Wills Road	2.4km E of Hundred Line Rd	Ridgway Rd	3,790	Category 3	Permit
0509005	Woore Road	Birdseye Hwy	Sieberts Rd	5,800	Category 3	Gazetted
0124005	Wookata Drive	Flinders Hwy	Silo Rd	861	Category 3	Prohibited
018005	Zacs Rd	Tod Hwy	Paddock access railway cnr	1,700	Category 4	Permit
0143005	Zerk Road	Tod Hwy	2.1km NW of Tod Hwy	2,400	Category 2	Gazetted
0143010	Zerk Road	2.1km NW of Tod Hwy	Popes Rd	4,069	Category 2	Gazetted
0143020	Zerk Road	Popes Rd	2km N of Popes Rd	2,002	Category 2	Gazetted
0143025	Zerk Road	2km N of Popes Rd	2.9km N of Popes Rd	878	Category 2	Gazetted
0143030	Zerk Road	2.9km N of Popes Rd	Hambidge Dr	3,400	Category 2	Gazetted
0143035	Zerk Road	Hambidge Dr	Fuss Rd	4,998	Category 2	Gazetted