






# Fleet

## Asset Management Plan

**2019 to 2029**

<b>Document Control</b>		  
Document ID : NAMS>PLUS Concise AM Plan Template v 3.116		
<b>Plan</b>	<b>Adopted</b>	<b>Revision Details</b>
2015-2025	08/04/2015	Initial plan prepared in conjunction with relevant staff for adoption by Council.
2017-2027	05/12/2016	Biyearly review undertaken, with major changes being update of financial information and risk management section.
2019-2029	18/03/2019	Annual review conducted, with major changes being update of financial information. Converted to new format AM Plan.

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## 1. EXECUTIVE SUMMARY

### Context

District Council of Grant operates and maintains a fleet of construction plant, trucks and trailers, commercial vehicles and passenger vehicles, together with a range of light plant.

The fundamental purpose of this Fleet Asset Management Plan (Fleet AM Plan) is to improve Council's long-term strategic management of its infrastructure Fleet assets in order to cater for the community's desired levels of service in the future, in accordance with Council's key strategic documents and demonstrate reasonable management in the context of Council's available financial and human resources.

The Fleet AM Plan achieves this by setting standards, service levels and programmes which Council will develop and deliver. The standards and service levels have been set in accordance with user needs, regulations, industry practice and legislative codes of practice.

### What does the plan Cover?

The Fleet asset portfolio comprises:

- Commercial Vehicles
- Passenger Vehicles
- Heavy Vehicles
- Heavy Plant
- Light Plant
- Trailers

These Fleet assets are recorded at historic cost and are valued at their purchase price of \$6,249,359 as at 30<sup>th</sup> June 2018.

It should be noted that items with a replacement value of less than \$3,000 are considered to be low value assets and therefore their value is not included in the financial sections of this plan.

### What doesn't the plan Cover?

All fleet assets associated with Mount Gambier Airport and Mount Gambier & District Saleyards (assets associated with these services are included within their respective master plans).

### What does it Cost?

There are two key indicators of cost to provide the Fleet asset portfolio:

- The life cycle cost being the average cost over the life cycle of the asset; and
- The total maintenance and capital renewal expenditure required to deliver existing service levels in the next 10 years covered by Council's long term financial plan.

The total operations, maintenance and capital renewal expenditure required to sustain the Fleet asset base over the next ten years at current service levels is estimated at \$12,781,932. This is an average of \$1,278,193 per annum. Council's planned lifecycle expenditure for year on of this AM Plan is \$1,067,214.

### What we will do

Council plans to provide services for the operation, maintenance, renewal and upgrade of all assets as outlined in Section 2.2 to meet service levels set by Council within annual budget.

### Managing the Risks

There are risks associated with providing the service and not being able to complete all identified activities and projects. We have identified major risks as:

- Poor efficiency due to ageing equipment
- Increased downtime if maintenance and renewal is not adequate
- Obsolete equipment

We will endeavour to manage these risks within available funding by:

- Providing recommended servicing
- Optimising the replacement program
- Monitoring costs of equipment

## 2. INTRODUCTION

### 2.1 Background

This asset management plan (AM Plan) has been developed to support Council’s Strategic AM Plan and communicates the actions required for the responsive management of assets (and services provided from assets), compliance with regulatory requirements, and funding needed to provide the required levels of service over a 20-year planning period.

Much of Council’s core asset management information is detailed within the Strategic AM Plan and it is therefore important that this document be read in conjunction with that Plan along with other Council key planning documents including:

- Strategic Management Plan
- Long Term Financial Plan
- Annual Business Plan
- Asset Management Policy
- Asset Accounting Policy
- Risk Management Framework

### 2.2 Assets Covered by this Plan

The Fleet assets covered by this AM Plan are shown in table below.

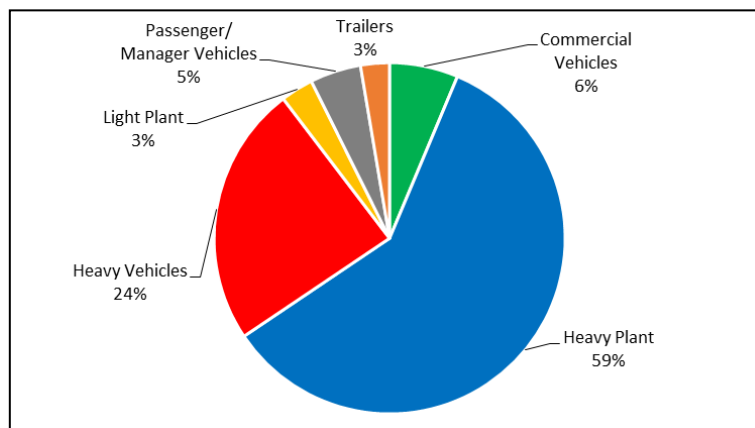
Note: All values throughout this AM Plan are shown in current (real) dollars.

*Assets covered by this Plan (by asset category) as at 30<sup>th</sup> June 2018*

Asset Category	Quantity	Replacement Value
Commercial Vehicles	14	\$395,058
Heavy Vehicles	27	\$3,702,879
Heavy Plant	13	\$1,503,505
Light Plant *	18	\$188,108
Passenger/Manager Vehicles	10	\$293,595
Trailers *	9	\$166,214
<b>TOTAL</b>	<b>92</b>	<b>\$6,249,359</b>

\* It should be noted that items with a replacement value of less than \$3,000 are considered to be low value assets and therefore their value is not included in the financial sections of this plan.

*Current Replacement Value by Asset Category*



### 3. LEVELS OF SERVICE

#### 3.1 Community Levels of Service

Service Attribute	Level of Service Objective	Performance Measure Process	Desired Level of Service	Current Level of Service
Quality/ Condition	Provide a fleet which is operational	<ul style="list-style-type: none"> <li>Maintenance failures</li> <li>Labour rates</li> <li>Scheduled/ unscheduled maintenance ratio</li> </ul>	Fleet assets are managed using adopted policies and best practice standards	Fleet assets are managed using adopted policies and best practice standards
Function/ Safety	Provide sufficient fleet assets to meet the communities desired levels of service	Specification for equipment meets operator needs	Sufficient assets are available to meet levels of service	Sufficient assets are available to meet levels of service
	Ensure assets are operated, maintained, serviced and repaired to industry standards	Roadworthy compliance	100% compliant with legislation	100% compliance
Capacity/ Utilisation	Maximise utilisation rates	<ul style="list-style-type: none"> <li>Distance travelled</li> <li>Plant hours</li> <li>Service intervals</li> <li>Optimised renewal</li> </ul>	Utilisation maximised	Utilisation being monitored and working towards improved utilisation and plant rationalisation

#### 3.2 Technical Levels of Service

Service Attribute	Level of Service Objective	Performance Measure Process	Desired Level of Service	Current Level of Service
Operations and Maintenance <i>Budget \$643,546 (Year 1)</i>	All fleet assets are fully maintained.	Scheduled maintenance	100% compliance with manufacturers specifications	100% compliance
		Reactive maintenance	Assets to be operational	Reliant on operator reporting defects/faults
Renewal <i>Net Budget \$423,668 (Year 1)</i>	Renewal completed on-time and within budget	Renewals in accordance with vehicle replacement plans	Renewals within annual budgets	Renewals within annual budgets
Upgrade/New <i>Budget \$0 (Year 1)</i>	Provide a fit for purpose fleet of vehicles	Upgrades/new in accordance with vehicle replacement plans	Existing assets are fit for purpose and sufficient to meet Council needs	Existing assets are fit for purpose and sufficient to meet Council needs

#### 3.3 Maintenance Response Levels of Service

Maintenance programs are normally focused on legislative requirements, design specifications or community expectations. The maintenance requirements include reactive, scheduled and major cyclic activities:

- Reactive maintenance is defined as unplanned repair work which is carried out in response to service requests and management/supervisory directions.
- Scheduled maintenance is work that is identified and managed through a Fleet Management System. These activities include inspection, assessing the condition against failure/breakdown standards, prioritising, scheduling, actioning the work and reporting what was done to develop a maintenance history and improve maintenance and service delivery performance.
- Major Cyclic Maintenance involves the major refurbishment of higher value components/sub-components of assets and is undertaken on a regular cycle and generally involves major plant maintenance.

## 4. FUTURE DEMAND

### 4.1 Demand Drivers and Impact of Services

Demand Factor	Present Position	Projection	Impact on Services
Population and Demographics *	8,203 (based on 2016 Census data) 63.3% increase in people aged 65 years and over from 2011 to 2016.	Steady increase of 0.9% per annum, with the increase expected to occur mainly in the older demographic 65+.	No impact.
Development	Increase in the development of rural living sub divisions. Development undertaken in both township and rural areas.	Expected to continue.	Increase to fleet base to meet the additional road maintenance requirements.
Environment	Higher frequency of extreme weather events.  Community awareness on environmental and sustainability issues is increasing.	Unknown at this stage, but changes likely.  Community expectation for assets to be environmentally sustainable as awareness increases.	Increase to fleet base to meet the additional road maintenance requirements as a result of extreme weather.  Increased cost associated with purchasing environmentally friendly fleet assets (ie. fuel efficiency).
Industry	Use of road network by heavy vehicles has been increasing over the last 10 years.	Expected to continue to increase with industry growth.	Increase to fleet base to meet the additional road maintenance requirements as a result of increased heavy vehicle use.

\* Current population and demographical information can be found in the Strategic AM Plan.

### 4.2 Changes in Technology Forecast to Affect Delivery of Services

Technology Change	Affect on Service Delivery
Equipment technology increasing	Change in equipment will provide increased capacity and efficiency, better fuel efficiency and operator comfort and safety.

### 4.3 Demand Management Plan

Demand Driver	Impact on Services	Demand Management Plan
Development	Increase to fleet base to meet the additional road maintenance requirements resulting from new sub divisions.	Fleet base to be assessed on an ongoing basis to ensure sufficient to meet requirements.
Environment	Increase to fleet base to meet the additional road maintenance requirements as a result of extreme weather.  Increased cost associated with purchasing environmentally friendly fleet assets (ie. fuel efficiency).	Fleet base to be assessed on an ongoing basis to ensure sufficient to meet requirements.  Costs to be monitored and considered during annual budget planning process.
Industry	Increase to fleet base to meet the additional road maintenance requirements as a result of increased heavy vehicle use.	Fleet base to be assessed on an ongoing basis to ensure sufficient to meet requirements.

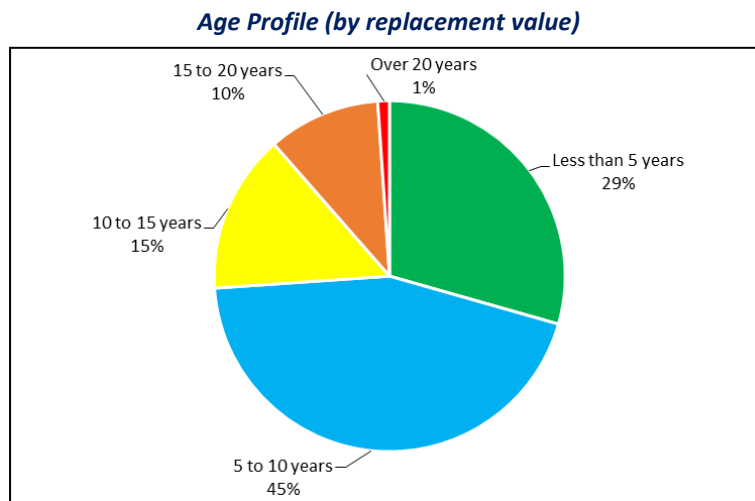
### 4.4 New Assets for Growth

There are no additional fleet assets proposed during the period of the long term financial plan or asset management plan.



## 5. LIFECYCLE MANAGEMENT PLAN

### 5.1 Asset Age Profile



### 5.2 Asset Capacity and Performance

Location	Service Deficiency
Fleet maintenance facilities	Review workshop facilities and capacity to meet current and future fleet maintenance requirements.
Utilisation	Underutilised plant that are a result of staffing, seasonal weather and communication across departments.

The above service deficiencies were identified from consultation from key stakeholders.

### 5.3 Asset Condition

Fleet assets are depreciated using an age based straight line method and as such there is no requirement to regularly assess the condition for revaluation purposes.

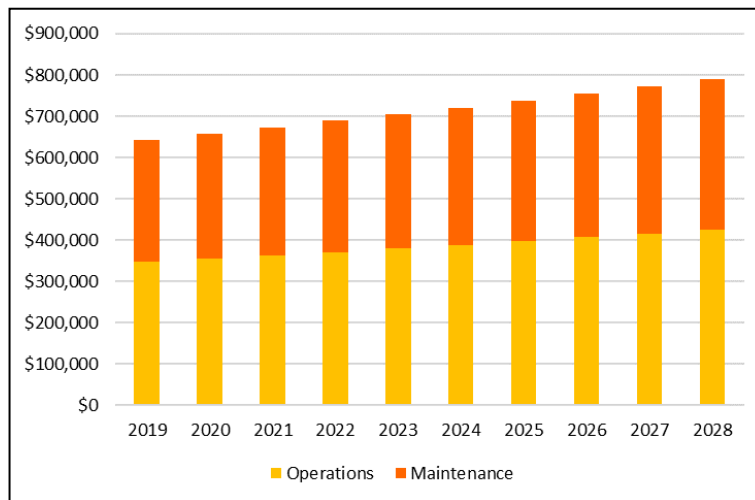
### 5.4 Operations and Maintenance

#### 5.4.1 Operations and Maintenance Expenditure Trends

Year	Operations \$	Maintenance \$
2018 Actual	\$339,168	\$328,920
2019 Budget	\$347,058	\$296,489
2020 Estimate	\$355,040	\$303,308

5.4.2 Future Operations and Maintenance

**Operations and Maintenance Expenditure**



5.5 Renewal Plan

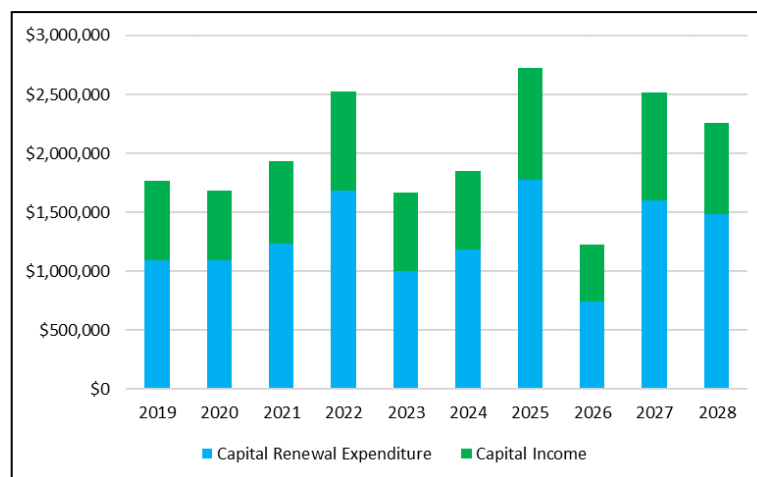
5.5.1 Ranking Criteria

Majority of assets within this category are included in Council’s plant replacement program, which is developed based on the useful lives of the assets. Only a small number of minor assets are excluded from the program and are to be retained until they are no longer fit for purpose.

5.5.2 Renewal expenditure

The renewal program is shown in the Appendices.

**Capital Renewal Expenditure Program**



5.6 New/Upgrade Plan

5.6.1 Ranking Criteria

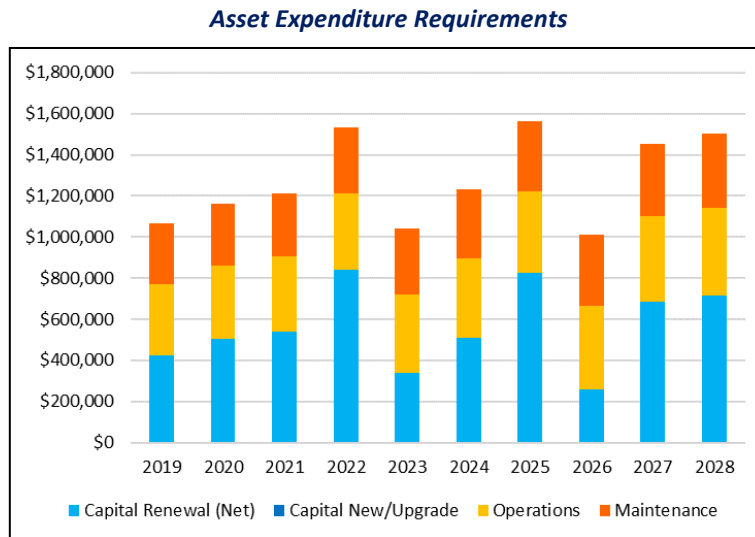
Criteria	Weighting
Benefits exceed costs and availability of funding (either from Council’s Plant Replacement Program or by grants) to expand the range of plant	100%
<b>Total</b>	<b>100%</b>

5.6.2 New/Upgrade expenditure

There are no new/upgrade capital purchases included in the program at this time.

5.7 Summary of asset expenditure requirements

The financial projections from this asset plan are shown below for projected operating (operations and maintenance) and capital expenditure (renewal and new/upgrade assets).



5.8 Disposal Plan

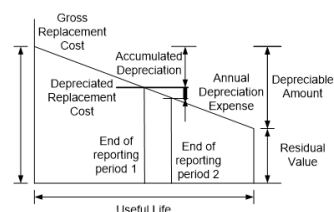
Asset	Reason for Disposal	Timing	Disposal Expenditure	Operations & Maintenance Annual Savings
No planned disposals (other than trade-ins)	-	-	\$0	\$0

## 6. FINANCIAL SUMMARY

### 6.1 Asset valuations

The value of assets recorded in the asset register as at 30<sup>th</sup> June 2018 covered by this AM Plan are shown below. Assets are valued at original purchase cost.

Historical Cost	\$6,249,359
Depreciable Amount	\$3,947,053
Accumulated Depreciation	\$1,974,693
Depreciated Replacement Cost <sup>1</sup>	\$4,646,169
Annual Average Asset Consumption <sup>2</sup>	\$421,981



### 6.2 Sustainability

Council's sustainability reporting reports the rate of annual asset consumption and compares this to asset renewal and asset upgrade and expansion. Note that these ratios are based on year one of this AM Plan.

Asset Consumption 10.69%  
(*Depreciation ÷ Depreciable Amount*)

Asset Sustainability Ratio 100.4%  
(*Capital renewal ÷ Annual depreciation*)

Council's applied depreciation method, estimates for asset useful lives and residual values, for the purposes of calculating depreciation, are contained in the appendices.

### 6.3 Projected expenditures for long term financial plan

Year	Operations	Maintenance	Net Projected Capital Renewal	Capital Upgrade/ New	Disposals*
2019	\$347,058	\$296,489	\$423,668	\$0	\$0
2020	\$355,040	\$303,308	\$504,094	\$0	\$0
2021	\$363,206	\$310,284	\$541,183	\$0	\$0
2022	\$371,560	\$317,421	\$842,523	\$0	\$0
2023	\$380,105	\$324,721	\$338,237	\$0	\$0
2024	\$388,848	\$332,190	\$509,035	\$0	\$0
2025	\$397,791	\$339,830	\$825,014	\$0	\$0
2026	\$406,941	\$347,647	\$256,844	\$0	\$0
2027	\$416,300	\$355,642	\$683,153	\$0	\$0
2028	\$425,875	\$363,822	\$714,103	\$0	\$0

\* Other than planned trade-ins

<sup>1</sup> Also reported as Written Down Value, Carrying or Net Book Value.

<sup>2</sup> Also reported as Annual Depreciation.

## 7. RISK MANAGEMENT

### 7.1 Critical Risks and Treatment Plans

Service at Risk	What can Happen	Risk Rating	Risk Treatment Plan
Ageing fleet or Technical Obsolescence	<ul style="list-style-type: none"> <li>• High incidence of breakdowns</li> <li>• Increased maintenance costs</li> <li>• Increased down time/lower utilisation rates</li> <li>• Increased product costs and poor efficiency</li> <li>• Works programs run behind schedule</li> </ul>	High	<ul style="list-style-type: none"> <li>• Service in accordance with manufacturers requirements</li> <li>• Investigate and replace equipment at optimal time to give the lowest lifecycle cost</li> <li>• Regular condition assessment of key equipment to assist in predicting maintenance and renewal needs</li> <li>• Maintenance is managed appropriately at an operational level</li> </ul>
Plant and equipment reduced safety	Underfunding of renewals in the future	High	Investigate and replace equipment at optimal time to give the lowest lifecycle cost and improved safety

## 8. PLAN IMPROVEMENT AND MONITORING

### 8.1 Improvement Plan

Action	Responsibility	Timeline
<b>Completed and Ongoing Actions</b>		
Develop risk management plan.	MOD/WM	Framework Completed
Continue to improve maintenance records and data stored within Assetic.	WM/AMC	Ongoing
<b>Current Actions</b>		
Major review of utilisation and rationalisation of major plant and equipment.	WM/DCEO	June 2020

### 8.2 Monitoring and Review Procedures

This AM Plan will be updated biennially to ensure it represents the current service level, asset values, projected operations, maintenance, capital renewal and replacement, capital upgrade/new and asset disposal expenditures and projected expenditure values incorporated into Council's long term financial plan.

## 9. APPENDICES

Appendix A Projected 10 year Capital Renewal Works Program

Appendix B Projected 10 year Capital Upgrade/New Works Program

Appendix C Asset Useful Lives and Valuation Matrices

## Appendix A Projected 10 Year Capital Renewal Program

Asset Type	Asset Details	Current Asset ID	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Brush Chippers	Vermeer BC1200XL Brush Chipper	F.P360				\$65,252						
Commercial Vehicles	Toyota Hilux 4x4 Dual Cab Utility	F.002315			\$39,938		\$41,695		\$43,451		\$45,207	
Commercial Vehicles	Toyota Hilux 4x4 Dual Cab Utility	F.002056	\$39,133		\$40,854		\$42,575		\$44,296		\$46,017	
Commercial Vehicles	Toyota Hilux 4x4 Dual Cab Utility	F.002243	\$108,553	\$109,379	\$110,205	\$111,031	\$111,857	\$112,683	\$113,509	\$114,335	\$115,160	\$115,986
Commercial Vehicles	Toyota Hilux 4x4 Dual Cab Utility	F.002316	\$105,000	\$105,805	\$106,610	\$107,415	\$108,220	\$109,025	\$109,830	\$110,635	\$111,440	\$112,245
Commercial Vehicles	Toyota Hilux 4x4 Dual Cab Utility	F.002153	\$110,455	\$111,301	\$112,148	\$112,995	\$113,842	\$114,689	\$115,535	\$116,382	\$117,229	\$118,076
Commercial Vehicles	Toyota Landcruiser Cab Chassis Diesel (No Planned Replacement)	F.P290										
Commercial Vehicles	Ford Ranger PX XL 4x2 Single Cab Utility	F.P394	\$22,478			\$23,898			\$25,318			\$26,738
Commercial Vehicles	Mitsubishi Triton Single Cab 4x4 Utility	F.P397	\$28,692			\$30,544			\$32,396			\$34,248
Commercial Vehicles	Toyota Hilux Workmate 4x2 Single Cab Utility	F.P398	\$20,153			\$21,453			\$22,754			\$24,055
Commercial Vehicles	Toyota Hilux Single Cab 4x2 Tray Top Utility	F.P399	\$20,153			\$21,453			\$22,754			\$24,055
Commercial Vehicles	Nissan Navara 4x2 Dual Cab Utility	F.P400		\$25,382			\$27,020			\$28,658		
Commercial Vehicles	Nissan Navara 4x2 Dual Cab Utility	F.P401		\$25,382			\$27,020			\$28,658		
Commercial Vehicles	Nissan Navara 4x2 Dual Cab Utility	F.P402		\$25,382			\$27,020			\$28,658		
Commercial Vehicles	Ford Ranger 4x2 C/C XL Single Cab Utility	F.P407	\$26,084		\$27,231		\$28,378		\$29,525		\$30,672	
Concrete Mixers	Concrete Mixer (No Planned Replacement)	F.001118										
Concrete Mixers	Concrete Mixer (No Planned Replacement)	F.001119										
Forklifts	Hyster Forklift (No Planned Replacement)	F.P366										
Generators	Kohler KM12M Trailer Mounted Generator	F.000621			\$21,091							
Generators	Kohler K Series Genset Trailer Mounted Generator	F.001117					\$25,305					



Asset Type	Asset Details	Current Asset ID	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Graders	Caterpillar 120M Motor Grader	F.P415										
Graders	Caterpillar 120M Motor Grader	F.P335				\$434,922						
Graders	Caterpillar 120M Motor Grader	F.P371							\$401,649			
Graders	Caterpillar 120M Motor Grader	F.P403										\$414,410
Graders	Caterpillar 120M Motor Grader	F.P404										
Graders	Caterpillar 120M Motor Grader	F.P409									\$393,600	
Linemarkers	Graco Linemarkers - Linelazer IV 200HS	F.P331		\$31,590								
Loaders	Furukawa FL70A Loader (No Planned Replacement)	F.P287										
Loaders	Volvo L70F 4WD Front End Wheeled Loader	F.P343			\$297,660							
Loaders	Volvo L70F 4WD Front End Wheeled Loader	F.P356				\$297,427						
Loaders	Volvo L70F 4WD Front End Wheeled Loader	F.P408									\$324,222	
Mowers	Cub Cadet 1018RD Lawn Tractor (No Planned Replacement)	F.P311										
Mowers	Kubota ZD326P-60 Zero Turn Ride On Mower	F.P378		\$23,411			\$24,922			\$26,433		
Mowers	Kubota F3690 36HP 4WD Outfront Mower	F.P396	\$31,001			\$33,002			\$35,003			\$37,004
Mowers	Kubota F3690 Ride On Outfront Mower	F.P405		\$28,863			\$30,726			\$32,589		
Passenger/Manager Vehicles	Holden VF Commodore 3.0L Evoke Sedan Auto MY16	F.001926	\$31,569		\$32,927		\$34,286		\$35,644		\$37,003	
Passenger/Manager Vehicles	Hyundai TL Tucson	F.002050	\$24,168		\$25,280		\$26,392		\$27,503		\$28,615	
Passenger/Manager Vehicles	Toyota Corolla Hatch CV Ascent Sport	F.002052	\$19,993		\$20,872		\$21,751		\$22,630		\$23,510	
Passenger/Manager Vehicles	Hyundai Accent Hatch Active 1.4P Auto	F.002054			\$16,145				\$17,505			
Passenger/Manager Vehicles	Mazda CX5 AWD Wagon	F.002245	\$28,661		\$29,979		\$31,298		\$32,616		\$33,935	
Passenger/Manager Vehicles	Toyota Corolla Hatch CV Ascent Sport	F.002078	\$20,313		\$21,206		\$22,099		\$22,992		\$23,886	
Passenger/Manager Vehicles	Ford Everest MY SUV	F.002150	\$45,744	\$46,772	\$47,800	\$48,829	\$49,857	\$50,886	\$51,914	\$52,943	\$53,971	\$55,000
Passenger/Manager Vehicles	Ford Ranger PU XLT 4x4 Crew Cab Utility	F.002151	\$47,507	\$48,575	\$49,644	\$50,712	\$51,780	\$52,848	\$53,916	\$54,984	\$56,052	\$57,120
Passenger/Manager Vehicles	Holden CG Captiva 7 3.0L LTZ AWD Auto Wagon	F.002208	\$30,138		\$31,463		\$32,788		\$34,114		\$35,439	

Asset Type	Asset Details	Current Asset ID	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Passenger/ Manager Vehicles	Toyota Rav4 Petrol 6A GXL AWD	F.002238	\$35,493	\$36,291	\$37,089	\$37,887	\$38,685	\$39,483	\$40,281	\$41,079	\$41,877	\$42,675
Road Brooms	Pacific Road Broom (No Planned Replacement)	F.P135										
Road Brooms	Sewell B200 Road Broom	F.P284				\$6,459						
Rollers	Moore Self Propelled Multi Tyred Roller (No Planned Replacement)	F.P173										
Rollers	Caterpillar Vibrating Roller	F.P204			\$67,237							
Rollers	Broons 1830 Combination Roller (No Planned Replacement)	F.P249										
Rollers	Broons Combination Roller (No Planned Replacement)	F.P286										
Rollers	Broons eCombi Combination Roller	F.P321						\$84,816				
Rollers	Flocon Roller Pull - Combination Roller	F.P345							\$107,188			
Rollers	DMK Combination Roller	F.P377										
Rollers	Broons BH-1830 Combination Roller	F.P412										\$126,241
Slashers	Howard 6' EHD 180 Slasher	F.P336		\$9,594								
Slashers	Howard 6' EHD 180 Slasher	F.P337		\$9,594								
Slashers	Howard 6' EHD 180 Slasher	F.P338		\$9,594								
Slashers	Kanga H Range 1800 Rotary Cutter Slasher	F.P411									\$8,487	
Street Sweepers	Hino Street Sweeper	F.P306						\$114,325				
Tankers	Fuel Tank (Steel) (No Planned Replacement)	F.000659										
Tractors	Case IH 115 Maxxum 4WD Tractor	F.P344			\$102,640							
Tractors	Case IH 115 Tractor (6 Cylinder)	F.P351				\$98,634						
Tractors	Case IH 100 Tractor (4 Cylinder)	F.P352				\$87,072						
Tractors	Case IH100 Maxxum 4 Cylinder 4WD Cabin Tractor	F.P370					\$84,446					
Tractors	Case IH 125 Maxxum Tractor	F.P395						\$108,240				
Trailers	Tandem Trailer (No Planned Replacement)	F.000671										
Trailers	Plunkett Tandem Trailer (No Planned Replacement)	F.000672										
Trailers	Tandem Trailer (No Planned Replacement)	F.000673										
Trailers	Tandem Trailer (No Planned Replacement)	F.000675										
Trailers	Single Axle Trailer (No Planned Replacement)	F.000676										
Trailers	Graco Linemarker Trailer (No Planned Replacement)	F.000679										

Asset Type	Asset Details	Current Asset ID	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Trailers	Tandem Trailer (No Planned Replacement)	F.000680										
Trailers	Plunkett Tandem Trailer (No Planned Replacement)	F.001120										
Trailers	AJ Stock Tipping Trailer (10m)	F.P414										\$65,104
Trailers	AJ Stock Tipping Trailer (10m)	F.P381						\$58,464				
Trailers	AJ Stock Tipping Trailer (10m)	F.P383						\$58,464				
Trucks	Dhort Fire Truck (No Planned Replacement)	F.000732										
Trucks	Hino Premix Truck and Exi-Lay Body	F.P205		\$180,940								
Trucks	Isuzu FSR850 Truck	F.P316	\$116,875									
Trucks	Isuzu FSR850 Truck	F.P317	\$116,875									
Trucks	Isuzu Giga CX455 Tipping Truck (10m)	F.P413										\$232,385
Trucks	Isuzu NNR200 Truck (2m)	F.P320	\$65,934									
Trucks	Isuzu FTR900 Truck with 5M JG Schulz Tipper Body	F.P333		\$140,257								
Trucks	Isuzu FTR700/850 Truck with 5M JG Schulz Tipper Body	F.P334		\$124,943								
Trucks	Isuzu NNR200 Medium Truck with Tipper and Bin Lifter	F.P363				\$94,170						
Trucks	Isuzu 10 Metre Giga CXZ455 Tipping Truck	F.P380						\$235,181				
Trucks	Isuzu 10 Metre Giga CXZ455 Tipping Truck	F.P382						\$235,181				
Trucks	Hino 617 Medium 300 Series 2m Tipper	F.P391							\$70,546			
Trucks	Hino 500 Series - 2628 Medium Truck	F.P392							\$175,398			
Trucks	Isuzu NPR 55-155 Medium Truck with Tipper Body	F.P410									\$73,219	
Total			\$1,094,968	\$1,093,055	\$1,238,019	\$1,683,154	\$1,001,961	\$1,181,227	\$1,774,136	\$742,543	\$1,599,540	\$1,485,342

**Appendix B Projected 10 year Capital Upgrade/New Works Program**

There is no capital new/upgrade expenditure included in the program at this time.

## Appendix C Asset Useful Lives and Valuation Matrices

Asset Type	Asset Sub Type	Useful Life	Residual %	Valuation Matrix
Commercial Vehicles	Utilities (Dual Cab)	3	30	Age Based (Straight Line Method)
	Utilities (Single Cab)	3	50	
	Buy Back	Individual Agreement		
Passenger Vehicles	All Types	2	65	
Heavy Vehicles	Trucks (<5 tonne)	10	40	
	Trucks (5-10 tonne)	10	30	
	Trucks (>10 tonne)	10	40	
Heavy Plant	Brush Chippers	10	30	
	Graders	12	40	
	Loaders (Front End)	10	30	
	Road Brooms	15	25	
	Rollers (All Types)	20	10	
	Street Sweepers	15	30	
	Tractors	10	40	
Light Plant	Concrete Mixers	10	0	
	Forklifts	10	30	
	Generators (Trailer Mounted)	10	0	
	Linemarkers	10	15	
	Loaders (Skid Steer)	12	30	
	Motor Bikes/ATVs	12	30	
	Ride On Mowers	3	30	
	Portable Toilets	10	0	
	Post Hole Diggers	10	0	
	Slashers	10	30	
Trailers	Tipping Trailers	10	40	
	Linemarker	10	0	
	Single Axle Trailers	10	0	
	Tandem Axle Trailer	10	0	
Other Vehicles	Other Vehicles	Individually Determined		

*Note: The above useful lives and residuals are a guide only and each asset is determined individually upon purchase.*