

AGENDA

FOR ASSET MANAGEMENT SUB COMMITTEE MEETING TO BE HELD ON

10 JULY 2023 AT CONCLUSION OF THE ENVIRONMENTAL SUSTAINABILITY AND TREES SUB COMMITTEE

IN WITTBER & DR RUBY DAVY ROOMS, SALISBURY COMMUNITY HUB, 34 CHURCH STREET, SALISBURY

MEMBERS Cr A Graham (Chairman)

Mayor G Aldridge (ex officio) Deputy Mayor Cr C Buchanan

Cr D Hood Cr P Jensen

Cr S McKell (Deputy Chairman)

REQUIRED STAFF Chief Executive Officer, Mr J Harry

General Manager City Infrastructure, Mr J Devine General Manager Business Excellence, Mr C Mansueto

General Manager Community Development, Mrs A Pokoney Cramey

General Manager City Development, Ms M English

Manager Governance, Mr R Deco

APOLOGIES

LEAVE OF ABSENCE

PRESENTATION OF MINUTES

Presentation of the Minutes of the Asset Management Sub Committee Meeting held on 13 June 2023.

REPORTS

AMSC1	Future Reports for the Asset Management Sub Committee	. 7
AMSC2	Asset Management Improvement Plan - Update	Ç

MOTIONS ON NOTICE

There are no Motions on Notice

QUESTIONS ON NOTICE

There are no Questions on Notice

OTHER BUSINESS

(Motions without Notice, Questions Without Notice, CEO Updates)

CLOSE



MINUTES OF ASSET MANAGEMENT SUB COMMITTEE MEETING HELD IN THE LITTLE PARA CONFERENCE ROOMS, SALISBURY COMMUNITY HUB, 34 CHURCH STREET, SALISBURY ON

13 JUNE 2023

MEMBERS PRESENT

Deputy Mayor, Cr C Buchanan

Cr D Hood Cr P Jensen

Cr S McKell (Deputy Chairman)

OBSERVERS

Cr S Reardon

STAFF

Chief Executive Officer, Mr J Harry

General Manager City Infrastructure, Mr J Devine General Manager Business Excellence, Mr C Mansueto

General Manager Community Development, Mrs A Pokoney Cramey

General Manager City Development, Ms M English

Manager Governance, Mr R Deco

PA to General Manager Community Development, Ms S Howley

The meeting commenced at 7:24pm.

The Chairman welcomed the Elected Members, public and staff to the meeting.

APOLOGIES

Apologies have been received from Cr A Graham and Cr G Aldridge.

LEAVE OF ABSENCE

Nil

PRESENTATION OF MINUTES

Moved Cr D Hood Seconded Cr P Jensen

The Minutes of the Asset Management Sub Committee Meeting held on 08 May 2023, be taken as read and confirmed.

CARRIED Unanimously

REPORTS

AMSC1 Future Reports for the Asset Management Sub Committee

Moved Cr D Hood Seconded Cr P Jensen

That Council:

1. Notes the report.

CARRIED Unanimously

AMSC2 Strategic Asset Management Plan Update

Moved Cr D Hood Seconded Cr P Jensen

That Council:

- 1. Notes the result of the public consultation.
- 2. Adopts the revised 2023/24 Asset Management Improvement Plan as detailed in table of the report (Item AMSC2 Strategic Asset Management Plan Update Asset Management Sub Committee, 13 June 2023) for inclusion in the Strategic Asset Management Plan (SAMP).

CARRIED Unanimously

AMSC3 Kings Road – Update

Moved Cr C Buchanan Seconded Cr D Hood

That Council:

- 1. Notes Department for Infrastructure and Transport have identified King's Road for future road widening and upgrade. Administration is working with the Department to confirm timeframes and expected design outcome.
- 2. Notes the identified vegetation management for the tree screen as referenced in paragraphs 3.1 to 3.9 of the report (Item AMSC3 King Road Update Asset Management Sub Committee, 13 June 2023) and that these will be undertaken within existing budgets.
- 3. Notes that a further information report will be provided to the June 2023 Urban Services Committee relating to completed works to manage stormwater, further stormwater works that need to be undertaken and future investigations that will be undertaken to identify further improvements.
- 4. Notes that the existing service levels for road drainage systems is monitored with ongoing six-monthly maintenance and requests staff to undertake three-monthly maintenance and monitoring of the Kings Service Road Drainage System.

CARRIED Unanimously

MOTIONS ON NOTICE	
There were no Motions on Notice.	
QUESTIONS ON NOTICE	
There were no Questions on Notice.	
OTHER BUSINESS	
(Motions Without Notice, Questions Without Notice, CEO Updates)	
CLOSE	
The meeting closed at 7:32pm.	

CHAIRMAN....

ITEM AMSC1

ASSET MANAGEMENT SUB COMMITTEE

HEADING Future Reports for the Asset Management Sub Committee

AUTHOR Heather Prasad, PA to GM City Infrastructure, City Infrastructure

CITY PLAN LINKS 4.2 We deliver quality outcomes that meet the needs of our

community

SUMMARY This item details reports to be presented to the Asset Management

Sub Committee as a result of a previous Council resolution.

RECOMMENDATION

That Council:

1. Notes the report.

ATTACHMENTS

There are no attachments to this report.

1. BACKGROUND

- 1.1 A list of resolutions requiring a future report to Council is presented to each Sub Committee and standing committee for noting.
- 1.2 If reports have been deferred to a subsequent month, this will be indicated, along with a reason for the deferral.

2. CONSULTATION / COMMUNICATION

2.1 Nil.

3. REPORT

3.1 The following table outlines reports to be presented to the Asset Management Sub Committee as a result of a previous Council resolution:

Meeting - Item	Heading and Resolution	Officer
22/03/2021	Sustainable Verge Development	Jamie Hosking
	This report picks up the following reports and resolutions:	
	 22/03/2021 - 4.0.2-AMSC4 - Verge Maintenance Trial and Streetscape Improvement Program 8. A report on the outcomes of the Streetscape Improvement Program be submitted to Council in late 2023 after completion of the two-year trial. 	
	23/08/2021 - 4.0.3-AMSC3 - 2021/22 Street Tree Renewal Program, Streetscape Renewal Program, Verge Development Program and Verge Maintenance Trial 2. Approves that staff present a draft Resident Verge Incentive Scheme policy to the Asset Management Subcommittee in October 2021.	

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Item		
Due:	July 2023	
Deferred:	August 2023	
Reason:	Administration is working through ways to	
	consolidate, communicate, promote and incentivise	
	various initiatives relating to verge development and	
	will report back to Council with the proposed	
	framework.	
27/2/2023	Playspace Program	Jamie Hosking
AMSC-OB1	1. Requests that Administration bring back a report	
	to the March 2023 Asset Management Sub	
	Committee meeting detailing the current	
	Playspace program, including 4 years of proposed	
	works.	
Due:	Sept 2023	
25/10/2021	Motion on Notice: Playspaces Survey	Jamie Hosking
4.0.1-AMSC-	3. Approves that a further report be presented to	
MON1	Council on the selected engagement via the	
	Asset Management Sub Committee within nine	
	months, detailing the outcomes of the	
	engagement, including any recommendations on	
	how the feedback can be incorporated in future	
	play spaces.	
Due:	Sept 2023	
22/5/23	Golding Avenue, Para Vista	Jamie Hosking
AMSC-	1. Requests the Administration present a report	
MWON1	to the Asset Management Sub Committee	
	regarding:	
	a - the recommissioning of the lights at Golding	
	Avenue, Para Vista to extend the usage of the	
	area into the evening hours, and	
	b - a review of the current playspace elements.	
Due:	Oct 2023	
26/6/23	Ascot Drive Reserve, Paralowie - Playground	Jamia Haskina
20/0/23	Renewal	Janne Hosking
4.1.2		
	Management Sub Committee to include costings	
	to irrigate Ascot Drive Reserve.	
Due:	Aug 23	
Duci	11u5 23	

4. CONCLUSION / PROPOSAL

4.1 Future reports for the Asset Management Sub Committee have been reviewed and are presented to Council for noting.

ITEM AMSC2

ASSET MANAGEMENT SUB COMMITTEE

DATE 10 July 2023

HEADING Asset Management Improvement Plan - Update

AUTHORS Jamie Hosking, Team Leader Urban Built Assets, City

Infrastructure

Craig Johansen, Team Leader Natural Assets, City Infrastructure James Corletto, Team Leader Strategic Asset Management, City

Infrastructure

CITY PLAN LINKS 4.2 We deliver quality outcomes that meet the needs of our community

4.4 We plan effectively to address community needs and identify

new opportunities

SUMMARY This report follows on from the submission to Council on the

2023/24 Strategic Asset Management Plan (SAMP), which aligns to the Long-Term Financial Plan (LTFP). The SAMP as part of the Asset Management Improvement Plan gives an outline of the key asset classes to be reviewed, the process of review and more detail as to the timetable for the reviews. This report focuses on two of the next asset class priorities, being Pathways and Public Lighting.

RECOMMENDATION

That Council:

1. Adopts the hierarchy in the following table for the pathway asset class for the purpose of undertaking analysis on the level of service classes:

Location	Hierarchy
	High Profile
	Collector
Road	Industrial
	Residential
	Minor
	City Wide Trail / Shared Use Pathway
Reserve	Major Pathway
	Minor Pathway

- 2. Adopts the following criteria for level of service for pathways:
 - 2.1 Width
 - 2.2 Surface Finish Material
 - 2.3 Location
 - 2.4 Functionality (could be defined as usability including DDA)
 - 2.5 Lighting
 - 2.6 Signage
- 3. Adopts the hierarchy in the following table for the public lighting asset class for the undertaking of analysis on the level of service classes:

Location	Description
	Industrial Roads and Collector Roads
Road	Residential Roads
	Minor Roads
Sports field	Sports field Lighting - Sports Light – AFL - Sports Light – Baseball - Sports Light – Baseball - Sports Light – Baseball - Sports Light – BMX - Sports Light – Cricket - Sports Light - Lawn Bowls - Sports Light - Netball - Sports Light – Soccer - Sports Light – Tennis - Sports Light – Volleyball - Sports Light – Tennis - Sports Light – Tennis
Decorative	
Shared use paths	
Reserves – informal / passive	

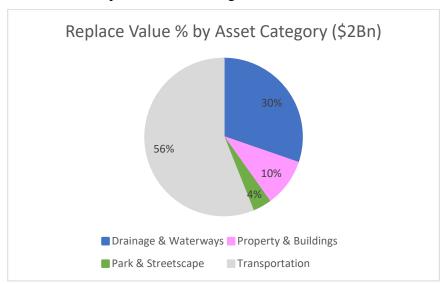
- 4. Adopts the following criteria for level of service for public lighting:
 - 4.1 Relevant Australian standards
 - 4.2 Pole type
 - 4.3 Environmental

ATTACHMENTS

There are no attachments to this report.

1. BACKGROUND

- 1.1 The Strategic Asset Management Plan (SAMP) is the mechanism for Council to undertake a review of levels of service and the effect on the financial forecasts to maintain \$2 billion worth of existing assets and services for the City.
- 1.2 The assets are broken up into the following classes:



Graph 1 – Replacement value of Council's assets by percentage

- 1.3 Council has a process to undertake an assessment of Community Based Service Levels as approved by Council in March 2022 (AMSC3, Strategic Asset Management Plan (SAMP) Reporting Schedule) which includes:
 - 1.3.1 Auditing and Valuation of an Asset Class
 - 1.3.2 Defining of Hierarchy for an Asset Class
 - 1.3.3 Defining the Criteria for assessment of the Assets by Hierarchy, which may include elements such as location, condition and age to determine renewal expenditure.
 - 1.3.4 These Hierarchy and Criteria are presented and discussed at the Asset Management Sub-Committee, then recommended for adoption by Council.
 - 1.3.5 The Hierarchy and Criteria are then modelled across the Asset Classes to determine the renewal expenditure to meet the Hierarchy and Criteria agreed to by Council.
 - 1.3.6 Often this can be a repetitive process to ensure that the Renewal Expenditure is sustainable, yet still meets the Community Based Levels of Service.
- 1.4 Council has approved a two-stage report process from which it can assess the Community Based Service Levels and resultant Renewal Expenditure for each of the asset classes assessed:

- 1.4.1 The first report will inform the Council of the existing adopted historical levels of service and associated cost drivers with respect to these levels of service and recommend a breakdown of each asset class, to enable clear decision making.
- 1.4.2 The second report will provide options considered for proposed service levels and associated budget implications particularly for the Long Term Financial Plan (LTFP). This report will make recommendations to Council for adoption of the levels of service for each of the key asset classes and associated renewal budgets.
- 1.5 Council formally reviewed four key asset classes (Roads, Drainage, Buildings and Playspaces) through 2022, adopting levels of service and associated financial forecasts.
- 1.6 The outcomes and expenditure from these reviews have been included in the 2023/24 SAMP document which was consulted in May 2023 and integrated within the City Plan and LTFP as part of the adopted Strategic Papers for 2023/2024.
- 1.7 Pathways and Public lighting have been identified in the SAMP as the next two asset classes that will be formally reviewed.
- 1.8 The information gained through this review will be used to inform the Budget Bid development for 2024/25, and inform the revised SAMP to be finalised as part of the 2024/25 strategic documents with Council.

2. CITY PLAN CRITICAL ACTION

2.1 The review of the SAMP is critical to enabling the Council to deliver on the 2035 City Plan Strategies.

3. CONSULTATION / COMMUNICATION

- 3.1 Internal
 - 3.1.1 Asset Managers and associated service providers

4. REPORT

Pathways

4.1 The Pathways asset class includes;

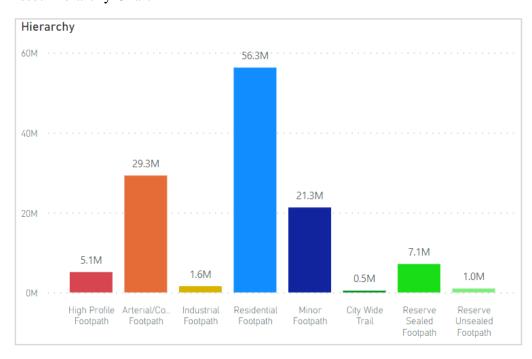
Туре	Description		
Footpath	Sealed path with the road corridor		
Sealed Path	Generally, with reserves and open space		
Unsealed Path	Generally, within reserves and open space Note, excludes unformalised tracks i.e. goat tracks		
Shared Use Path	Specifically designed for shared use, walk and cycling		
Kerb Ramp	Ramps to transition up/down kerbs.		

Page 12 Asset Management Sub Committee Agenda - 10 July 2023 4.2 Pathway Hierarchy and Level of Service (LoS)

The existing pathways service guidelines are as set out below:

Location	Hierarchy	Single/Both Side of street	Sealed	Width	Public Lighting	
	High Profile	Both Sides	Sealed Various material used	Min 1.5m	Lit as per road hierarchy	
	Collector	Both Sides Med maintenance intervention	Sealed Various material used	1.5 min 1.8 pref	Lit as per road hierarchy	
	Industrial	One Side (higher spec) Med/Low maintenance intervention	Sealed Various material used	1.5 min 1.8 pref	Lit as per road hierarchy	
Road	Residential	Min One Side, Both sides where appropriate (high use zones, schools, aged care, public transport connections etc) Low maintenance intervention	Sealed Various material used	1.2 min 1.5 pref	Lit as per road hierarchy	
	Minor	One side where appropriate, (high use zones, schools, aged care, public transport connections etc) Low maintenance intervention	Sealed Various material used	1.2 min 1.5 pref	Lit as per road hierarchy	
	City Wide Trail	NA	Sealed Typically bitumen. Shared use line marked	3m	Lit As per guidelines	
Reserve	Reserve Sealed	NA	Sealed Various material	1.2 min 1.5 pref	Unlit	
	Reserve Unsealed	NA	Unsealed Rubble	Varies	Unlit	

Asset Hierarchy Chart



Council's existing Footpath Policy also provides direction for the level of service;

Accessible: The ability to be accessed by all, and more specifically those with disabilities. In particular this requires that footpath provision includes pairs of accessible kerb ramps for access by pedestrians using various mobility aids and by people with children in prams or strollers. It means that the footpath network complies with the Disability Discrimination Act 1992 Section 23 'Access to Premises'. It also means that Universal Design principles are incorporated into footpath design.

The nominal minimum level of service for new footpath is for a 1.2 metres wide, block paved (concrete pavers) and constructed to at least industry practice. The level of service for maintenance of existing footpaths is based on a risk approach, with audit frequency and intervention levels set in the Asset Management Plan.

Where physically practical, Council will provide a footpath:

- a. On both sides of:
 - i. roads near schools, retirement villages, sports grounds and other public
 - ii. facilities being significant pedestrian generators; and roads with carriageways wider than 12 m or with central medians.
 - iii. roads abutting commercial or shopping areas
 - iv. bus routes:
 - v. local roads classified as primary collectors;
 - vi. arterial roads;
 - vii.cycling routes where bike lanes terminate.

- b. On one side of:
 - i. through Local roads, and on the same side of the road as street lighting where possible, and
 - ii. cul de sacs greater than 60 m long to the centre of the court bowl and 30 metres long to the centre of the court bowl for any new development.
- c. Within and around:
 - i. Key zones and precincts

Footpaths shall be constructed generally as follows:

- a. on arterial and primary collector roads a minimum footpath width of 1.5 metres with a preferred width of 1.8 metres where verge width permits.
- b. on local roads a minimum footpath width of 1.2 metres with a preferred width of 1.5 to 1.8 metres where verge width permits.
- c. Within and around key zones and precincts a minimum width of 1.5 metres with a preferred width of 1.8 metres.

4.3 Pathway Attributes

Asset Type	Useful Life (years)	Unit Rate Cost
Pathways – material dependant	5 -80	\$85m ² - \$220m ²
Kerb Ramps	50	\$1,600 - \$5,600 / ramp

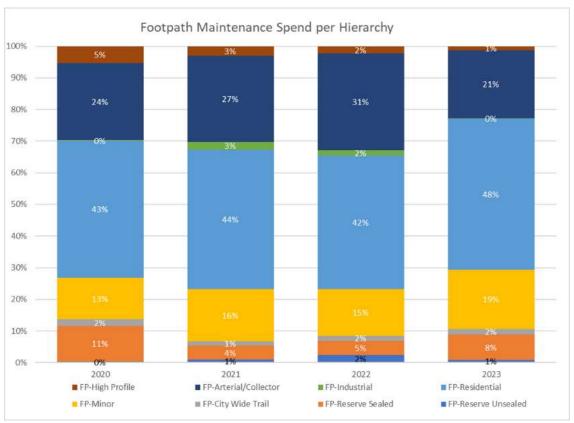
4.4 SAMP Pathway Renewal Budget

SAMP Budget	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33
Footpath & Kerb Renewal	160k	160k	800k	600k						
Bituminous Footpath Renewals	200k									
Total	360k	360k	1M	800k						

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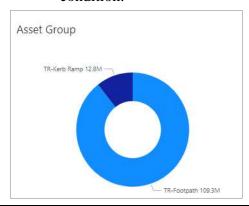
4.6 Footpath Maintenance Budget

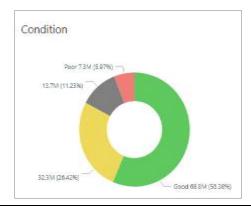
The Pathways annual maintenance budget currently totals \$685k. The graph details the maintenance spend by service level hierarchy.



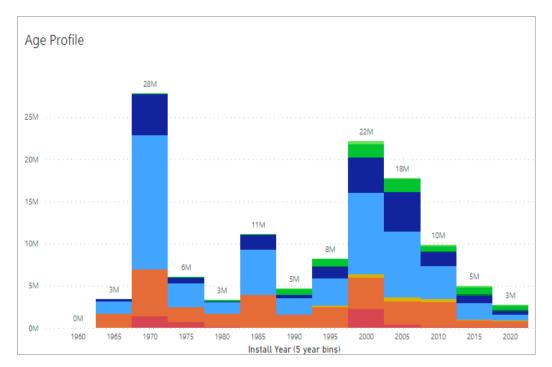
4.7 Current State of the Assets

- 4.7.1 Previous audits have been limited to fault identification, did not include a functional assessment, and the latest data is now outdated.
- 4.7.2 0% of assets assessed for function or alignment with Level of Service, particularly in regard to meeting requirements for DDA access i.e. longitudinal grade, cross fall or undulation.
- 4.7.3 There is no defined renewal program, current program is focused on fault repair.
- 4.7.4 Currently the asset class is undervalued financially and forecast renewal is not reflective of current market rates.
- 4.7.5 Audits continue to show that the general condition of our pathways with respect to material quality is good to fair, with only 6% being in poor condition.





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4.8 Current Actions

- 4.8.1 A complete audit of the pathway assets has recently been completed.
- 4.8.2 A revaluation of the current assets and current replacement cost, is currently underway.

4.9 Predictive Modelling

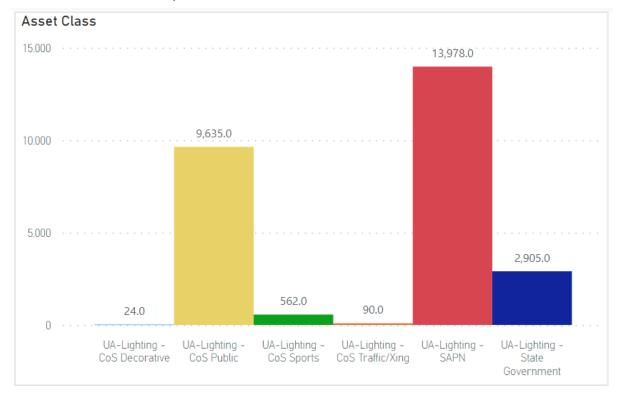
Modelling will include a number of different scenarios, and consider the financial forecasts to maintain the current level of service as set out in the Footpath Policy, and the level of service that will be provided if the existing financial forecasts as set out in the SAMP / LTFP are maintained.

Public Lighting

4.10 The Public Lighting asset class includes;

Туре	Description		
Street Lighting (SAPN)	Luminaire only, attached to third party infrastructure (generally SAPN). Recently upgraded through the LED rollout program. CoS responsible for the future renewal.		
Street Lighting (CoS)	Luminaire and pole, CoS responsible for both the luminaire and pole renewal, mostly within Mawson Lakes. Generally, not yet upgraded to LED.		
Street Lighting (State Govt)	Luminaire and pole, CoS only partially responsible for operating costs to cover energy use.		
Sports field Lighting	Luminaire and light towers for the provision of club-based sport		
Reserve lighting	Luminaire and pole within reserve and along shared use paths, also includes court lighting for community use courts		
Decorative lighting	Entry statement or feature lighting, various types and functions i.e. artwork lighting along John Street and inground lighting in front of Hub.		

Asset Class by Asset Count



4.11 Public Lighting Hierarchy and Level of Service (LoS)

The existing hierarchy, ownership and desired service level are provided in the table below.

Location	Description	Ownership	Service Level
	Industrial Roads and Collector Roads	Luminaire SAPN (CoS has ongoing responsibility for energy cost and renewal) Pole SAPN/DIT	Consistent with V3 as per AS1158
Road	Residential Roads	Luminaire SAPN (CoS has ongoing responsibility for energy cost and renewal) Luminaire and pole CoS	Consistent with P3 as per AS1158
	Minor Roads	Luminaire SAPN (CoS has ongoing responsibility for energy cost and renewal) Luminaire and pole CoS	Consistent with P4 as per AS1158

Location	Description	Ownership	Service Level			
	Shared use paths	Luminaire and pole CoS	Consistent with P3 as per AS1158			
	Decorative lighting	Luminaire and pole CoS	Various, no defined service level			
	Reserve lighting	Luminaire and pole CoS	Consistent with P3 as per AS1158 where applicable or no defined service level			
	Sports field Lighting	Luminaire and pole CoS Leased areas responsible for energy bills	As per below			
	Sports Light AEI		Competition Tier 1 200 Lux			
	- Sports Light - AFL		Competition Tier 2 150 Lux			
	- Sports Light - Athletics		Competition 200 Lux			
Reserve	- Sports Light - Baseball	Competition 300/500 Lux Outfield/infield				
	- Sports Light - BMX	Competition 200 Lux				
	- Sports Light - Cricket	Competition 300 Lux				
	- Sports Light - Lawn Bowls	Competition 200 Lux				
	- Sports Light - Netball		Training 100 Lux			
			Competition Tier 1 200 Lux			
	- Sports Light - Soccer		Competition Tier 2 100 Lux			
			Training 50 / 100 Lux			
	- Sports Light - Tennis		Competition 350 Lux			
	- Sports Light - Volleyball	Competition 150 Lux				

4.12 Public Lighting Attributes

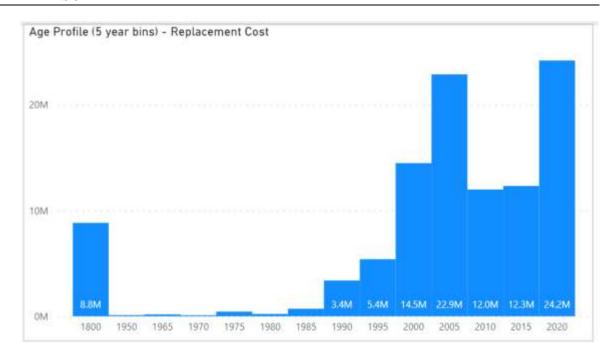
Asset Type	Useful Life (years)	Unit Rate Cost				
Public Light – Pole	60	\$10K (discrete asset)				
Public Light – Luminaire	20	\$5k (discrete asset)				
Sport Light – Pole	60	\$100k (per pole, 1 record per site)				
Sport Light – Luminaire	20	\$5k (per luminaire)				
Decorative Light	20	\$5k (discrete asset, cost highly variable)				
Reserve Light – Pole	20	\$10K (discrete asset)				
Reserve Light - Luminaire	60	\$5k (discrete asset)				

4.13 Forecast Capital Renewal

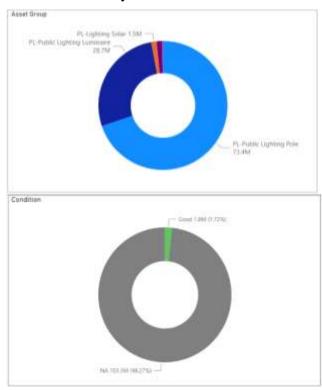
Budget	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33
Sports Lighting Renewal	\$350k	\$350k	\$400k	\$0	\$400k	\$400k	\$400k	\$400k	\$400k	\$400k
Public Lighting Renewal	\$450k									
Total	\$800k	\$800k	\$850k	\$450k	\$850k	\$850k	\$850k	\$850k	\$850k	\$850k

4.14 Current State of the Assets

- 85% of assets have not been recently assessed for condition.
- 0% of assets assessed for function or alignment with Level of Service.
- Class as a whole significantly undervalued, with many assets not financially valued; poles, cables and cabinets/meters not captured.
- Increasing costs to upgrade have not been accounted for, and in particular the required costs to augment SAPN infrastructure.



Condition Profile by Forecast Renewal Cost



4.15 Required Actions

- 4.15.1 Undertake audit to reset data for condition, function and attributes, including better understanding of the network capacity.
- 4.15.2 Complete revaluation to capture asset value and current replacement cost.
- 4.15.3 Review Level of Service, particularly for sport field lighting.
- 4.15.4 A tender is currently being evaluated to complete these actions; this is expected to commence in the coming months.

4.16 Modelling

Modelling will include a number of different scenarios and consider the financial forecast to maintain the current level of service, and the funding to meet the nominated level of service level with the current planned investment.

5. CONCLUSION / PROPOSAL

- 5.1 This is the first report in a two-stage process to inform the Council of the existing adopted or historical levels of service and current state of the assets and includes discussion on the current actions as part of the improvement process. The report includes a recommended asset hierarchy for both pathways and public lighting, and a set of criteria to assess service levels for each asset class.
- 5.2 The second report will provide a range of scenarios for each asset class comparing levels of service with required financial forecasts. This report will make recommendations to Council for adoption of the levels of service for each of the key asset classes and associated renewal financial forecasts.

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