



INTERIM STRATEGIC ASSET MANAGEMENT PLAN

2024-2034



City of **HOBART**

Acknowledgment of Country

In recognition of the deep history and culture of this place, the City of Hobart acknowledges Tasmanian Aboriginal people as the Traditional Custodians of this land. We acknowledge the determination and resilience of the Palawa people who have survived invasion and dispossession and continue to maintain their identity, culture and rights. We recognise that we have much to learn from

Aboriginal people today, who represent the world's oldest continuing culture. We pay our sincere respects to Elders past and present and to all Aboriginal people here today.

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Overview

The City of Hobart Strategic Asset Management Plan 2024 – 2034 (SAMP) outlines the assets owned and managed by the City and forecasts the funding required to maintain, renew and re-invest in the asset portfolio.

Along with the staff in the organisation, the City's assets assist with the provision of quality service delivery to the community. The SAMP identifies the operational and strategic requirements which will ensure the City manages assets across their life cycle in a financially sustainable manner. The SAMP quantifies the City's assets and the financial implications of holding such a diverse portfolio of assets.

The SAMP is designed to inform the Long-Term Financial Management Plan (LTFMP) by identifying the funding required over the life of the plan. The level of funding will incorporate knowledge of asset condition, risk assessment issues as well as the impact of interventions undertaken.

The City has not had a current SAMP for a number of years. This SAMP ensures the City meets its legislative requirements. This interim SAMP will undergo detailed review and enhancements during 2024-25.

Legislative Framework

The City of Hobart is required under section 70B of the *Local Government Act 1993* to prepare a long-term strategic asset management plan for the municipal area. The plan is to relate to all assets that are within a class of assets and is to be for a period of at least 10 years.

Under section 70B(4) of the *Local Government Act 1993*, a long-term strategic asset management plan for a municipal area is to –

- (a) be consistent with the strategic plan for the municipal area; and
- (b) refer to the long-term financial management plan for the municipal area; and
- (c) contain at least the matters that are specific in an order made under section 70F as required to be included in a long-term strategic asset management plan.

The *Local Government (Contents of Plans and Strategies) Order 2014* sets out what is required to be included in the long-term strategic asset management plan.

The *Local Government (Contents of Plans and Strategies) Order 2014* also requires the City to have a Asset Management Policy and Asset Management Strategy.

Planning Framework

The City of Hobart's Integrated Planning and Reporting Framework aligns annual planning and reporting with performance evaluation and continuous improvement.

The Integrated Planning and Reporting Framework also ensures that the Capital City Strategic Plan, LTFMP and SAMP are put into action through the City's Annual Plan and Annual Budget program.

The effectiveness of the strategic priorities, major actions and initiatives in the City's Annual Plan will be monitored through progress reports to the Council and through the City of Hobart Annual Report. The progress of the Capital City Strategic Plan will also be reviewed and evaluated annually.

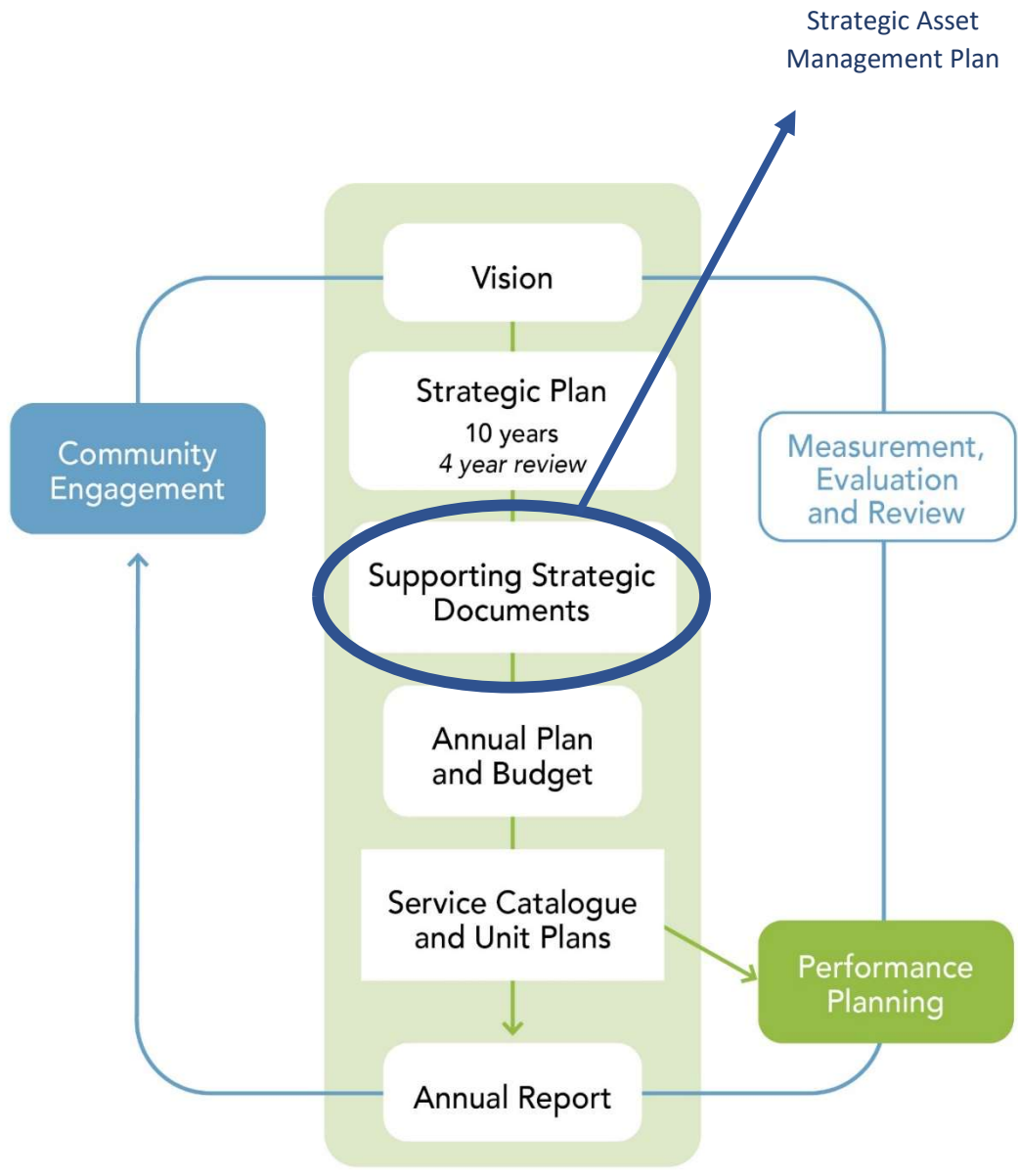
The City's Community Vision outlines what people value about Hobart and what they aspire to for its future. The vision guides the City of Hobart's work and calls on us to demonstrate long-term commitment to help create the Hobart our communities want.

The vision and its identity statements and pillars detail the values and special qualities that the community want to see reinforced, developed or improved and highlights the aspirations for the future of Hobart.

The vision is used to guide and direct the City's strategies, plans and priorities now and into the future. All strategic actions and programs are designed to deliver on the vision.

The SAMP is a fundamental supporting strategic document and sets out the City of Hobart's strategy to manage the wide variety of infrastructure assets across the municipality.

Figure 1 – Integrated Planning and Reporting Framework



Strategic Plan and Long-Term Financial Management Plan Integration

Integration to the City's Strategic Plan 2023 and the LTFMP is a requirement under the *Local Government Act 1993*.

The Strategic Plan 2023 is a partner document to the Community Vision and reflects the community's values and aspirations in *Hobart: A community vision for our island capital*. The strategy is crucial to the City's work, guiding the development of long-term strategies and plans to set priorities and guide practical decision-making.

The City of Hobart Long-Term Financial Management Plan 2023 – 2033 is a strategic planning document that activates the vision for Hobart to be the best small capital city in Australia. The LTFMP is informed by the contextual setting of the Tasmanian economic environment, financial assumptions, modelling and strategies, including the Strategic Plan and SAMP.

Financial Sustainability

The City's key financial management strategy is to ensure the financial sustainability of the organisation, through sound fiscal management. Financial sustainability will ensure the City can meet its public service requirements to the residents, businesses, and visitors of the capital city.

The SAMP is designed to inform the LTFMP by identifying the funding required over the life of the plan. The level of funding will incorporate knowledge of asset condition, the risk assessment issues as well as the impact of interventions undertaken.

The SAMP identifies the operational and strategic requirements which will ensure the City manages assets across their life cycle in a financially sustainable manner. The SAMP quantifies the City's assets and the financial implications of holding such a diverse portfolio of assets.

SAMP Limitations

The City is commencing a rebuild of its asset management function and capability. Detailed work will commence in 2024-25 and will focus on recruitment of key strategic personnel, reviewing the asset management systems and underlying data and ensuring each asset class has a detailed asset management plan that informs the SAMP.

Current Asset Management Challenges

In managing a diverse asset portfolio focussed on service delivery, there are a number of challenges currently faced by the City. These include:

- kunanyi/Mt Wellington infrastructure and governance;
- community need for new sporting infrastructure, particularly indoor courts;
- the need to increase our urban canopy to assist in managing climate change;
- implementation of the Neighbourhood Plans/Mobility Plans developed or being developed for urban renewal purposes;
- addressing our high cost of services as a Council;
- demand for new infrastructure such as bike lanes;
- the Council's administration building is require upgrade to provide a contemporary office environment;
- development of surplus land and assets; and
- determining futures for our developable sites, particularly within the central business district.

SAMP Improvement Plan

The City has identified the following areas for improvement in relation to asset management:

- Creation of an Assets Team within the structure, including key strategic roles to lead the work.
- Review of the useful lives of our assets.
- Review and documentation of the service levels for our assets.
- Review of the depreciation expense related to our assets.
- Consideration of climate change impact on our asset management.
- A review and consideration of the system that supports our asset management.
- Development of an Asset Management Strategy and Asset Management Policy.
- Development of a Property Portfolio Management Strategy, particularly for leased assets.

Our Assets

The City manages assets with a combined value at 30 June 2023 in excess of \$2.5 billion. These assets are strategically owned and managed to provide services and benefits to the community. The assets are managed by class and are categorised into the following groups:

Buildings:

The City owns and manages a number of building assets that are available and support our staff and the community. The building asset class consists of:

- Halls;
- Car Parks;
- Grandstands and Change Rooms;
- Public Conveniences;
- Depot Buildings;
- Administrative Offices; and
- The Doone Kennedy Hobart Aquatic Centre.

Land Improvements:

The City has a number of land improvement assets that has made areas of land more useable to the community. The land improvement asset class is a diverse range of asset types that do not fall under any other asset class. This asset class consists of:

- Playground Equipment;
- Sporting Infrastructure;
- Fountains;
- Landscaping;
- Furniture and Signs;
- Drainage Structures; and
- External Playing Surfaces.

Pathways and Cycleways:

The City has an extensive network of pathways and cycleways. These are managed and maintained to ensure users can move around the City in a safe manner. This asset class also includes walking tracks, including those on Kūnyani/Mount Wellington. The City manages approximately 465 kilometres of pathways and cycleways and approximately 150 kilometres of walking tracks.

Stormwater:

The stormwater asset network is designed to provide drainage service and flood mitigation responsibilities for the municipal area. To deliver these services, the City manages a portfolio of stormwater infrastructure assets including an underground pipe network and a series of overland flow paths and watercourses together providing drainage, flood protection to people, property and road users during rainfall events, public and environmental amenity.

Roads and Bridges:

The City maintains an extensive roads and bridges network. This asset class includes approximately 305 kilometres of both sealed and unsealed roads.

Plant and Equipment:

The City owns and maintains plant and equipment used in providing services to the community. This asset class includes:

- Heavy Plant and Equipment;
- Fleet;
- Minor Plant;
- Furniture and Office Equipment; and
- ICT Equipment.

Other Property

Other property consists of Fine Arts and Public Art.

Asset Useful Lives

The useful live of an asset is an accounting estimate of the number of years an asset is likely to be used in the City's operations. This is important as an asset is depreciated over its useful live. The useful live considers factors such as wear and tear, maintenance and the likelihood of scrapping, selling or abandonment of the asset. The City of Hobart uses a range of useful lives for different asset classes as shown in Table 1.

Table 1: Asset Useful Lives

Asset Class	Asset Sub-class	Range of Useful Lives (Years)	Valuation model
Land	Under roads	Unlimited	Fair value
	Freehold	Unlimited	Fair value
	Leasehold	Unlimited	Fair value
	Vested	Unlimited	Fair value
	Other	Unlimited	Fair value
Buildings	Halls	125 -150	Fair value
	Car Parks	150	Fair value
	Grandstands and change rooms	40 – 150	Fair value
	Public conveniences	100	Fair value
	Depot buildings	40 – 150	Fair value
	Administrative offices	100 – 500	Fair value
	Other	40 – 150	Fair value
Land Improvements	Landscaping	10	Fair value
	Playground equipment	20	Fair value
	Sports Infrastructure	10 - 50	Fair value
	Fountains	10 - 100	Fair value
	Furniture and signs	10 - 100	Fair value
	Drainage structures	15 - 100	Fair value
	External playing surfaces	5 - 100	Fair value
	Other	5 - 100	Fair value
Pathways & Cycleways	Footpaths and cycleways	10 – 85	Fair value
	Walking tracks	25	Fair value
Stormwater	Water Mains	50 - 100	Fair value
	Stormwater Mains	25 – 120	Fair value
	Rivulets	30 -120	Fair value
Plant & Equipment	Heavy plant and equipment	5 – 20	Cost
	Fleet vehicles	3 – 10	Cost
	Minor plant	3 – 43	Cost
	Furniture and office equipment	2 – 40	Cost
	ICT equipment	2 – 10	Cost
Roads & Bridges	Sealed roads	12 – 150	Fair value
	Bridges	20 - 100	Fair value
	Kerb and gutters	10 - 100	Fair value

Table 1: Asset Useful Lives (continued)

Asset Class	Asset Sub-class	Range of Useful Lives (Years)	Valuation model
Other property	Fine Arts	100	Fair value
	Public Art	15 - 30	Fair value
	Monuments & statues	30 - 50	Fair value
Intangible Assets	Software	7	Cost
	Valuation Roll	6	Cost
Leased Assets	Leased assets	The shorter of the useful life and the lease term	Cost

Asset Base

The City of Hobart has a significant infrastructure asset portfolio. The current written down value of the asset base is \$2.5 billion. The split between the different asset categories as at 30 June 2023 is as follows:

Table 2: Asset Category Written Down Value

Asset Category	Fair Value	Accumulated Depreciation	Written Down Value
	\$'000	\$'000	\$'000
Land	1,436,154	....	1,436,154
Land Improvements	265,333	121,339	143,994
Buildings	360,798	141,807	218,991
Pathways and Cycleways	229,384	119,202	110,182
Stormwater	381,769	152,961	228,808
Roads and Bridges	512,878	191,571	321,307
Plant and Equipment ¹	50,572	32,234	18,338
Other Property	3,647	....	3,647
Total	3,240,535	759,114	2,481,421

Note 1: Plant and Equipment is measured at cost rather than fair value.

Asset Condition

Infrastructure assets owned by the City are generally considered to be in reasonable condition. While the age and condition of individual assets within each asset class varies, consistent asset renewal and maintenance over a long period of time has ensured that the overall asset base is in good condition. The asset base is considered appropriate for the current service delivery levels.

Ongoing condition audits and assessments provide up to date information on the asset base which enables the remaining life to be updated regularly. Assets condition is measured using a condition grading assessment that applies a consistent approach to report asset performance that enables effective decision making around assets.

Table 3 details the condition grading system implemented by the City.

Table 3: Condition Grading System

Condition Grading	Rating	Description
1	Very Good	Free of defects, only planned and/or routine maintenance required
2	Good	Minor defects, increasing maintenance required plus planned maintenance
3	Fair	Defects requiring regular and/or significant maintenance to reinstate service
4	Poor	Significant defects, higher order cost intervention likely
5	Very Poor	Physically unsound and/or beyond rehabilitation, immediate action required

Table 4 provides a summary of the asset condition in the form of the service potential remaining in each asset class.

Table 4: Remaining Service Potential as at 30 June 2023

Asset Category	Remaining Service Potential
	%
Land Improvements	54.3
Buildings	60.7
Pathways and Cycleways	48.0
Stormwater	59.9
Roads and Bridges	62.7
Plant and Equipment	36.3
Average	53.7

The City monitors the condition of all its assets on an ongoing basis and responds accordingly, particularly when issues arise.

Climate Change

The City's assets operate in a dynamic environment and are exposed to climate risks which could impact service delivery or cause damage to historical, cultural and heritage assets. Climate change risk is an integral part of the organisation's asset management capability otherwise the impacts of climate change could lead to:

- Greater risk of asset failures, including reduced levels of performance and greater service disruption;
- Increased costs associated with managing these risks and continuing to meet required levels of service;
- Reputational damage due to asset failures or lack of action to reduce emissions; and
- Access barriers due to extreme weather events.

It will be critical for the City to embed climate change in asset management practices moving forward. The impact of climate change will be more fully considered and assessed in future SAMPs.

Future Demand

The City's fundamental role is to provide services to the community. There are many factors that affect future demand for assets, including: population change; demographic changes; seasonal factors; community expectations; economic conditions; and climate change. Future demand for assets may be for improved existing assets or for new assets.

Financial Projections

The financial projections in Table 5 are for a period of 10 years and have been provided by the relevant asset managers. The projected financials demonstrate that the greatest investment over the 10-year period will be in the renewal of existing assets. The investment in asset renewals ranges from 82 per cent to 98 percent over the period.

The financials will be continually developed and refined as work continues to rebuild the asset management function and capability.

Table 5: Proposed 10 Year Capital Works Program

Asset Class	Capital Program Type	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35
		\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Plant and Equipment	Renewal	3,300	2,053	2,747	3,678	2,799	2,543	3,347	4,477	3,564	3,230	3,777
	Upgrade	100	....	....	....	....	....	....	....	....	....	....
	New	100	....	....	....	....	....	....	....	....	....	....
Plant and Equipment Total		3,500	2,053	2,747	3,678	2,799	2,543	3,347	4,477	3,564	3,230	3,777
Buildings	Renewal	2,235	10,380	8,802	3,599	3,599	4,793	3,453	3,597	4,174	3,144	2,715
	Upgrade	2,000	....	....	....	....	....	....	....	....	....	....
	New	150	....	....	....	....	....	....	....	....	....	....
Building Total		4,385	10,380	8,802	3,599	3,599	4,793	3,453	3,597	4,174	3,144	2,715
Land Improvements	Renewal	2,512	5,625	6,441	4,381	7,621	6,363	6,484	6,861	6,413	6,824	6,806
	Upgrade	931	1,559	436	669	372	905	376	378	369	370	372
	New	4,613	1,387	1,171	1,218	737	3,090	1,083	498	325	196	218
Land Improvements Total		8,056	8,571	8,048	6,268	8,730	10,358	7,943	7,737	7,107	7,390	7,396
Stormwater	Renewal	3,082	1,145	999	450	1,234	1,093	1,108	10,557	12,183	13,582	13,973
	Upgrade	....	....	130	1,900	....	....	....	....	....	....	....
	New	600	900	844	350	....	....	....	....	....	....	....
Stormwater Total		3,682	2,045	1,973	2,700	1,234	1,093	1,108	10,557	12,183	13,582	13,973
Roads and Bridges - including Pathways and Cycleways	Renewal	9,409	10,580	11,608	12,395	15,470	11,784	11,784	11,784	11,784	11,784	11,784
	Upgrade	666	1,150	1,325	396	320	....	....	....	....	....	....
	New	340	60	60	60	60	60	....	....	....	....	....
Roads and Bridges Total		10,415	11,790	12,993	12,851	15,850	11,844	11,784	11,784	11,784	11,784	11,784
Other Property	Renewal	....	....	....	....	....	....	....	....	....	....	....
	Upgrade	....	....	....	....	....	....	....	....	....	....	....
	New	30	100	100	100	100	100	100	100	100	100	100
Other Property Total		30	100	100	100	100	100	100	100	100	100	100
Total Capital Program	Renewal	20,538	29,783	30,597	24,503	30,723	26,576	26,176	37,276	38,118	38,564	39,055
	Upgrade	3,697	2,709	1,891	2,965	692	905	376	378	369	370	372
	New	5,833	2,447	2,175	1,728	897	3,250	1,183	598	425	296	318
Capital Program Total		30,068	34,939	34,663	29,196	32,312	30,731	27,735	38,252	38,912	39,230	39,745

Note: The total Capital Program excludes potential carry forwards from 2023-24.

Conclusion

Asset Management Plans are the first critical step towards an integrated asset management program for the City of Hobart's diverse asset portfolio.

The City is rebuilding its asset management function and capability and there will be continuous improvements to both the strategy and operations over the coming years. This continuous improvement work will include asset management practices, financial forecasts for informing the Long-Term Financial Management Plan and budget allocations to ensure a fit for purpose asset portfolio and contemporary asset management practices to ensure ongoing and reliable service provision to staff and the community.

Appendix 1 – Building Assets

Asset Description

The City of Hobart’s building assets comprises the following building types:

- Administrative Offices
- Aquatic Centre
- Change & Club Rooms
- Grandstands
- Community Halls
- Multi-story Car Parks
- Public Conveniences
- Residences
- Retail Buildings
- Depot buildings
- Sheds, Frames and Large Shelters

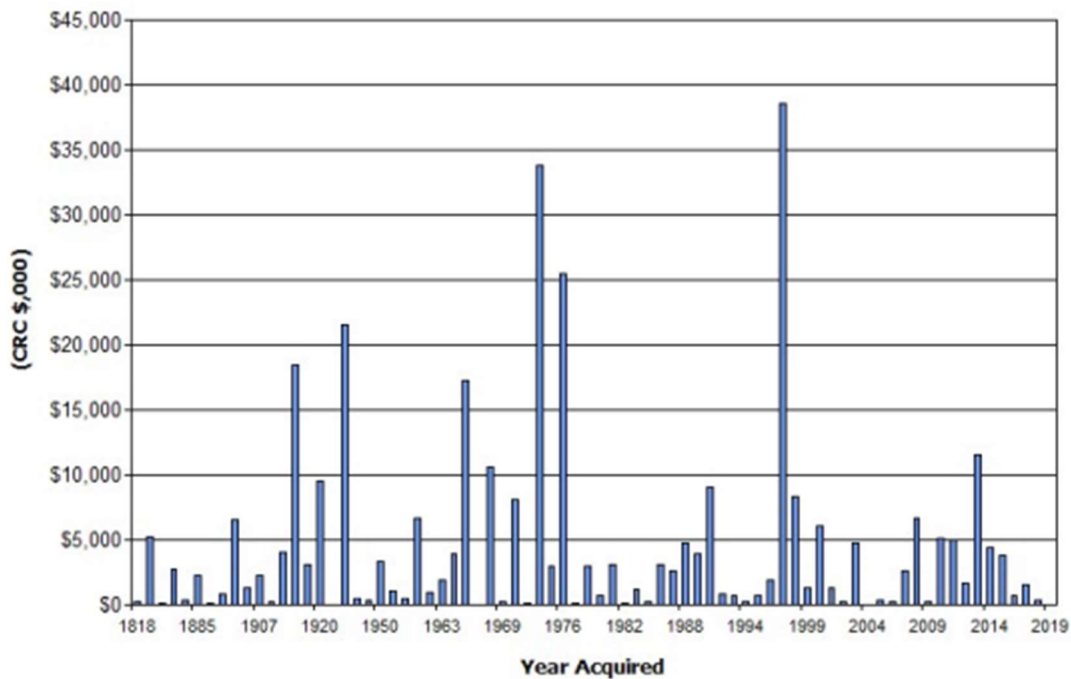
In total there are around 350 building structures with a total renewal value estimated to be approximately \$300 million.

These buildings provide a broad range of community services, including:

- Administration
- Emergency evacuation centres and shelters
- Aquatic and gym activities
- Sporting
- Halls
- Commercial and non-commercial leases
- Off-street car parking
- Public conveniences
- Retail
- Operational support
- Parks and bushland

Age Profile

The following graph demonstrates the age profile of the building assets. There are a number of buildings that were constructed in the 1800s and early 1900s and some of these are heritage listed buildings.



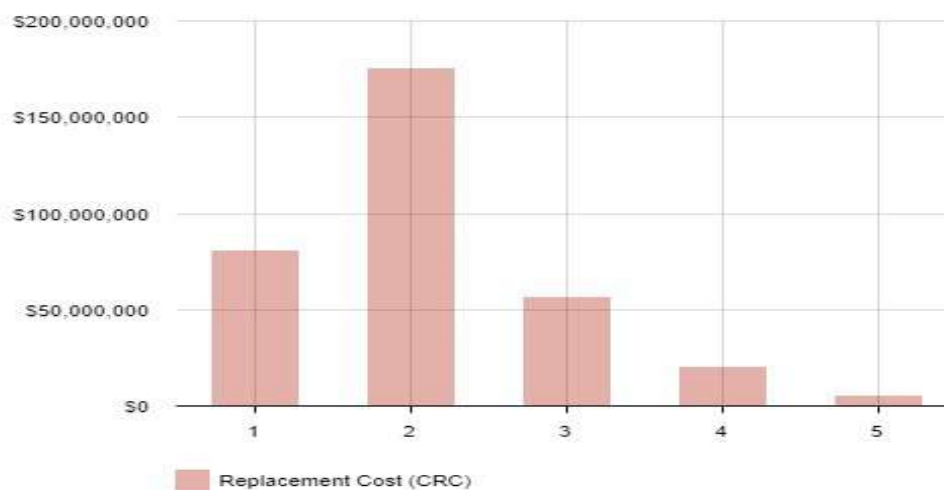
Condition Summary

Building conditions are monitored on a regular basis and is measured using the 1 – 5 grading system.

Inspections are prioritised based on the highest, hierarchy ranked, buildings and condition grades. The most recent inspections were undertaken by external specialists. Condition data from these inspections is then stored in the asset management system.

Not all buildings are regularly programmed for condition inspections. Many buildings have a low building hierarchy score, are not planned for renewal, or are leased and maintained by community groups, or have a low risk.

The following graph (July 2020) outlines the asset condition profile of the City’s Building assets:



The buildings that are in condition 5 are either at, or approaching, the end of their service life.

Renewal Summary

Renewal is major capital work which does not significantly alter the original service provided by the asset, but restores, rehabilitates, replaces, or renews an existing asset to its original service potential. Work over and above restoring an asset to original service potential is considered to be an acquisition resulting in additional future operations and maintenance costs.

Assets requiring renewal are identified from one of two approaches in the lifecycle model:

- The first method uses Asset Register data to project the renewal costs (current replacement cost) and renewal timing (acquisition year plus updated useful life to determine the renewal year), or
- The second method uses an alternative approach to estimate the timing and cost of forecast renewal work (i.e. condition modelling system, staff judgement, average network renewals, renewal in conjunction with upgrades).

Building renewal costs for the next 10 years have been forecast and detailed in Table 5.

Maintenance Summary

Buildings require both operating and maintenance activities to meet level of service expectations.

Operations include regular activities to provide services, examples of typical operational activities are cleaning, utility costs and painting.

Maintenance includes all actions necessary for retaining an asset as near as practicable to an appropriate service condition including regular ongoing day-to-day work necessary to keep assets operating. Examples of typical maintenance activities include gutter repairs, electrical works, and HVAC maintenance.

The annual building maintenance budget for 2023-24 is detailed below:

Building Maintenance	Amount
	\$'000
General (Painting, Carpentry, Lifts, HVAC, Fire)	811
Electricity	410
Plumbing	261
Services (Water, Sewerage, Comms, Misc)	65
Hygienic Services	56
Electrical maintenance	50
Civil & Structural works	25
Asbestos Removal	4
Building Safety Compliance	2
Total	1,684

Buildings Summary

The City has a broad portfolio of building assets which provide numerous services including office accommodation, public facilities, change rooms, depots, sporting facilities, multi-storey carparks, and retail buildings which provide community services throughout the municipality.

There are a number of buildings and building assets that require renewal and partial renewal. These works will be prioritised and funded through City's Capital Works Program.

Projected annual maintenance costs are forecast to remain consistent at approximately \$1.7 million per annum.

Appendix 2 – Roads and Bridges Assets

Asset Description

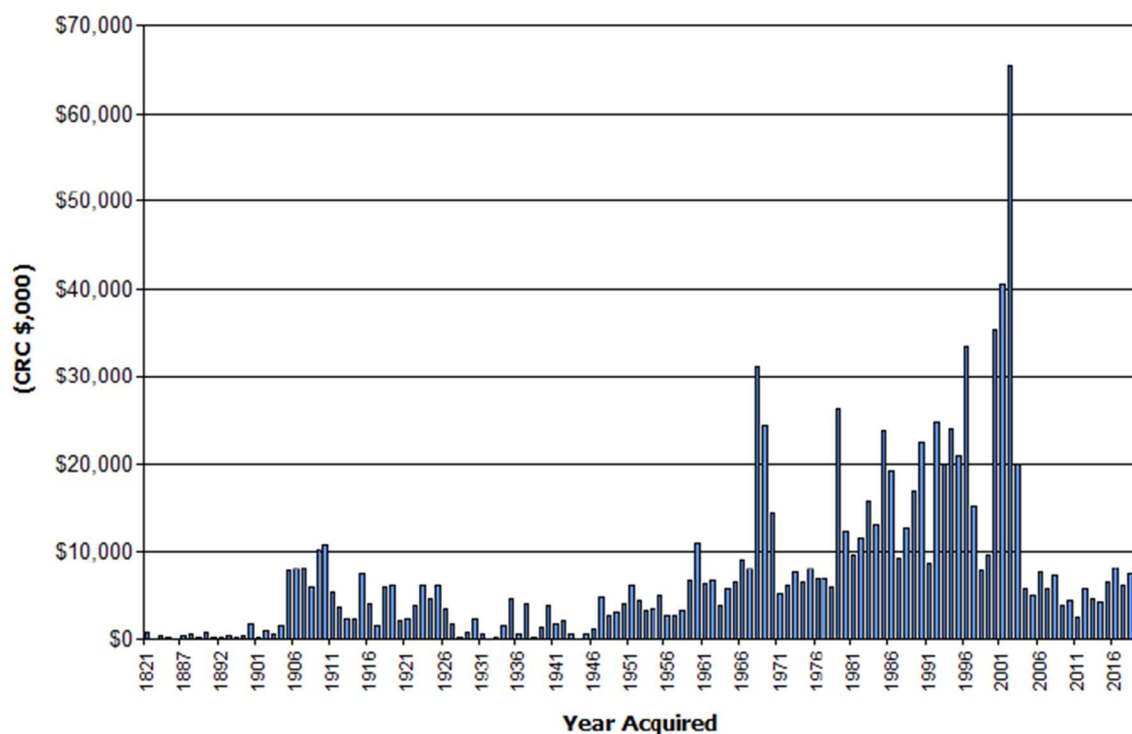
The City's Road and Bridges asset portfolio includes a variety of elements, such as road pavements, pedestrian infrastructure like footpaths, street furniture, and structural components such as bridges and retaining walls. The prioritisation of these assets is determined by their usage and location, establishing a hierarchical structure.

Effective asset management relies on comprehensive data for the organisation's asset portfolio. Essential information, such as age, value, condition, performance, and risk, coupled with robust data integrity, enables informed decision-making for both short and long-term asset management strategies.

The City's Road and Bridges asset portfolio is designed to facilitate safe and efficient movement for both vehicular and pedestrian traffic. Asset information is centralised within the integrated asset management system, categorising road assets based on their functional roles and attributes.

Age Profile

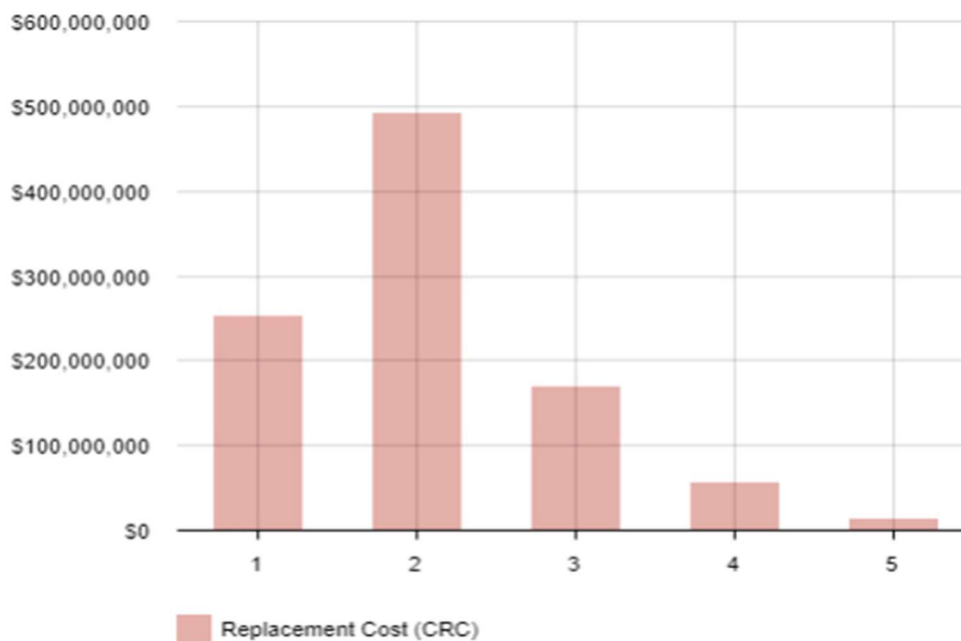
The following graph demonstrates the age profile for the road and bridge assets. The profile reflects the year in which the asset first came into service, noting that upgrades and renewals have occurred over this time.



Condition Summary

The council conducts routine condition assessments of its road and bridge assets, following industry reference documents to ensure consistency in evaluation. This approach enables accurate identification of capital works needs and supports informed decision-making for efficient asset management.

The following graph (December 2020) outlines the asset condition profile of the City's Roads and Bridges assets:



The condition profile of the Roads and Bridges asset is generally favourable.

Renewal Summary

The City's Capital Works Program for Roads & Bridges mainly focuses primarily on asset renewals, guided by routine condition assessments. Occasionally, new or upgraded assets are also integrated into the program, allowing the City to address emerging needs while maintaining existing infrastructure.

The Capital Works Program uses information such as the road hierarchy, to inform its prioritisation.

Maintenance Summary

Maintenance involves addressing minor defects like pothole patching, edge-break repairs, minor kerb maintenance, or footpath grinding. In addition, other assets such as retaining walls, linemarking and street furniture also requires maintenance. These actions aim to ensure the safety and operational functionality of the City's road and bridge assets without necessarily aiming to enhance their overall condition. Typically, these defects must meet the

thresholds stipulated by the City’s adopted level of service before maintenance works are undertaken.

The annual maintenance budget for Roads and Bridges assets in 2022-23 is \$2.4 million.

Road Maintenance	Amount
	\$'000
Road surface and pavement	1,154
Tree associated repairs	263
Road signage	225
Street furniture	213
Asphalt footpaths	154
Gravel roads	135
Kerb and gutter	75
Guide posts, fences, guard rail	58
Concrete footpaths	37
Retaining walls	30
Public safety works	25
Road surface drainage	19
Linemarking	7
Wet weather response	5
Total	2,400

Roads and Bridges Summary

In its commitment to serving the community, the City oversees an integrated network of Roads and Bridges infrastructure, essential for meeting the diverse transportation needs of pedestrians, cyclists, and motorists within the municipal area. This network plays a fundamental role in ensuring connectivity and accessibility, key factors in fostering well-serviced communities. Currently, the overall condition of the network is deemed to be in good condition, with the assets effectively providing the necessary level of service required by the community.

Appendix 3 – Stormwater Assets

Asset Description

The stormwater asset network is designed to provide drainage service and flood mitigation responsibilities for the municipal area. To deliver these services, the City manages a portfolio of stormwater infrastructure assets including an underground pipe network and a series of overland flow paths and watercourses together providing drainage, flood protection to people, property and road users during rainfall events, public and environmental amenity.

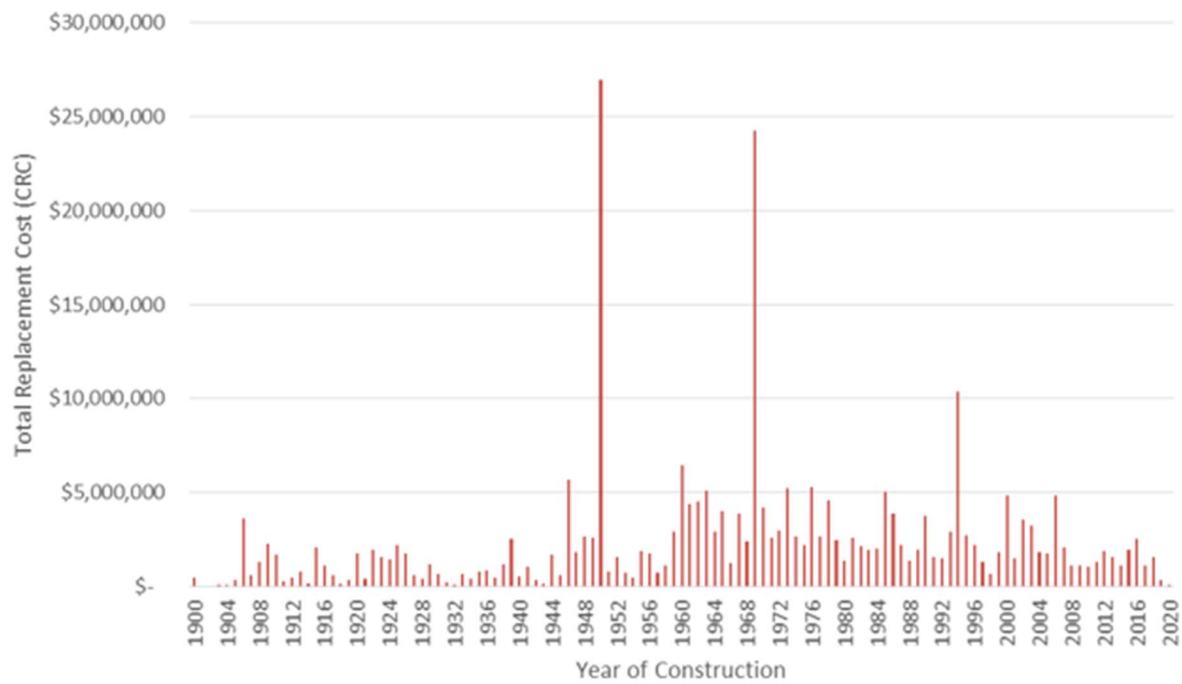
The SAMP provides how the services are to be provided and what funds are required over the 10-year period.

The stormwater network comprises:

Asset Category	Dimension
Pipe - Concrete DN300 and smaller	168km
Pipe - Concrete DN450 - DN900	71km
Pipe - Concrete DN1050 and larger	14km
Pipe - PVC/Other	77km
Rivulet - Enclosed (Hobart CBD)	2km
Rivulet - Lined	1km
Rivulet - Natural	68km ²
Rivulet - Retaining Wall	3.9km ²
Property Connections	7,003 items
Debris and Pollutant Capture Devices	561 items
Other	8,135 items

Age Profile

The following graph shows the age profile of the stormwater assets. The original stormwater network was constructed at the beginning of the 1900s, with a large peak in construction from the late 1940s to the late 1960s.

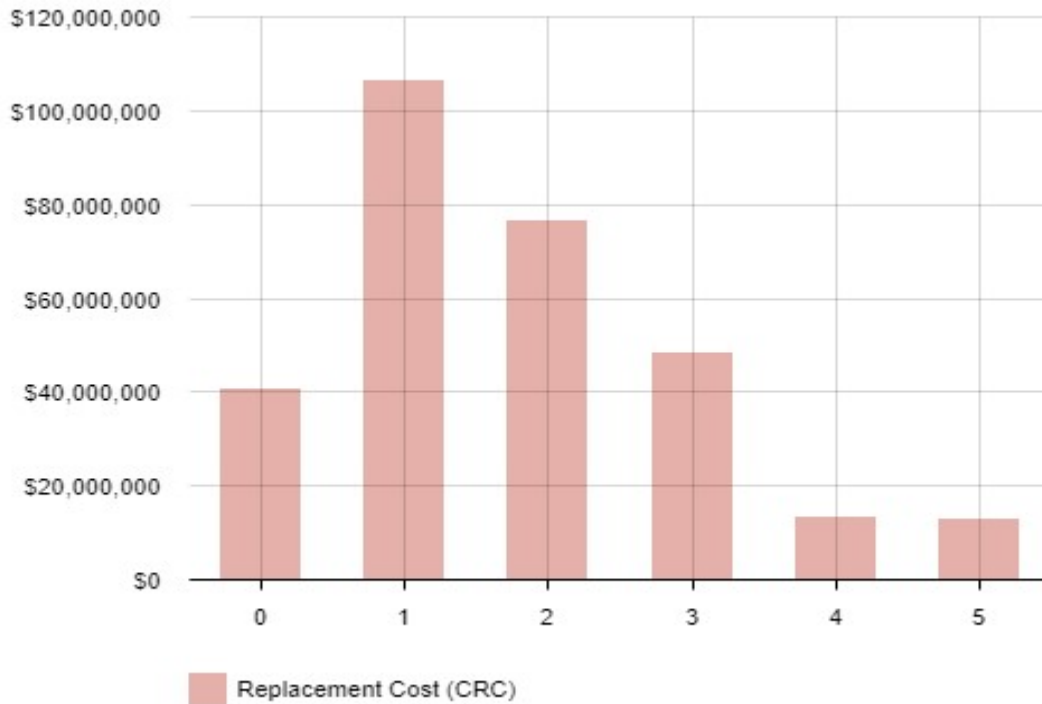


Condition Summary

Stormwater assets are generally longlife assets, are mostly hidden and used in every rainfall event. Stormwater assets provide service during every rainfall event and are generally well functioning in their capacity to manage regular nuisance flows.

Heavy rainfall is managed through a combination of the minor, below ground network and the major overland flow network, including our Rivulets, roads and other drainage paths. Our major stormwater network (overland conveyance) is less well understood than our below ground drainage network, however, the City is continuing to build this dataset to ensure reliable information is available to be responsive to the management of this critical asset category.

The following graph (July 2021) outlines the asset condition profile of the City’s Stormwater assets:



Levels of Service

The City provides the following stormwater services and activities are prioritised based on safety:

- Provision of underground drainage infrastructure to manage urban stormwater flows;
- Facilitation of stormwater connection for the discharge of private drainage;
- Planning and mitigation of flood events;
- Environmental actions to support water ecological elements and reduce pollutant transfer; and
- Management and protection of urban waterways and open drainage channels.

Maintenance Summary

Proactive maintenance programs are required to prevent blockages in pipes and inlets, collapse of pipes and/or trenches and minimise contaminated outflows.

The annual Stormwater maintenance budget for 2023-24 is detailed below:

Stormwater Maintenance	Amount
	\$'000
Stormwater reticulation maintenance	301
Stormwater responsive maintenance	173
Waterways inspections and maintenance	59
Stormwater inlet maintenance	37
Sewer pump maintenance	28
Stormwater connections	25
Fountain maintenance	22
Miscellaneous works	<u>12</u>
Total	<u><u>657</u></u>

[Stormwater Assets Summary](#)

The City has a fully developed stormwater network which provides stormwater management and flood mitigation for the municipality. Wherever possible, stormwater renewal projects are linked with associated roads and bridges projects to minimise disruptions and inconveniences to the community.