Appendix A:

2024 State of the Local Infrastructure Report

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Land Acknowledgement

The City of Brampton is located on the traditional territories of the Mississaugas of the Credit, Haudenosaunee, and Wendat Nations who have called this land home since time immemorial. We acknowledge the agreements made in Treaty 19—the Ajetance Purchase of 1818—and are committed to our ongoing role in reconciliation through meaningful action rooted in truth, justice, and respect. We are grateful to the original caretakers of this land who have ensured we are able to work, play, and live in Brampton now and in the future.

The City of Brampton has formally adopted the Truth and Reconciliation Commission's Calls to Action; the United Nations Declaration on the Rights of Indigenous Peoples; the National Inquiry into Missing and Murdered Indigenous Women and Girls, and 2SLGBTQIA+ Peoples' Calls to Justice. Through a nation-to-nation approach with our host Nations and urban Indigenous community, the City will utilize the recommendations for municipalities within these reports and frameworks to guide its work of increasing awareness, building capacity, and collaborating on solutions.

The City's relationships with the Indigenous community contribute to the continuing creation of processes for reconciliation that drive economic recovery, social development, and cultural inclusion of the Indigenous community. The City honours the uniqueness of Indigenous knowledge, histories, and traditions, and recognizes their importance in building and supporting an inclusive, successful, innovative, and brighter future for Brampton.

Staff Acknowledgement

The development of the 2024 State of the Local Infrastructure Report was a significant undertaking with contributions from staff across the organization. The Corporate Asset Management Office would like to acknowledge the efforts of the City of Brampton staff and sincerely thank everyone, including the Subject Matter Experts from the City's service areas, for their continued support and guidance throughout the development of this report.

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Key Acronyms & Abbreviations

AM	Asset Management
AMP	Asset Management Plan
CAM	Corporate Asset Management
CAPEX	Capital Expenditures
CIP	Capital Investment Program
City	The City of Brampton
CLOS	Current Levels of Service
CMMS	Computerized Maintenance Management System
CRV	Current Replacement Value
DC	Development Charges
EUL	Expected Useful Life
FIR	Financial Information Return
LC	Lifecycle
LOS	Levels of Service
OPEX	Operating Expenditures
O&M	Operations and Maintenance
PSAB	Public Sector Accounting Board
PLOS	Proposed Levels of Service
PM	Project Management
PMIS	Project Management Information System
QA	Quality Assurances
QC	Quality Control
SA	Service Area
SLA	Service Level Agreement
SOP	Standard Operating Procedure
SOLI	State of Local Infrastructure
SW	Stormwater

Introduction

As the fourth largest City in the province, and one of the fastest growing communities in Ontario, the City of Brampton owns and operates a substantial portfolio of assets across different service areas. These assets are essential to the well-being of the community and form an integral part of the City's long-term financial and service delivery planning.

In recent years, the City has adopted a Corporate Asset Management Plan (2021) and Service Area Asset Management Plan (2024). Most recently, the City approved the asset management plan for its Transportation and Stormwater infrastructure in 2025. These documents form the foundation of asset management planning in the City. This 2024 State of the Local Infrastructure (SOLI) Report maintains most of the key assumptions and methodology derived through the Corporate and Service Area plans.

The 2024 Service Area Asset Management Plan[1] (SA AMP) and subsequent Transportation and Stormwater AMP's included an in depth look at lifecycle activities to determine the true cost of an asset over its useful life. The SA AMP was approved by Council in June 2024 with the Transportation and Stormwater AMP receiving approval in June 2025. Given the recent release of these studies and the continued relevance of their financing strategy sections, this information is omitted from the 2024 SOLI Report.

The 2024 SOLI Report acts a supporting document to the City's budgeting process and provides an overview of the following:

- **Asset Management Maturity Assessment:** The overall maturity of the City's asset management data and program.
- **State of the Local Infrastructure:** Estimated age, value and condition of the City's infrastructure.
- **Future Improvements:** An overview of the future improvements and initiatives that will improve data quality and confidence while driving corporate change.

The estimated total current replacement value of the City's assets is $11.6 billion ($2025). This value is comprised of infrastructure assets from Transportation, Stormwater, Transit, Parks, Recreation, Cultural Services, Facilities, Information Technology, Fire Services, Library, Animal Services and City Support Fleet. Transportation and Stormwater represent the largest share at 66%, or $7.7 billion of the total $11.6 billion replacement value. The total asset replacement value identified in this report represents an increase in value of $1.6 billion, or 16%, over the $10.0 billion ($2024) City-wide asset replacement value stated in the 2023 SOLI Report. This increase is due to refined costing information and inflation, revised inventories and the inclusion of new assets not captured previously. Particularly, with the completion of the 2025 Stormwater AMP, this infrastructure was more closely examined and the infrastructure value has increased substantially by $1.4 billion and about 75% from the 2023 SOLI Report. Therefore, the stormwater service area is the driving factor behind the cumulative $1.6 billion increase in overall asset value from the 2023 SOLI. While the change in asset value for stormwater is notable, the City proactively manages this infrastructure through a dedicated stormwater levy ensuring the long-term sustainability of these assets. A comprehensive description, and comparative analysis regarding the change in valuation from the previous year for each

[1] 2024 Service Area Asset Management Plan

service category, is in the service area report cards in Appendix A of this report.

The majority of the $11.6 billion in assets currently owned and operated by the City are in Good condition. The overall “Good” condition rating is attributed to the City’s infrastructure being relatively new in age combined with the sound asset management practices the City has employed to date. The current City-wide confidence for the information presented in this report for investment related decision-making is assessed as **Medium (Inspection Based)**. It is an overall goal to improve the reliability and accuracy of all information moving forward.

Asset Management Maturity Assessment

The 2024 SA AMP provided an in-depth analysis of the City's asset management maturity on a service area basis. This assessment is still relevant to this 2024 SOLI Report. The results of this assessment are to further inform the Asset Management Roadmap and guide the City towards best practices in asset management. The assessment considered the following categories:

a) Understanding and Defining the Requirements

b) Developing Asset Management Lifecycle Strategies

c) Asset Management Enablers

Each of these categories is further broken down into specific elements (16 total across all 3 categories) that make up the overall maturity assessment.

Assessment of Overall Asset Management Programs

Figure 1 below provides a snapshot of the progress and overall maturity of the City's asset management program as included in the 2024 SA AMP. This assessment was done on a service area basis. However, a number of the elements apply on a corporate level and were scored as such.

Transportation and Stormwater were not included as part of this analysis and their independent maturity assessments are provided in their respective 2025 plans.

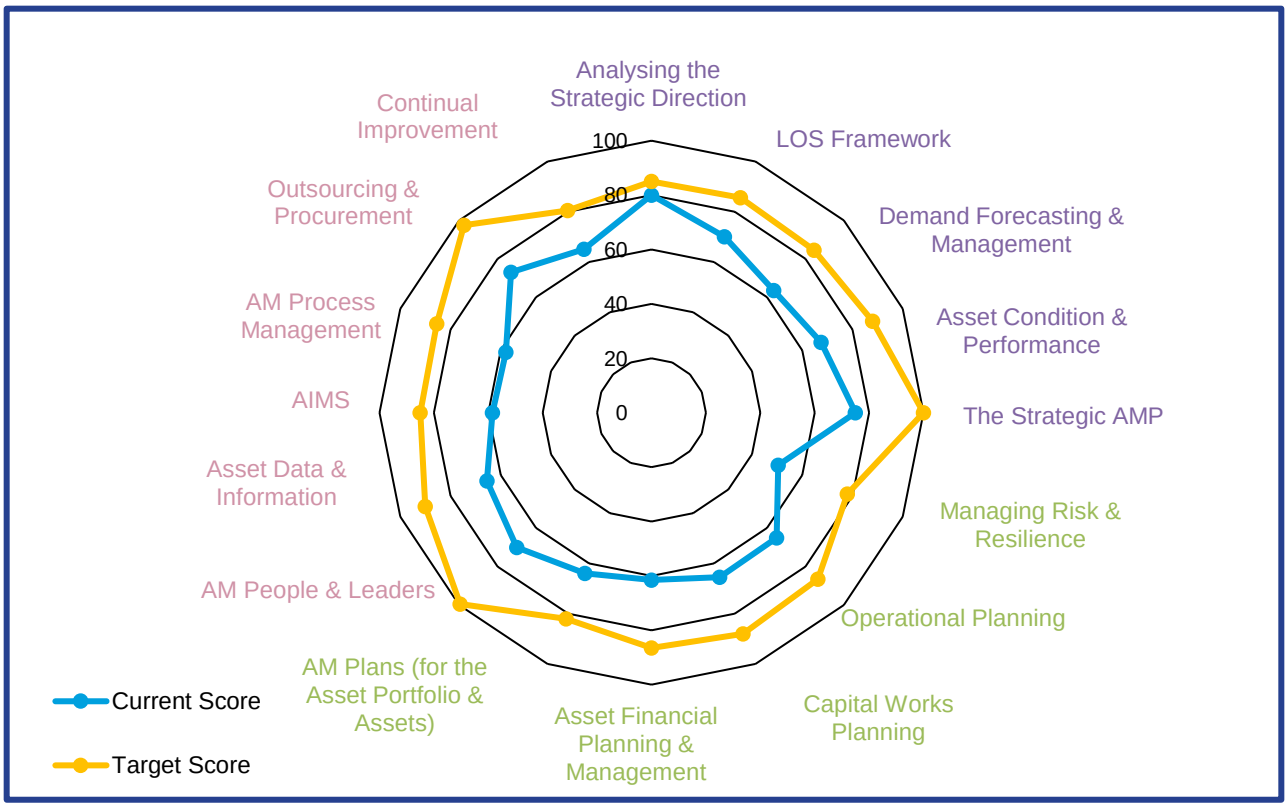
The radar graph below provides two maturity assessment scorings:

a) **Current Score –** Several activities undertaken as part of the SA AMP further elevated the maturity of some elements. An updated score that captures those advancements is provided.

b) **Target Score –** Target scores are generally set two maturity levels above the current score to be achieved in the next 5 years. Further adjustments were made to account for the reasonability of meeting these scores.

On an aggregate level, the overall current maturity score is at an "Intermediate" level. The target score across all service areas is to achieve an "Advanced" stage on average in the next 5 years. It is recognized that the organization will seldom have perfect processes and data with which to manage the asset portfolio. The underlying concept of continuous improvement and reliability is key, and the basis in setting out target scores to strive for in the near future.

Figure 1 – Asset Management Maturity Radar Graph by Element

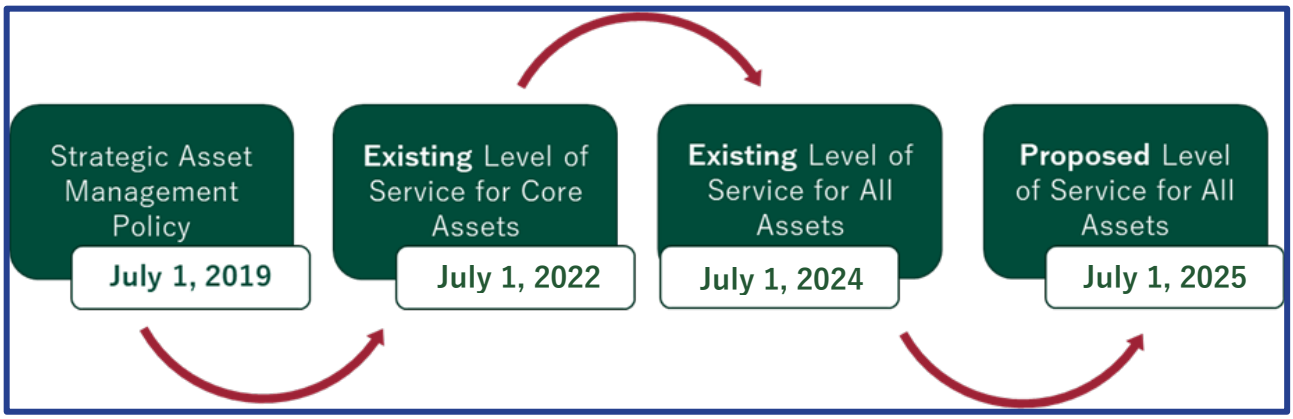


O.Reg. 588/17: Asset Management Planning for Municipal Infrastructure

Asset management planning is an essential framework for municipalities to ensure proper infrastructure management in the most sustainable way over the long term. The proclamation of *The Infrastructure for Jobs and Prosperity Act, 2015* on May 1, 2016 includes an authority for the province to regulate municipal asset management planning. Municipal asset management planning Regulation *O. Reg. 588/17* under the *Infrastructure for Jobs and Prosperity Act, 2015* came into effect on January 1, 2018. Building on Ontario's 2012 Building Together: Guide for Municipal Asset Management Plans, the Regulation sets out new requirements for undertaking asset management planning. The Regulation promotes continuous improvement in infrastructure asset management planning.

The City of Brampton has developed comprehensive Asset Management Plans in multiple phases (2022-2025) that includes inventory of all assets it owns, incorporates the current and proposed levels of service, identifies investment activities and costs to maintain current service levels and to provide proposed Levels of Service, and a supporting financial strategy. Figure 2 presents the milestones the City has achieved as prescribed in the Regulation:

Figure 2 –Ontario Regulation 588/17 Requirements

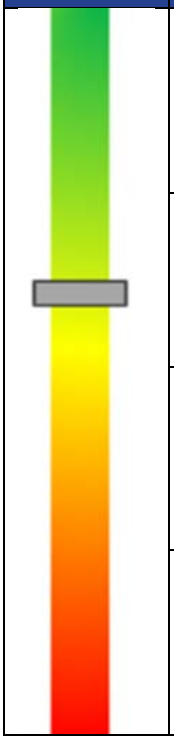


The annual SOLI report has been an integral part of informing the asset management plans the City has undertaken in recent years (including the 2021 Corporate AMP, 2024 Service Area AMP, and the 2025 Transportation and Stormwater AMPs). As per the regulation, starting in 2026, municipalities shall conduct an annual review of their asset management progress on or before July 1 of each year. This annual review must address the municipality's progress in implementing its AMP, any factors impeding the municipality's ability to implement its AMP, and strategies to address these factors. The annual SOLI report will serve as the City's tool for meeting these future requirements.

Approach to Informed Decision Making

To achieve the objectives of asset management planning, the City utilizes various types of assessments to optimize resource allocation, reduce risks and ensure the efficient and effective management of their diverse portfolio of assets. The data confidence scale outlined in Table 1 defines the various measures used to qualify the accuracy and reliability of the information used to develop this report. The assessment of conditions is a key component in determining actual State of Good Repair and the projection of investment needs for asset repair and replacement.

Table 1 – Data Confidence Rating Scale

Scale	Confidence rating	Assessment Approach	Data Quality Description
	High Confidence	Risk based assessment based on comprehensive data including inspection-based condition where feasible and risk assessment	Robust data, extensive analysis, and rigorous validation. There is a high degree of certainty in the results, and they are considered highly reliable.
	Medium Confidence	Inspection-based assessments	Reasonably strong data and analysis but may have some limitations or uncertainties. The results are credible but not without some degree of risk or uncertainty.
	Low Confidence	Age based assessment not accounting for variations in asset performance.	The assessment has significant limitations or uncertainties, and there may be gaps in data or methodology. The results are less reliable and should be interpreted with caution.
	Very Low Confidence	Age based assessment without sufficient records and requiring validation	The assessment is highly unreliable, lacks sufficient data or analysis, or is subject to significant flaws or biases. The results should be viewed skeptically and may not be suitable for decision-making

Note: Slider indicates the City of Brampton's position on the confidence rating scale (Medium)

The choice of assessment depends on the type of asset. This SOLI report implemented the following condition assessment methodologies:

- **Facilities** – Facility Condition Index
- **Roads** – Pavement Condition Index
- **Bridges** – Bridge Condition Index
- **Software and Some Other IT Assets** – Adequate functionality to provide service
- **All Other Assets** – Age and Condition Based Assessment

The following provide a description of the different approaches used:

a) Age-Based Assessment: Relies on the assumption that asset conditions deteriorate with time, and their remaining lifespan estimated based on their age.

Application: Organizations often use age-based assessments as an initial step to establish a baseline understanding of asset conditions. This approach is particularly relevant for assets with well-documented deterioration patterns, allowing organizations to forecast future maintenance and replacement needs where inspection costs outweigh the benefit of actual condition data.

b) Inspection-Based Assessment: Involves regular inspections and data collection to assess an asset's current condition, identify maintenance requirements and guide asset management decisions.

Application: Provide up-to-date data on asset conditions that are crucial in targeting and performing lifecycle activities at the right time. Organizations employ this approach to manage assets with variable deterioration rates and to monitor asset health continuously.

c) **Risk-Based Assessment:** Focus on identifying

and managing assets that pose the highest risk assets to an organization, considering factors such as criticality, operational impact, safety and financial implications.
Application: Used to prioritize resources and efforts toward assets with the greatest potential impact on safety, service delivery and financial sustainability. This approach ensures the application of resources where needed most.

The current City-wide data confidence to use the information presented in this report for investment related decision-making is assessed as **Medium (Inspection Based)**, as indicated on the scale in Table 1. Based on the weighted replacement value of all services and their condition assessments, 77% of assets have utilized inspection-based assessments.

For certain asset classes, inspection programs with full condition assessments are not feasible and these assets will continue to use an age-based approach. Therefore, the City is currently targeting a maturity rating where the condition rating of 95% of assets are based on inspection assessments. Over the long-term, the City will move towards the use of risk-based assessments to prioritize resources and efforts toward assets with the greatest potential impact on safety, service delivery and financial sustainability. Table 2 below provides a detailed outline of the assessment of each service category's assets. Please note the basis of the assets classified on inspection are in some instances subject to the input received from individual service area experts.

Table 2 – Condition Assessment Approach

Service Area [1]	% of Asset Portfolio [2]	Age	Inspection	Risk
Transportation	**38.84%**	✓	✓	
Roads (Includes Islands)	*20.99%*		✓	
Vertical Traffic Calming Devices	*0.01%*	✓		
Bike Lanes	*0.06%*	✓		
Roadway Bridges & Pedestrian Bridges	*4.20%*		✓	
Roadway Culverts	*4.72%*		✓	
Gateway Features	*0.14%*		✓	
Noise Walls	*0.20%*		✓	
Retaining Walls on Walkways	*0.24%*		✓	
Fences	*0.12%*		✓	
Guiderails	*0.20%*		✓	
Handrails	*0.01%*		✓	
Steps	*0.01%*		✓	
Sidewalks	*3.54%*		✓	
Walkways	*0.07%*		✓	
Multi-Use Paths	*0.18%*		✓	
Street Lighting	*3.06%*	✓	✓	
Traffic Signals	*1.07%*	✓	✓	
Traffic Signs	*0.01%*		✓	
Stormwater	**27.44%**	✓	✓	
Wet Ponds	*2.32%*		✓	
Dry Ponds	*0.14%*		✓	
Wetland	*0.00%*		✓	
Infiltration Basin	*0.02%*		✓	
Compensation Wetland	*0.00%*	*N/A*		
Floating Treatment Wetland	*0.00%*	*N/A*		
Cooling Trench	*0.00%*	✓		
FDC-WTC	*1.82%*	✓		
Storm Sewers	*14.12%*	✓	✓	
Catchbasins	*2.00%*	✓		
Manholes	*2.31%*	✓		
FDC-WTC Manholes	*0.33%*	✓		
Outfalls	*0.04%*	✓		
Water Quality Units	*0.07%*	✓		
Minor Crossing	*0.03%*	✓		
Roadside	*0.11%*	✓		
Other Culverts	*0.05%*	✓		
Ditches	*0.26%*		✓	
Cooling Trench	*0.01%*	✓		
Infiltration Trench	*0.00%*	✓		
Detention Chamber	*0.00%*	✓		
Stormwater Tree Trench	*0.01%*	✓		
Infiltration Chamber	*0.00%*	✓		

Service Area [1]	% of Asset Portfolio [2]	Age	Inspection	Risk
Stormwater Harvesting Chamber	*0.00%*	✓		
Bioretention	*0.01%*	✓		
Lakes	*0.31%*		✓	
Wetlands	*0.61%*		✓	
Watercourses	*2.86%*		✓	
Facilities	**16.03%**		**✓**	
Facilities	*16.03%*	✓	✓	
Transit	**6.95%**	**✓**	**✓**	
Heavy Duty Vehicles (Buses)	*5.66%*	✓	✓	
Support Fleet	*0.02%*	✓		
Shelters - Conventional	*0.07%*	✓	✓	
Shelters - Zum	*0.34%*	✓		
Shelters - Bike	*0.003%*	✓		
Stops	*0.17%*		✓	
Sandalwood Transit Loop	*0.01%*		✓	
Video Walls	*0.001%*		✓	
CAD/AVL	*0.01%*		✓	
Identification Card Application Hardware	*0.0003%*		✓	
Bus Lift	*0.24%*		✓	
Communication Control	*0.16%*	✓		
Fare Systems	*0.10%*		✓	
Presto	*0.06%*	✓		
Maintenance/Admin Small Equipment	*0.01%*		✓	
Signage	*0.02%*		✓	
Fueling	*0.01%*		✓	
Electric Chargers	*0.07%*		✓	
Information Technology	**1.85%**	**✓**	**✓**	
Computers	*0.07%*	✓		
Monitors	*0.01%*	✓		
Mobile Phones	*0.01%*	✓		
Audio Visual Equipment	*0.013%*	✓		
Servers	*0.03%*		✓	
Storage And Back-Up	*0.06%*	✓		
Wireless	*0.02%*	✓		
Cable Plants	*0.32%*	✓		
Network Infrastructure	*0.06%*	✓		
Communication System	*0.04%*	✓		
Software	*1.21%*		✓	
City Support Fleet	**0.60%**	**✓**	**✓**	
Licensed Fleet	*0.40%*	✓	✓	
Off-Road Vehicles	*0.18%*	✓		
Fleet Equipment	*0.021%*	✓		
Fire	**0.74%**	**✓**	**✓**	
Light Duty Front Line Licensed Vehicles & Apparatus	*0.22%*	✓	✓	

Service Area [1]	% of Asset Portfolio [2]	Age	Inspection	Risk
Heavy Duty Front Line Licensed Vehicles & Apparatus	*0.31%*	✓	✓	
Support Vehicles & Equipment	*0.03%*	✓	✓	
Spare Vehicles	*0.14%*	✓	✓	
Personal Fire Equipment	*0.04%*		✓	
Specialty Equipment	*0.01%*		✓	
Parks	**6.60%**	✓	✓	
Parking Lots & Islands	*0.53%*		✓	
Small Engine Equipment	*0.004%*		✓	
Parks	*0.94%*	✓		
Natural Heritage Lands	*0.00%*	*N/A*		
Park Furnishing	*0.04%*		✓	
Playgrounds	*1.03%*		✓	
Shade Structures	*0.42%*		✓	
Splash Pads & Outdoor Pools	*0.04%*		✓	
Fitness Equipment	*0.02%*		✓	
Skate Parks	*0.02%*		✓	
Sports Facilities	*1.36%*	✓	✓	
Pathways	*0.79%*		✓	
Trees	*1.38%*		✓	
Flower Beds	*0.04%*	✓		
Recreation	**0.59%**	✓	✓	
General Equipment	*0.14%*	✓		
Major Equipment	*0.07%*	✓	✓	
Spray Pads & Pools	*0.06%*		✓	
Tennis Courts	*0.02%*	✓		
Fitness Equipment	*0.04%*		✓	
Outdoor Fitness Equipment	*0.002%*		✓	
Skateboard Parks	*0.03%*		✓	
Artificial Rinks & Tracks	*0.10%*		✓	
Furniture	*0.12%*	✓		
Cultural Services	**0.17%**		✓	
Outdoor Equipment	*0.04%*		✓	
Specialty Equipment	*0.07%*		✓	
Furniture	*0.001%*		✓	
Public Art	*0.05%*		✓	
Library	**0.19%**	✓	✓	
Computer Equipment	*0.02%*	✓		
Furniture	*0.03%*	✓	✓	
RFID	*0.003%*	✓		
Security	*0.001%*	✓		
Shelving	*0.009%*	✓		
Telecommunications Equipment	*0.001%*	✓		
Electronic Media	*0.01%*	✓	✓	
Print Media	*0.10%*	✓	✓	

Service Area [1]	% of Asset Portfolio [2]	Age	Inspection	Risk
Library Software	*0.004%*		✓	
Animal Services	**0.003%**		✓	
Equipment	*0.003%*		✓	
Note 1: Services are structured under the responsibility view *Note 2: Numbers may not add precisely due to rounding*				

State of the Local Infrastructure (SOLI)

Purpose

This section of the report seeks to establish an understanding of the current state of Brampton's estimated $11.6 billion ($2025) in infrastructure assets. The basis of the estimated valuation is an inventory of capital assets as of year-end 2024. This baseline snapshot of Brampton's assets will help decision-makers prioritize investments in the future; improving their ability to efficiently manage assets and deliver services.

The State of Local Infrastructure (SOLI) report is a key building block for Brampton's future management of its infrastructure assets. This section intends to provide the following information:

- Details of the Asset Inventory – What do we own?
- Valuation of the Asset Base (Replacement Value) – What is it worth?
- Condition of the Asset Base – What Condition is it in?

This State of the Local Infrastructure analysis will lay the foundation for ongoing assessment, reporting, benchmarking of the City's infrastructure assets while also publicly communicating the current state of assets. In this iteration of the report, the focus was on the "major service areas", described generally, as the infrastructure owned and directly managed by the City. However, this report does include assets managed by Brampton Library, which is a governing board with the authority to make policy and govern the Library's affairs under the authority of the Public Libraries Act.

Despite the major service area categories being consistent with the 2021 Corporate AMP, 2024 Service Area AMP and previous iterations of the SOLI Reports, the City has made significant improvements to the datasets, key inputs, assumptions, and reporting views. Please note that updates to the replacement values will continue in future years with recent data that reflects the cost pressures experienced by the City.

City-wide Asset Representation: User View and Responsibility View

Since the 2021 Corporate Asset Management Plan, the state of the City infrastructure has been reported under two different asset representation perspectives: a "Responsibility View" and a "User View" representation. These two views are defined as follows:

- **Responsibility View:** Shows the assets under the service area that is responsible for managing the capital needs.
- **User View:** Shows the assets under the service area that is using them.

To remain consistent, the responsibility and user view is also illustrated in this 2024 SOLI report. The responsibility view:

- provides a direct line of sight to those assets managed by the service area;
- will help prioritize lifecycle activities managed by the service area;
- aligns with industry best practices; and

- provides guidance to future asset management planning practice and departmental initiatives.

The most notable difference between the responsibility view and the user view becomes evident when considering Facilities, City Support Fleet and Software. These assets play a pivotal role in service delivery and are managed by a department distinct from those utilizing them. As it pertains to facility related assets, Facilities Operations and Maintenance (FOM) maintains the facilities for some Service areas, while others maintain their respective facilities. Large scale capital is still undertaken by the City's Building Design and Construction (BDC) group. As a result, these facilities are represented under the "User View" framework.

The table below goes through each service area's assets and their Current Replacement Value (CRV), detailing the differences in reporting based on these two views (differences highlighted in grey). The assets related to certain corporate functions, which are managed by specific service areas but benefit different users within the organization, are individually identified in the table below under the "User View". As illustrated in the total replacement value below, both views result in the same valuation of $11.6 billion:

Table 3 – Replacement Value Comparison (Assets Under User View and Responsibility View)

Service Area	Assets Under Responsibility View		Assets Under User View	
	Asset Type	CRV ($M)	Asset Type	CRV ($M)
Transportation	Roadway Network*	$2,441.8	Roadway Network*	$2,441.8
	Structures (Bridges & Culverts)	$1,034.7	Structures (Bridges & Culverts)	$1,034.7
	Structures (Other)**	$107.4	Structures (Other)**	$107.4
	Walkways & Paths	$438.9	Walkways & Paths	$438.9
	Traffic Services	$480.3	Traffic Services	$480.3
			Operations Facilities	$102.0
			Fleet	$24.6
			Software	$10.9
Total Transportation		*$4,503.2*		*$4,640.8*
* Roadway network includes roads, bike lanes, and vertical traffic calming devices ** Structures (Other) includes gateway features, noise walls, retaining walls, fences, guiderails, handrails and steps				
Stormwater	Stormwater Management Ponds	$287.0	Stormwater Management Ponds	$287.0
	Storm Sewer Systems - Linear KMs	$1,848.6	Storm Sewer Systems - Linear KMs	$1,848.6
	Storm Sewer Systems - MH/CB/Outfalls	$544.1	Storm Sewer Systems - MH/CB/Outfalls	$544.1
	Water Quality Units	$7.7	Water Quality Units	$7.7
	Culverts	$21.1	Culverts	$21.1
	Ditches	$30.0	Ditches	$30.0
	LIDs	$3.8	LIDS	$3.8
	Lakes	$36.3	Lakes	$36.3
	Wetlands	$71.3	Wetlands	$71.3
	Watercourses	$331.5	Watercourses	$331.5
Total Stormwater		*$3,181.5*		*$3,181.5*
Facilities	Corporate Facilities	$396.8	Fleet	$2.6
	Animal Services	$11.4	Software	$5.3
	Cultural Services	$103.2		
	Recreation	$761.5		
	Parks	$23.3		
	Transit	$196.5		
	Library	$104.6		
	Fire	$159.9		

Service Area	Assets Under Responsibility View		Assets Under User View	
	Asset Type	CRV ($M)	Asset Type	CRV ($M)
	Work Operations	$102.0		
Total Facilities		*$1,859.1*		*$7.9*
Transit	Licensed Vehicle Assets	$658.9	Licensed Vehicle Assets	$658.9
	Transit Facilities (On Road)	$69.1	Transit Facilities (On Road)	$69.1
	Transit IT Infrastructure	$1.5	Transit IT Infrastructure	$1.5
	Specialty Equipment	$76.1	Specialty Equipment	$76.1
			Facilities	$196.5
			Software	$5.7
Total Transit		*$805.6*		*$1,007.7*
Information Technology (IT)	End User IT	$11.4		
	IT Infrastructure Assets	$62.4		
	Software	$140.6		
Total IT		*$214.4*		*$0*
City Support Fleet	Licensed Fleet	$46.3	Software	$5.3
	Off-Road Vehicles	$20.7		
	Fleet Equipment	$2.4		
Total City Support Fleet		*$69.4*		*$5.3*
Fire	Light Duty Front Line Licensed Vehicles & Apparatus	$25.2	Light Duty Front Line Licensed Vehicles & Apparatus	$25.2
	Heavy Duty Front Line Licensed Vehicles & Apparatus	$35.6	Heavy Duty Front Line Licensed Vehicles & Apparatus	$35.6
	Support Vehicles & Equipment	$3.3	Support Vehicles & Equipment	$3.3
	Spare Vehicles	$16.3	Spare Vehicles	$16.3
	Personal Fire Equipment	$5.1	Personal Fire Equipment	$5.1
	Specialty Equipment	$0.8	Specialty Equipment	$0.8
			Facilities	$159.9
			Software	$5.2
Total Fire		*$86.4*		*$251.4*
Parks	Parking Lots & Islands	$61.5	Parking Lots & Islands	$61.5
	Small Engine Equipment	$0.4	Small Engine Equipment	$0.4
	Parks	$108.7	Parks	$108.7
	Natural Heritage Lands	$0.0	Natural Heritage Lands	$0.0
	Park Furnishing	$4.4	Park Furnishing	$4.4
	Playgrounds	$119.4	Playgrounds	$119.4
	Shade Structures	$49.0	Shade Structures	$49.0
	Splash Pads & Outdoor Pools	$5.1	Splash Pads & Outdoor Pools	$5.1
	Fitness Equipment	$1.8	Fitness Equipment	$1.8
	Skate Parks	$2.1	Skate Parks	$2.1
	Sports Facilities	$157.5	Sports Facilities	$157.5
	Pathways	$91.2	Pathways	$91.2
	Trees	$159.5	Trees	$159.5
	Flower Beds	$4.6	Flower Beds	$4.6
			Facilities	$23.3
			Fleet	$26.2
			Software	$0.3
Total Parks		*$765.3*		*$815.1*
Recreation	Equipment	$54.0	Equipment	$54.0
	Furniture	$14.3	Furniture	$14.3
			Facilities	$761.5
			Fleet	$4.9
			Software	$3.8
Total Recreation		*$68.3*		*$838.6*
Cultural Services	Outdoor Equipment & Furniture	$5.1	Outdoor Equipment & Furniture	$5.1
	Specialty Equipment	$8.3	Specialty Equipment	$8.3
	Furniture	$0.1	Furniture	$0.1

Service Area	Assets Under Responsibility View		Assets Under User View	
	Asset Type	CRV ($M)	Asset Type	CRV ($M)
	Public Art	$6.0	Public Art	$6.0
			Facilities	$103.2
			Fleet	$0.9
			Software	$0.3
Total Cultural Services		*$19.7*		*$123.9*
Library	Furniture and Equipment	$8.6	Furniture and Equipment	$8.6
	Media Collections	$13.4	Media Collections	$13.4
	Library Software	$0.5	Library Software	$0.5
			Facilities	$104.6
			Fleet	$0.2
Total Library		*$22.4*		*$127.2*
Animal Services	Equipment	$0.4	Equipment	$0.4
			Facilities	$11.4
			Fleet	$1.2
			Software	$0.3
Total Animal Services		*$0.4*		*$13.3*
Corporate Functions (note: not a specific service area)			Licensed Fleet (Corporate Services Fleet)	$6.8
			Off-Road Vehicles (Corporate Services Fleet)	$1.9
			Fleet Equipment (Corporate Services Fleet)	$0.03
			End User IT	$11.4
			IT Infrastructure Assets	$62.4
			Software (Shared Corporate Software)	$103.7
			Corporate Facilities	$396.8
Total Corporate Functions		*$0.0*		*$583.0*
Total CRV ($M)		**$11,595.7**		**$11,595.7**

Note: Numbers in the table above may not add exactly due to rounding

Age Profile Analysis

The age profile of assets is a critical aspect of any comprehensive Asset Management Plan and is required to meet regulatory requirements. In the SOLI, the age profile analysis further facilitates the understanding of the age distribution of assets. This will allow for the adaptation of strategies to address the changing needs of the portfolio.

In conjunction with condition data, an asset's age profile provides valuable insight into the lifecycle management of the City's assets. Details on the age profile of assets are included in the individual service area report cards in Appendix A.

Appendix A provides a summary of the average age (weighted based on replacement value) of the assets within each service area portfolio (under the responsibility view). The result shows that the average age of the City's infrastructure is relatively young with the majority of infrastructure assets coming online within the last 30 years

Asset Inventory and Valuation

As specified in the Ministry Guide, the value of the City's assets is in two different formats: 'Net Book Value' and 'Replacement Value'.

Net Book Value is consistent with the financial accounting practices defined by the Public Sector

Accounting Board and is reported on the City's financial statements. The City of Brampton's reported Net Book Value covers the full scope of the City's Tangible Capital Assets, including land. This differs from the scope of assets considered under the Corporate Asset Management program and the State of the Local Infrastructure.

The Net Book Value is the original acquisition cost less accumulated depreciation, depletion or amortization. It is reported annually in accordance with reporting standards established by the Public Sector Accounting Board (PSAB) of the Canadian Institute of Chartered Accountants. As shown in Table 4 below, the City's 2024 Financial Information Return (FIR) reported the Net Book Value of the City's Tangible Capital Assets as of December 31, 2024, at $4.2 billion inclusive of land. Under the financial accounting approach many assets may be fully depreciated yet remain in use across the City. Therefore, Net Book Value is not the appropriate methodology to be employed for infrastructure renewal planning.

Table 4 – City of Brampton Net Book Value (In Thousands)

FIR Functional Classification	Net Book Value Jan 1, 2024	Net Additions/ Disposals	Net Amortization Expense	Net Book Value Dec 31, 2024
General Government	$347,122	($5,572)	$1,787	$343,337
Protection	$114,858	$93,790	($9,818)	$198,830
Transportation	$2,000,901	$120,618	($70,451)	$2,051,068
Environmental	$598,823	$29,148	($20,148)	$607,824
Health	$573	$98	($74)	$597
Social and Family	$3,117	$43	($213)	$2,947
Recreation and Cultural Services	$938,571	$60,982	($25,319)	$974,234
Planning and Development	$6,383	$689	($103)	$6,969
TOTAL	**$4,010,348**	**$299,796**	**($124,338)**	**$4,185,806**

Note: Categories/information derived from the 2024 Financial Information Return. The net amortization figure tends to vary from year-to-year depending on in-year asset disposals.

Replacement Values are used as the basis to estimate the cost of replacing an asset when it reaches the end of its engineered design life. The total replacement cost of all assets covered within this report is estimated at $11.6 billion.

Replacement Cost Valuation

For the purposes of this 2024 SOLI Report, the replacement cost data provided at the service area level was updated to make necessary inflationary adjustments. In most cases, the service areas had provided most recent cost estimates that correspond to the assets in service as of year-end 2024. However, in some instances, more recent asset valuation data was not available. In such cases, the values included in the 2023 SOLI (in $2024) were adjusted using a suitable inflation metric to bring them in line with current values, expressed in $2025.

Table 5 below provides a summary of the inflationary factor applied to the specific asset categories. For assets with recent cost data, a 2% adjustment was made to bring them to $2025 values. For assets that do not have recent data, the non-residential construction price index or the machinery and equipment price index were applied. Approximately

92% of this year's data was provided in $2024, including Transportation, Stormwater and Facilities assets which represent a large share of the total asset portfolio. Statistics Canada monitors the two indices below, which will be used in future SOLI report iterations.

Table 5 – Summary of Inflationary Factors Applied to Specific Assets

Index	Inflationary Factor (Q1 2024 – Q1 2025)	Assets Adjusted
Recent Cost Data provided by the service area [(1)]	2.0%	**Transportation:** Roads, Vertical Traffic Calming Devices, Bike Lanes, Bridges & Culverts, Gateway Features, Noise Walls, Retaining Walls, Fences, Guiderails, Handrails, Steps, Sidewalks, Walkways, Multi-Use Paths, Street Lighting, Traffic Signals, Traffic Signs **Stormwater:** Stormwater Conveyance, Stormwater Management Facilities, Natural Stormwater Assets **Facilities:** All Facilities **Transit**[(2)]**:** Heavy Duty Vehicles (Buses), Support Fleet, Maintenance/Admin Small Equipment **Fire**[(3)]**:** Front Line Licensed Vehicles & Apparatus, Support Vehicles & Equipment, Spare Vehicles, Personal Fire Equipment, Specialty Equipment **Parks:** Parking Lots, Shade Structures, Playgrounds, Trees **Library:** Library Software
Non-Residential Building Construction Price Index (NRCPI)	2.4%	**Transit:** Stops and Pads **Parks:** Parks (Open Space), Splash Pads & Outdoor Pools, Skate Parks, Sports Facilities, Dog Parks **Recreation:** Spray Pads & Pools, Tennis Courts, Skateboard Parks, Artificial Rinks & Tracks

Index	Inflationary Factor (Q1 2024 – Q1 2025)	Assets Adjusted
Machinery & Equipment Price Index (M&E)	6.5%	**Transit:** Conventional Shelters, Zum Shelters, Bike Shelters, Video Walls, CAD/AVL, Identification Card Application Software, Bus Lift, Communication Control, Fare Systems, PRESTO, Signage, Fueling, Electric Chargers, Sandalwood Transit Loop **IT:** Computers, Monitors, Mobile Phones, AV Equipment, Servers, Storage and Back-up, Wireless, Network Infrastructure, Cable Plants, Communication System, Software **City Support Fleet:** Licensed Fleet, Off-Road Vehicles, Fleet Equipment **Parks:** Pathways, Small Engine Equipment, Park Furnishing, Fitness Equipment, Flower Beds **Recreation:** General & Major Equipment, Indoor & Outdoor Fitness Equipment, Furniture **Cultural Services:** Outdoor & Specialty Equipment, Furniture, Public Art **Library:** Equipment, Media **Animal Services:** Equipment

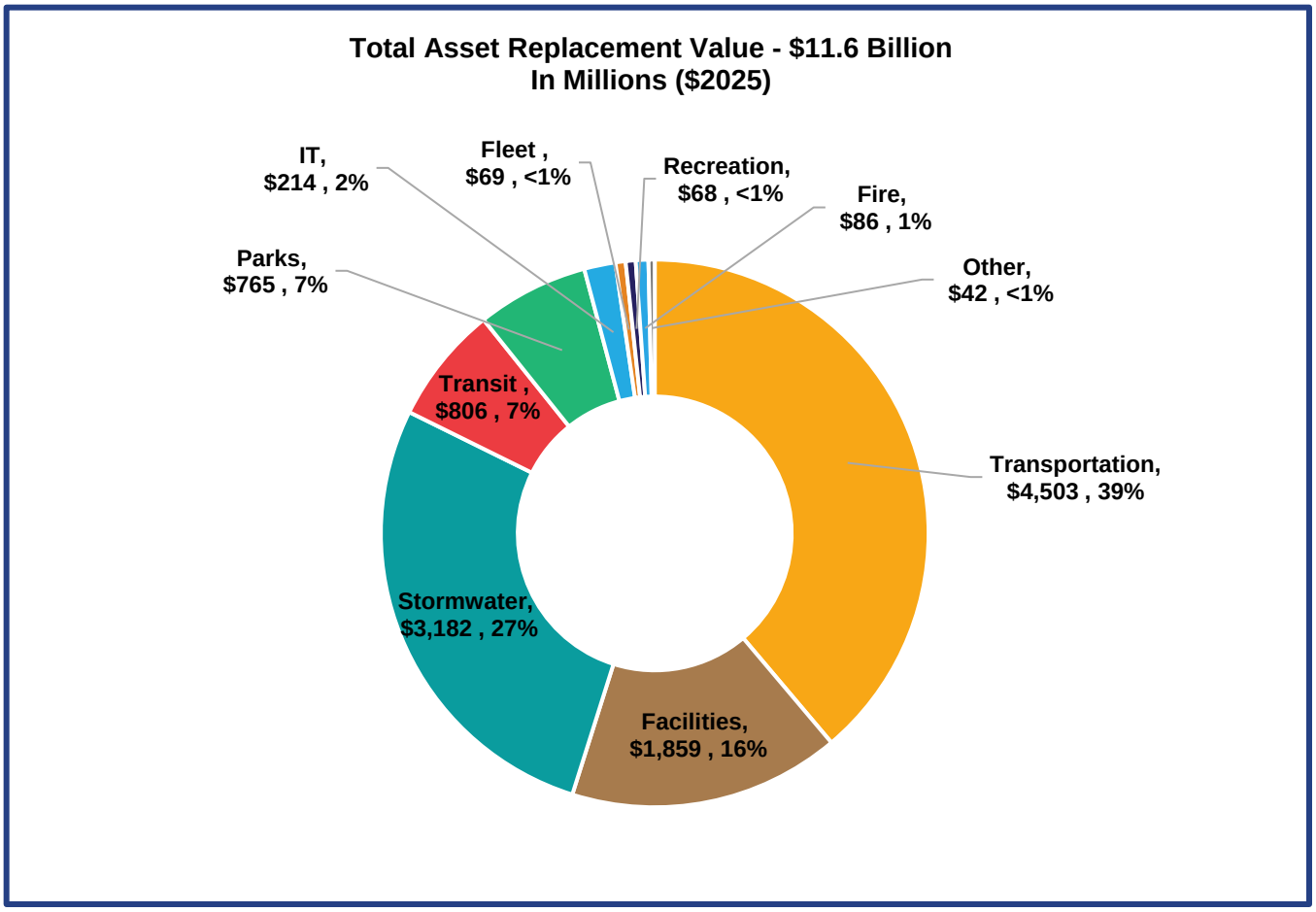
[1] *Intended to reflect costs as of year-end 2024 and therefore only a simple inflation factor of 2.0% is applied to adjust the values to $2025. Updated unit and replacement costs for 2025 will be provided to inform the 2025 SOLI Report.*

[2] *Under Transit, Heavy-Duty Frontline vehicles were inflated by the WPU1413 from December 2024 to May 2025 (2.5%).*

[3] *Under Fire, Bunker Gear was inflated by the 5% to arrive at $2025.*

The total replacement value of all assets covered under this report is illustrated by service in Figure 3 below. Transportation, Facilities and Stormwater collectively account for over 82% of the asset portfolio by replacement value. Transportation services, with a replacement value of $4.5 billion, constitutes the largest portion at 38% of the total $11.6 billion. Stormwater, valued at $3.2 billion, constitutes about 27% of the total replacement value. Facilities represent 16% of the portfolio, equivalent to $1.9 billion, and serve multiple service areas (including Animal Services, Cultural Services, Recreation, Parks, Transit, Library, Fire and other corporate services). Recreation Facilities represent the majority of the Facilities replacement value. The replacement value reported in the below figure is represented under the “responsibility view” framework.

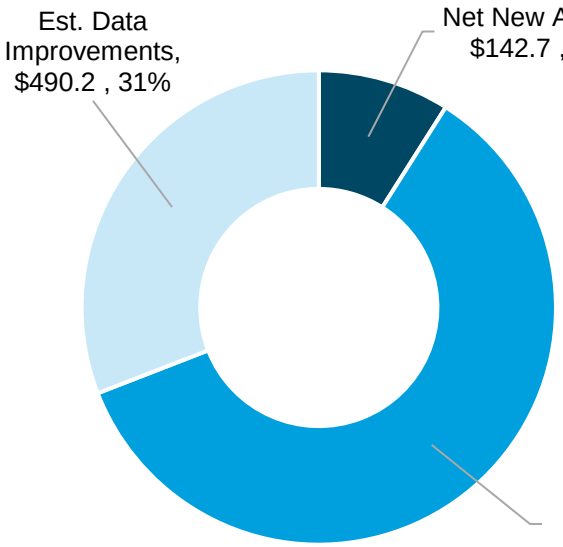
Figure 3 – Total Replacement Value of City Infrastructure ($11.6 Billion)



Note: "Other" includes Library ($22.4M), Cultural Services ($19.7M) and Animal Services ($0.4M)

The total $11.6 billion ($2025) asset replacement value identified in this report represents an increase of $1.6 billion, or 16%, over the $10.0 billion ($2024) City-wide asset replacement value stated in the 2023 SOLI Report. This increase is due to refined costing information and inflation, revised inventories and data improvements, and overall general asset growth in assets. Particularly, with the completion of the 2025 Stormwater AMP, this infrastructure was more closely examined and the infrastructure value has increased substantially by $1.4 billion and about 75% from the 2023 SOLI Report. Therefore, the stormwater service area is the driving factor behind the cumulative $1.6 billion increase in overall asset value from 2023 SOLI. While the change in asset value for stormwater is notable, the City proactively manages this infrastructure through a dedicated stormwater levy ensuring the long-term sustainability of these assets. Figure 4 illustrates the breakdown of factors that contribute to the change in replacement value.

Figure 4 – Factors Driving Replacement Value Increase (In Millions)



Replacement Value (2023 SOLI)	**$10,008.7**
Cost Change	*$954.1*
Net New Assets	*$142.7*
Data Improvements	*$490.2*
Replacement Value (2024 SOLI)	**$11,595.7**

The overall change of $1.6 billion in costs from 2023 to 2024 are primarily driven by cost changes, which includes better costing information for stormwater infrastructure, and overall, the effects of inflation. This change is in line with the recent year-over-year changes observed from other statistical measurements monitoring price changes on capital expenditures, including the Non-Residential Construction Price Index or the Machinery and Equipment Price Index. Both indices have been used in this analysis to adjust costs to $2024, where most recent cost estimates are not available.

Table 6 to Table 17 below include a more detailed breakdown of the service area valuations at the sub-asset level and the inventories of assets (as of year-end 2024). The tables represent the valuation under both the user view and responsibility view frameworks.

Table 6 – Detailed Inventory & Replacement Values for Transportation Services Assets

Service	Asset		Inventory	Unit	Total Replacement Value ($000)
Transportation	**1. Assets Managed by Transportation**				
	Roadway Network	Roads (Includes Islands)	3,613	Lane KM	$2,434,403
		Vertical Traffic Calming Devices	408	Each	$1,050
		Bike Lanes	335	Lane KM	$6,386
	Structures	Bridges	4,119	Metres	$487,007
		Culverts	1,307	Metres	$547,740
	Structures (Other)	Gateway Features	2,857	Metres	$15,768
		Noise Walls	14,799	Metres	$23,508
		Retaining Walls	9,862	Metres	$28,173
		Fences	57,536	Metres	$14,127
		Guiderails	32,468	Metres	$23,117
		Handrails	3,402	Metres	$1,307
		Steps	85	Metres	$1,378
	Walkways & Path	Sidewalks	1,998,935	KM	$409,922
		Walkways	13,623	KM	$8,388
		Multi-Use Paths	128,922	KM	$20,600
	Traffic Services	Street Lighting	44,744	Each	$354,744
		Traffic Signals	846	Each	$124,081
		Traffic Signs	54,089	Each	$1,525
	Subtotal Assets Managed by Transportation - Responsibility View				***$4,503,225***
	2. Assets Managed by Other Service Areas				
	Operations Facilities		11	Each	$102,042
	Fleet	Licensed Fleet	104	Each	$17,589
		Off-Road Equipment	61	Each	$6,908
		Fleet Equipment	7	Each	$117
	Software		20	Each	$10,887
	Subtotal Assets Managed by Other Service Areas				***$137,543***
TOTAL - USER VIEW (1+2)					**$4,640,768**

Notes: Bike lanes are repurposed through the roadway network and the replacement value is the extra cost of delineating the bike lanes from the roadway network.
Streetlighting data corrected from 2023 SOLI to include only City-owned assets.
There are 73 roadway bridges, 123 pedestrian bridges.
There are 169 culverts.
There are 309 gateway features.
There are 54 noise walls and 238 retaining walls.
There are 590 guiderails and 101 handrails.

Table 7 – Detailed Inventory & Replacement Values for Stormwater Services Assets

Service	Asset		Inventory	Unit	Total Replacement Value ($000)
Stormwater	Stormwater Conveyance	Storm Sewer Systems – Linear	2,058,929	Metres	$1,848,555
		Storm Sewer Systems – (Other)	71,340	Each	$544,140
		Culverts	2,474	Each	$21,137
		Ditches	125	KM	$29,997
		Watercourses	256	KM	$331,529
	Stormwater Management Facilities	Stormwater Ponds	180	Each	$287,011
		Water Quality Units	134	Each	$7,682
		LIDs	27,620	Square M	$3,839
	Natural Stormwater Assets	Wetlands	163	Hectares	$71,310
		Lakes	413,715	Square M	$36,300
TOTAL - USER & RESPONSIBILITY VIEW					**$3,181,501**

Table 8 – Detailed Inventory & Replacement Values for Facilities Assets

Service	Asset	Inventory	Unit	Total Replacement Value ($000)
Facilities	**1. Assets Used by Facilities and Managed by Other Service Areas**			
	Software	5	Each	$5,286
	Fleet	73	Each	$2,586
	Subtotal Assets Used by Facilities and Managed by Other Service Areas – User View			***$7,872***
	2. Assets Managed by Facilities and Used by Other Service Areas			
	Corporate Facilities	40	Each	$396,805
	Animal Services	2	Each	$11,437
	Cultural Services	1	Each	$103,161
	Recreation	74	Each	$761,488
	Parks	19	Each	$23,282
	Transit	8	Each	$196,456
	Library	6	Each	$104,576
	Fire	18	Each	$159,864
	Work Operations	12	Each	$102,042
	Subtotal Assets Managed by Facilities and Used by Other Service Areas			***$1,859,109***
TOTAL – REPLACEMENT VALUE (USER + RESPONSIBILITY VIEW)				**$1,866,981**

Table 9 – Detailed Inventory & Replacement Values for Transit Services Assets

Service	Asset		Inventory	Unit	Total Replacement Value ($000)
Transit 	**1. Assets Managed by Transit**				
	Licensed Vehicle Assets	Heavy Duty Vehicles	533	Each	$656,626
		Light Duty Vehicles	35	Each	$2,297
	Transit Facilities (On Road)	Shelters – Conventional	946	Each	$8,661
		Shelters – Züm	130	Each	$39,311
		Shelters – Bike	22	Each	$338
		Stops	2,393	Each	$19,489
		Sandalwood Transit Loop	1	Each	$1,269
	Transit IT Infrastructure	Video Wall	1	Each	$81
		CAD/AVL	1	Each	$1,393
		ID Card Application Hardware	41	Each	$38
	Specialty Equipment	Bus Lift	34	Each	$27,476
		Communication Control	4	Each	$18,511
		Fare Systems	498	Each	$11,061
		PRESTO	1,082	Each	$6,395
		Maintenance/Admin Small Equipment	9	Each	$806
		Signage	3,181	Each	$2,022
		Fueling	5	Each	$1,713
		Electric Charger	5	Each	$8,109
	Subtotal Assets Managed by Transit - Responsibility View				***$805,597***
	2. Assets Managed by Other Service Areas				
	Facilities	Transit Facilities	8	Each	$196,456
	Transit IT Infrastructure	Software	2	Each	$5,689
	Subtotal Assets Managed by Other Service Areas				***$202,145***
TOTAL - USER VIEW (1+2)					**$1,007,743**

Table 10 – Detailed Inventory & Replacement Values for IT Services Assets

Service	Asset		Inventory	Unit	Total Replacement Value ($000)
Information Technology	**1. Assets Managed by Information Technology (IT)**				
	End User IT	Computers	3,756	Each	$7,829
		Monitors	4,000	Each	$1,220
		Mobile Phones	1,794	Each	$830
		Audio Visual Equipment	648	Each	$1,527
	Infrastructure Assets	Servers	89	Each	$3,963
		Storage and Back-Up	26	Each	$6,838
		Wireless	806	Each	$2,301
		Cable Plants	284,723	Metres	$37,111
		Network Infrastructure	671	Each	$7,456
		Communication System	4,127	Each	$4,716
	Software		116	Each	$140,574
TOTAL – REPLACEMENT VALUE (RESPONSIBILITY VIEW)					**$214,365**

Table 11 – Detailed Inventory & Replacement Values for City Support Fleet Assets

Service	Asset	Inventory	Unit	Total Replacement Value ($000)
City Support Fleet	**1. Assets Managed by Other Service Areas and Used by City Support Fleet**			
	Software	2	Each	$5,268
	Subtotal Assets Managed by Other Service Areas and Used by City Support Fleet			***$5,268***
	2. Assets Managed by Other Service Areas			
	Licensed Vehicles	527	Each	$46,254
	Off-Road Equipment	291	Each	$20,716
	Fleet Equipment	253	Each	$2,412
	Subtotal Assets Used by Other Service Areas			***$69,383***
TOTAL – REPLACEMENT VALUE (USER + RESPONSIBILITY VIEW)				**$74,651**

Table 12 – Detailed Inventory & Replacement Values for Fire Services Assets

Service	Asset	Inventory	Unit	Total Replacement Value ($000)
Fire Services	**1. Assets Managed by Fire Services**			
	Light Duty Front Line Licensed Vehicles & Apparatus	28	Each	$25,221
	Heavy Duty Front Line Licensed Vehicles & Apparatus	16		$35,598
	Support Vehicles & Equipment	36	Each	$3,286
	Spare Vehicles	21	Each	$16,339
	Personal Fire Equipment	1,306	Each	$5,103
	Specialty Equipment	8	Each	$840
	Subtotal Assets Managed by Fire Services - Responsibility View			***$86,386***
	2. Assets Managed by Other Service Areas			
	Facilities	18	Each	$159,864
	Software	3	Each	$5,183
	Subtotal Assets Managed by Other Service Areas			***$165,046***
TOTAL - USER VIEW (1+2)				**$251,432**

Table 13 – Detailed Inventory & Replacement Values for Parks Services Assets

Service	Asset		Inventory	Unit	Total Replacement Value ($000)
Parks	**1. Assets Managed by Parks Services**				
	Park Assets	Parks*	1,127	Ha.	$108,704
		Natural Heritage Lands	1,529	Ha.	-
		Park Furnishing	5,071	Each	$4,440
		Playgrounds	348	Each	$119,359
		Shade Structures	345	Each	$49,033
		Splash Pads/Pools	11	Each	$5,071
		Fitness Equipment	55	Each	$1,798
		Skate Parks	4	Each	$2,102
		Sports Facilities	1,121	Each	$157,520
		Pathways	306,940	Metres	$91,221
	Other Assets	Parking Lots & Islands	751,062	Sq. M.	$61,544
		Trees	260,567	Each	$159,467
		Flower Beds	1,446	Each	$4,598
		Small Equipment	547	Each	$447
	Subtotal Assets Managed by Park Services - Responsibility View				***$765,303***
	2. Assets Managed by Other Service Areas				
	Facilities		19	Each	$23,282
	Fleet		521	Each	$26,243
	Software		1	Each	$266
	Subtotal Assets Managed by Other Service Areas				***$49,791***
TOTAL - USER VIEW (1+2)					**$815,094**

**Note: Parks sub-asset category excludes pathways, sports facilities, playgrounds, trees and other sub-asset classes reported separately as stated in the table*

Table 14 – Detailed Inventory & Replacement Values for Recreation Services Assets

Service	Asset		Inventory	Unit	Total Replacement Value ($000)
Recreation	**1. Assets Managed by Recreation Services**				
	Recreation Equipment	General Equipment	2,177	Each	$15,787
		Major Equipment	653	Each	$8,281
		Spray Pads & Pools	10	Each	$7,035
		Tennis Courts	16	Each	$2,697
		Fitness Equipment	685	Each	$4,122
		Outdoor Fitness Equipment	10	Each	$186
		Skateboard Parks	5	Each	$4,001
		Artificial Rinks & Tracks	21	Each	$11,937
	Furniture		Pooled	N/A	$14,348
	Subtotal Assets Managed by Recreation Services - Responsibility View				***$68,395***
	2. Assets Managed by Other Service Areas				
	Facilities		74	Each	$761,488
	Fleet		137	Each	$4,944
	Software		2	Each	$3,767
	Subtotal Assets Managed by Other Service Areas				***$770,199***
TOTAL - USER VIEW (1+2)					**$838,594**

Table 15 – Detailed Inventory & Replacement Values for Cultural Services Assets

Service	Asset	Inventory	Unit	Total Replacement Value ($000)
Cultural Services	**1. Assets Managed and Used by Cultural Services**			
	Outdoor Equipment	Pooled	N/A	$5,144
	Specialty Equipment	6,292	Each	$8,346
	Furniture	475	Each	$147
	Public Art	30	Each	$6,014
	Subtotal Assets Managed by Cultural Services - Responsibility View			***$19,651***
	2. Assets Managed by Other Service Areas			
	Facilities	1	Each	$103,161
	Fleet	7	Each	$854
	Software	1	Each	$266
	Subtotal Assets Managed by Other Service Areas			***$104,281***
TOTAL - USER VIEW (1+2)				**$123,933**

Table 16 – Detailed Inventory & Replacement Values for Library Services Assets

Service	Asset		Inventory	Unit	Total Replacement Value ($000)
Library	**1. Assets Managed by Library Services**				
	Furniture and Equipment		6,740	Each	$8,559
	Media Collections	Electronic Media	Pooled	N/A	$1,494
		Print Media	Pooled	N/A	$11,857
	Library Software		16	Each	$514
	Subtotal Assets Managed by Library Services - Responsibility View				***$22,423***
	2. Assets Managed by Other Service Areas				
	Facilities		6	Each	$104,576
	Fleet		4	Each	$170
	Subtotal Assets Managed by Other Service Areas				***$104,746***
TOTAL - USER VIEW (1+2)					**$127,169**

Table 17 – Detailed Inventory & Replacement Values for Animal Services Assets

Service	Asset	Inventory	Unit	Total Replacement Value ($000)
Animal Services	**1. Assets Managed by Animal Services**			
	Equipment	177	Each	$405
	Subtotal Assets Managed and Used by Animal Services - Responsibility View			***$405***
	2. Assets Managed by Other Service Areas			
	Facilities	2	Each	$11,437
	Fleet	11	Each	$1,238
	Software	1	Each	$255
	Subtotal Managed by Other Service Areas			***$12,930***
TOTAL - USER VIEW (1+2)				**$13,335**

Asset Condition

Consistent with the Canadian National Infrastructure Report Card, as well as reporting formats of other major organizations and institutions, a five-point rating scale (as shown in Table 18 below) was used to assign a condition to all assets. The City aims to continuously improve its assets condition assessment protocols to bring them in line with industry best practices to better reflect reliability and adequacy of the assets to provide service.

Table 18 – Five Point Infrastructure Rating Scale

Rank	Condition	Definition
1	**Very Good**	The infrastructure in the system is in generally good condition, typically new or recently rehabilitated. A few elements show signs of deterioration that require attention.
2	**Good**	The infrastructure in the system is in good condition; some elements show signs of deterioration that require attention. A few elements show sign of significant deficiencies
3	**Fair**	The infrastructure in the system or network is in fair condition; it shows general signs of deterioration and requires attention. Some elements exhibit significant deficiencies.
4	**Poor**	The infrastructure in the system or network is in poor condition and mostly below standard, with many elements approaching the end of their service life. A large portion of the system exhibits significant deterioration.
5	**Very Poor**	The infrastructure in the system or network is in unacceptable condition with widespread signs of advanced deterioration. Many components in the system exhibit signs of imminent failure, which is affecting service.

The following approaches were used to assess the asset condition to the State of the Local Infrastructure:

- **Facility Condition Index (FCI)** – The FCI is a standard facility management benchmark that objectively assesses the current condition of a building asset. The 2024 SOLI continues the use of the Facility Condition Index (FCI) calculation as the primary method to determine the overall condition of each facility. The facilities Condition grade (Very Good to Very Poor ratings) goes hand-in-hand with FCI and is an industry standard way of evaluating asset condition in a way that is understandable to the public and Council. Building Condition Assessment (BCA) data determined the overall condition of facility assets. Table 19 below indicates the Facilities Condition Grading System used in this SOLI Report.

Table 19 – Facilities General Condition Grading System

Grade	Description	Condition Criteria	FCI Rating
1	Very Good	Only normal maintenance required	0% - 2%
2	Good	Minor Defects only - Minor maintenance required	2% - 5%
3	Fair	Maintenance required to return to accepted Level of Service - Significant maintenance required	5% - 10%
4	Poor	Requires Renewal - Significant renewal/upgrade required	10% - 30%
5	Very Poor	Significant asset component replacement required	Over 30%

- **Pavement Condition Index (PCI)** – The PCI is an industry standard benchmark used to indicate the general condition of pavement. The method to calculate the PCI is based on a technical inspection of the number and types of distresses in a pavement. Pavement distress includes low ride quality, cracking, bleeding, bumps and sags, depressions, potholes, etc. The result of the analysis is a numerical value between 0 and 10, with 10 representing the best possible condition and 0 representing the worst possible condition.
- **Bridge Condition Index (BCI)** – The BCI is a commonly used benchmark that rates the

condition of a bridge by evaluating and rating its sub-components, such as foundations, piers, deck structure, sidewalks/curbs/median, abutments or sidewalls, railings, etc. Each element of the bridge is rated from 1 (the element is on the verge of failure) to 100 (condition as new). An overall measure for the bridge is based on the rating of its elements. All bridges with a span greater than 3 Metres are inspected every two years as per the Provincial mandate.

- **Age & Expected Useful Life** – When no formal condition assessment was available, the age of the asset and its expected useful life (EUL) were used to estimate the current condition. The EUL is the average amount of time in years that an asset is estimated to function when installed new and assuming routine maintenance is practiced.
    - For most assets, the general deterioration curve presented in Table 20 has been applied to derive the condition from the remaining assets useful life and vice versa. However, for some other asset types, such as storm sewers and fleet, a more refined asset class specific deterioration curve was applied. The estimated engineered useful life of an asset is the period of time the asset is expected to provide service. The use of an asset ultimately influences the life of the infrastructure and its ability to provide service.

Table 20 – Overall Condition Grading Standard Framework for the City

Grade	Condition	Percentage of Remaining Useful Life
1	Very Good	80-100
2	Good	60-80
3	Fair	40-60
4	Poor	20-40
5	Very Poor	0-20

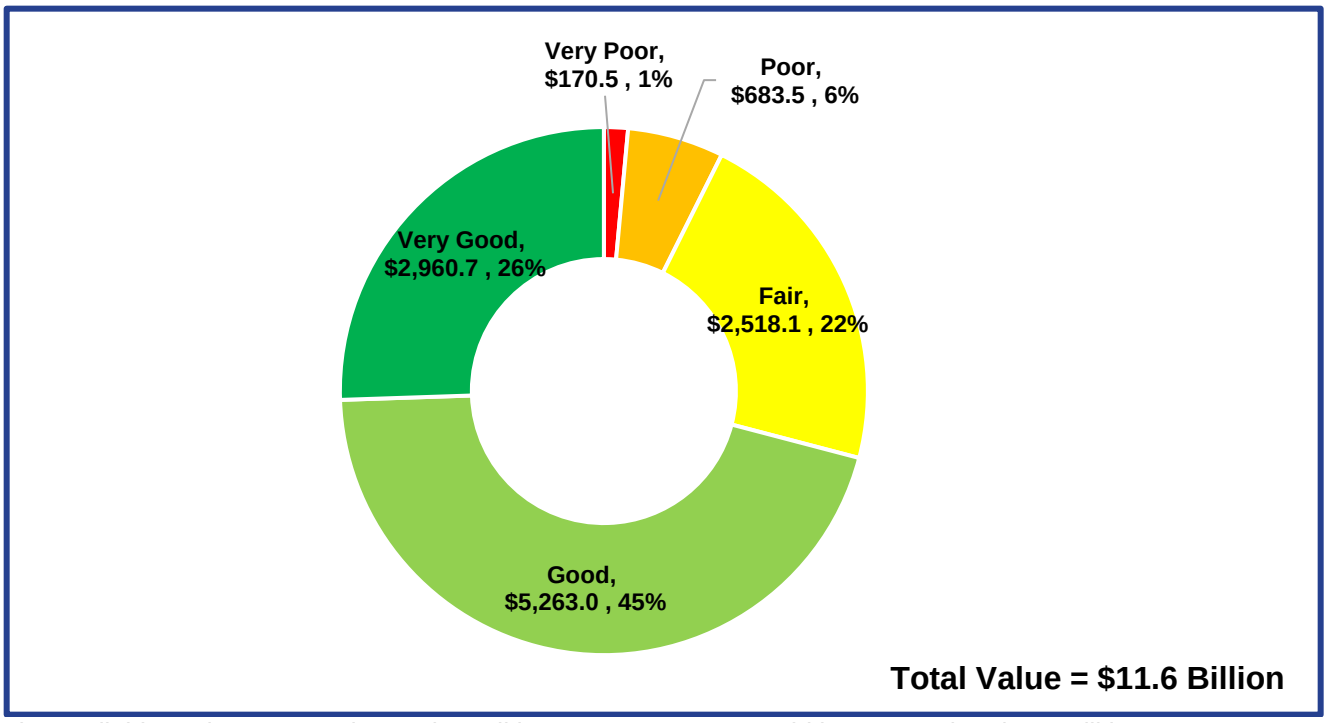
- **Expert Opinion** – Where formal condition assessment, reliable age data, or the results of the Age & EUL analysis failed to represent actual condition observed by Staff, expert opinion of the City of Brampton service area experts were used to estimate asset condition. For example, all software incorporated into the SOLI report is considered to be in Very Good condition, despite the age of the assets, based on opinions from staff. The opinion of the expert would override age and useful life in this circumstance.

Based on the inputs described above, Figure 5 below provides a snapshot of the overall condition of municipal infrastructure in the City of Brampton. In general, the assets considered in this report are assessed in “Good” condition with roughly 7% of the asset base measuring “Very Poor” to “Poor” indicating some assets in these categories may require more immediate renewal/replacement considerations. The overall “Good” condition rating can largely be attributed to the City’s infrastructure being relatively new in age combined with the sound asset management practices the City has employed to date.

The conditions illustrated in the figure below represent the cumulative value of assets categorized in the five condition areas. As Transportation, Facilities, and Stormwater Infrastructure represent about 82% of the City’s total replacement value, the condition of these specific assets has a greater influence on the overall

condition rating identified. Another key consideration is the number of assets classified as being in Very Poor condition. Based on the current data presented, these assets make up around 1% of the total.

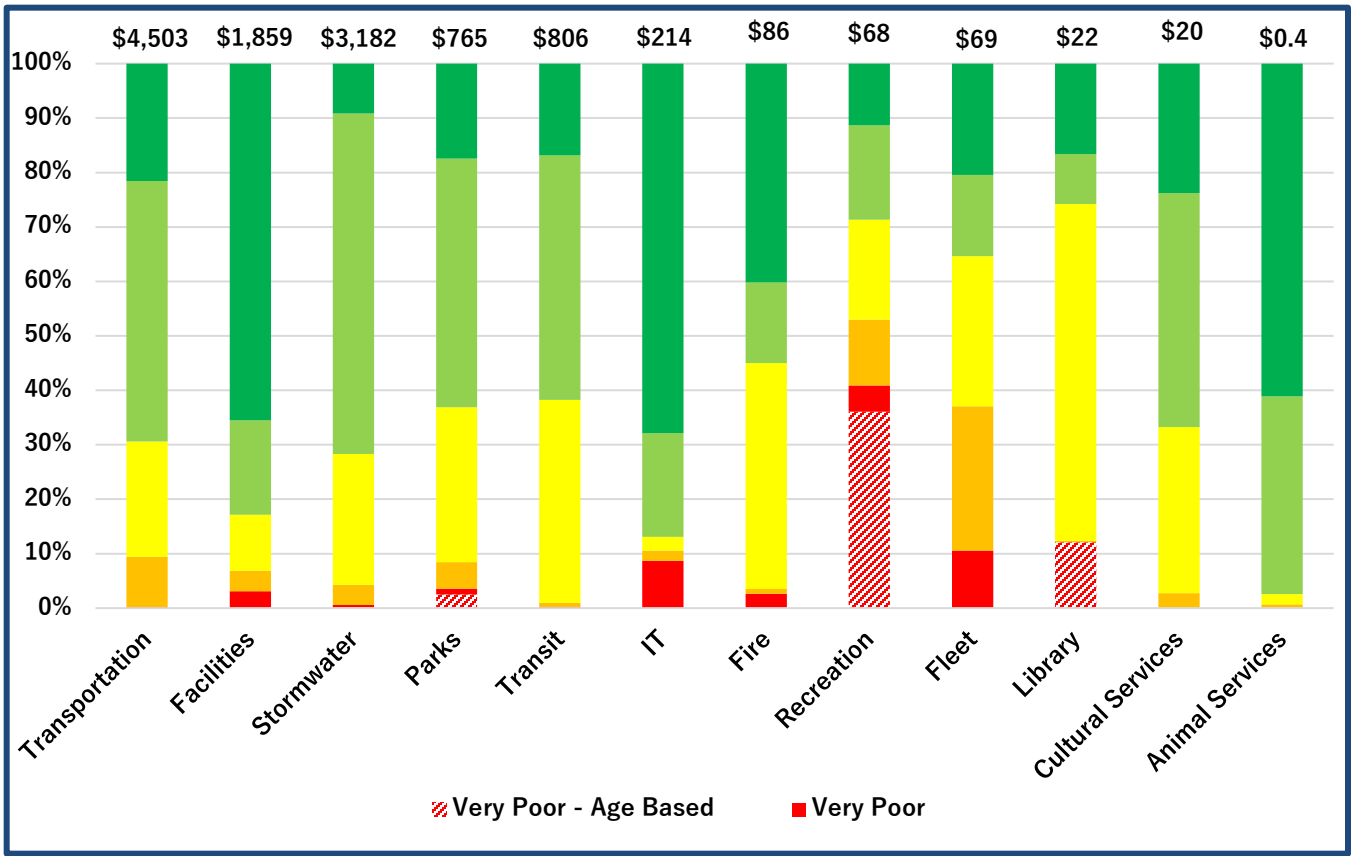
Figure 5 – Summary of Assets by Condition (In Millions)



The available replacement value and condition assessment information specific to the service areas is presented in individual report cards. Each report card presents a comparison of the capital asset inventory and replacement values from the 2023 SOLI Report with the results of this 2024 SOLI Report. Please note, for comparison purposes, the valuations illustrated from the 2023 SOLI Report remain in $2024 while the 2024 SOLI report figures are represented in constant $2025. Figure 6 below provides a more detailed review of the condition assessment by service area. A few notes for consideration:

- The service areas are shown within the responsibility view framework. This means that all assets related to Facilities, Fleet and IT reside under the respective service areas mentioned below. For example, Recreation does not include the recreation centres themselves – the centres would be reported under Facilities.
- The majority of assets in Very Poor condition were assessed based on the "age" of the asset relative to the useful life and may not accurately reflect actual asset condition. The assets continue to remain in service and are functional. In addition, those service areas represent a small share of the City's overall asset portfolio.
- For some service areas, such as Fleet, an age-based assessment is used. This assessment is complimented with inspection protocols to better understand asset condition to evaluate the replacement needs.
- Please note, the service area report cards in Appendix A only illustrate the overall asset conditions and do not differentiate Very Poor assets between age and condition-based assessments.

Figure 6 – Summary of Asset Condition by Service Area



Note: Values identified at the top of each bar represents the replacement value of infrastructure under the "Responsibility View" for each service area (in millions). The red-hashed sections reflect age based Very Poor assets which may not truly reflect the condition of the asset – as the City matures its practices, progress is expected in better reporting of these assets condition where feasible

Table 21 below provides qualifications of the assets within each service area that are in Very Poor condition.

Table 21 – Qualification of Very Poor Assets

Service Area	Description	Action Plan
Transportation ($7.5M)	• Only 15 lane KM of roadway, some noise walls, retaining walls, fences, guiderails, sidewalks, and multi-use paths • Mostly condition based assessments • Very Poor assets represent a small portion of the total base (less than 1%)	• Very Poor assets are either being renewed or will be addressed through upcoming budgets
Facilities ($57.1M)	• 13 Corporate Facilities, 7 Recreation Facilities, 5 Parks Facilities, 1 Transit Facility, and 1 Work Operations Facility • Conditions developed using an FCI and age-based calculation.	• Future budgets to address the condition through individual repair or replacement • Conditions for some assets are evaluated based on "age" relative to the useful life of the asset and does not necessarily reflect the actual asset condition

Service Area	Description	Action Plan
Transit ($1.8M)	• Largely related to fleet support vehicles, transit facilities (on road) and Specialty Equipment (bus lift and maintenance/ small equipment)	• Conditions for some assets are evaluated based on “age” relative to the useful life of the asset and does not necessarily reflect the actual asset condition • Very Poor assets are monitored by the Transit staff and addressed through the budget. The Bus Lift in Very Poor condition has been taken out-of-service.
IT ($18.6M)	• Related to end-user information technology and infrastructure assets • Frequent replacements due to short asset UL and to keep pace with emerging technology	• Condition of majority of the IT assets is evaluated based on “age” relative to the useful life of the asset and does not necessarily reflect the actual asset condition • Very Poor IT assets will be upgraded through the future budgets • Some assets (i.e. monitors) are replaced upon their failure
City Support Fleet ($7.3M)	• Mostly related to licensed fleet and off-road vehicles (a small portion is fleet equipment) • Licensed fleet condition is based on vehicle useful life, mileage and engine hours • Maintained in good and safe working order with increased maintenance costs	• Due to budgetary pressures, some Very Poor assets will be replaced through upcoming budgets and the remaining will receive enhanced maintenance to provide delivery of services. • Very Poor assets are replaced through the multi-year capital budgeting and in line with the recommendations of the Brampton Sustainable Fleet Strategy.
Fire ($2.3M)	• Mostly related to fire support vehicles • Condition assigned for these assets are based on Age	• Conditions for support vehicles are evaluated based on “age” relative to the useful life of the asset and does not necessarily reflect the actual asset condition • Very Poor assets are monitored by the Fire staff and addressed through the budget
Parks ($27.4M)	• Very Poor assets represent a small portion of the total base (4%) • None of the playgrounds, shade structures or fitness equipment are in VP condition • Mostly age-based assessments with limited data on actual asset upgrades. All assets are safe and working condition.	• Condition of the majority of the Park assets is evaluated based on “age” relative to the useful life of the asset and does not necessarily reflect the actual asset condition • Trees in very poor condition continue to be monitored by our Forestry staff and are either already removed or will be removed when required

Service Area	Description	Action Plan
Recreation ($28.0M)	• Related to furniture, general and major equipment (including some spray pads and fitness equipment) • Very Poor condition is based on estimated age and useful life of category, not necessarily reflective of the actual asset condition • No safety issues or effect on levels of service	• Condition reporting of Very Poor assets is based on best available information and needs to be matured for completeness and accuracy • Assets continue to be replaced through multi-year capital budgeting
Library ($2.7M)	• Related to furniture/equipment but about 80% of the Very Poor value attributed to computer equipment • Frequent replacements due to short asset UL. All assets are in safe and working order • Age based assessment	• No safety issue or effect on levels of service • Very Poor assets are either being replaced or will be addressed through upcoming budgets
Stormwater ($17.8M)	• Very Poor assets represent a small portion of the total base (0.6%) • Mostly related to Storm Sewers and Lakes. • Age based assessment for sewers, inspection based for lakes	• No safety issue or effect on levels of service • Very Poor assets are either being replaced or will be addressed through upcoming budgets and external funding. The City is taking measures to restore two lakes identified in Very Poor condition as outlined in the Stormwater Report Card. • City has in place a dedicated stormwater charge to proactively manage this critical infrastructure which ensures the long-term sustainability of these assets.

Financing Strategy

The City of Brampton manages assets across various service areas using distinct lifecycle strategies, which are currently a mix of formal and informal procedures.

Consistent with the recommendations of the City's Corporate Asset Management Plan (Corporate AMP) and regulatory requirements, the recently completed 2024 Service Area Asset Management Plan categorizes the City's asset-related work into the different lifecycle action categories. These categories represent the actions undertaken throughout the lifecycle of assets to ensure they provide desired levels of service. Furthermore, the most recent Stormwater and Transportation AMPs also included a robust financial strategy outlining the revenue needs to meet the City's proposed levels of service.

As the Service Area AMP's have recently been completed and a financing strategy was outlined in these plans, no update has been prepared in this SOLI Report despite the change in asset valuation. Furthermore, as the majority of the asset value change can be attributed to stormwater, the City proactively manages this infrastructure through a dedicated stormwater levy ensuring the long-term sustainability of these assets. It is expected that the financing

strategy be reevaluated in future SOLI Reports as part of the required annual report to council outlining the progress in implementing its Asset Management Plans.

Future Improvements

The City's Corporate Asset Management Office aims to collaborate with stakeholders to enhance various aspects of overall asset management practices. These initiatives will improve data quality and confidence while driving corporate change. The 2024 SA AMP and Transportation and Stormwater AMPs included detailed future improvement initiatives. These initiatives (including estimated timeline and priority) covered:

- Levels of Service
- Risk Management Strategy
- Climate Change Integration
- Governance
- Asset Information
- Lifecycle Management Strategy
- Financing Strategy

Table 22 below outlines the SOLI-specific improvement plan initiatives.

Table 22 – SOLI Improvement Plan Initiatives

Area of Improvement	Action	Outcome	Timeline	Priority	Notes
Data Enhancement	Improve **condition** data through inspection programs and condition assessments	Improved data confidence and ability to transition into a risk-based approach, allowing for better maintenance and replacement decisions.	Medium	High	For certain asset classes, inspection programs with full condition assessments are not feasible. When considering assets that will continue to use an age-based approach, City is currently targeting a maturity rating where the condition rating of 95% of assets are based on inspection assessments.
	Improve **useful life** reliability by continual validation of useful life assumptions	More reliable data and better understanding of asset management needs.	Short	Medium	The basis of the useful life of the assets is benchmarking, manufacturer recommendations, and history of the City's owned assets and/or expert opinion.

Area of Improvement	Action	Outcome	Timeline	Priority	Notes
Data Enhancement	Refined **replacement valuations** through desegregation of larger complex assets to increase granularity of inventories and costing, benchmarking against local price indices, inclusion of whole life cycle costs and improved methodologies for perpetual asset valuation.	Further refinement and reporting of the total asset inventory and better alignment of budget allocations with actual replacement needs.	Medium	High	Currently, two approaches are used to identify current replacement value of assets. The first is updating cost information based on recent data from service areas (92% of the replacement value reported under the 2024 SOLI were provided in current dollars). If no recent data is available, inflation factors based on varying indices are applied to historical costs (as identified in Table 5).
	Include any missing asset categories and add new assets to **inventory** to ensure complete and accurate asset registries.	Comprehensive asset data that supports better planning, tracking, and evidence-based decision making across all service areas.	Short	High	Asset inventory growth is largely driven by the addition of new assets and improved accuracy of data related to existing assets. The City is continually improving its data collection and validation processes which are aimed towards improving data confidence.
Governance	Establish governance frameworks, build staff capacity through training, and support coordination of efforts and standardization	Improved accountability, effectiveness, and overall quality	Long	Medium	It is important that City staff within the Corporate Asset Management Office lead this process of change. Currently collaborating with IT on implementing an Agile workflow for the SOLI data collection process.
	Assign responsible “SOLI Champion” per SA and increase senior management awareness	Clear accountability and ownership	Short	High	

Area of Improvement	Action	Outcome	Timeline	Priority	Notes
Tools and Technology	Upgrade and integrate asset management software tools to centralize asset tracking and decision-making data	Enhanced ability to manage asset data, supporting informed decision-making and efficient asset management	Medium	High	Following a feasibility study on implementing a Decision Support Solution (DSS), the City has determined the need to issue a Request for Proposal (RFP) to identify a viable solution. The goal is to potentially implement a DSS that links asset management activities across departments in a holistic manner.
Process – Standardization & Automation	CAMO is collaborating with IT and service areas to standardize and automate the data extraction from the source.	Fewer errors, consistent data, reduced manual workload, shortened SOLI project timeline	Long	High	Potential Pilot Program in Collaboration with IT. Shortened SOLI project timeline allows for better integration with budget process

Appendix

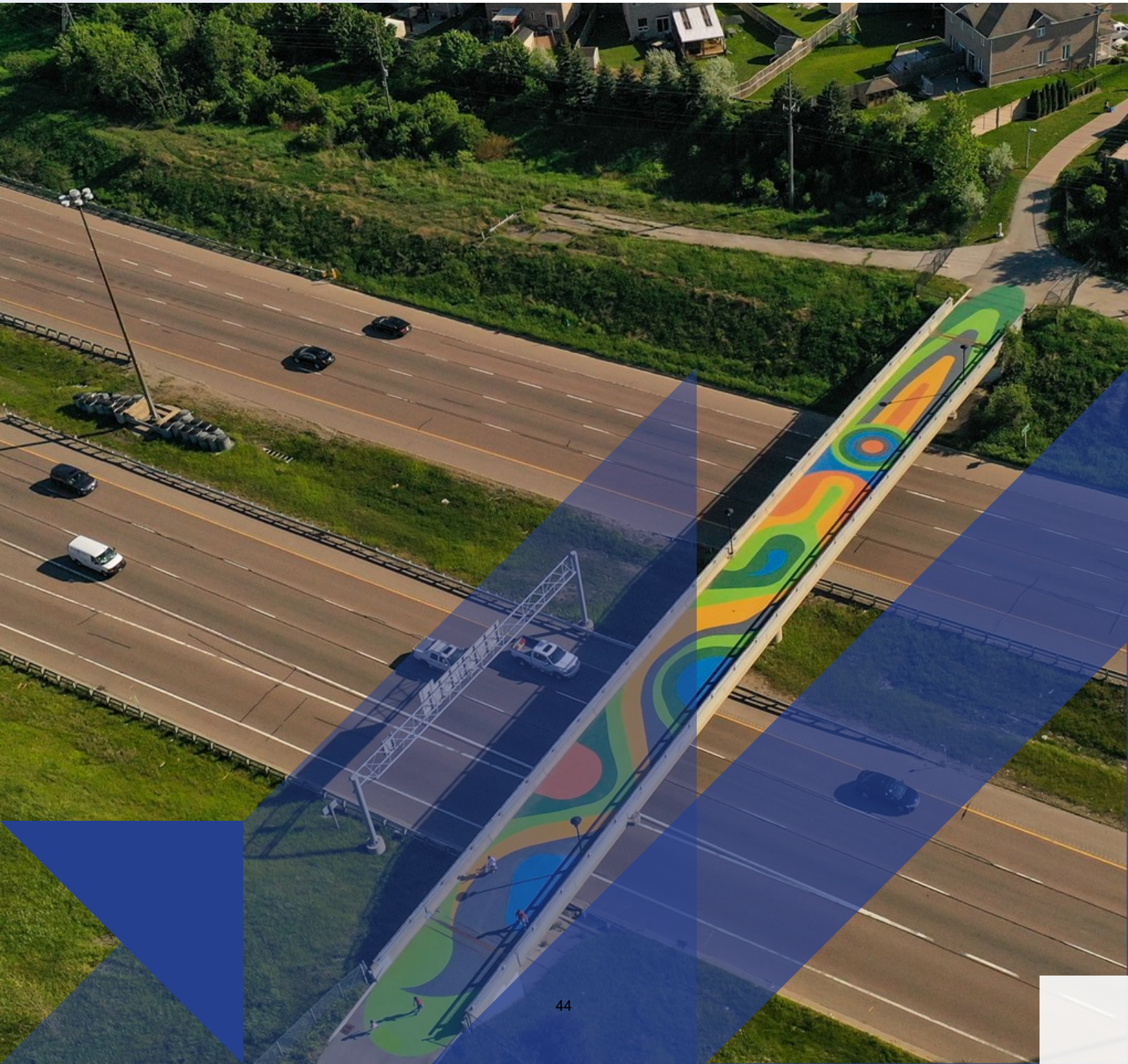
A

Infrastructure Report Cards

Appendix

A.1

Transportation



Transportation

Total Asset Replacement Value:	$4.5 Billion
Total Asset Replacement Value Including Facilities, Fleet and Software:	$4.6 Billion
Future Condition Trend (Next 10 Years):	Declining - As assets age they require close monitoring in the future
Data Confidence & Reliability:	Age and Condition Based

The 2024 SOLI analysis continues to report assets under two different asset representation perspectives: **"Responsibility View"** and **"User View"** representation

Responsibility View: *Shows the assets under the service area that is responsible for managing the capital needs*

User View: *Shows the assets under the service area that is using them*

While the User View shows the use of assets, the Responsibility View:

- ✓ provides a direct line of sight to those assets managed by the service area;
- ✓ will help prioritize lifecycle activities managed by the service area;
- ✓ aligns with industry best practices; and
- ✓ provides guidance to future asset management planning practice and departmental initiatives.

The table below illustrates the replacement value (in $2025) under the two different views.

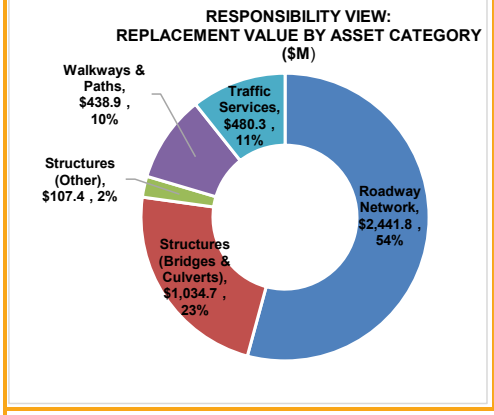
Asset Type	Replacement Value ($Millions)	Asset Inventory
Assets Managed by Transportation Services		
Roadway Network*	$2,441.8	3,948 Lane KM
Structures (Bridges & Culverts)	$1,034.7	5 KM
Structures (Other)**	$107.4	121 KM
Walkways & Paths	$438.9	2,141 KM
Traffic Services	$480.3	99,679 Each
Subtotal Assets Managed by Transportation Services (Responsibility View)	*$4,503.2*	-
Assets Managed by Other Service Areas		
Operations Facilities	$102.0	11 Each
Fleet	$24.6	172 Each
Software	$10.9	20 Each
Total Replacement Value (User View)	**$4,640.8**	-

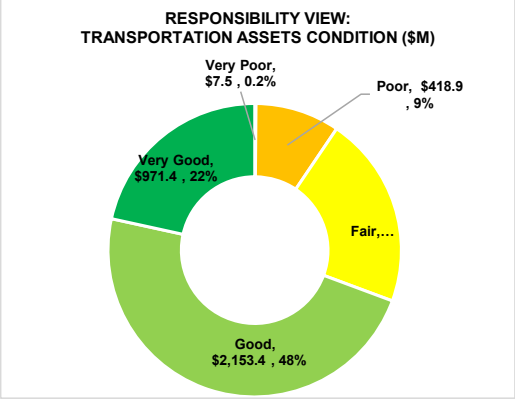
** Includes 408 Vertical Traffic Calming Devices (Speed Bumps) and 335 kilometres of bike lanes. Bike Lanes are repurposed roadway network and the replacement value is the extra cost of delineating the bike lane from the roadway network. These are newer assets and the inventory and valuations are expected to fluctuate as the data improves.*

*** Other structures include: gateway features, noise walls, retaining walls on walkways, fences, guiderails, handrails and steps*

Major Types of Assets within Transportation Services - Responsibility View

The figure below illustrates the replacement value and condition of Transportation Services assets under the responsibility view. Under this view, the total replacement value of assets is $4.5 billion. Of this total, roughly 54% is related to the roadway network (including islands and bike lanes). About 70% of the assets are considered to be in Good to Very Good condition. Approximately 9% of assets are in Poor condition and less than 1% of assets are in Very Poor condition.

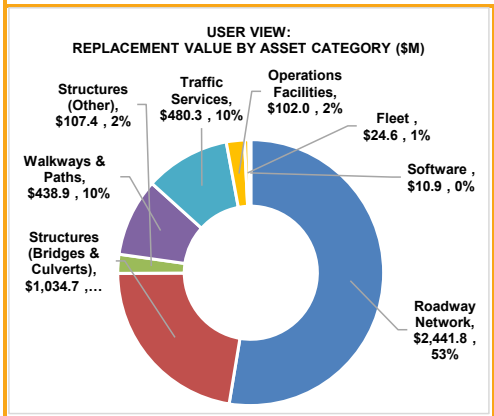


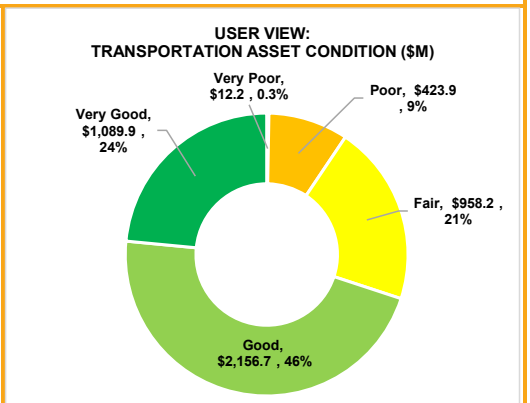


Data Source: Pavement and Bridge Management System, Departmental Inventories, dTIMS BA, GIS (Geographical Information System), PSAB, Parametric Estimating Guide of MTO 2016, City Works

Major Types of Assets within Transportation Services - User View

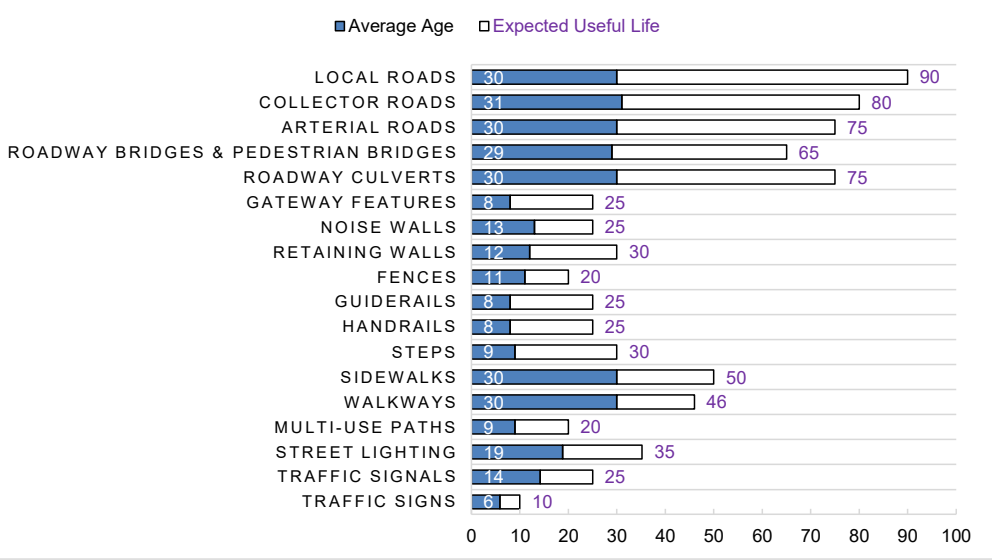
The figures below illustrate the replacement value and condition of Transportation Services assets under the user view. Under the user view illustration which also captures facilities, fleet and software, the replacement value is about $4.6 billion. Approximately 72% of the assets are considered to be in Good to Very Good Condition.





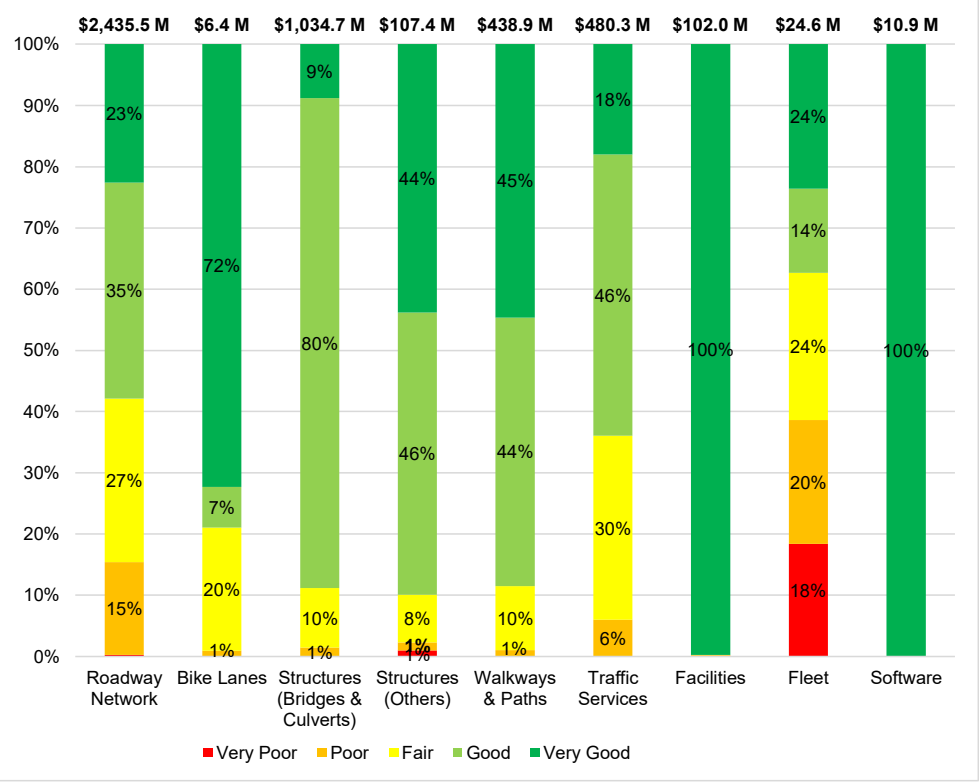
Age Summary

The following figure summarizes the average age of the City's Transportation assets compared to the remaining useful life of each asset category. The methodology applied to undertake the average age profile analysis considers the age weighted by replacement value of each asset, which influences average asset age and remaining useful life illustrated. For some assets, condition is used to derive age (including Gateway Features, Retaining Walls, Guiderails, Handrails, Steps, and Multi-Use Paths).



Condition Sumary

The figure below illustrates the condition of the seven sub-component assets of Transportation Services. The majority of assets are in Good to Very Good condition, although, a small portion of assets pertaining to the Roadway Network, Bike Lanes, Structures, Walkways & Paths, Traffic Services and Fleet are in Poor and Very Poor condition.



Comparison of 2024 vs. 2023 Inventory and Replacement Value

The tables below outlines the difference in Transportation Services assets in the 2024 SOLI relative to the 2023 SOLI while considering reporting under the two different views. Please note, the 2023 SOLI is shown as it was reported (i.e. in $2024). The values for the 2024 SOLI are in $2025.

Under the responsibility view framework, the value of Transportation Services assets has increased by 1% from approximately $4.4 billion to $4.6 billion. This increase is attributed to the growth of asset base and overall cost increases for these assets. Some assets have decreased overall (including Traffic Services, Bike Lanes and Walkways & Paths) as they reflect better cost and inventory data. Recent cost data has been provided and used to inform this analysis.

When considering the Transportation Services Facilities, Fleet and Software, the total asset value for Transportation Services has increased proportionately with the inclusion of these assets. Furthermore, the total value of Transportation Services assets represents an increase of 2% (or $76.5 million) from the value reported in 2023 after inflationary adjustments.

Please note, the Facilities, City Support Fleet and IT report cards will include additional information (including the inflation measure applied) on those assets used by Transportation Services but maintained and managed by a different City department.

Asset	2023 SOLI		2024 SOLI	
Roadway Network (Includes Islands)	3,859	Lane KM	3,948	Lane KM
Structures (Bridges & Culverts)	5	KM	5	KM
Structures (Other)**	119	KM	121	KM
Walkways & Paths	2,145	KM	2,141	KM
Traffic Services	105,006	Each	99,679	Each
Operations Facilities	11	Each	11	Each
Fleet	166	Each	172	Each
Software	20	Each	20	Each

Asset	2023 SOLI ($2024)	2024 SOLI ($2025)	Difference	
1. Assets Managed by Other Service Areas* **				
Operations Facilities	$ 96,374,967	$ 102,042,432	$ 5,667,465	6%
Fleet	$ 18,843,356	$ 24,614,007	$ 5,770,652	31%
Software	$ 9,224,277	$ 10,886,962	$ 1,662,685	18%
Subtotal Assets Managed by Other Service Areas	**$ 124,442,599**	**$ 137,543,401**	**$ 13,100,802**	***11%***
2. Assets Managed by Transportation Services				
Roadway Network (Includes Islands)	$ 2,440,374,066	$ 2,441,839,283	$ 1,465,217	0%
Structures (Bridges & Culverts)	$ 968,916,688	$ 1,034,746,821	$ 65,830,132	7%
Structures (Other)**	$ 100,540,638	$ 107,378,327	$ 6,837,689	7%
Walkways & Paths	$ 455,431,979	$ 438,910,164	$ (16,521,815)	-4%
Traffic Services	$ 474,565,676	$ 480,349,958	$ 5,784,282	1%
Subtotal Assets Managed by Transportation Services (Responsibility View)	**$ 4,439,829,048**	**$ 4,503,224,553**	**$ 63,395,505**	***1%***
Total Replacement Value: User View (1+2)	**$ 4,564,271,647**	**$ 4,640,767,954**	**$ 76,496,307**	***2%***

** Replacement value of bike lanes is the additional cost of bike lane assets over the base roadway network*
*** Other structures include: gateway features, noise walls, retaining walls on walkways, fences, guiderails, handrails and steps*
**** Responsibility of managing the assets lies with another service area, but assets are used by Transportation*
NOTE: An overall reduction in traffic services assets is seen due to a correction made since the previous SOLI.

Appendix

A.2

Stormwater

Stormwater

Asset Replacement Value:	$3.2 Billion
Future Condition Trend (Next 10 Years):	Stable - City employs a dedicated Service Fee to fund operational and asset renewal expenditures.
Data Confidence & Reliability:	Age and Condition Based*

The 2024 SOLI analysis continues to report assets under two different asset representation perspectives: "Responsibility View" and "User View"

Responsibility View: *Shows the assets under the service area that is responsible for managing them*
User View: *Shows the assets under the service area that is using them*

While the User View shows the use of assets, the Responsibility View:

- ✓ provides a direct line of sight to those assets managed by the service area;
- ✓ will help prioritize lifecycle activities managed by the service area;
- ✓ aligns with industry best practices; and
- ✓ provides guidance to future asset management planning practice and departmental initiatives.

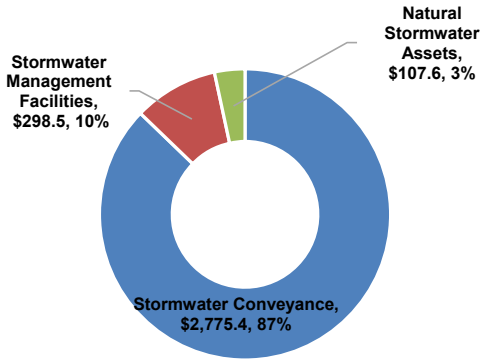
The table below illustrates the replacement value (in $2025) under the two different views.

Asset Type	Replacement Value ($Millions)	Asset Inventory
Assets Managed by Stormwater		
Stormwater Conveyance		
Storm Sewer Systems - Linear	$1,848.6	2,058,929 Meters
Storm Sewer Systems - Other (MH/CB/Outfalls)	$544.1	71,340 Each
Culverts	$21.1	2,474 Each
Ditches	$30.0	125 KM
Watercourses	$331.5	256 KM
Stormwater Management Facilities		
Stormwater Ponds	$287.0	180 Each
Water Quality Units	$7.7	134 Each
Low Impact Developments (LIDs)	$3.8	27,620 Square Metres
Natural Stormwater Assets		
Wetlands	$71.3	163 Hectares
Lakes	$36.3	413,715 Square Metres
Total Replacement Value (Responsibility View)	**$3,181.5**	**-**

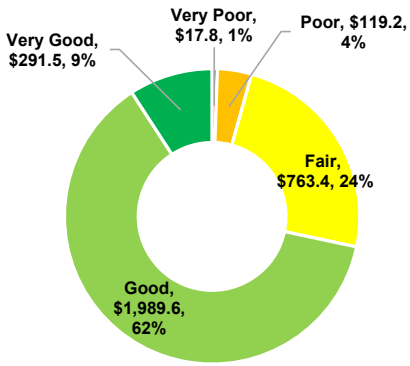
Major Types of Assets within Stormwater Services - Responsibility View

The figures below illustrate the replacement value and condition of Stormwater assets under the responsibility view. The total replacement value of assets is $3.2 billion. About 87% of this total is related to the City's Stormwater Conveyance System (Linear KMs & MH/CB/Outfalls, Culverts, Ditches, Watercourses) with the remaining value largely associated with Stormwater Management Facilities. A small share (3%) relates to Natural Stormwater Assets. About 71% of the City's stormwater assets are in Good to Very Good condition with most of the remaining assets in Fair or Poor condition. Only 1% is classified to be in Very Poor condition. The stable future condition trend is attributable to the fact that the majority of Stormwater assets are relatively new and have a long useful life and therefore have a long remaining useful life. In addition to this, the City introduced a dedicated stormwater service fee, which transfers funding from property taxes to a service fee program. Revenues derived from the service fees will be used exclusively towards Stormwater-related costs and investments, which will in turn help relieve some pressure on the capital budget, and allow funds to be re-allocated towards other service areas.

RESPONSIBILITY VIEW: REPLACEMENT VALUE BY ASSET CATEGORY ($M)



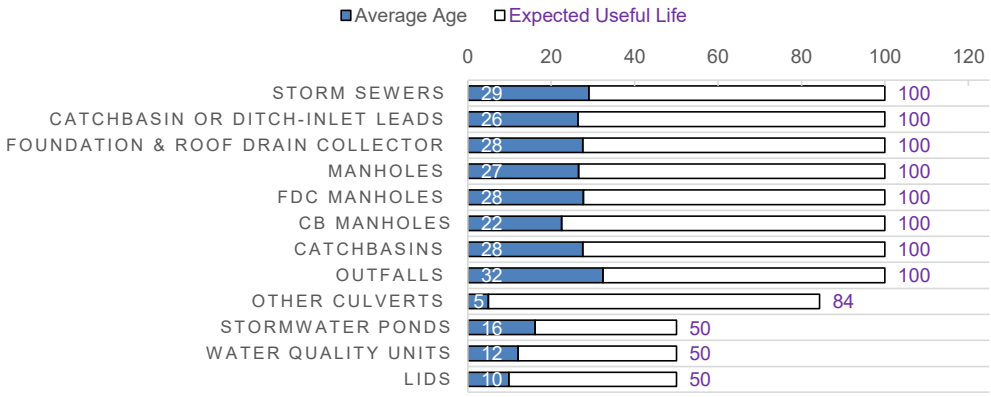
RESPONSIBILITY VIEW: STORMWATER ASSET CONDITION ($M)



Data Source: GIS database, Departmental Inventory for Water Quality Units (Excel based tracking), RC means and industry benchmarking, Manufacturer pipe price lists and City contracts (cost model).

Age Summary

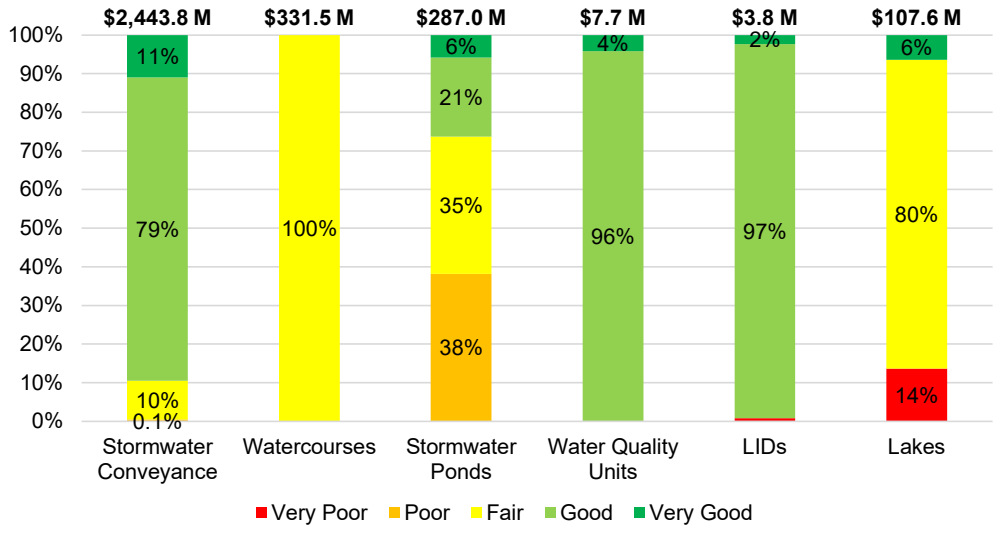
The following figure summarizes the average age of the City's Stormwater Assets compared to the expected useful life of each asset category. The methodology applied to undertake the average age profile analysis considers the age weighted by replacement value of each asset, which influences average asset age and remaining useful life illustrated. It is important to emphasize that the age of an asset relative to its useful life does not always provide a complete picture of its actual condition. For some assets (namely Minor Culverts, Roadside Culverts, and Ditches), limited or no age data is currently available and are therefore excluded from the graph below. Other Culverts have limited data available but are included below for the assets for which information is available. For Lakes, Wetlands and Watercourses, an age analysis is not applicable as the life of these assets are perpetual.



Condition Summary

The figure below illustrates the condition of the sub-component assets of Stormwater services.The percentages across the top of the graph represent each asset's share of the total replacement value. While a large majority of assets are in Good to Very Good condition, there are several assets in Fair condition (within Stormwater Conveyance, Watercourses, Stormwater Ponds and Natural Stormwater Assets). Approximately 38% of Stormwater Ponds are in Poor condition, and 14% of Natural Stormwater Assets are in Very Poor condition. The portion of Lakes assessed in Very Poor Condition represents two key assets: Professor's Lake & Donnelly Lake. These lakes ($14.4 million replacement value combined) have been identified as requiring immediate restoration due to their deteriorated state. Restoration work for Donnelly Lake is currently underway (funded by grants from the Province of Ontario), and Professor's Lake is awaiting appropriate funding allocations. These assets are prioritized in Brampton's Lake Enhancement Strategy given their ecological, recreational and stormwater management value.

It is noted that the shift in SW Pond condition from the 2023 SOLI is mostly attributed to the newly implemented Consolidated Environmental Certificate of Approval requires that the City is responsible for all of its stormwater assets including SW Ponds that are yet to be assumed.



Comparison of 2024 vs. 2023 Inventory and Replacement Value

The tables below outline the difference in Stormwater assets in the 2024 SOLI relative to the 2023 SOLI. Please note, the 2023 SOLI is shown as it was reported (i.e. in $2024). The values for the 2024 SOLI are in $2025. Since the issuance of the 2023 SOLI, the City has taken a Stormwater AMP. The hierarchy/structure of this SOLI has been adjusted to align with the AMP.

Under the responsibility view framework, the total value of Stormwater assets has increased from $1.8 billion to $3.2 billion. This increase is a result of the City's recent Stormwater AMP. The AMP included a fulsome valuation of Stormwater assets, which includes update cost information and inclusion of inventories not previously reported on under the SOLI. Assets included under the 2024 SOLI that were not previously reported on at the replacement value level include watercourses, LIDs, natural assets, ditches and culverts. The slight reduction in the Ponds count is due to the reporting of Wetlands as a separate asset class, which were previously reported under Ponds.

Asset	2023 SOLI		2024 SOLI	
Stormwater Conveyance				
Storm Sewer Systems - Linear	2,013,934	Meters	2,058,929	Meters
Storm Sewer Systems - Other (MH/CB/Outfalls)	70,465	Each	71,340	Each
Culverts	2,391	Each	2,474	Each
Ditches	N/A		125	KM
Watercourses	N/A		256	KM
Stormwater Management Facilities				
Stormwater Ponds	193	Each	180	Each
Water Quality Units	130	Each	134	Each
LIDs	N/A		27,620	Square Metres
Natural Stormwater Assets				
Wetlands	N/A		163	Hectares
Lakes	N/A		413,715	Square Metres

Asset	2023 SOLI ($2024)	2024 SOLI ($2025)	Difference	
Stormwater Conveyance				
Storm Sewer Systems - Linear	$ 1,268,497,283	$ 1,848,555,295	$ 580,058,012	46%
Storm Sewer Systems - Other (MH/CB/Outfalls)	$ 423,015,591	$ 544,140,321	$ 121,124,730	29%
Culverts	N/A	$ 21,136,806	$ -	N/A
Ditches	N/A	$ 29,996,992	$ -	N/A
Watercourses	N/A	$ 331,528,564	$ -	N/A
Stormwater Management Facilities				
Stormwater Ponds	$ 123,787,165	$ 287,011,443	$ 163,224,278	132%
Water Quality Units	$ 7,792,560	$ 7,682,443	$ (110,118)	-1%
LIDs	$ -	$ 3,839,356	-	N/A
Natural Stormwater Assets				
Wetlands	N/A	$ 71,310,356	-	N/A
Lakes	N/A	$ 36,299,694	-	N/A
Total Replacement Value	**$ 1,823,092,599**	**$ 3,181,501,268**	**$ 1,358,408,669**	***75%***

Appendix

A.3

Facilities

Facilities

Total Asset Replacement Value (All Facilities):	$1.9 Billion
Total Asset Replacement Value (User View - Software & Fleet):	$7.9 Million
Future Condition Trend (Next 10 Years):	Stable - Assets are renewed as needed and therefore remain in stable condition
Data Confidence & Reliability:	Age & Condition Based

The 2024 SOLI analysis continues to report assets under two different asset representation perspectives: **"Responsibility View"** and a **"User View"**

Responsibility View: *Shows the assets under the service area that is responsible for managing the capital needs.*
User View: *Shows the assets under the service area that is using them.*

While the User View shows the use of assets, the Responsibility View:

- ✓ provides a direct line of sight to those assets managed by the service area;
- ✓ will help prioritize lifecycle activities managed by the service area;
- ✓ aligns with industry best practices; and
- ✓ provides guidance to future asset management planning practice and departmental initiatives.

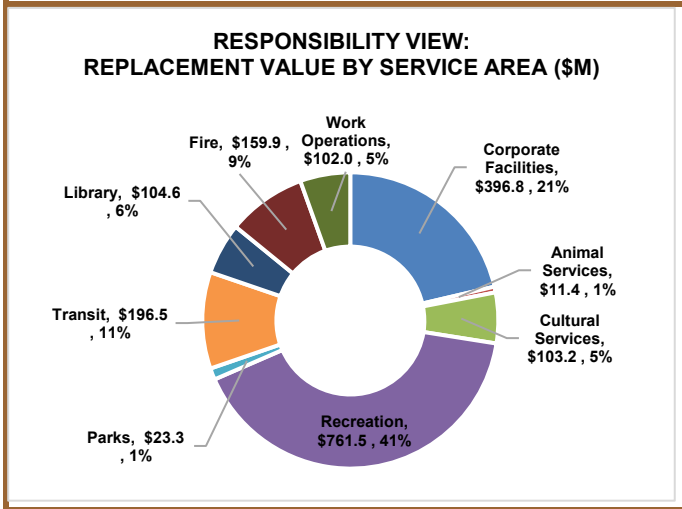
The table below illustrates the replacement value (in 2025$) under the two different views.

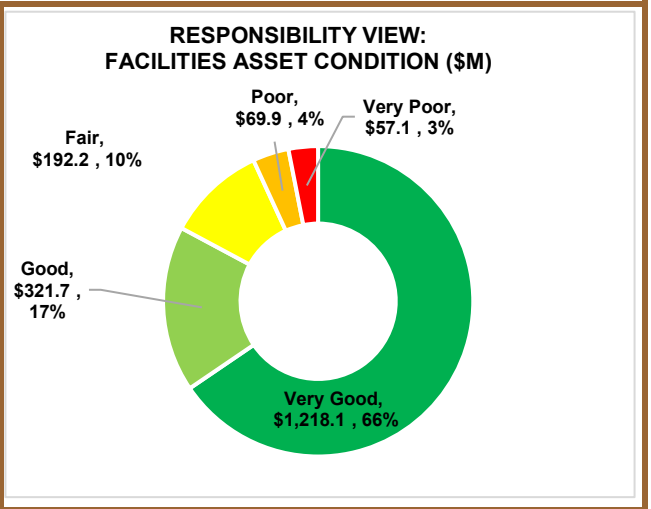
Asset Type	Replacement Value ($Millions)	Asset Inventory
1. Assets Used by Other Service Areas and Managed by Facilities		
Corporate Facilities	$396.8	40
Animal Services Facilities	$11.4	2
Cultural Services Facilities	$103.2	1
Recreation Facilities	$761.5	74
Parks Facilities	$23.3	19
Transit Facilities	$196.5	8
Library Facilities*	$104.6	6
Fire Facilities	$159.9	18
Work Operations Facilities*	$102.0	12
Subtotal (Responsibility View)	*$1,859.1*	*180*
2. Assets Used by Facilities and Managed by Other Service Areas		
Software	$5.3	5
Fleet	$2.6	73
Subtotal (User View)	*$7.9*	*-*
Total Replacement Value (User + Responsibility View)	**$1,867.0**	**-**

** Work Operations include facilities associated with Fleet, Stormwater and Transportation*
** Four (4) library facilities are standalone buildings while two (2) of the Library facilities are shared facilities with Recreation*

Major Types of Assets within Facilities - Responsibility View

The figure below illustrates the replacement value and condition of Facilities assets under the responsibility view. Under this view, the total replacement value of assets is $1.9 billion. This includes all facilities used across various service areas in addition to Corporate Facilities. As depicted in the figure below, Recreation Facilities are the largest portion representing 41% (or $761.5 million) of the total facilities replacement value. Overall, the facilities are in Very Good condition, with 83% of assets classified to be in Good or Very Good condition. Approximately 7% of assets are in Poor or Very Poor condition. The facilities condition reporting is set on an FCI calculation basis which considers the cost of immediate repair work required at each facility (i.e. deferred maintenance) relative to the replacement value of the facility. Poor and Very Poor condition reporting does not represent a safety issue or preclude service areas from delivering services to meet the needs of residents.

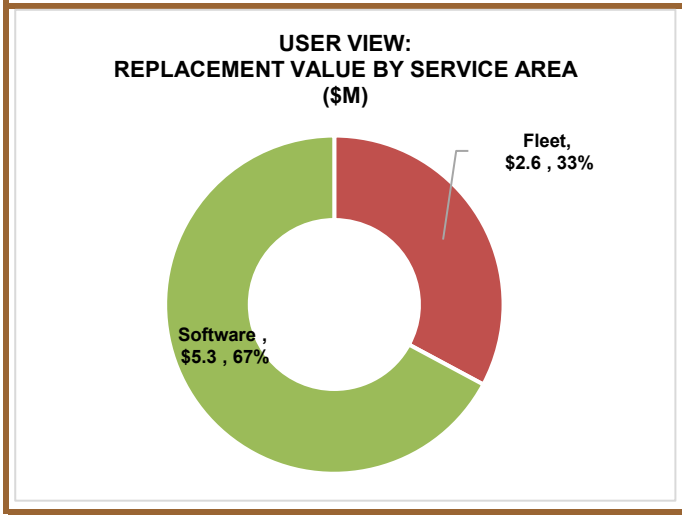


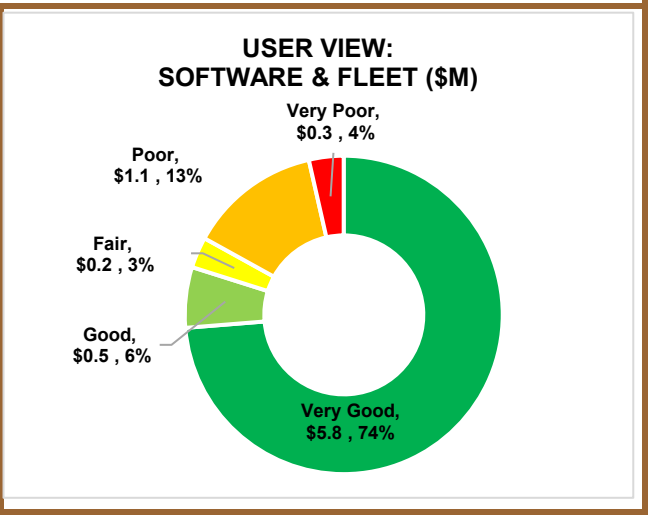


Source: Building Condition Assessments, Suncorp Valuation Report

Major Types of Assets within Facilities - User View

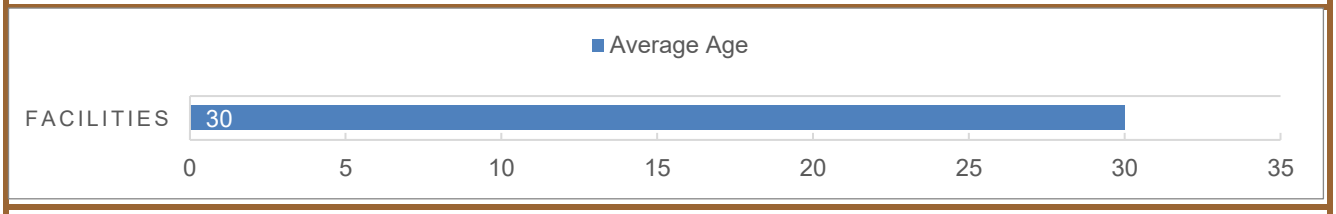
The figures below illustrate the replacement value and condition of assets used by Facilities under the user view. The user view for Facilities captures Software and Fleet, with a total replacement value of $7.9 million. Approximately 80% of Facilities user view assets are considered to be in Good to Very Good Condition with 17% of assets in Poor or Very Poor condition. Assets classified in Poor or Very Poor condition are not considered to be unsafe; the condition indicates that these assets need immediate repair work to avoid inflated maintenance costs and provide desired levels of service.





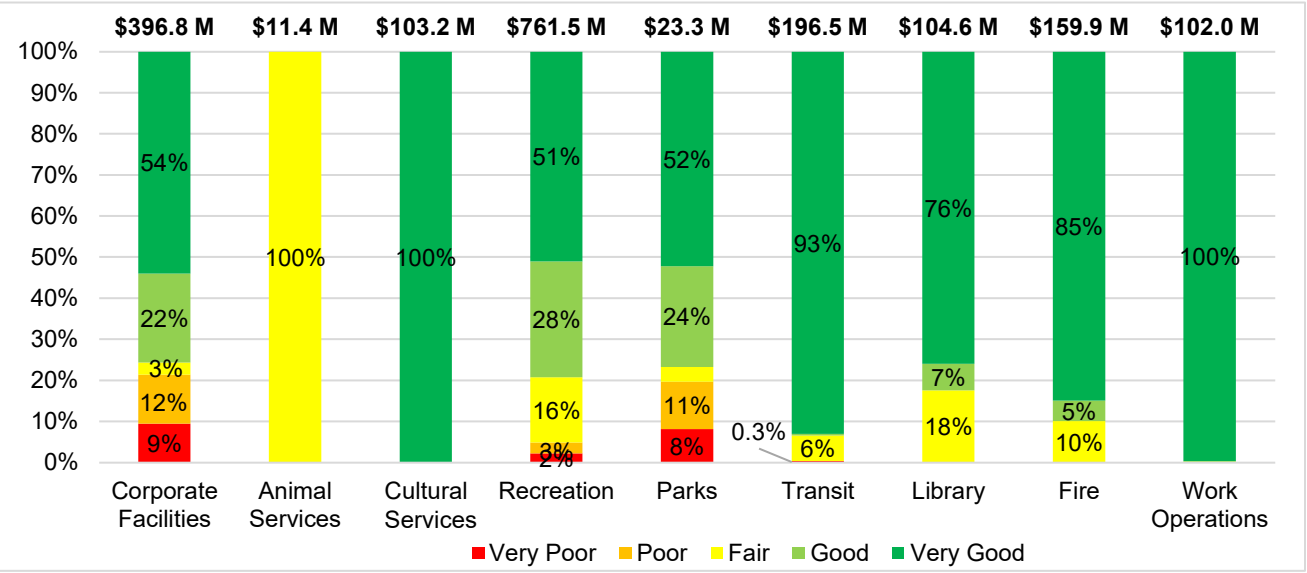
Age Summary

The following figure summarizes the average age of the City's Facilities assets. The methodology applied to undertake the average age profile analysis considers the age weighted by replacement value of each asset, which influences average asset age illustrated.



Condition Summary

The figure below illustrates the condition of all facilities assets by service area based on the responsibility view. While the assets are generally in Good to Very Good condition, the overall condition makeup varies by service area. Corporate Facilities, Library, Parks and Recreation all have a portion of facilities in Poor or Very Poor condition. Again, the condition assessment are determined on an FCI calculation basis which considers the cost of upcoming repair works required at a facility relative to it's replacement value. Poor and Very Poor condition reporting does not represent a safety issue or preclude service areas from delivering services to meet the needs of residents.



Comparison of 2024 vs. 2023 Inventory and Replacement Value

The tables below outline the difference in Facilities assets in the 2024 SOLI relative to the 2023 SOLI while considering reporting under the two different views. Please note, the 2023 SOLI is shown as it was reported (i.e. in $2024). The values for the 2024 SOLI are in $2025.

Under the user view framework, which only considers Software and Fleet, the total value of assets has increased by $1.5 million to $7.9 million in the 2023 SOLI. The increase can be attributed to cost increases experienced by most asset types.

When considering all Facilities under the responsibility view, the value of all assets decreased by 2% (or $39.8 million) from the value in 2023. The decrease can be attributed to a change in the valuation approach used for facilities to better align with current assessments. Recent 2024 Suncorp reports prepared for insurance purposes were used to determine the overall replacement value of each facility. For facilities in which this report is not available, reports from previous years were used and inflated to current dollars.

Asset	2023 SOLI		2024 SOLI	
Corporate Facilities	38	Each	40	Each
Animal Services	2	Each	2	Each
Cultural Services	1	Each	1	Each
Recreation	73	Each	74	Each
Parks	19	Each	19	Each
Transit	8	Each	8	Each
Library	6	Each	6	Each
Fire	17	Each	18	Each
Work Operations	11	Each	12	Each
Software	4	Each	5	Each
Fleet	69	*Each*	73	Each

1. Assets Used by Facilities and Managed by Other Service Areas*				
Software	$ 4,214,461	$ 5,286,232	$ 1,071,771	25%
Fleet	$ 2,152,958	$ 2,585,629	$ 432,671	20%
Subtotal Assets Used by Facilities - User View	**$ 6,367,419**	**$ 7,871,860**	**$ 1,504,441**	***24%***
2. Assets Used by Other Service Areas and Managed by Facilities				
Corporate Facilities	$ 428,156,693	$ 396,804,725	$ (31,351,967)	-7%
Animal Services	$ 10,765,225	$ 11,436,596	$ 671,371	6%
Cultural Services	$ 114,945,901	$ 103,160,760	$ (11,785,141)	-10%
Recreation	$ 745,154,337	$ 761,488,118	$ 16,333,781	2%
Parks	$ 22,219,281	$ 23,281,531	$ 1,062,250	5%
Transit	$ 217,854,241	$ 196,455,774	$ (21,398,467)	-10%
Library	$ 107,000,040	$ 104,575,648	$ (2,424,392)	-2%
Fire	$ 156,405,476	$ 159,863,580	$ 3,458,104	2%
Work Operations	$ 96,374,967	$ 102,042,432	$ 5,667,465	6%
Subtotal Assets Managed by Facilities - Responsibility View	**$ 1,898,876,161**	**$ 1,859,109,164**	**$ (39,766,997)**	***-2%***
Total Replacement Value (User + Responsibillity View)	**$ 1,905,243,580**	**$ 1,866,981,025**	**$ (38,262,556)**	***-2%***

Note 1: Valuations for service areas of Animal Services are based on staff discussions which reflect costing from more recent tenders

**Responsibility of managing the assets lies with another service area, but assets are used by Facilities*

Appendix

A.4

Transit

Transit

Asset Replacement Value:	$805.6 Million
Total Asset Replacement Value Including Facilities and Software:	$1,007.7 Million
Future Condition Trend (Next 10 Years):	Stable
Data Confidence & Reliability:	Age and Condition Based

The 2024 SOLI analysis is being reported under two different asset representation perspectives: **"Responsibility View"** and **"User View"** representation

Responsibility View: *Shows the assets under the service area that is responsible for managing the capital needs*
User View: *Shows the assets under the service area that is using them*

While the User View shows the use of assets, the Responsibility View

- ✓ provides a direct line of sight to those assets managed by the service area;
- ✓ will help prioritize lifecycle activities managed by the service area;
- ✓ aligns with industry best practices; and
- ✓ provides guidance to future asset management planning practice and departmental initiatives.

The table below illustrates the replacement value (in $2025) under the two different views.

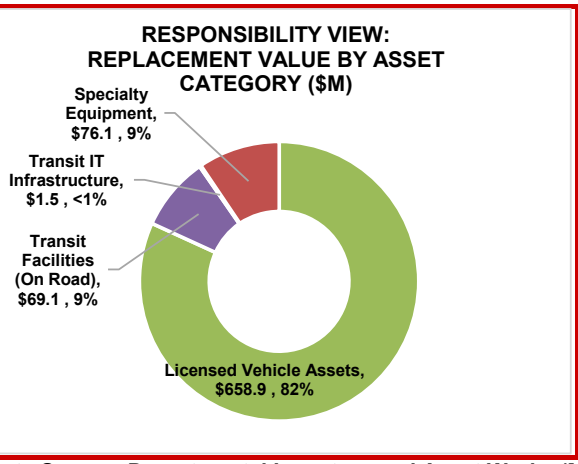
Asset Type	Replacement Value ($Millions)	Asset Inventory
Assets Managed by Transit		
Licensed Vehicle Assets	$658.9	568
Transit Facilities (On Road)*	$69.1	3,492
Transit IT Infrastructure**	$1.5	43
Specialty Equipment***	$76.1	4,818
Subtotal Assets Managed by Transit (Responsibility View)	*$805.6*	*-*
Assets Managed by Other Service Areas		
Transit Facilities	*$196.5*	*8*
Software Used by Transit	*$5.7*	*2*
Total Replacement Value (User View)	**$1,007.7**	**-**

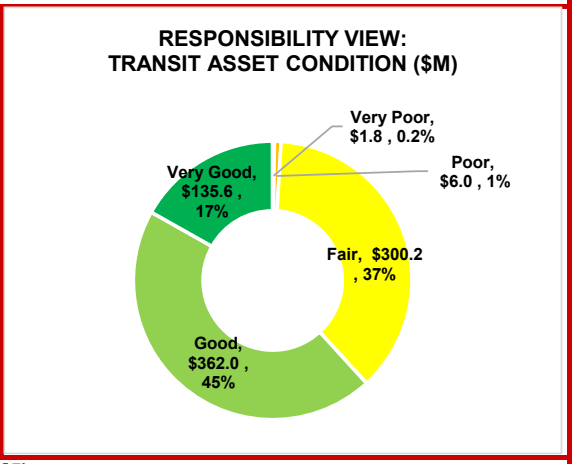
* Transit Facilities (On Road) include Conventional Shelters, Bike Shelters, Zum Shelters, Bus Stops (with Concrete Pads), and Sandalwood Loop
** Transit IT Infrastructure includes Video Wall, CAD/AVL & ID Card Application Hardware
*** The assets included under specialty equipment are detailed under the "Comparison of 2024 vs. 2023 Inventory and Replacement Value" below

Transit

Major Types of Assets within Transit - Responsibility View

The figures below illustrate the replacement value and condition of Transit assets under the responsibility view. Under this view, the total replacement value of assets is $805.6 million. Consistent with the 2023 SOLI, Transit licensed vehicle assets, on road transit facilities, Transit IT infrastructure and specialty equipment are considered under the management of this service area. This SOLI analysis is based on like for like replacement and does not reflect potential increased replacement costs in the future. Overall, the Transit assets are in Good condition with only about 1% ($6.0 million) of the total asset base rated in Poor condition and less than 1% ($1.8 million) in Very Poor condition. It is important to note that assets classified in “Poor” and "Very Poor” condition are not considered to be unsafe; the condition indicates only that assets are nearing the end of an engineered useful life and may need to be replaced to avoid inflated maintenance costs.

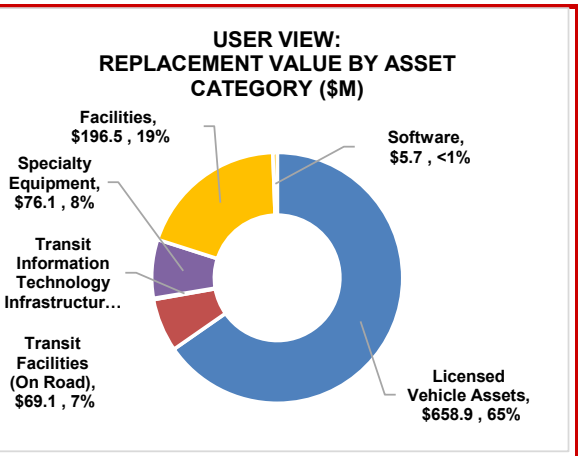


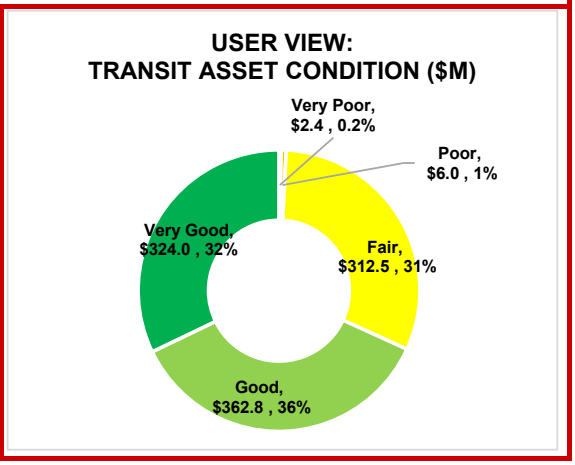


Data Source: Departmental Inventory and Asset Works (M5)

Major Types of Assets within Transit - User View

The figures below illustrate the replacement value and condition of Transit assets under the user view. Under the user view illustration, which also captures transit facilities and software, the replacement value is about $1.0 billion. Of this total, licensed vehicles continue to represent the largest share at $658.9 million. Over 68% of the assets are considered to be in Good to Very Good Condition. Less than 2% of assets are in Poor and Very Poor condition. As above, assets classified in “Poor” and Very Poor” condition are not considered to be unsafe; the condition indicates only that assets are nearing the end of an engineered useful life and may need to be replaced to avoid inflated maintenance costs.

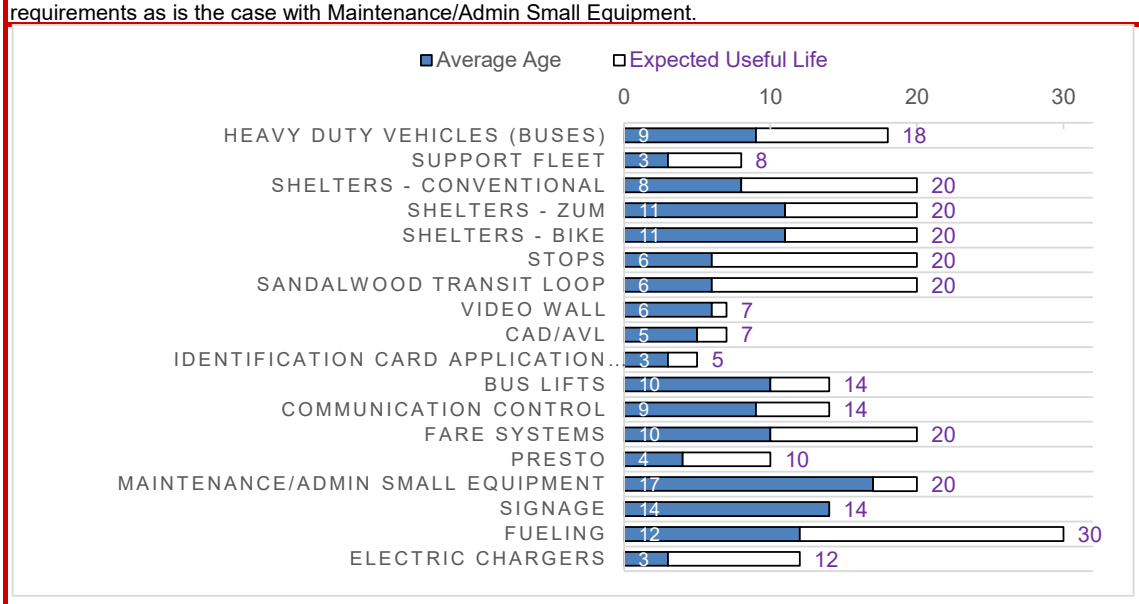




Transit

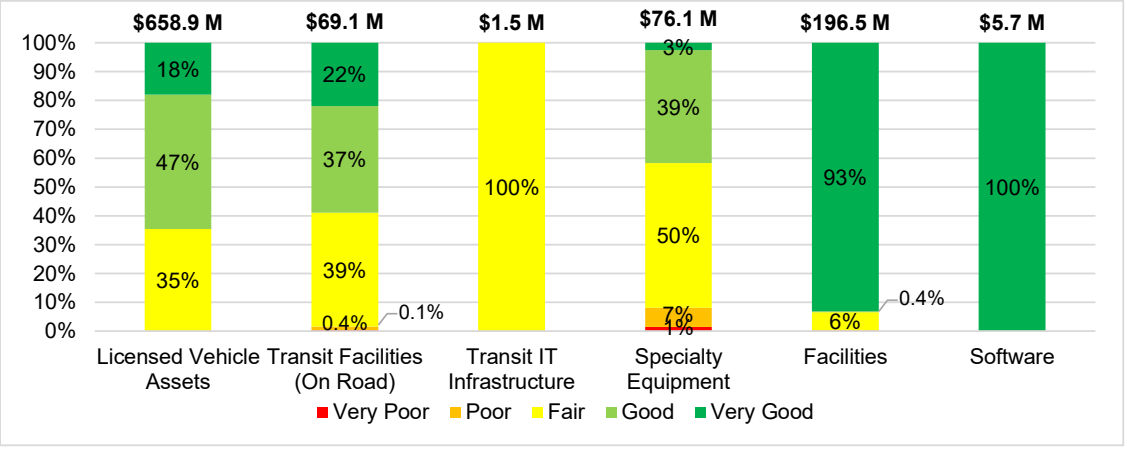
Age Summary

The following figure summarizes the average age of the City's Transit Assets compared to the expected useful life of each asset category. The methodology applied to undertake the average age profile analysis considers the age weighted by replacement value of each asset, which influences average asset age and remaining useful life illustrated. It is important to emphasize that the age of an asset relative to its useful life does not always provide a complete picture of its actual condition, and an asset can often perform at an expected level to meet service requirements as is the case with Maintenance/Admin Small Equipment.



Condition Summary

The figure below illustrates the condition of the various Transit assets by key sub-component areas based on the user view. While the assets are generally in Good to Very Good condition, specialty equipment has 7% of assets in Poor condition and 1% in Very Poor condition. The Poor assets in this category relate to technology systems and bus hoists reaching the end of their useful life, which are still regularly maintained and safe for use. One Bus Lift is in Very Poor condition and has been taken out of operation. Additionally, there is a small percentage of Transit on-road facilities which are reported in Poor and Very Poor condition. These assets are regularly inspected and continue to be operational and in working order while anticipated to be serviced or replaced over the short-term. The small portion of Very Poor assets under Licensed Vehicle Assets pertain to Support Fleet vehicles. The condition rating for these assets is based on age, and does not necessarily reflective of actual asset condition. These are not public facing assets and are regularly maintained to ensure they are in safe, working order.



Comparison of 2024 vs. 2023 Inventory and Replacement Value

The tables below outline the difference in Transit assets in the 2024 SOLI relative to the 2023 SOLI while considering reporting under the two different views. Please note, the 2023 SOLI is shown as it was reported (i.e. in $2024). The values for the 2024 SOLI are in $2025.

Under the responsibility view framework, the total replacement value of Transit assets has increased by 20% from approximately $671.5 million to $805.6 million. The increase in value is attributed to increases to the bus inventory and overall costs since the last report. When looking at individual assets, a large increase is seen in the value of Licensed Vehicle Assets as the overall cost increases have been significant since 2023. Recent costing data was provided and used for Licensed Vehicle Assets and Support Fleet, while the remaining asset replacement values were inflated by the Machinery & Equipment Price Index (M&E) from the values identified in the 2023 SOLI (which were reported in $2024). Additional information on the indices applied to each asset class can be found in Table 5 of this report.

When considering the Transit Facilities and Software, the value of Transit assets increased by 13% (or $113.0 million) from the value reported in 2023 after inflationary adjustments. Although the overall value has increased, there has been a 10% decrease ($21.4 million) in Facilities assets as new cost data was used and is more reflective of current costs.

Please note, the Facilities and IT report cards include additional information (including the inflation measure applied) on those assets used by Transit Services but maintained and managed by a different City department.

Asset	2023 SOLI		2024 SOLI	
Licensed Vehicle Assets	504	Each	568	Each
Transit Facilities (On Road)	3,445	Each	3,492	Each
Transit Information Technology Infrastructure	43	Each	43	Each
Specialty Equipment				
Bus Lifts	34	Each	34	Each
Communication Control	4	Each	4	Each
Fare Systems	498	Each	498	Each
Presto	1,082	Each	1,082	Each
Maintenance/Admin Small Equipment	9	Each	9	Each
Signage	3,117	Each	3,181	Each
Fueling	5	Each	5	Each
Electric Chargers	5	Each	5	Each
Facilities	8	Each	8	Each
Software	2	Each	2	Each

Asset	2023 SOLI ($2024)	2024 SOLI ($2025)	Difference	
1. Assets Managed by Other Service Areas*				
Facilities	$ 217,854,241	$ 196,455,774	$ (21,398,467)	-10%
Software	$ 5,343,080	$ 5,689,391	$ 346,311	6%
Subtotal Assets Managed by Other Service Areas	**$ 223,197,322**	**$ 202,145,165**	**$ (21,052,157)**	**-9%**
2. Assets Managed by Transit Services				
Licensed Vehicle Assets	$ 533,186,187	$ 658,923,104	$ 125,736,917	24%
Transit Facilities (On Road)	$ 65,475,890	$ 69,068,262	$ 3,592,372	5%
Transit Information Technology Infrastructure	$ 1,419,788	$ 1,512,108	$ 92,320	7%
Specialty Equipment				
Bus Lifts	$ 25,803,567	$ 27,476,021	$ 1,672,453	6%
Communication Control	$ 17,384,581	$ 18,511,359	$ 1,126,778	6%
Fare Systems	$ 10,387,966	$ 11,061,260	$ 673,294	6%
Presto	$ 6,005,379	$ 6,394,617	$ 389,238	6%
Maintenance/Admin Small Equipment	$ 738,228	$ 806,236	$ 68,009	9%
Signage	$ 1,892,559	$ 2,022,315	$ 129,756	7%
Fueling	$ 1,608,768	$ 1,713,040	$ 104,272	6%
Electric Chargers	$ 7,615,503	$ 8,109,100	$ 493,597	6%
Subtotal Assets Managed by Transit Services (Responsibility View)	**$ 671,518,415**	**$ 805,597,421**	**$ 134,079,006**	***20%***
Total Replacement Value: User View (1+2)	**$ 894,715,736**	**$ 1,007,742,586**	**$ 113,026,850**	**13%**

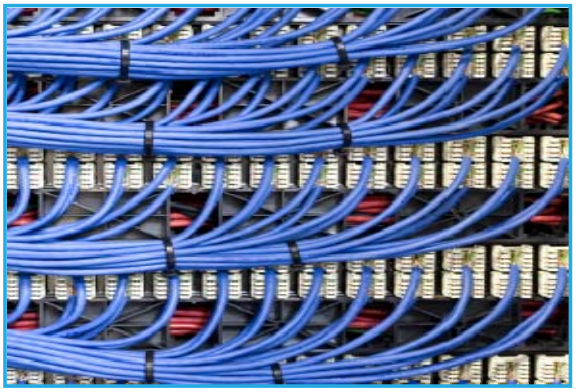
* Responsibility of managing the assets lies with another service area, but assets are used by Transit

Appendix

A.5

Information Technology

Information Technology



Asset Replacement Value:	$214.4 Million
Future Condition Trend (Next 10 Years):	Stable - Assets are replaced frequently and therefore remain in stable condition
Data Confidence & Reliability:	Medium (Age and Condition Based)

The 2024 SOLI analysis continues to report assets under two different asset representation perspectives: "**Responsibility View**" and a "**User View**"

Responsibility View: *Shows the assets under the service area that is responsible for managing them*
User View: *Shows the assets under the service area that is using them*

While the User View shows the use of assets, the Responsibility View:

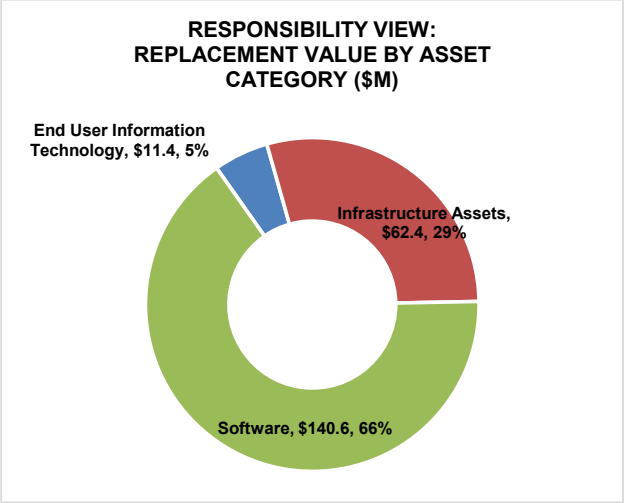
- ✓ provides a direct line of sight to those assets managed by the service area;
- ✓ will help prioritize lifecycle activities managed by the service area;
- ✓ aligns with industry best practices; and
- ✓ provides guidance to future asset management planning practice and departmental initiatives.

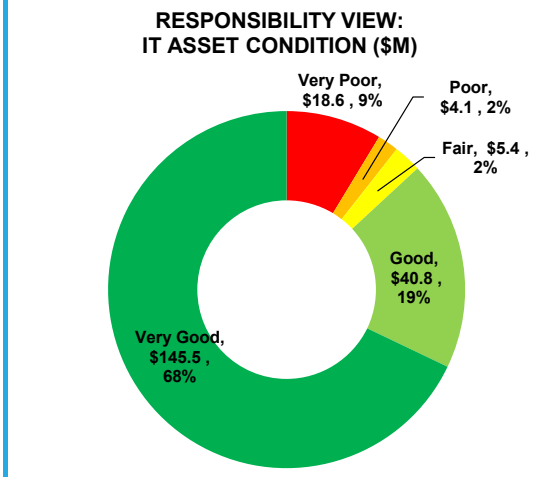
For IT, all assets are captured under the responsibility view as shown below (in $2025).

Asset Type	Replacement Value ($Millions)	Asset Inventory
Assets Managed by IT		
End User Information Technology	$11.4	10,198
Infrastructure Assets	$62.4	Pooled
Software	$140.6	116
Total Replacement Value (Responsibility View)	**$214.4**	**-**

Major Types of Assets within IT - Responsibility View

The figure below illustrates the replacement value and condition of IT services under the responsibility view. The total replacement value of IT assets is $214.4 million, of which, about 66% of the total value is related to the City's software assets (both Corporate and those used by other service areas). Approximately 87% of IT assets are in Good or Very Good condition, with only 11% of assets in Poor to Very Poor condition. As IT assets are replaced and serviced frequently, their condition will remain stable. Overall, the Corporate IT assets are in Good condition and are meeting current needs.

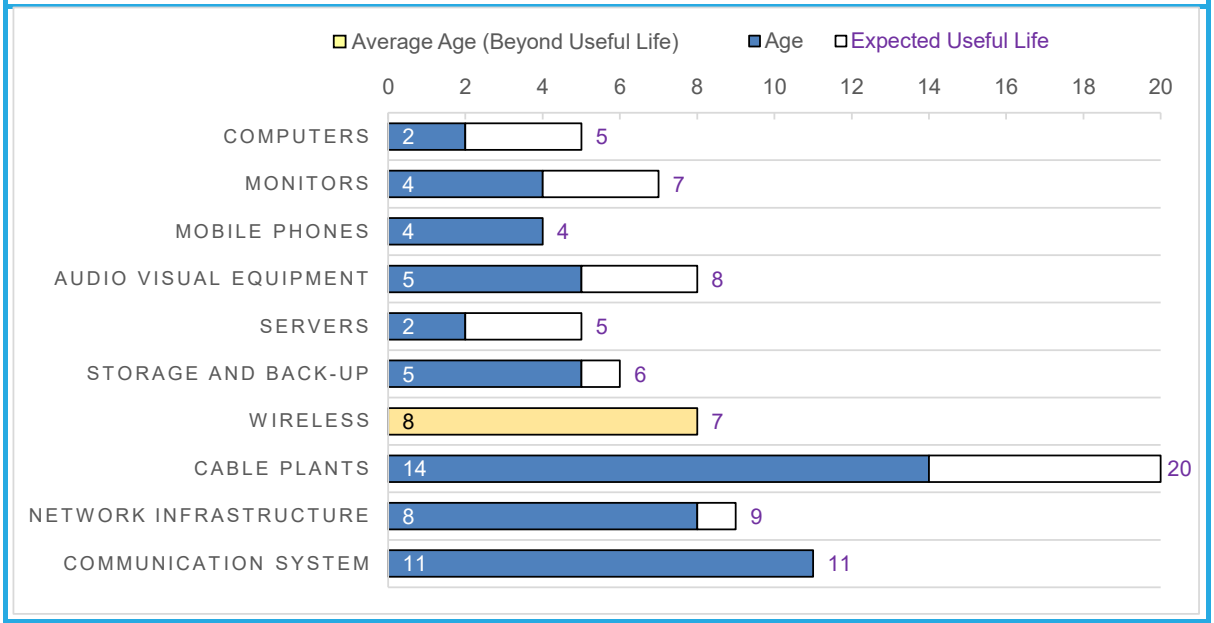




Data Source: Departmental Inventory

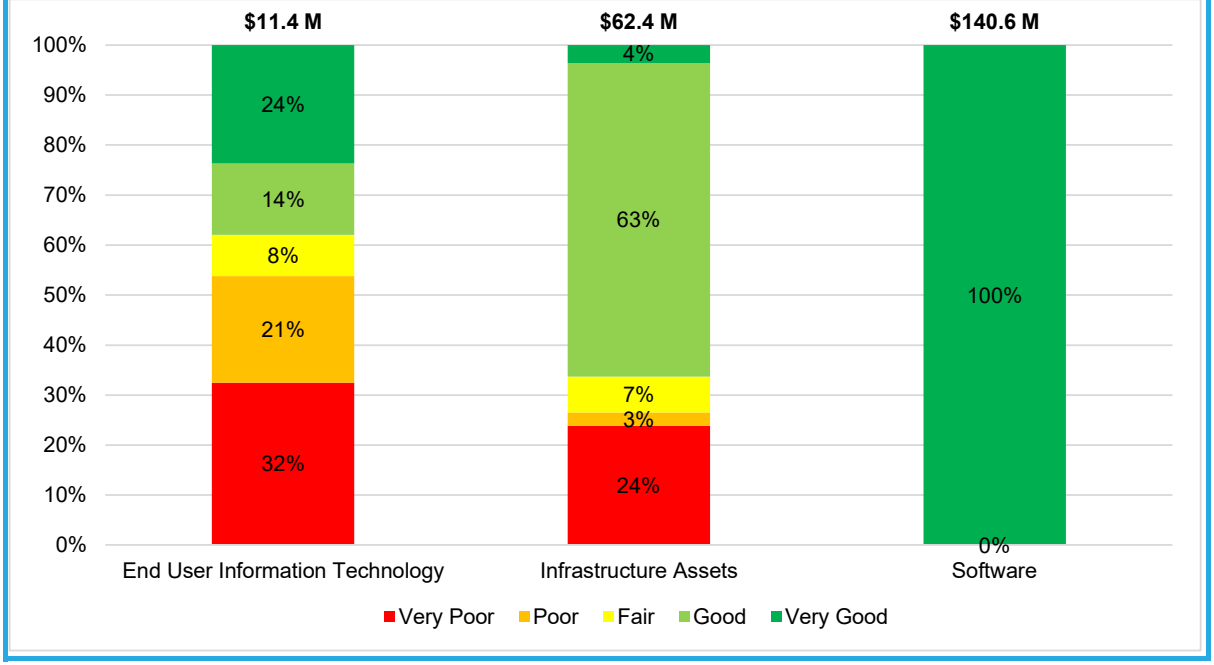
Age Summary

The following figure summarizes the average age of the City's IT Assets compared to the estimated useful life of each asset category. The methodology applied to undertake the average age profile analysis considers the age weighted by replacement value of each asset, which influences average asset age and remaining useful life illustrated. It is important to emphasize that the age of an asset relative to its useful life does not always provide a complete picture of its actual condition. Software has been left out of the age analysis below as it is a unique asset type.



Condition Summary

The figure below illustrates the condition of the three sub-component assets of Information Technology services under the responsibility view. Software and Infrastructure Assets are mostly in Good to Very Good Condition. With this said about 53% of End User IT assets are in Poor and Very Poor condition. This condition mostly relates to computers, mobile phones, and monitors which is based on age and indicates that these assets are nearing the end of an engineered useful life. In practice, these assets continue to be in good working condition and stay in use until they break or are unable to provide the desired levels of service.



Comparison of 2024 vs. 2023 Inventory and Replacement Value

The tables below outline the difference in IT assets in the 2024 SOLI relative to the 2023 SOLI, while considering reporting under the responsibility view. Please note, the 2023 SOLI is shown as it was reported (i.e. in $2024). The values for the 2024 SOLI are in $2025.

The total value of IT assets has increased from approximately $189.6 million to $214.4 million. The increase in value can largely be attributed to cost increases since the last report. The asset replacement values were inflated by the Machinery & Equipment Price Index (M&E) from the values identified in the 2023 SOLI (which were reported in $2024). Further information on the indices applied to each asset class can be found in Table 5 of this report. The 2024 SOLI includes several additional Audio Visual Equipment assets than previously reported in 2023. Additionally, the inclusion of a more robust valuation for software (i.e. the workforce software, software for development services) and other software accounts for some of the variance.

Asset	2023 SOLI		2024 SOLI	
End User Information Technology				
Computers	3,538	Each	3,756	Each
Monitors	3,500	Each	4,000	Each
Mobile Phones	1,658	Each	1,794	Each
Audio Visual Equipment	237	Each	648	Each
Infrastructure Assets				
Servers	76	Each	89	Each
Storage And Back-Up	27	Each	26	Each
Wireless	806	Each	806	Each
Cable Plants	284,723	Meters	284,723	Metres
Network Infrastructure	671	Each	671	Each
Communication System	4,127	Each	4,127	Each
Software	110	Each	116	Each

Asset	2023 SOLI ($2024)	2024 SOLI ($2025)	Difference	
Assets Managed by IT				
End User Information Technology				
Computers	$ 6,768,393	$ 7,828,722	$ 1,060,329	16%
Monitors	$ 1,002,615	$ 1,220,114	$ 217,499	22%
Mobile Phones	$ 706,412	$ 830,433	$ 124,021	18%
Audio Visual Equipment	$ 464,824	$ 1,526,583	$ 1,061,759	228%
Infrastructure Assets				
Servers	$ 2,720,249	$ 3,962,789	$ 1,242,539	46%
Storage And Back-Up	$ 6,489,022	$ 6,838,216	$ 349,194	5%
Wireless	$ 2,221,941	$ 2,300,620	$ 78,679	4%
Cable Plants	$ 34,851,911	$ 37,110,831	$ 2,258,920	6%
Network Infrastructure	$ 7,002,600	$ 7,456,472	$ 453,872	6%
Communication System	$ 4,429,249	$ 4,716,330	$ 287,081	6%
Software	$ 122,908,540	$ 140,574,050	$ 17,665,510	14%
Total Replacement Value - Responsibility View	**$ 189,565,757**	**$ 214,365,159**	**$ 24,799,403**	**13%**

Appendix

A.6

City Support Fleet

City Support Fleet

Total Asset Replacement Value (excl. Software):	$69.4 Million
Future Condition Trend (Next 10 Years):	Stable - Assets are replaced frequently and therefore remain in stable condition
Data Confidence & Reliability:	Low-Medium (Age and Condition Based)

The 2024 SOLI analysis continues to report assets under two different asset representation perspectives: **"Responsibility View"** and **"User View"**

Responsibility View: *Shows the asset under the service area that is responsible for managing the capital needs*
User View: *Shows the assets under the service area that is using them*

While the User View shows the use of assets, the Responsibility View:

- ✓ provides a direct line of sight to those assets managed by the service area;
- ✓ will help prioritize lifecycle activities managed by the service area;
- ✓ aligns with industry best practices; and
- ✓ provides guidance to future asset management planning practice and departmental initiatives.

The table below illustrates the replacement value (in $2025) under the two different views.

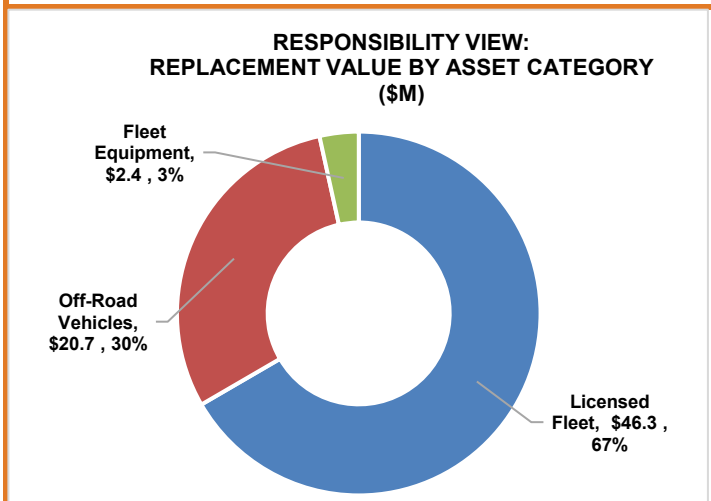
Asset Type	Replacement Value ($Millions)	Asset Inventory
1. Assets Managed by Other Service Areas but used by City Support Fleet		
Software (Moved to IT)	$5.3	2
Subtotal (User View)	*$5.3*	*2*
2. Assets Managed by Fleet and Used by Other Service Areas		
Licensed Fleet	$46.3	527
Off-Road Vehicles	$20.7	291
Fleet Equipment	$2.4	253
Subtotal (Responsibility View)	*$69.4*	*1,071*
Total Replacement Value (User + Responsibility View)	**$74.7**	**1,073**

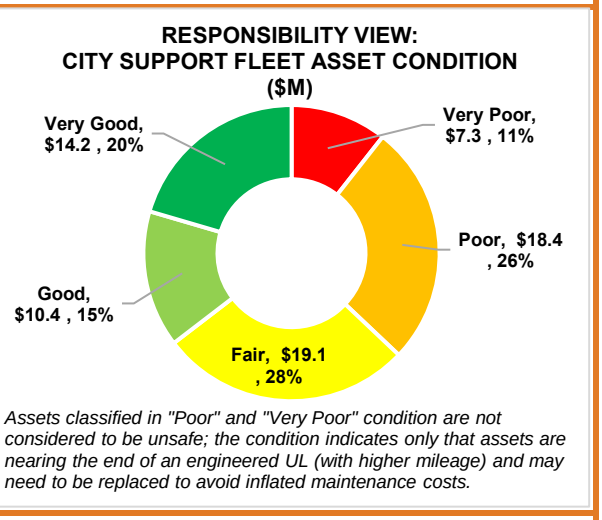
City Support Fleet excludes Transit and Fire Assets which are managed by their respective service areas.

City Support Fleet

Major Types of Assets within City Support Fleet - Responsibility View

The figure below illustrates the replacement value and condition of City Support Fleet assets under the responsibility view. Under this view, the total replacement value of assets is $69.4 million. Approximately 67% of the total value is related to the City's licensed fleet. About 35% of assets are considered to be in Good to Very Good condition. However, about 37% remain in Poor to Very Poor condition. The condition of City Support Fleet assets for the most part is based on age and/or vehicle mileage and not necessarily always reflective of the comprehensive asset condition. Assets classified in "Poor" and "Very Poor" condition are not considered to be unsafe; the condition indicates that assets are nearing the end of an engineered UL (with higher mileage) and may need to be replaced to avoid inflated maintenance costs.



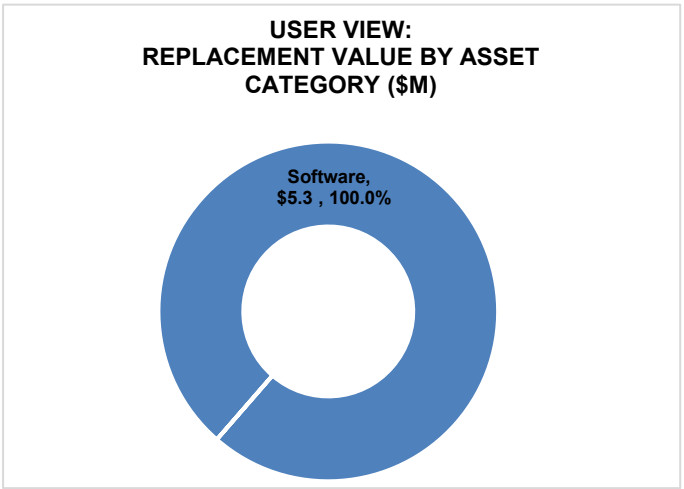


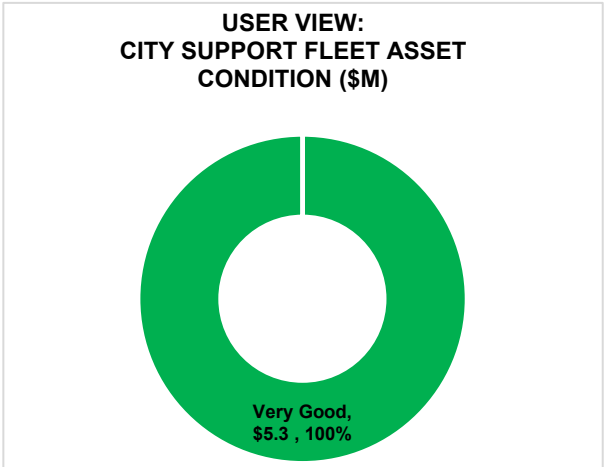
Assets classified in "Poor" and "Very Poor" condition are not considered to be unsafe; the condition indicates only that assets are nearing the end of an engineered UL (with higher mileage) and may need to be replaced to avoid inflated maintenance costs.

Data Source: Assetworks M5-Fleet Management Solution

Major Types of Assets within City Support Fleet - User View

The figures below illustrate the replacement value and condition of City Support Fleet assets under the user view. Under the user view illustration, which captures software, the replacement value is about $5.3 million. All software assets are considered to be in Very Good condition.

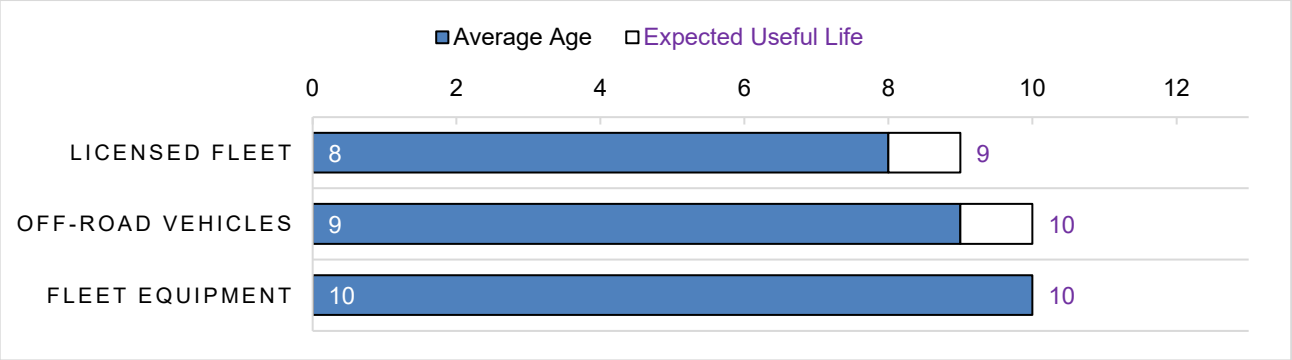




City Support Fleet

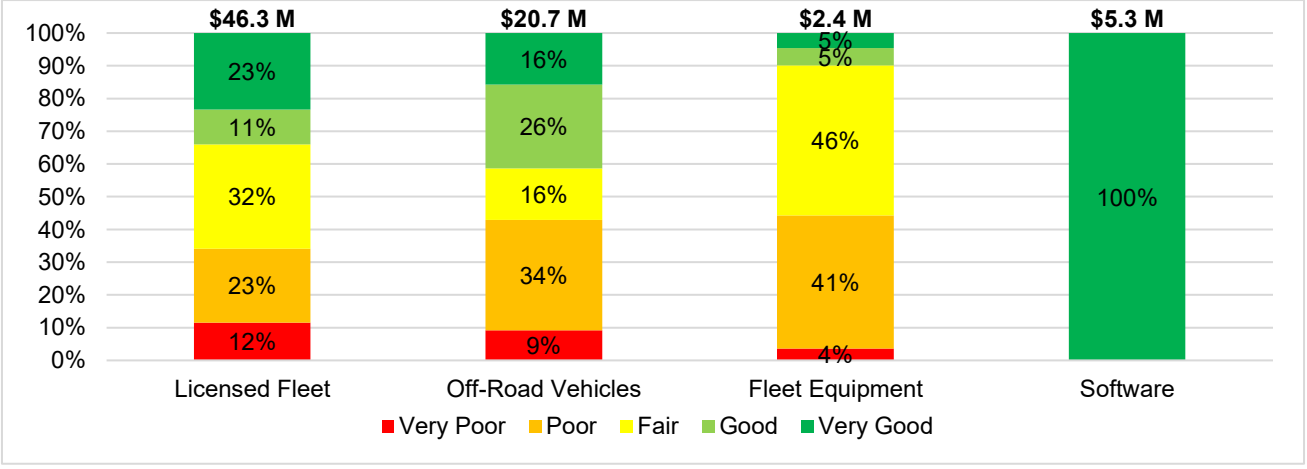
Age Summary

The following figure summarizes the average age of the City Support Fleet assets compared to the expected useful life of each asset category. The methodology applied to undertake the average age profile analysis considers the age weighted by replacement value of each asset, which influences average asset age and remaining useful life illustrated.



Condition Summary

The figure below illustrates the condition of the various City Support Fleet assets by key sub-component areas based on the user and responsibility views. The percentages across the top of the graph represent each asset's share of the total replacement value. While a portion of the assets are in Good to Very Good condition, a share of the Licensed Fleet, Off-Road Vehicles and Fleet Equipment are in Poor or Very Poor condition. It is important to note that assets classified in "Poor" and "Very Poor" condition are not considered to be unsafe; the condition indicates only that assets are nearing the end of an engineered UL (with higher mileage) and may need to be replaced to avoid inflated maintenance costs.



City Support Fleet

Comparison of 2024 vs. 2023 Inventory and Replacement Value

The tables below outline the difference in City Support Fleet assets in the 2024 SOLI relative to the 2023 SOLI while considering reporting under the two different views. Please note, the 2023 SOLI is shown as it was reported (i.e. in $2024). The values for the 2024 SOLI are in $2025.

Under the responsibility view framework, the total value of City Support Fleet assets has increased by 15% from approximately $60.4 million to $69.4 million. The increase in value can largely be attributed to cost increases since the last report. Additional information on the indices applied to each asset class can be found in Table 5 of this report. Conversely, when considering assets only used by City Support Fleet (i.e. Software), the total asset value is equal to $5.3 million.

Please note the IT report card will include additional information (including the inflation measure applied) on those assets used by City Support Fleet but maintained and managed by a different City department.

Asset	2023 SOLI		2024 SOLI	
Licensed Fleet	502	Each	527	Each
Off-Road Vehicles	299	Each	291	Each
Fleet Equipment	252	Each	253	Each
Software	2	Each	2	Each

Asset	2023 SOLI ($2024)	2024 SOLI ($2025)	Difference	
1. Assets Managed by Other Service Areas and Used by City Support Fleet*				
Software	$ 3,887,512	$ 5,268,212	$ 1,380,700	36%
Subtotal Replacement Value - User View	**$ 3,887,512**	**$ 5,268,212**	**$ 1,380,700**	***36%***
2. Assets Managed by City Support Fleet and Used by Other Service Areas				
Licensed Fleet	$ 38,534,391	$ 46,254,116	$ 7,719,725	20%
Off-Road Vehicles	$ 19,676,514	$ 20,716,485	$ 1,039,971	5%
Fleet Equipment	$ 2,150,042	$ 2,412,399	$ 262,357	12%
Subtotal Replacement Value - Responsbility View	**$ 60,360,947**	**$ 69,383,000**	**$ 9,022,053**	***15%***
Total Replacement Value (User + Responsibility View)	**$ 64,248,459**	**$ 74,651,212**	**$ 10,402,753**	**16%**

*Responsibility of managing the assets lies with another service area, but assets are used by City Support Fleet

Appendix

A.7

Fire Services

Fire Services

Total Asset Replacement Value:	$86.4 Million
Total Asset Replacement Value Including Facilities:	$251.4 Million
Future Condition Trend (Next 10 Years):	Declining - As assets age they may require attention in the future
Data Confidence & Reliability:	Age and Condition Based

The 2024 SOLI analysis is being reported under two different asset representation perspectives: **"Responsibility View"** and **"User View"** representation

Responsibility View: *Shows the assets under the service area that is responsible for managing the capital needs.*

User View: *Shows the assets under the service area that is using them*

The responsibility view is also being illustrated in this 2024 SOLI as it is an important viewpoint from an Asset Management Planning perspective. The responsibility view:

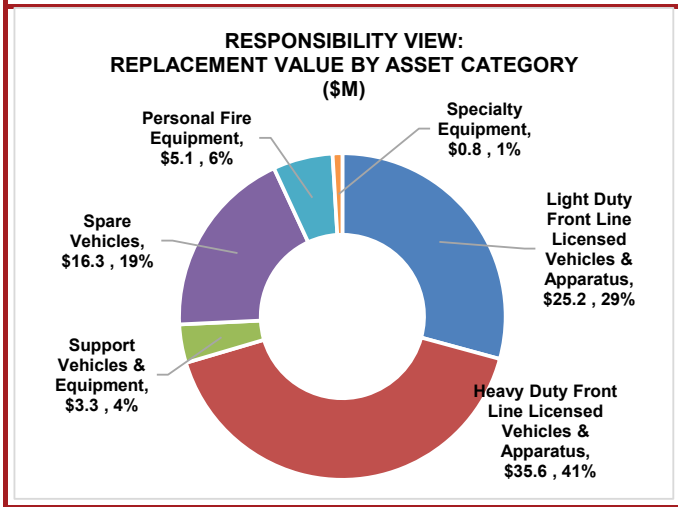
- ✓ provides a direct line of sight to those assets managed by the service area;
- ✓ will help prioritize lifecycle activities managed by the service area;
- ✓ aligns with industry best practices; and
- ✓ provides guidance to future asset management planning practice and departmental initiatives.

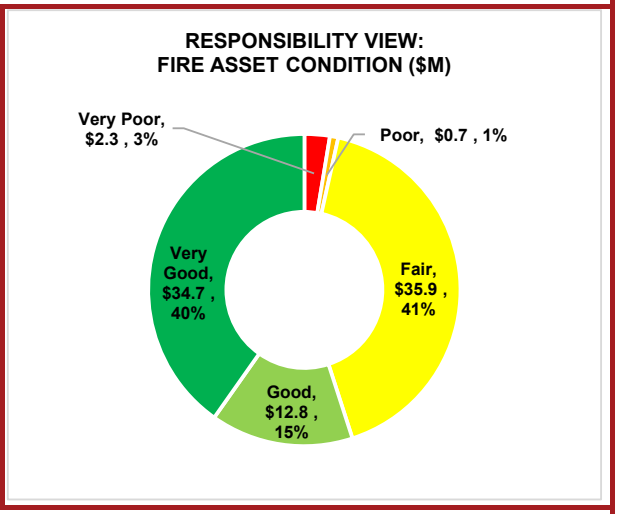
The table below illustrates the replacement value (in $2025) under the two different views.

Asset Type	Replacement Value ($Millions)	Asset Inventory
Assets Managed by Fire Services		
Light Duty Front Line Licensed Vehicles & Apparatus	$25.2	28
Heavy Duty Front Line Licensed Vehicles & Apparatus	$35.6	16
Support Vehicles & Equipment	$3.3	36
Spare Vehicles	$16.3	21
Personal Fire Equipment	$5.1	1,306
Specialty Equipment	$0.8	8
Subtotal Assets Managed by Fire Services (Responsibility View)	*$86.4*	-
Assets Managed by Other Service Areas		
Fire Services Facilities	*$159.9*	*18*
Fire Services Software	*$5.2*	*3*
Total Replacement Value (User View)	**$251.4**	-

Major Types of Assets within Fire Services - Responsibility View

The figure below illustrates the replacement value and condition of Fire Services assets under the responsibility view. Under this view, the total replacement value of assets is $86.4 million. Of this total, more than 90% is related to the Fire fleet (including front line licensed vehicles & apparatus, support vehicles & equipment and spare vehicles). About 55% of the assets are considered to be in Good to Very Good condition, with 41% of assets being reported in Fair condition. Approximately 4% of the assets for Fire Services are in Poor or Very Poor condition, represented almost entirely by aging support vehicles reaching the end of their useful lives.

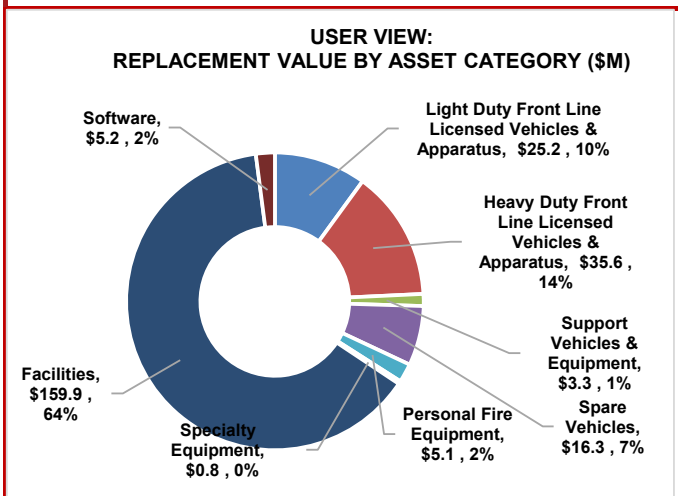


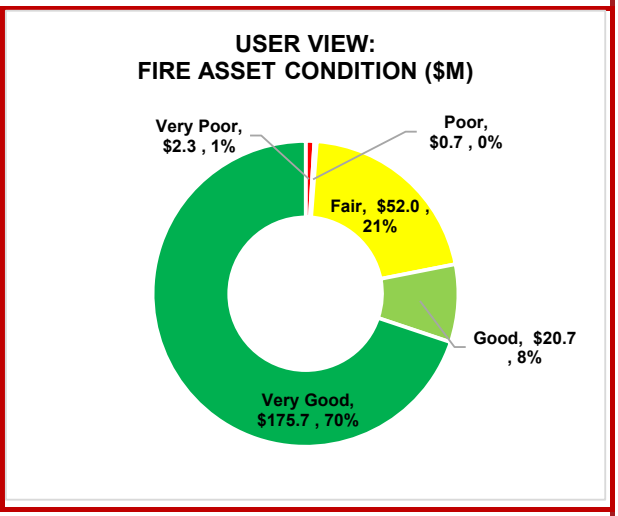


Data Source: M5 and City Databases

Major Types of Assets within Fire Services - User View

The figures below illustrate the replacement value and condition of Fire Services assets under the user view. Under the user view illustration which also captures facilities and software, the replacement value is about $251.4 million. Approximately 78% of the assets are considered to be in Good to Very Good Condition.

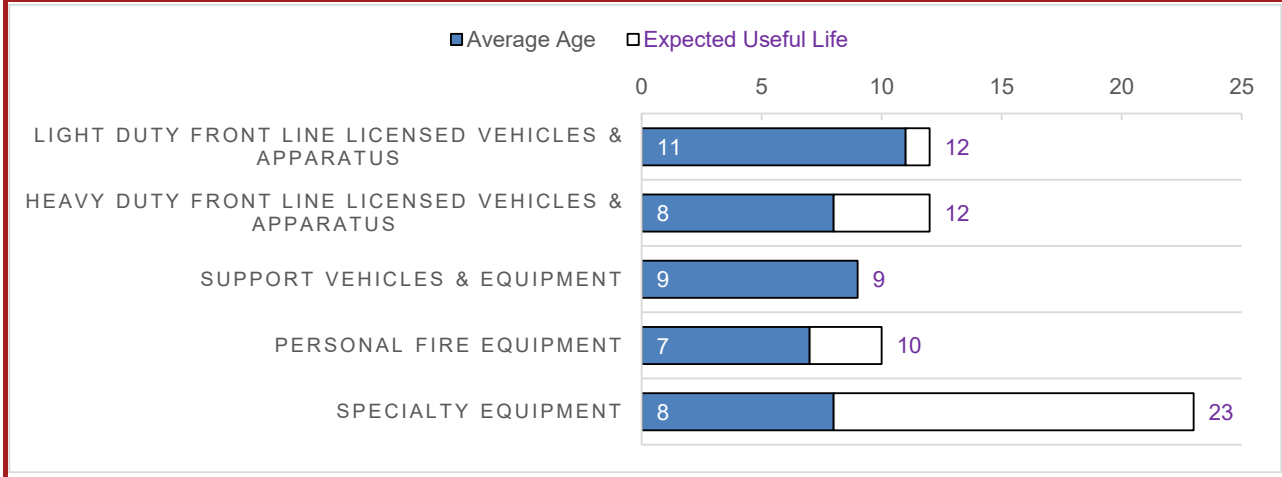




Data Source: M5, City Databases, Suncorp valuations report (for facilities)

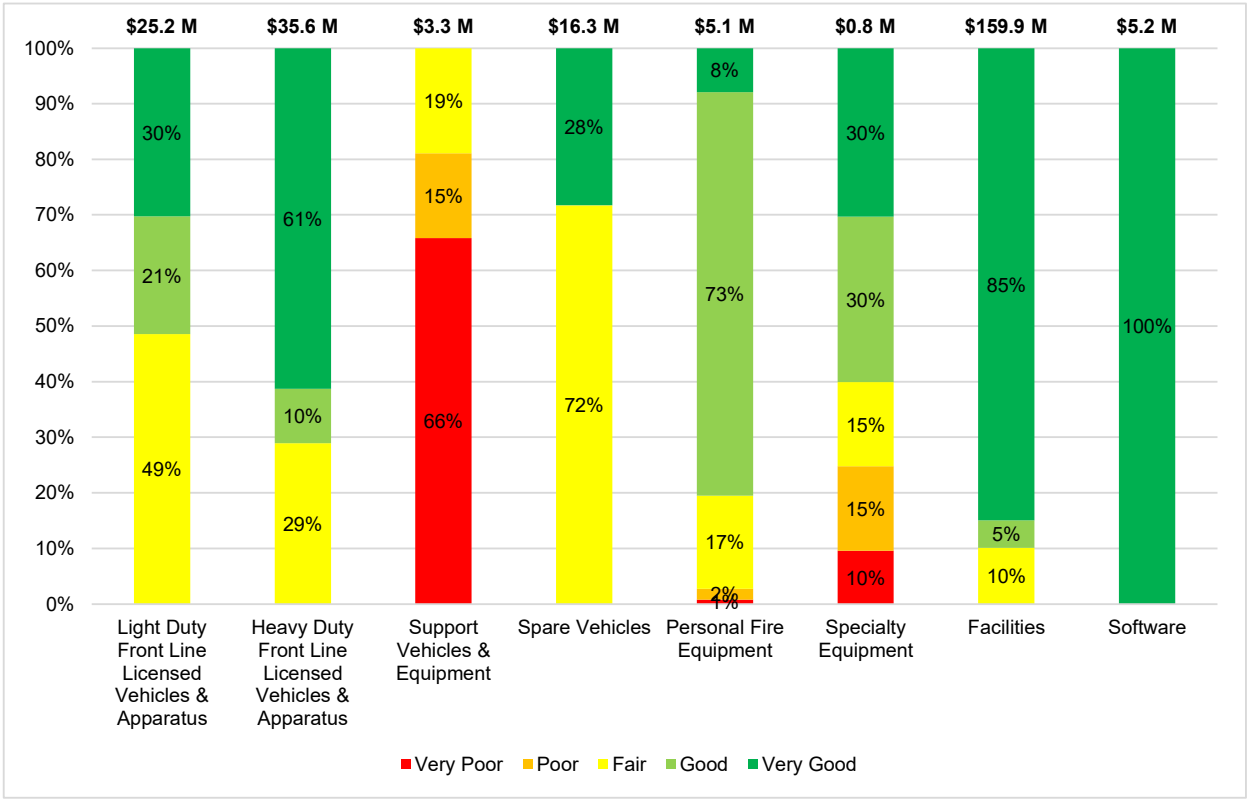
Age Summary

The following figure summarizes the average age of the City's Fire Assets compared to the expected useful life of each asset category. The methodology applied to undertake the average age profile analysis considers the age weighted by replacement value of each asset, which influences average asset age and remaining useful life illustrated. It is important to emphasize that the age of an asset relative to its useful life does not always provide a complete picture of its actual condition. Spare vehicles have been left out of the age analysis below.



Condition Summary

The figure below illustrates the condition of the eight sub-component assets of Fire Services. The percentages across the top of the graph represent each asset's share of the total replacement value. Facilities are generally in Good to Very Good condition. Almost all assets in Very Poor condition are attributable to support vehicles and specialty equipment, but do not represent a safety issue or preclude Fire Services from delivering services to meet the needs of residents.



Comparison of 2024 vs. 2023 Inventory and Replacement Value

The tables below outlines the difference in Fire Services assets in the 2023 SOLI relative to the 2024 SOLI, while considering reporting under the two different views. Please note, the 2023 SOLI is shown as it was reported (i.e. in $2024). The values for the 2024 SOLI are in $2025.

Under the responsibility view framework, the value of Fire Services assets has decreased by 13% from approximately $99.8 million to $86.4 million. This decrease can be attributed to updated inventories of vehicles, which have seen a decrease in total assets under each category from 2023 to 2024. Additional information on the indices applied to each asset class can be found in Table 5 of this report.

When considering the Fire Services Facilities and Software (user view assets), the replacement value has increased from about $161.3 million to $165.0 million (2%). The increase in facilities valuation is related to the addition of one additional facility: Fire Station 201. Furthermore, the total value of Fire Services assets represents an decrease of 4% (or $9.6 million) from the value reported in 2023 before any inflationary adjustments.

Please note, the Facilities and IT report cards will include additional information (including the inflation measure applied) on those assets used by Fire Services but maintained and managed by a different City department.

Asset	2023 SOLI		2024 SOLI	
Light Duty Front Line Licensed Vehicles & Apparatus	29	Each	28	Each
Heavy Duty Front Line Licensed Vehicles & Apparatus	17		16	Each
Support Vehicles & Equipment	44	Each	36	Each
Spare Vehicles	25	Each	21	Each
Personal Fire Equipment	1,289	Each	1,306	Each
Specialty Equipment	8	Each	8	Each
Facilities	17	Each	18	Each
Software	3	Each	3	Each

Asset	2023 SOLI ($2024)	2024 SOLI ($2025)	Difference	
1. Assets Managed by Other Service Areas*				
Facilities	$ 156,405,476	$ 159,863,580	$ 3,458,104	2%
Software	$ 4,867,180	$ 5,182,646	$ 315,465	6%
Subtotal Assets Managed by Other Service Areas	**$ 161,272,657**	**$ 165,046,226**	**$ 3,773,569**	**2%**
2. Assets Managed by Fire Services				
Light Duty Front Line Licensed Vehicles & Apparatus	$ 26,426,000	$ 25,220,520	$ (1,205,480)	-5%
Heavy Duty Front Line Licensed Vehicles & Apparatus	$ 36,600,000	$ 35,598,000	$ (1,002,000)	-3%
Support Vehicles & Equipment	$ 3,741,200	$ 3,285,624	$ (455,576)	-12%
Spare Vehicles	$ 27,519,000	$ 16,339,380	$ (11,179,620)	-41%
Personal Fire Equipment	$ 4,681,280	$ 5,102,932	$ 421,652	9%
Specialty Equipment	$ 805,800	$ 839,500	$ 33,700	4%
Subtotal Assets Managed by Fire Services (Responsibility View)	**$ 99,773,280**	**$ 86,385,956**	**$ (13,387,324)**	**-13%**
Total Replacement Value: User View (1+2)	**$ 261,045,937**	**$ 251,432,182**	**$ (9,613,755)**	**-4%**

*Responsibility of managing the assets lies with another service area, but assets are used by Fire Services

Appendix

A.8

Parks

Parks

Total Asset Replacement Value:	$765.3 Million
Total Asset Replacement Value Including Facilities, City Support Fleet and Software	$815.1 Million
Future Condition Trend (Next 10 Years):	Declining - As assets age they may require attention in the future
Data Confidence & Reliability:	Age & Condition Based

The 2024 SOLI analysis continues to report assets under two different asset representation perspectives: **"Responsibility View"** and a **"User View"** representation

Responsibility View: *Shows the assets under the service area that is responsible for managing the capital needs*
User View: *Shows the assets under the service area that is using them*

- ✓ provides a direct line of sight to those assets managed by the service area;
- ✓ will help prioritize lifecycle activities managed by the service area;
- ✓ aligns with industry best practices; and
- ✓ provides guidance to future asset management planning practice and departmental initiatives.

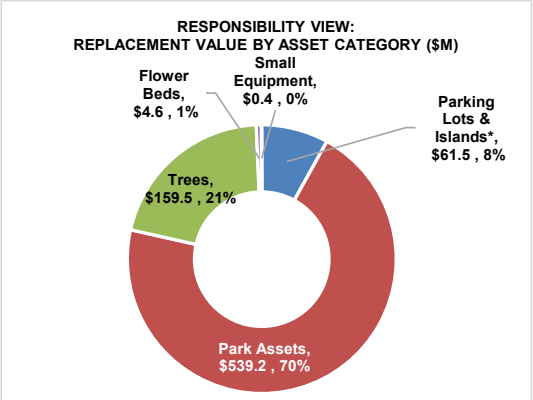
The table below illustrates the replacement value (in $2025) under the two different views.

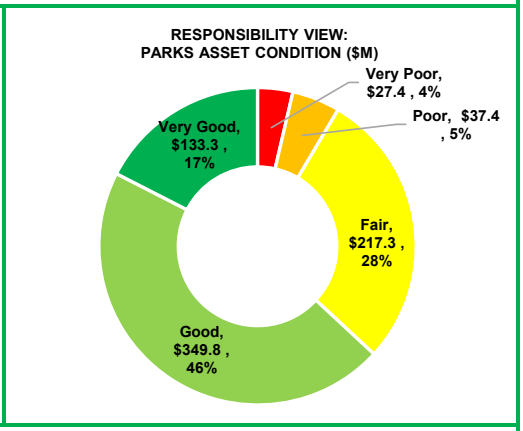
Asset Type	Replacement Value ($Millions)	Asset Inventory
Assets Managed by Parks Services		
Parking Lots & Islands	$61.5	751,062 Square Metres
Small Engine Equipment	$0.4	547 Each
Trees	$159.5	260,567 Each
Flower Beds	$4.6	1,446 Each
Park Assets		
Parks	$108.7	1,127 Hectares
Natural Heritage Lands*	-	1,529 Hectares
Park Furnishing	$4.4	5,071 Each
Playgrounds	$119.4	348 Each
Shade Structures	$49.0	345 Each
Splash Pads & Outdoor Pools	$5.1	11 Each
Fitness Equipment	$1.8	55 Each
Skate Parks	$2.1	4 Each
Sports Facilities	$157.5	1,121 Each
Pathways	$91.2	306,940 Metres
Subtotal Assets Managed by Parks (Responsibility View)	*$765.3*	-
Assets Managed by Other Service Areas		
Parks Facilities	$23.3	19 Each
City Support Fleet Used by Parks	$26.2	521 Each
Software Used by Parks	$0.3	1 Each
Total Replacement Value (User View)	**$815.1**	-

** City intends to valuate Natural Heritage Lands in the future SOLI/AMP iterations*

Major Types of Assets within Parks - Responsibility View

The figure on the below illustrates the replacement value and condition of Parks assets under the responsibility view. Under the responsibility view, the total replacement value of the Parks assets is $765.3 million. Of the $765.3 million replacement value, about 70%, or $539.2 million, is attributed to park assets, which include sports facilities infrastructure, pathways, playgrounds, etc. Furthermore, about 21%, or $159.5 million is attributed to trees. The remaining assets are valued as detailed below. As the Parks infrastructure is in overall Good condition, the infrastructure is meeting current needs, however, these assets may require attention as they age over time. Only about 9% of assets are considered to be in Poor and Very Poor Condition.

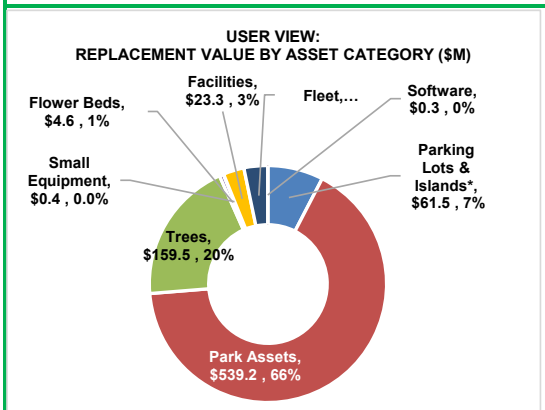


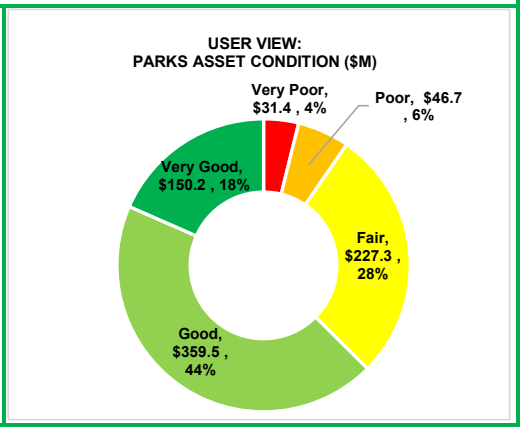


Data Source: Departmental Inventories, GIS database, City of Brampton 2019 DC Background Study

Major Types of Assets within Parks - User View

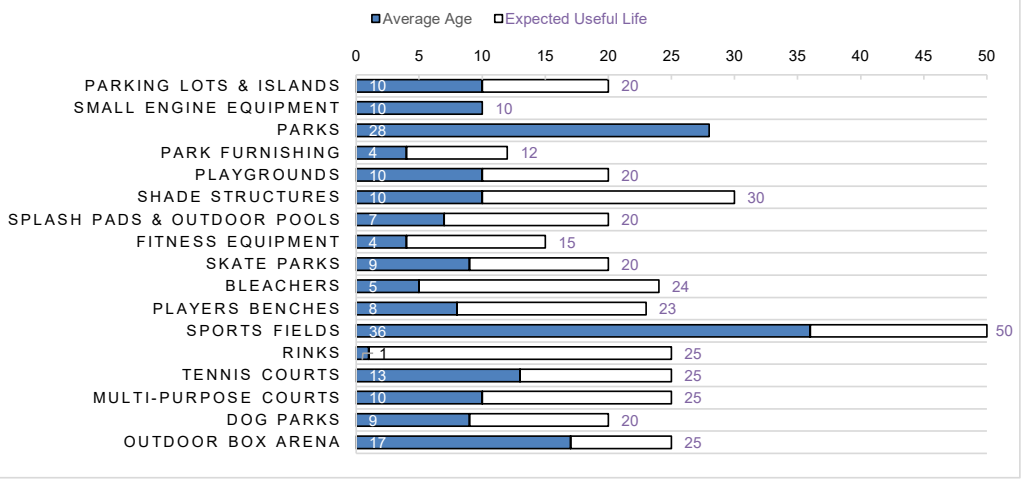
The figures below illustrate the replacement value and condition of Parks assets under the user view. Under the user view illustration which also captures facilities, fleet and software, the replacement value is about $815.1 million. Of this total, the Park Assets continue to represent the largest share at $539.2 million of the assets considered. Facilities assets add $23.3 million to the total replacement value while Fleet adds $26.2 million and Software adds $0.3 million. Approximately 62% of the assets used by Parks are considered to be in Good to Very Good Condition. Only 10% of assets are in Very Poor condition - this does not mean the assets are unsafe.





Age Summary

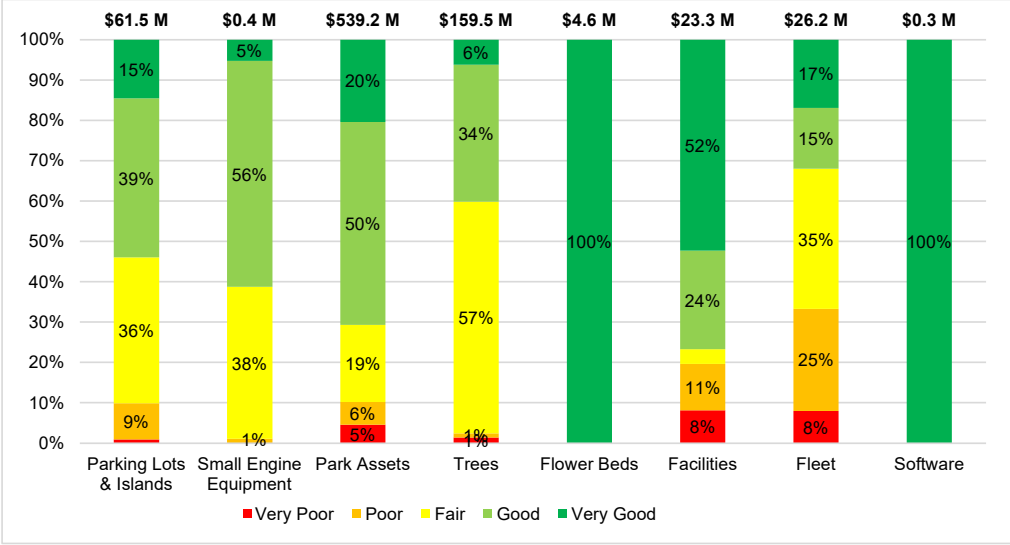
The following figure summarizes the average age of the City's Parks Assets compared to the expected useful life of each asset category. The methodology applied to undertake the average age profile analysis considers the age weighted by replacement value of each asset, which influences average asset age and remaining useful life illustrated. It is important to emphasize that the age of an asset relative to its useful life does not always provide a complete picture of its actual condition. The condition of assets is monitored and improved upon due to ongoing maintenance and component replacements.



Note: Natural Heritage Lands are excluded from the Age table as they are conidered perpetual assets.

Condition Summary

The figure below illustrates the condition of the various Parks assets by key sub-component areas based on the user view. The percentages across the top of the graph represent each asset's share of the total replacement value. While the assets are generally in Good condition, a small portion of Park Assets, Trees, Facilities and Fleet are in Very Poor condition. These condition assessments do not indicate that the assets are unsafe; generally these assets are nearing the end of their useful life and are due for replacement in the near future. Poor and Very Poor assets do not represent a safety issue or preclude service areas from delivering services to meet the needs of residents and will be addressed through the budget.



Comparison of 2023 vs. 2022 Inventory and Replacement Value

The tables below outline the difference in Parks assets in the 2024 SOLI relative to the 2023 SOLI while considering reporting under the two different views. Please note, the 2023 SOLI is shown as it was reported (i.e. in $2024). The values for the 2024 SOLI are in $2025.

Under the responsibility view framework, the total value of Parks assets has increased by 6% from approximately $720.5 million to $765.3 million. The increase in value can largely be attributed to cost increases since the last report. Where available, recent costing data was used such as for Parking Lots, Pathways, Playgrounds, Shade Structures, and Trees, while the remaining asset replacement values were inflated by the either the Non-Residential Building Construction Price Index (NRCPI) or the Machinery & Equipment Price Index (M&E) from the values identified in the 2023 SOLI (which were reported in $2024). Additional information on the indices applied to each asset class can be found in Table 5 of this report. Although the overall replacement value has increased, splash pads and outdoor pools have fallen by 10% due to the reclassifcation of the Dixie Sandalwood Splash Pad to Recreation. The significant total increases reported under parking lots and islands, Park Furnishings, Shade Structures, Fitness Equipment, and Pathways can be attributed to updated inventories or increased unit costs.

When considering the facilities, fleet and IT assets, the total value has increased by about $983,000 from the value reported in 2023 before inflationary adjustments.

Please note that Facilities, City Support Fleet and IT report cards include additional information (including the inflation measure applied) on those assets used by Parks but maintained and managed by different City departments.

Asset	2023 SOLI		2024 SOLI	
Parking Lots & Islands*	678,428	Square Metres	751,062	Square Metres
Small Equipment	547	Each	547	Each
Trees	257,462	Each	260,567	Each
Flower Beds	1,593	Each	1,446	Each
Park Assets				
Parkland (Excluding Natural Heritage Lands)	1,125	Hectares	1,127	Hectares
Natural Heritage Lands	1,645	Hectares	1,529	Hectares
Park Furnishing	4,735	Each	5,071	Each
Playgrounds	348	Each	348	Each
Shade Structures	303	Each	345	Each
Splash Pads & Outdoor Pools	12	Each	11	Each
Fitness Equipment	43	Each	55	Each
Skate Parks	4	Each	4	Each
Sports Facilities	1,110	Each	1,121	Each
Pathways	303,795	Metres	306,940	Metres
Facilities	19	Each	19	Each
Fleet	524	Each	521	Each
Software	1	Each	1	Each

Asset	2023 SOLI ($2024)	2024 SOLI ($2025)	Difference	
1. Assets Managed by Other Service Areas**				
Facilities	$ 22,219,281	$ 23,281,531	$ 1,062,250	5%
Fleet	$ 26,588,825	$ 26,243,408	$ (345,416)	-1%
Software	$ -	$ 266,204	$ 266,204	
Subtotal Assets Managed by Other Service Areas	**$ 48,808,105**	**$ 49,791,143**	**$ 983,038**	***2%***
2. Assets Managed by Parks Services				
Parking Lots & Islands*	$ 54,177,059	$ 61,543,547	$ 7,366,488	14%
Small Equipment	$ 420,210	$ 447,446	$ 27,236	6%
Trees	$ 157,566,744	$ 159,467,004	$ 1,900,260	1%
Flower Beds	$ 4,542,047	$ 4,597,617	$ 55,571	1%
Park Assets				
Parkland (Excluding Natural Heritage Lands)	$ 105,877,490	$ 108,703,696	$ 2,826,207	3%
Natural Heritage Lands	$ -	$ -	$ -	0%
Park Furnishing	$ 3,882,258	$ 4,439,972	$ 557,714	14%
Playgrounds	$ 112,873,635	$ 119,359,100	$ 6,485,465	6%
Shade Structures	$ 42,469,003	$ 49,033,163	$ 6,564,160	15%
Splash Pads & Outdoor Pools	$ 5,647,825	$ 5,070,705	$ (577,119)	-10%
Fitness Equipment	$ 1,546,372	$ 1,798,158	$ 251,787	16%
Skate Parks	$ 2,052,430	$ 2,102,391	$ 49,962	2%
Sports Facilities	$ 153,360,431	$ 157,519,698	$ 4,159,267	3%
Pathways	$ 76,060,241	$ 91,220,515	$ 15,160,274	20%
Subtotal Assets Managed by Parks Services (Responsibility View)	**$ 720,475,743**	**$ 765,303,014**	**$ 44,827,270**	***6%***
Total Replacement Value: User View (1+2)	**$ 769,283,849**	**$ 815,094,157**	**$ 45,810,308**	***6%***

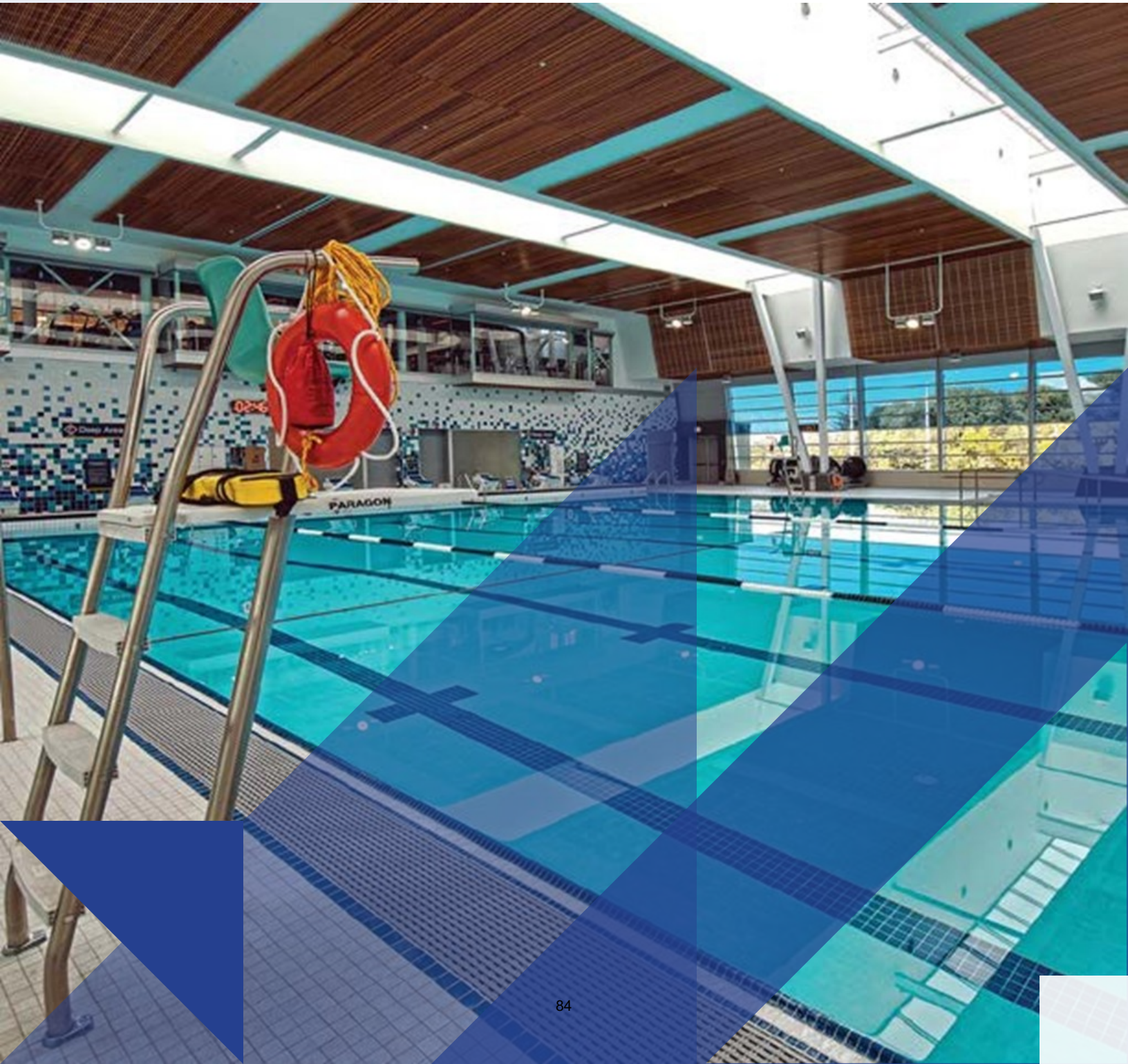
*In 2024 SOLI the City progressed to more detailed reporting of the Parking Lots & Islands in Square Metres as opposed to total count reported in the previous years

**Responsibility of managing the assets lies with another service area, but assets are used by Parks

Appendix

A.9

Recreation



Recreation

Total Asset Replacement Value:	$68.4 Million
Total Asset Replacement Value Including Facilities, City Support Fleet and Software:	$838.6 Million
Future Condition Trend (Next 10 Years):	Declining - As assets age they may require attention in the future
Data Confidence & Reliability:	Age & Condition Based

The 2024 SOLI analysis continues to report assets under two different asset representation perspectives: **"Responsibility View"** and **"User View"** representation

Responsibility View: *Shows the assets under the service area that is responsible for managing them*
User View: *Shows the assets under the service area that is using them*

While the User View shows the use of assets, the Responsibility View:

- ✓ provides a direct line of sight to those assets managed by the service area;
- ✓ will help prioritize lifecycle activities managed by the service area;
- ✓ aligns with industry best practices; and
- ✓ provides guidance to future asset management planning practice and departmental initiatives.

The table below illustrates the replacement value (in $2025) under the two different views.

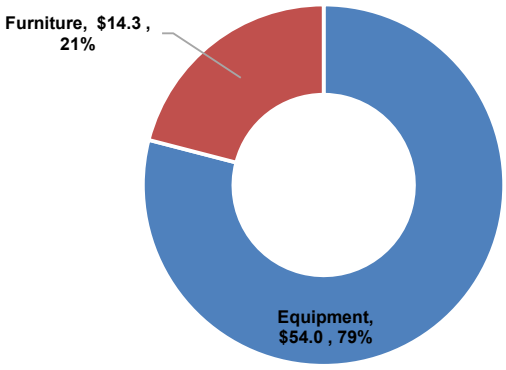
Asset Type	Replacement Value ($Millions)	Asset Inventory
Assets Managed by Recreation		
Equipment	$54.0	3,577
Furniture	$14.3	303
Subtotal Assets Managed by Recreation (Responsibility View)	*$68.4*	*3,880*
Assets Managed by Other Service Areas		
Recreation Facilities	*$761.5*	*74*
City Support Fleet Used by Recreation	*$4.9*	*137*
Software Used by Recreation	*$3.8*	*2*
Total Replacement Value (User View)	**$838.6**	**-**

Note: The inventory count presented in this asset management plan for Equipment and furniture asset category reflects grouped assets rather than an actual count of individual assets.

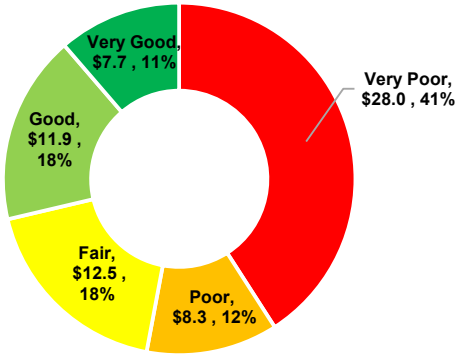
Major Types of Assets within Recreation - Responsibility View

The figures below illustrate the replacement value and condition of Recreation assets under the responsibility view. Under this view, the total replacement value of assets is $68.4 million. Consistent with the 2023 SOLI, only equipment and furniture are considered under the management of this service area. The determination of condition for recreation assets is mainly "age based" meaning the condition is set relative to the remaining useful life of the asset. Overall, the Recreation assets are in Poor condition, as the assets are reaching the end of their useful life. It is expected that future iterations of the SOLI will look to further incorporate condition based assessments which may improve the overall confidence and reliability of the identified condition ratings.

RESPONSIBILITY VIEW: REPLACEMENT VALUE BY ASSET CATEGORY ($M)



RESPONSIBILITY VIEW: RECREATION ASSET CONDITION ($M)



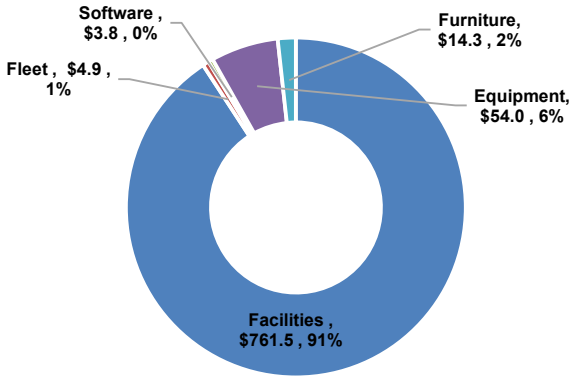
Data Source: PSAB data and historical budgets

Major Types of Assets within Recreation - User View

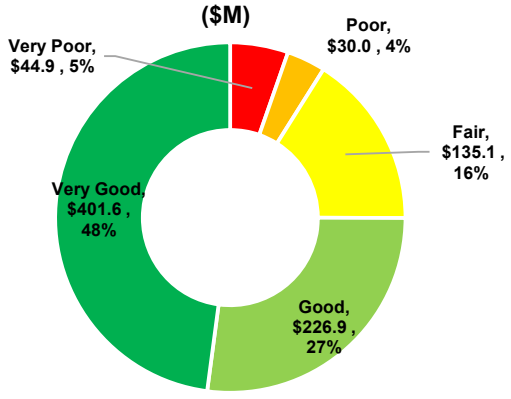
The figures below illustrate the replacement value and condition of Recreation assets under the user view. Under the user view illustration, which also captures facilities, fleet and software, the replacement value is about $838.6 million. Of this total, the Recreation facilities represent the largest share at $761.5 million. Approximately 75% of the assets are considered to be in Good to Very Good Condition. Only 5% of assets are in Very Poor condition.

It is important to note, that the proportion of assets considered to be in Poor condition can be attributed to some of the Recreation facilities, although, the facilities continue to be operational and safe for use and these facilities will be addressed through the budget as required.

USER VIEW: REPLACEMENT VALUE BY ASSET CATEGORY ($M)



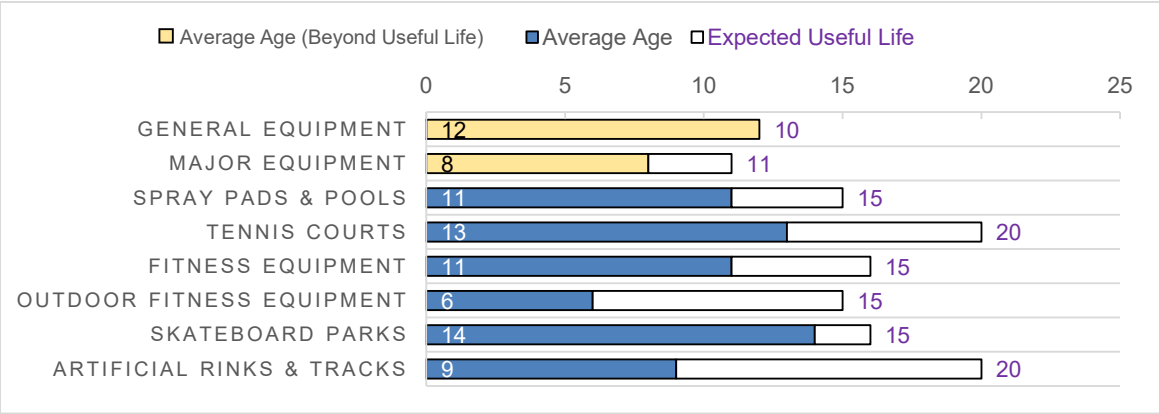
USER VIEW: RECREATION ASSET CONDITION ($M)



Recreation

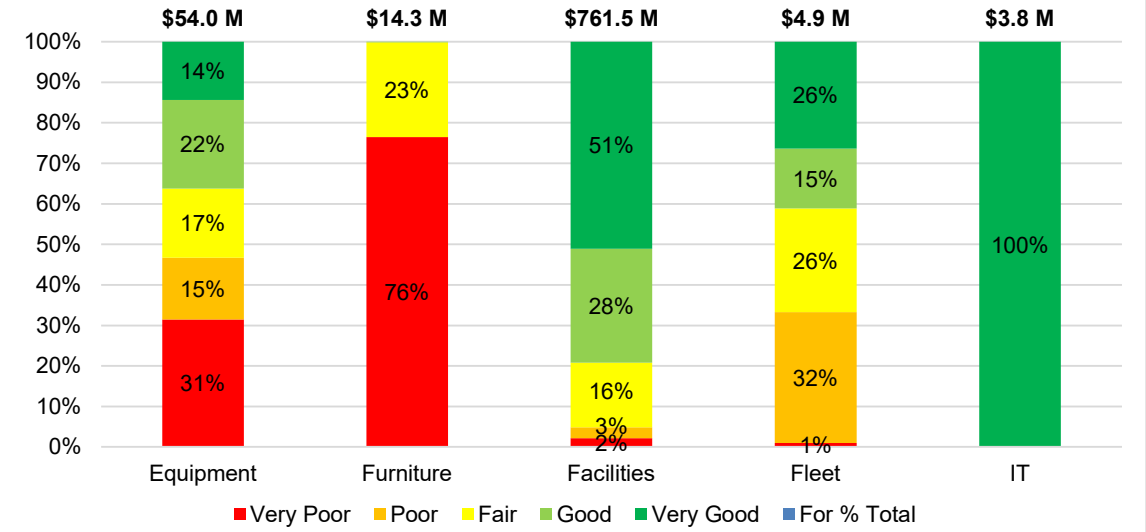
Age Summary

The following figure summarizes the average age of the City's Recreation Assets compared to the expected useful life of each asset category. The methodology applied to undertake the average age profile analysis considers the age weighted by replacement value of each asset, which influences average asset age and remaining useful life illustrated. It is important to emphasize that the age of an asset relative to its useful life does not always provide a complete picture of its actual condition.



Condition Summary

The figure below illustrates the condition of the various Recreation assets by key sub-component areas based on the user view. While the assets are generally in Good to Very Good condition, Equipment & Furniture have assets in Very Poor condition based on age. Approximately 33% of Fleet are also in Poor or Very Poor condition. Assets that are reported in Very Poor condition are based on the age of the asset and not necessarily reflect the actual asset condition. The City is implementing Asset Information Management Strategy (AIMS) project which will advance its asset management practices and improve confidence and reliability in data including condition.



Comparison of 2024 vs. 2023 Inventory and Replacement Value

The tables below outline the difference in Recreation assets in the 2024 SOLI relative to the 2023 SOLI, while considering reporting under the two different views. Please note, the 2023 SOLI is shown as it was reported (i.e. in $2024). The values for the 2024 SOLI are in $2025.

Under the responsibility view framework, the total value of Recreation assets has increased by 6% from approximately $64.2 million to $68.4 million. Recent costing data was used where available, with the remaining asset replacement values inflated by either the Machinery & Equipment Price Index (M&E) or the Non-Residential Building Construction Price Index (NRCPI) from the values identified in the 2023 SOLI (which were reported in $2024). Additional information on the indices applied to each asset class can be found in Table 5 of this report.

When considering the Recreation Facilities, City Support Fleet and IT assets, the total asset value for Recreation has increased proportionately with the inclusion of these assets. In total, the value of Recreation assets increased by 3% (or $21.2 million) from the value reported in 2023.

Please note, the Facilities, City Support Fleet and IT report cards will include additional information (including the inflation measure applied) on those assets used by Recreation but maintained and managed by these different City departments.

Asset	2023 SOLI		2024 SOLI	
Facilities	73	Each	74	Each
Fleet	130	Each	137	Each
Software	3	Each	2	Each
Equipment	3,107	Each	3,577	Each
Furniture	303	Pooled	303	Pooled

Asset	2023 SOLI ($2024)	2024 SOLI ($2025)	Difference	
1. Assets Managed by Other Service Areas*				
Facilities	$ 745,154,337	$ 761,488,118	$ 16,333,781	2%
Fleet	$ 4,527,371	$ 4,944,380	$ 417,008	9%
Software	$ 3,457,992	$ 3,766,823	$ 308,832	9%
Subtotal Assets Managed by Other Service Areas	**$ 753,139,700**	**$ 770,199,321**	**$ 17,059,621**	***2%***
2. Assets Managed by Recreation				
Equipment	$ 50,768,508	$ 54,046,750	$ 3,278,242	6%
Furniture	$ 13,474,682	$ 14,348,041	$ 873,359	6%
Subtotal Assets Managed by Recreation - Responsibility View	**$ 64,243,190**	**$ 68,394,790**	**$ 4,151,601**	***6%***
Total Replacement Value - User View (1+2)	**$ 817,382,890**	**$ 838,594,112**	**$ 21,211,222**	***3%***

*Responsibility of managing the assets lies with another service area, but assets are used by Recreation

Appendix

A.10

Cultural Services

Cultural Services

Total Asset Replacement Value:	$19.7 Million
Total Asset Replacement Value Including Facilities, City Support Fleet and Software:	$123.9 Million
Future Condition Trend (Next 10 Years):	Declining - As assets age they may require attention in the future
Data Confidence & Reliability:	Age and Condition Based

The 2024 SOLI analysis continues to report assets under two different asset representation perspectives: "**Responsibility View**" and a "**User View**".

Responsibility View: *Shows the assets under the service area that is responsible for managing the capital needs*
User View: *Shows the assets under the service area that is using them*

While the User View shows the use of assets, the Responsibility View:

- ✓ provides a direct line of sight to those assets managed by the service area;
- ✓ will help prioritize lifecycle activities managed by the service area;
- ✓ aligns with industry best practices; and
- ✓ provides guidance to future asset management planning practice and departmental initiatives.

The table below illustrates the replacement value (in $2025) under the two different views.

Asset Type	Replacement Value ($Millions)	Asset Inventory
Assets Managed by Cultural Services		
Outdoor Equipment & Furniture	$5.1	Pooled
Specialty Equipment	$8.3	6,292
Furniture	$0.1	475
Public Art	$6.0	30
Subtotal Assets Managed by Cultural Services (Responsibility View)	*$19.7*	-
Assets Managed by Other Service Areas		
*Cultural Services Facilities**	*$103.2*	*1*
City Support Fleet Used by Cultural Services	*$0.9*	*7*
Software Used by Cultural Services	*$0.3*	*1*
Total Replacement Value (User View)	**$123.9**	-

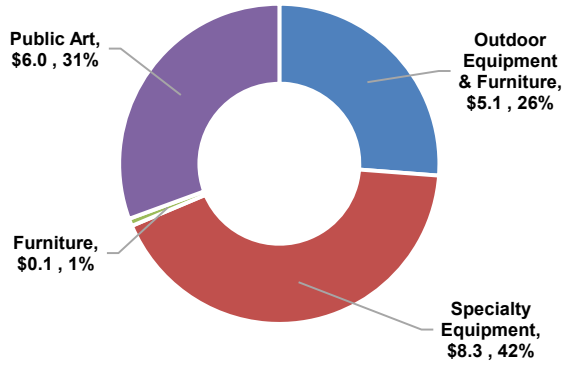
Note: Culture manages and maintains the buildings but large scale capital is still undertaken by BDC*

Cultural Services

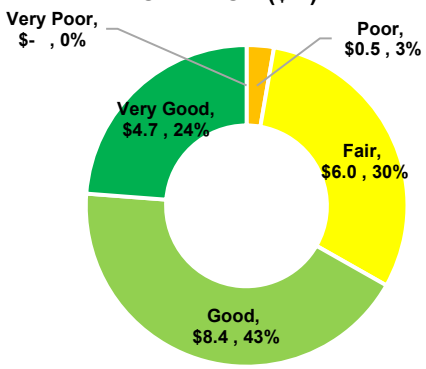
Major Types of Assets within Cultural Services - Responsibility View

The figure below illustrates the replacement value and condition of Cultural Services assets under the responsibility view. Under this responsibility view, the total replacement value of assets is $19.7 million. Of this total, approximately 42% is associated with specialty equipment with a further 26% related to outdoor equipment. About 67% of assets are considered to be in Good to Very Good condition, with the remaining assets in Fair or Poor condition. As the City's Cultural Services assets are overall in Good condition, these assets are meeting current needs.

RESPONSIBILITY VIEW: REPLACEMENT VALUE BY ASSET CATEGORY ($M)



RESPONSIBILITY VIEW: CULTURAL SERVICES ASSET CONDITION ($M)

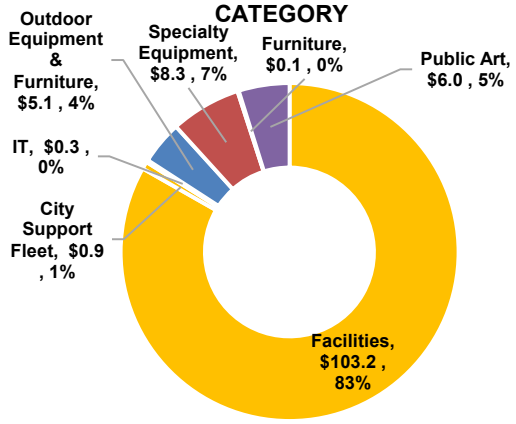


Data Source: Departmental Inventory

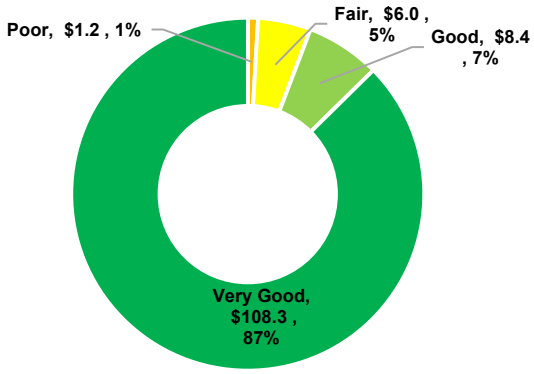
Major Types of Assets within Cultural Services - User View

The figures below illustrate the replacement value and condition of Cultural Services assets under the user view. Under the user view illustration, which also captures facilities, City support fleet and software, the replacement value is about $123.7 million. Of this total, the Cultural Services facilities represent the largest share at $103.2 million. Approximately 94% of the assets are considered to be in Good to Very Good Condition. No assets are in Very Poor condition.

USER VIEW: REPLACEMENT VALUE BY ASSET CATEGORY



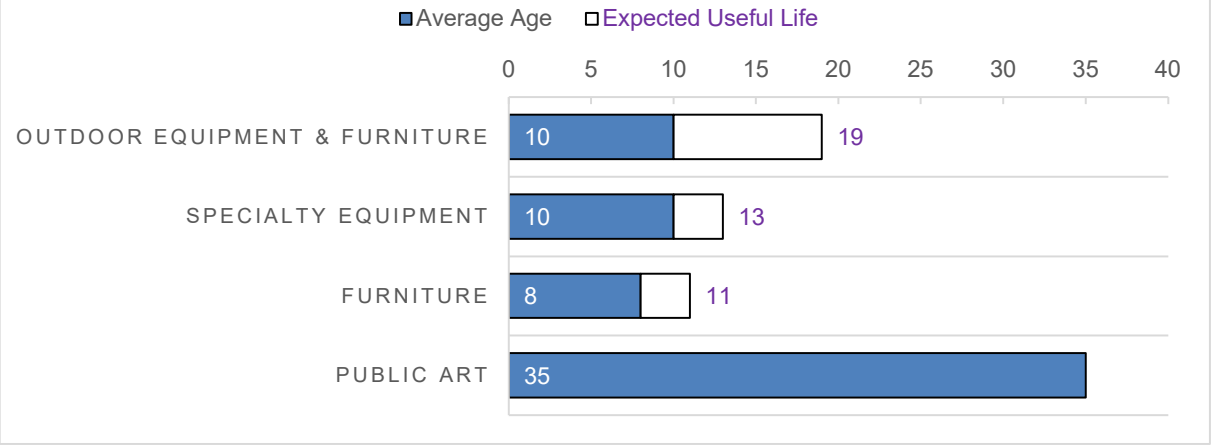
USER VIEW: CULTURAL SERVICES ASSET CONDITION ($M)



Cultural Services

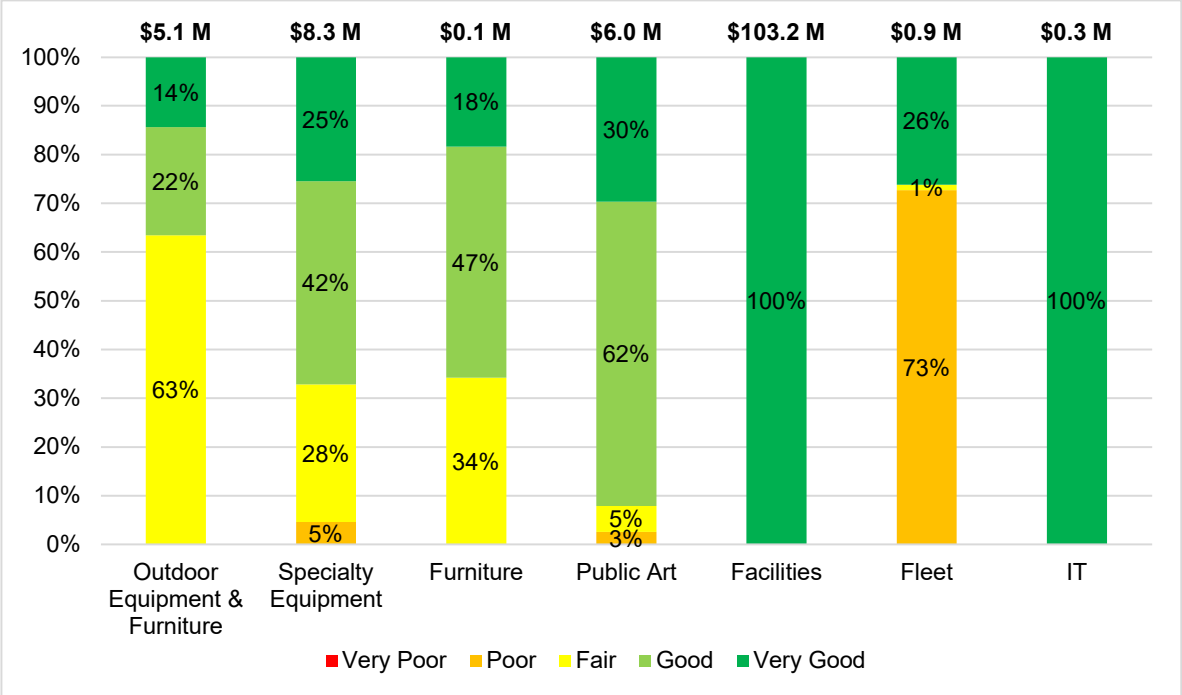
Age Summary

The following figure summarizes the average age of the City's Cultural Services assets compared to the expected useful life of each asset category. The methodology applied to undertake the average age profile analysis considers the age weighted by replacement value of each asset, which influences average asset age and remaining useful life illustrated.



Condition Summary

The figure below illustrates the condition of the various Cultural Services assets by key sub-component areas based on the user view. Most asset categories are all generally considered to be in Good or Very Good Condition. About 73% of Fleet assets are considered to be in Poor condition as they reach the end of their service life and will be replaced. An additional 5% of Specialty Equipment and 3% of Public Art are also in Poor condition based on their age.



Comparison of 2024 vs. 2023 Inventory and Replacement Value

The tables below outline the difference in Cultural Services assets in the 2024 SOLI relative to the 2023 SOLI, while considering reporting under the two different views. Please note, the 2023 SOLI is shown as it was reported (i.e. in $2024). The values for the 2024 SOLI are in $2025.

Under the responsibility view framework, the total value of Cultural Services assets has increased by 10% from approximately $17.9 million to $19.7 million. The increase in value can largely be attributed to cost increases since the last report. As recent costing data was not available, the Cultural Services asset replacement values were inflated by the Machinery & Equipment Price Index (M&E) from the values identified in the 2023 SOLI (which were reported in $2024). Additional information on the indices applied to each asset class can be found in Table 5 of this report.

When considering the Cultural Services Facilities, City Support Fleet and IT assets, the total asset value for Cultural Services has decreased. This is largely related to a 10% decrease in the replacement value of facilities assets which have been realigned with better cost data. The total value of Cultural Services assets decreased by about 7% from the value reported in 2023.

Please note, the Facilities, City Support Fleet and IT report cards will include additional information (including the inflation measure applied).

Asset	2023 SOLI		2024 SOLI	
Outdoor Equipment & Furniture	Pooled		Pooled	
Specialty Equipment	6,189	Each	6,292	Each
Furniture	475	Each	475	Each
Public Art	29	Each	30	Each
Facilities	1	Each	1	Each
Fleet	7	Each	7	Each
Software	1	Each	1	Each

Asset	2023 SOLI ($2024)	2024 SOLI ($2025)	Difference	
1. Assets Managed by Other Service Areas*				
Facilities	$ 114,945,901	$ 103,160,760	(11,785,141)	-10%
City Support Fleet	$ 619,520	$ 854,495	234,975	38%
IT	$ -	$ 266,204	266,204	N/A
Subtotal Assets Managed by Other Service Areas	**$ 115,565,421**	**$ 104,281,458**	**(11,283,963)**	***-10%***
2. Assets Managed by Cultural Services				
Outdoor Equipment & Furniture	$ 4,829,326	$ 5,143,857	$ 314,531	7%
Specialty Equipment	$ 7,614,782	$ 8,346,168	$ 731,386	10%
Furniture	$ 137,896	$ 146,834	$ 8,938	6%
Public Art	$ 5,336,123	$ 6,014,462	$ 678,340	13%
Subtotal Assets Managed by Cultural Services (Responsibility View)	**$ 17,918,127**	**$ 19,651,322**	**$ 1,733,195**	**10%**
Total Replacement Value: User View (1+2)	**$ 133,483,548**	**$ 123,932,780**	**$ (9,550,768)**	**-7%**

**Assets related to City Support Fleet and IT, the Responsibility of managing the assets lies with another service area, but assets are used by Cultural Services. As it pertains to facility related assets, Culture manages and maintains the facilities but large scale capital is still undertaken by the City's Building Design and Construction (BDC) group. As a result, these facilities are represented under the "User view" framework*

Appendix

A.11

Library

Library

Asset Replacement Value:	$22.4 Million
Total Asset Replacement Value including Facilities and City-Support Fleet:	$127.2 Million
Future Condition Trend (Next 10 Years):	Declining – As assets age they may require attention in the future
Data Confidence & Reliability:	Age and Condition Based

The 2024 SOLI analysis continues to report assets under two different asset representation perspectives: **"Responsibility View"** and **"User View"**

Responsibility View: *Shows the assets under the service area that is responsible for managing them*

User View: *Shows the assets under the service area that is using them*

While the User View shows the use of assets, the Responsibility View:

- ✓ provides a direct line of sight to those assets managed by the service area;
- ✓ will help prioritize lifecycle activities managed by the service area;
- ✓ aligns with industry best practices; and
- ✓ provides guidance to future asset management planning practice and departmental initiatives.

The table below illustrates the replacement value (in $2025) under the two different views.

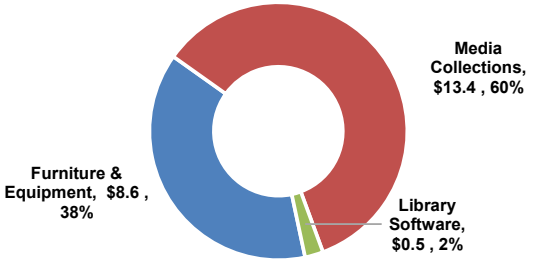
Asset Type	Replacement Value ($Millions)	Asset Inventory
Assets Managed by Library		
Furniture and Equipment	$8.6	6,740
Media Collections	$13.4	Pooled
Library Software	$0.5	16
Subtotal Assets Managed by Library (Responsibility View)	*$22.4*	-
Assets Managed by Other Service Areas		
Library Facilities	*$104.6*	6
City Support Fleet Used by Library	*$0.2*	4
Total Replacement Value (User View)	**$127.2**	-

The Library facility figure reported includes the four (4) standalone library branches as well as two (2) libraries located within Recreation Facilities (Gore Meadows Community Centre and Susan Fennel Sportsplex (formerly South Fletchers Sports Complex)). The library portion of those shared facilities are included in the above facilities total of $104.6 million.

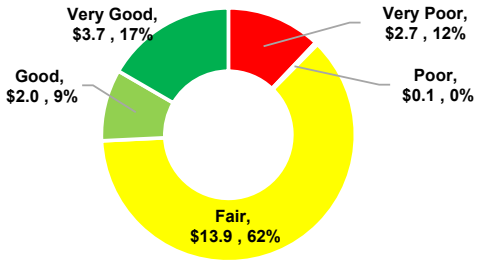
Major Types of Assets within Brampton Library - Responsibility View

The figure below illustrates the replacement value and condition of Library service assets under the responsibility view. Under the responsibility view, the total replacement value of the Library assets is $22.4 million. Of the $22.4 million replacement value, about 60%, or $13.4 million, is attributed to Media Collections. Furthermore, about 38%, or $8.6 million is attributed to Furniture and Equipment, while the remaining $514,000 is related to Library Software. Approximately 12% of total assets managed by Library services are identified in Very Poor or Poor condition. This condition of a small subset of the total Library assets does not represent a safety issue or preclude Brampton Library from delivering services to meet the needs of residents.

RESPONSIBILITY VIEW: REPLACEMENT VALUE BY ASSET CATEGORY ($M)



RESPONSIBILITY VIEW: LIBRARY ASSET CONDITION ($M)

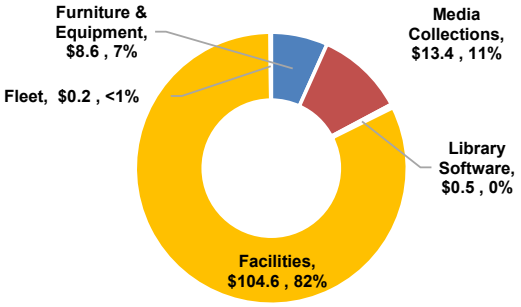


Data Source: PSAB data and consultation with Library staff

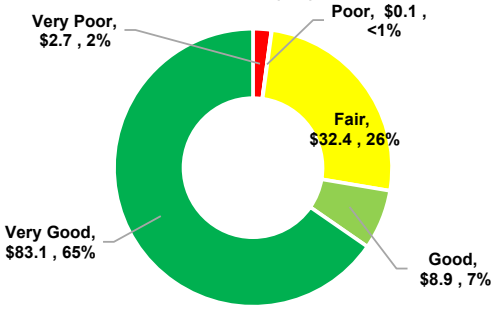
Major Types of Assets within Brampton Library - User View

The figures below illustrates the replacement value and condition of Library service assets under the user view. Under the user view, which captures facilities and City support fleet, the replacement value is about $127.2 million. Of this total $127.2 million, the Library facilities represent the largest component at $104.6 million. Approximately 72% of the Library's assets are considered to be in Good to Very Good condition, with the remaining assets close to, or past, the end of their service life.

USER VIEW: REPLACEMENT VALUE BY ASSET CATEGORY($M)



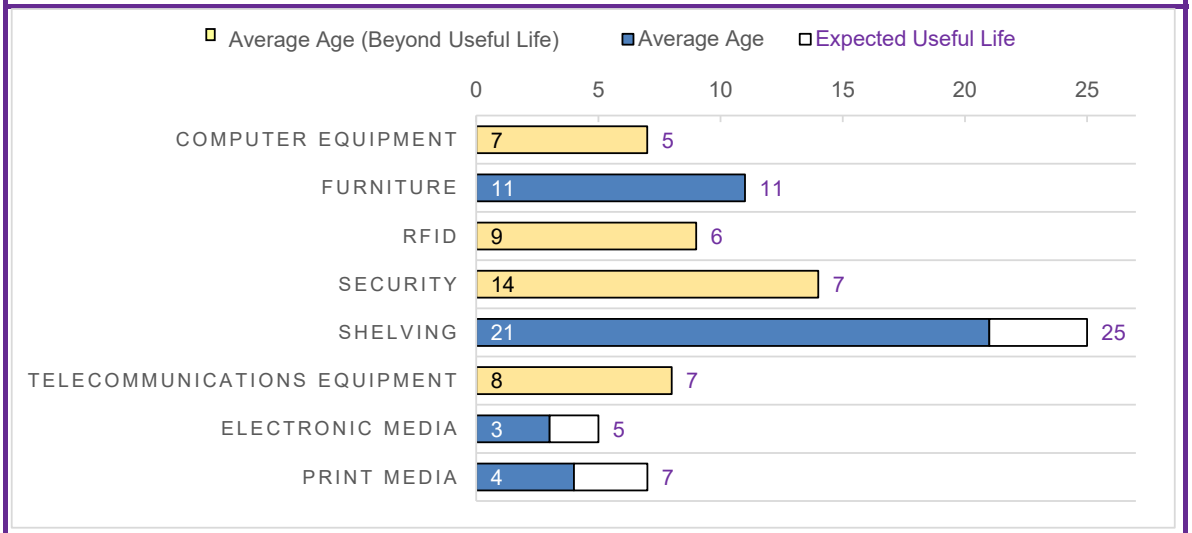
USER VIEW: REPLACEMENT VALUE BY ASSET CATEGORY($M)



Library

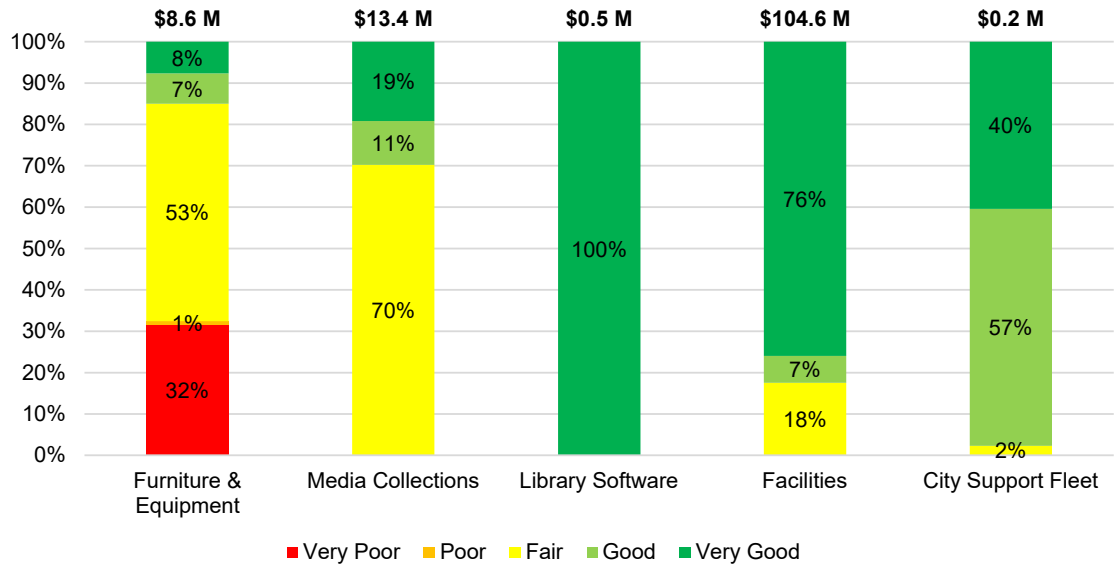
Age Summary

The following figure summarizes the average age of the City's Library Assets compared to the expected useful life of each asset category. The methodology applied to undertake the average age profile analysis considers the age weighted by replacement value of each asset, which influences average asset age and remaining useful life illustrated. It is important to emphasize that the age of an asset relative to its useful life does not always provide a complete picture of its actual condition, and an asset can often perform at the expected level to meet service requirements, despite being beyond it's useful life, as is the case with Library assets (RFID, Security, and Computer and Telecommunications Equipment).



Condition Summary

The figure below illustrates the condition of the various Library service assets by key sub-component areas. The percentages across the top of the graph represent each asset's share of the total replacement value. While the assets are cumulatively in Fair or higher condition, Furniture and Equipment have a significant component of assets in Poor or Very Poor condition. Library Software assets and the majority of facilities are in Good or Very Good Condition, except for 18% of facilities, which are in Fair condition.



Comparison of 2024 vs. 2023 Inventory and Replacement Value

The tables below outline the difference in Library assets in the 2024 SOLI relative to the 2023 SOLI while considering reporting under the two different views. Please note, the 2023 SOLI is shown as it was reported (i.e. in $2024). The values for the 2024 SOLI are in $2025.

Looking only at those assets included under the responsibility view framework, the total value of Library Services has decreased by 1% from approximately $22.6 million to $22.4 million. The decrease in value is attributed to the decommissioning of some existing assets and to the renovation of the South Fletchers Branch, which was temporarily relocated to a much smaller location at Shoppers World, reducing its collection size. The replacement values in this 2024 SOLI were inflated by the Machinery & Equipment Price Index (M&E) from the values identified in the 2023 SOLI (which were reported in $2024). Additional information on the indices applied to each asset class can be found in Table 5 of this report.

Including the Library Facility and City Support Fleet assets, the total asset value for Library Services has decreased slightly from the 2023 SOLI. In total, the value of library assets has decreased by 2% (or $2.6 million) from 2023. This decrease can largely be attributed to the relaigned valuations of City facilities with recent cost data.

Please note, the Facilities and City Support Fleet report cards will include additional information on those assets used by

Asset	2023 SOLI		2024 SOLI	
Furniture & Equipment	6,728	Each	6,740	Each
Media Collections	Pooled		Pooled	
Library Software	18	Each	16	Each
Facilities	6	Each	6	Each
Fleet	4	Each	4	Each

Asset	2023 SOLI ($2024)	2024 SOLI ($2025)	Difference	
1. Assets Managed by Other Service Areas*				
Facilities	$ 107,000,040	$ 104,575,648	$ (2,424,392)	-2%
Fleet	$ 157,678	$ 170,075	$ 12,397	8%
Subtotal Assets Managed by Other Service Areas	**$ 107,157,718**	**$ 104,745,723**	**$ (2,411,994)**	***-2%***
2. Assets Managed by Library				
Furniture & Equipment	$ 8,126,767	$ 8,559,249	$ 432,482	5%
Media Collections	$ 14,152,035	$ 13,350,243	$ (801,792)	-6%
Library Software	$ 360,498	$ 513,913	$ 153,415	43%
Subtotal Assets Managed by Library (Resposibility View)	**$ 22,639,300**	**$ 22,423,406**	**$ (215,895)**	***-1%***
Total Replacement Value: User View (1+2)	**$ 129,797,018**	**$ 127,169,129**	**$ (2,627,889)**	***-2%***

*Responsibility of managing the assets lies with another service area, but assets are used by Library Services

Appendix

A.12

Animal Services

Animal Services

Total Asset Replacement Value:	$404,800
Total Asset Replacement Value Including Facilities, City Support Fleet and Software	$13.3 Million
Future Condition Trend (Next 10 Years):	Declining - As assets age they may require attention in the future
Data Confidence & Reliability:	Medium (Condition Based)

The 2024 SOLI analysis continues to report assets under two different asset representation perspectives: **"Responsibility View"** and a **"User View"** representation

Responsibility View: *Shows the assets under the service area that is responsible for managing them*
User View: *Shows the assets under the service area that is using them*

While the User View shows the use of assets, the Responsibility View

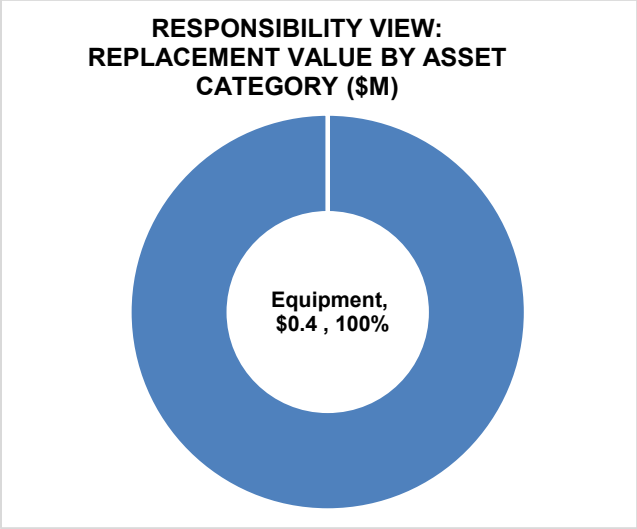
- ✓ provides a direct line of sight to those assets managed by the service area;
- ✓ will help prioritize lifecycle activities managed by the service area;
- ✓ aligns with industry best practices; and
- ✓ provides guidance to future asset management planning practice and departmental initiatives.

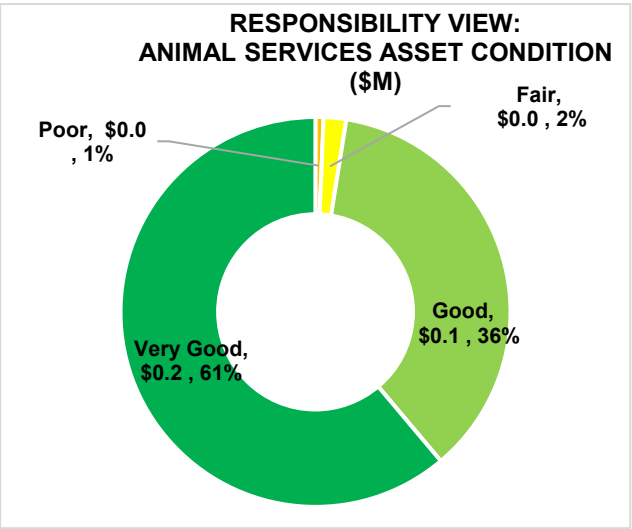
The table below illustrates the replacement value (in $2025) under the two different views.

Asset Type	Replacement Value ($Millions)	Asset Inventory
Assets Managed by Animal Services		
Equipment	$0.4	177
Subtotal Assets Managed by Animal Services (Responsibility View)	*$0.4*	*177*
Assets Managed by Other Service Areas		
Animal Services Facilities [(1)]	*$11.4*	*2*
City Support Fleet Used by Animal Services	*$1.2*	*11*
Software Used by Animal Services	*$0.3*	*1*
Total Replacement Value (User View)	**$13.3**	**-**

Major Types of Assets within Animal Services - Responsibility View

The figure below illustrates the replacement value and condition of Animal Services assets under the responsibility view. Under this view, the total replacement value of assets is about $404,800. Consistent with the 2023 SOLI, only Animal Services equipment is considered under the management of the service area and therefore makes up the entire replacement value. Overall, the Animal Services assets are in Very Good condition with about 1% of total assets rated in Poor condition.

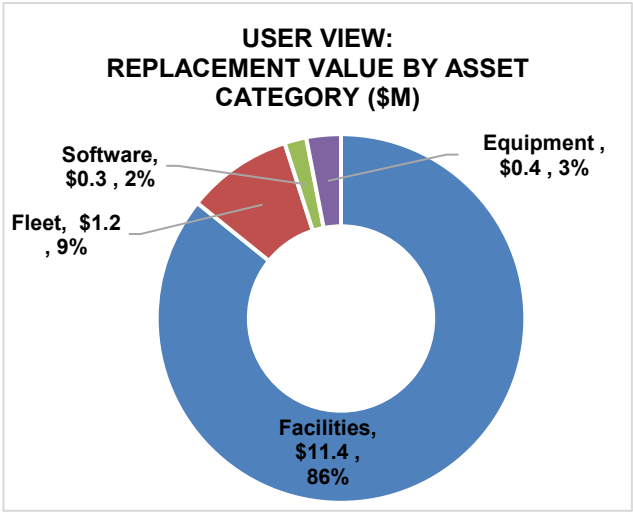


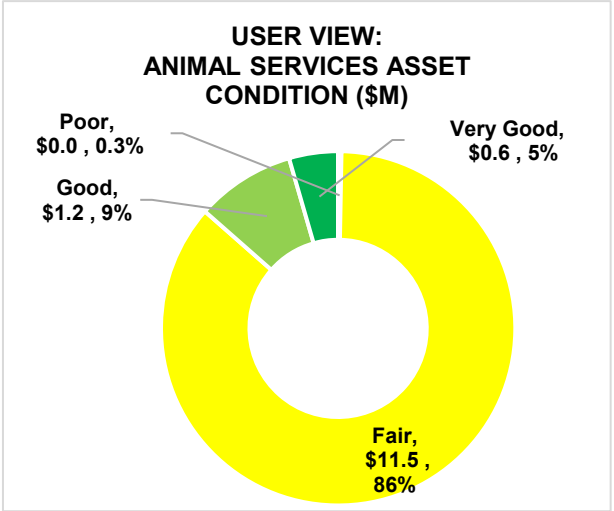


Data Source: Departmental Inventory, PSAB data as of year-end 2024

Major Types of Assets within Animal Services - User View

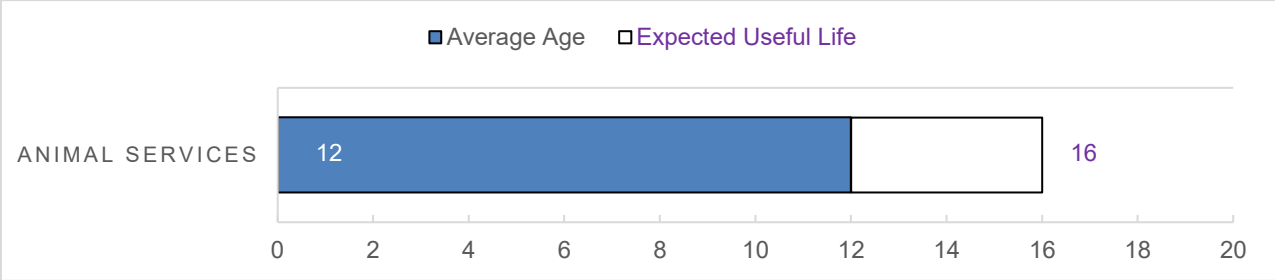
The figures below illustrate the replacement value and condition of Animal Services assets under the user view. Under the user view illustration, which also captures facilities, City support fleet and software, the replacement value is about $13.3 million. Of this total, the Animal Services facilities represent the largest share at $11.4 million. Facilities assets are currently in Fair condition which are largely driving the overall condition of user view assets.





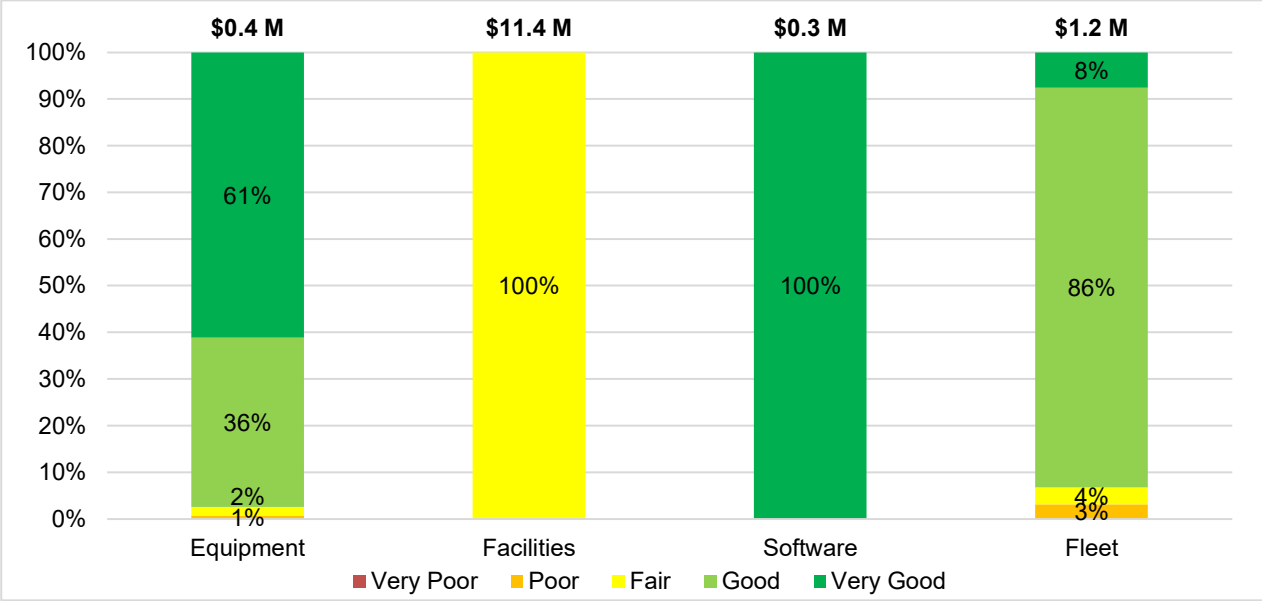
Age Summary

The following figure summarizes the average age of the City's Animal Services assets compared to the expected useful life of each asset category. The methodology applied to undertake the average age profile analysis considers the age weighted by replacement value of each asset, which influences average asset age and remaining useful life illustrated.



Condition Summary

The figure below illustrates the condition of the various Animal Services assets by key sub-component areas based on the user view. While the assets are generally in Good to Very Good condition, Facilities are in Fair condition and a small portion of Fleet and Equipment assets are in Fair and Poor condition.



Comparison of 2024 vs. 2023 Inventory and Replacement Value

The tables below outline the difference in Animal Services assets in the 2023 SOLI relative to the 2024 SOLI, while considering reporting under the two different views. Please note, the 2023 SOLI is shown as it was reported (i.e. in $2024). The values for the 2024 SOLI are in $2025.

Under the responsibility view framework, the total value of Animal Services assets has increased from $366,800 to $404,800. The increase in value can largely be attributed to cost increases since the last report. As no recent costing data was available, the asset replacement values for Animal Services Equipment were inflated by the Machinery & Equipment Price Index (M&E) from the values identified in the 2023 SOLI (which were reported in $2024). Additional information on the indices applied to each asset class can be found in Table 5 of this report.

When considering the Animal Services Facilities, City Support Fleet and IT assets, the total asset value for Animal Services increased proportionately with the inclusion of these assets. The overall increases can be attributed to updated costing as part of the 2024 SOLI through the increased inflation factors.

Please note, the Facilities, City Support Fleet and IT report cards include additional information (including the inflation measure applied) on those assets used by Animal Services but maintained and managed by a different City department.

Asset	2023 SOLI		2024 SOLI	
Facilities	2	Each	2	Each
Fleet	11	Each	11	Each
Software	1	Each	1	Each
Equipment	176	Each	177	Each

Asset	2023 SOLI ($2024)	2024 SOLI ($2025)	Difference	
1. Assets Managed by Other Service Areas*				
Facilities	$ 10,765,225	$ 11,436,596	$ 671,371	6%
Fleet	$ 1,163,022	$ 1,238,403	$ 75,381	6%
Software	$ 239,596	$ 255,126	$ 15,529	6%
Subtotal Assets Managed by Other Service Areas	**$ 12,167,843**	**$ 12,930,124**	**$ 762,281**	***6%***
2. Assets Managed by Animal Services				
Equipment	$ 366,822	$ 404,793	$ 37,971	10%
Subtotal Assets Managed by Animal Services (Responsibility View)	**$ 366,822**	**$ 404,793**	**$ 37,971**	***10%***
Total Replacement Value: User View (1+2)	**$ 12,534,665**	**$ 13,334,917**	**$ 800,252**	**6%**

*Responsibility of managing the assets lies with another service area, but assets are used by Animal Services