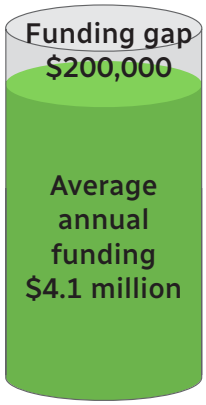


Fleet and shop equipment

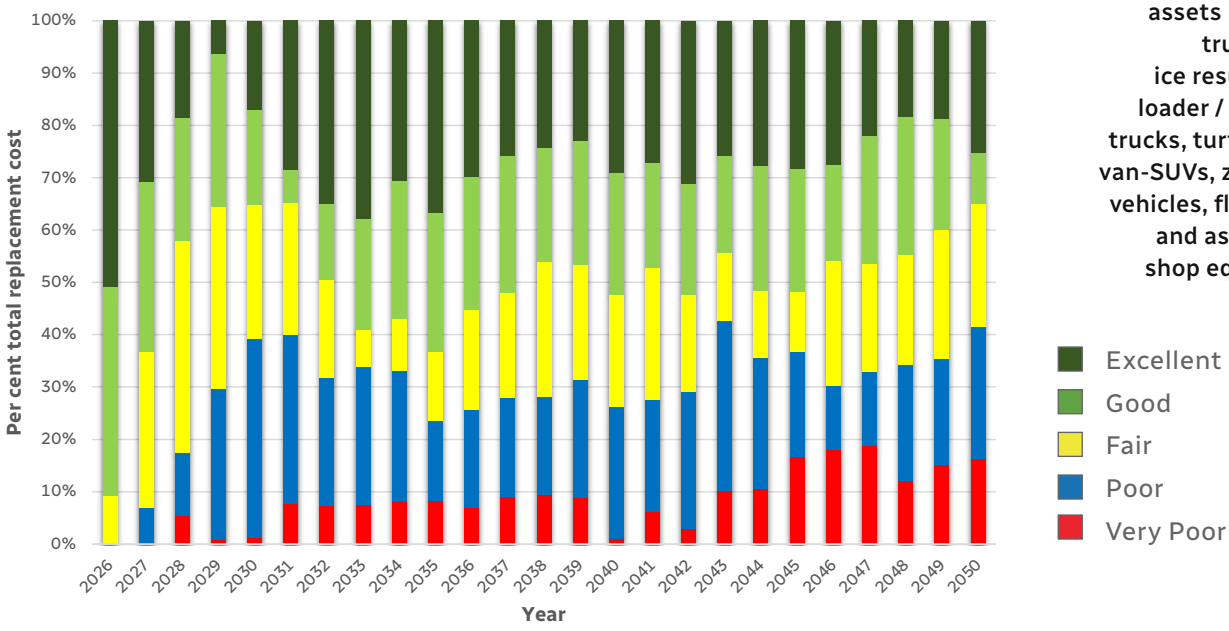
Total asset replacement value	**$42.9 million**
Current condition	**GOOD**
Projected condition in 25 years	**FAIR**
Annual funding needed to meet target performance	**$4.3 million**
Annual average funding	**$4.1 million**
Annual funding gap	**$200,000**
Funding source	**Tax base and rate funded**
Data maturity level	**High**



Annual funding needed $4.3 million

Approximately 350 assets including trucks, ice resurfacers, loader / backhoes, trucks, turf equipment, van-SUVs, zero-emission vehicles, flusher trucks and associated shop equipment.

Projected annual performance of fleet assets



A FEATURED STORY

The work behind the scenes

City fleet assets support the delivery of municipal services such as road maintenance, parks operations, sports field care, and other community programs. While operating divisions deliver the visible outcomes, Fleet Services supports this work behind the scenes through procurement, inspections, maintenance, repairs, compliance, and asset support, ensuring vehicles and equipment remain safe, reliable, and available to support frontline operations and service delivery.

CURRENT STRATEGY

The city's fleet assets are the vehicles used in our services and the shop equipment needed to maintain them. There are ~350 fleet assets owned by the city, ranging from combination sewer cleaners, ice resurfacers, loaders, backhoe loaders, medium and heavy-duty trucks, turf maintenance equipment, vans, sport utility vehicles, zero-emission vehicles, and associated shop support equipment. Fleet assets are replaced when they reach the end of their useful life, which ranges from 7 to 20 years, depending on the type of vehicle. It is important to note that fire vehicles are captured under the fire asset class. Shop equipment assets are replace on an as needed basis with a specific focus on maintaining the equipment through the replacement of components (e.g. hydraulics).



ASSET PERFORMANCE

Fleet asset performance is evaluated using historical knowledge, age, and observed conditions through regular inspections. The quality and availability of our asset data (data maturity) are continuously evolving. The current data maturity level for fleet assets is assessed to be medium. The city is continuously working to improve asset data quality.

Almost 99% of our fleet assets are currently considered in fair or better performance. With the current level of funding, we anticipate the percentage of fleet assets with a fair or better performance to decrease from 99% to 59% by 2050.

99%

Fleet assets with a fair or better performance

Based on available fleet asset data, projected deterioration rates, and the 2024-2026 capital budget and 2027-2033 capital forecast, the fleet portfolio is estimated to have an infrastructure funding gap of approximately $200,000. However, Fleet Assets are funded from a dedicated Fleet Reserve through contributions from the operational area budgets on an annual basis. Since the approval of the 2024–2026 multi-year capital budget, the reserve model has been updated to reflect current assumptions and funding requirements. These updates are expected to reduce the reported funding gap and will be incorporated into the 2027 budget and the 2028–2036 capital forecast.

LEVELS OF SERVICE

The following tables show the levels of service established by the city for fleet assets. These metrics include the technical and community level of service required as part of the Ontario Regulation 588/17. Service metrics are reported for the prior calendar year ending on December 31.

COMMUNITY LEVELS OF SERVICE

The following table outlines the qualitative descriptions that determine the community levels of service for fleet assets.

SERVICE ATTRIBUTE	QUALITATIVE DESCRIPTION	2025
Scope	Description of how fleet supports operational activities through the City of Waterloo.	Life cycle management of fleet assets including acquisition, disposition and maintenance and repairs enables sustainable city service delivery. Fleet assets facilitate or improve the quality of service provided, and reflect a professional image within the community.
Safety	Description of how the city ensures fleet assets are safe	All municipal fleet assets are enrolled in a preventive maintenance program, which includes annual inspections of vehicles and equipment, to align with all legislative requirements.
Environmental Stewardship	Description of how the city considers environmental stewardship when managing vehicles and equipment.	Upon the acquisition of a new vehicle, a comprehensive analysis is undertaken to explore options for reducing greenhouse gas emissions.

TECHNICAL LEVELS OF SERVICE

The following table outlines the quantitative metrics that determine the technical level of service for fleet assets.

SERVICE ATTRIBUTE	QUANTITATIVE METRICS	2024	2025
Safety	Percent of maintenance inspections completed	100%	100%
Reliability	Percent of fleet assets that are in fair or better condition	99%	99%
Environmental Stewardship	Percent of fleet vehicles replaced with alternative fuel/environmentally friendly fuel	Not Applicable* 24% of light duty, passenger vehicle, and off-road fleet	Not Applicable* 33% of light duty, passenger vehicle, and off-road fleet

*Zero-emissions alternatives are unavailable for certain vehicle types in the market, representing the percentage as a portion of the entire fleet is not applicable.

The information presented here is based on the best available asset inventory and condition data as of March 2026, as well as funding details from the 2024-2026 approved capital budget and the 2027-2033 capital forecast.

The forecasting model allows staff to project the condition of City assets over a 25-year timeframe and therefore all funding is based on a 25-year average.