



2025 ASSET MANAGEMENT REPORT CARD

# Fleet and shop equipment

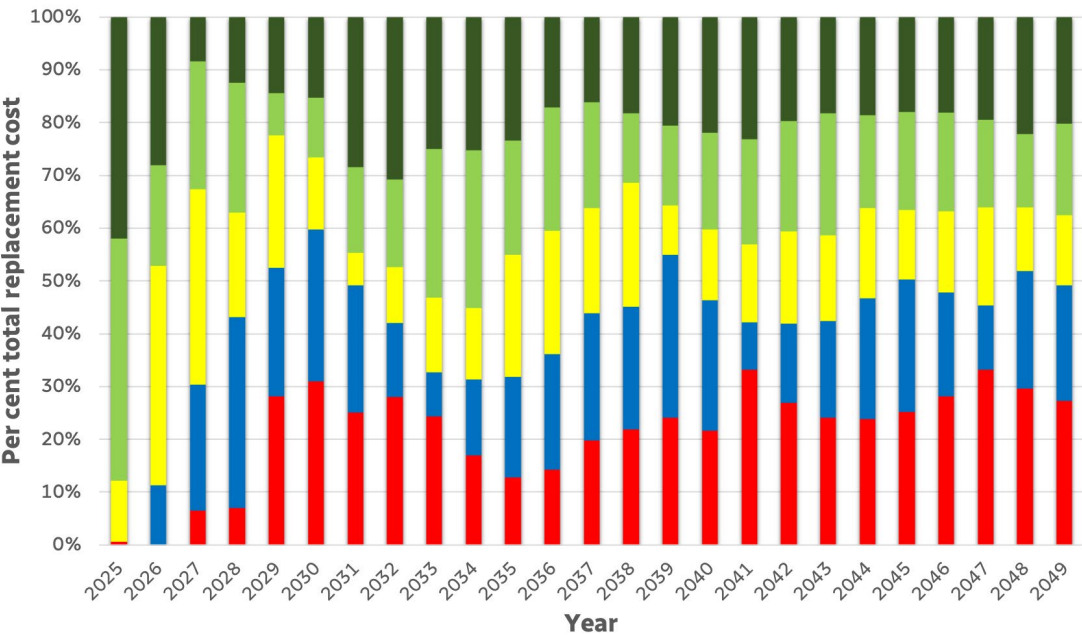
Total asset replacement value	\$36.8 million
Current condition	GOOD
Projected condition in 25 years	FAIR
Annual funding needed to meet target performance	\$3.4 million
Annual average funding	\$3.3 million
Annual funding gap	\$100,000
Funding source	Tax base and rate funded
Data maturity level	Medium



Annual funding needed \$3.4 million



Projected annual performance of fleet assets



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

- Excellent
- Good
- Fair
- Poor
- Very Poor

## A FEATURED STORY

### A Lifeline During Winter

Did you know when winter arrives, the city's fleet becomes a vital lifeline for residents, ensuring roads and sidewalks remain clear and safe. From snowplows clearing main roads to trackless vehicles removing snow from trails and sidewalks, these dedicated assets work tirelessly to keep traffic moving and pedestrians safe. Behind the scenes, sand/salt trucks and heavy-duty vehicles are deployed around the clock to prevent accidents and maintain accessibility.

### CURRENT STRATEGY

The city's fleet assets are the vehicles used in our services and the shop equipment needed to maintain them. There are approximately 350 fleet assets owned by the city, ranging from cars and trucks to specialized turf vehicles, loaders/backhoes, snowplows, sanders, sweepers, ice resurfacers, sanitary flusher truck and their associated 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 replaced 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 45% by 2049.

Based on the best available fleet asset data, deterioration rates and the 2024-2026 capital budget and 2027-2033 capital forecast, it is estimated that fleet assets have an infrastructure funding gap of \$100,000.



99%

Fleet assets  
with a fair  
or better  
performance

### 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 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	2024
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	2023	2024
Safety	Percent of maintenance inspections completed	100%	100%
Reliability	Percent of fleet assets that are in fair or better condition	98%	99%
Environmental Stewardship	Percent of fleet vehicles replaced with alternative fuel/environmentally friendly fuel	9.6 % of entire fleet, 13.8 % of light-duty and passenger vehicle	Not Applicable* 24% 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 2025, 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.