

**SUBJECT: Asset Management**

**County of Brant – Strategic Asset Management Policy Addendum – Fire Services Assets**

Policy #:	
Effective date:	July 1, 2025
Amendment date:	July 1, 2025
Replaces:	

## 1. Procedure Statement and Scope:

This addendum to the Strategic Asset Management Policy (SAMP) identifies the specifics in the application of the policy as it pertains to the Fire Services related assets. The content of this addendum should be read in conjunction with the SAMP.

## 2. Principles:

Preparation of the Fire Services portion of the Asset Management Plan (AMP) shall consider but not be limited to the following:

**Regulatory Compliance** – The Municipality shall consider all applicable legislation in the development and update of its AMP, including but not limited to:

1. *Ontario Regulation 588/17, Asset Management Planning for Municipal Infrastructure*
2. *Fire Protection and Prevention Act, 1997*
3. *National Fire Code of Canada, 2020*
4. *Emergency Management and Civil Protection Act, R.S.O. 1990*
5. *Technical Standards and Safety Act, 2000*
6. *Employment Standards Act, 2000*
7. *Occupational Health and Safety Act, R.S.O. 1990*
8. *Municipal Act 2001, Section 44 (1)*

**Level of Service (LOS):** The County of Brant's (the County) Fire Services assets exist to assist municipal staff in the delivery of critical emergency services to the public.

LOS are used to assess the actual services being delivered so that decisions can be made about the assets based on the service that they provide rather than simply on their technical components alone.

These standards will help the County to understand the current state of infrastructure by identifying infrastructure deficiencies, failures and weaknesses. Knowledge of this information helps with the maximization of infrastructure performance while minimizing cost and risk.

LOS for fire service assets are not specifically defined by *Ontario Regulation 588/17*. Therefore, the County has developed its own specific defined LOS measures and targets

LOS measures for the County's fire services assets will be established solely based on a **Technical (or Asset) Level of Service (TLOS)** approach.

TLOS measure the adequacy of the assets to deliver the desired services. TLOS measures are directly linked to activities and annual budgets regarding acquisition, operation, maintenance, and renewal. Asset owners and managers create, implement and control technical service levels to influence the service outcomes.

### 3. Application:

In coordination with the Fire Department, these will be the County's designated LOS measures for fire services assets:

Technical Levels of Service	
Measure	Standard
Light Fleet/Administrative Vehicles on same replacement and maintenance schedules as regular fleet (see fleet addendum).	10% annually
All fire apparatus to be replaced every 20 years.	5% annually
All non-road fleet to be replaced every 15-20 years.	5-7% annually
Firefighting personal protective equipment (PPE) to be replaced every 10 years.	10% annually
All multi-gas detectors to be replaced on a seven (7) year schedule.	15% annually
Annual inspection calibration of all gas detectors.	100% annually
Defibrillators to be replaced on a seven (7) year schedule.	15% annually
Hand power tools to be replaced on a 10-year schedule.	10% annually
Non-power hand tools to be replaced on a 20-year schedule.	5% annually
Auto-extrication equipment to be replaced on a seven (7) year schedule.	15% annually
All-auto extrication to be professionally inspected annually.	100% annually
Portable generators to be replaced on a 10-year schedule.	10% annually
Ladders to be replaced on a 20-year schedule.	5% annually
All ladders to be professionally inspected annually.	100% annually
Appliances and hoses to be replaced on a 15-year schedule.	7% annually
Electronic communication devices to be replaced on a 10-year schedule.	10% annually
SCBA, PAK and regulators, masks to be replaced every 15 years.	7% annually
All SCBA to be inspected, flow tested and maintained professionally on an annual basis.	100% annually
Thermal imaging cameras to be replaced on a 15-year schedule.	7% annually
Hydrogen Cyanide (HCN) detectors to be replaced on a 5-year schedule.	20% annually

Due to the vast amount of assets that the fire department maintains and owns, several have been grouped together. Several asset classes also have some exceptions when it comes to their replacement schedules and maintenance practices. Below are notes to further clarify the LOS table:

- a) Fire apparatus – includes all pumpers and tankers. If a piece of equipment is designated as a reserve vehicle, its life span is extended to 25 years.
- b) Non-Road Fleet – under this class are boats, UTVs, and associated trailers.
- c) Firefighting PPE – includes bunker gear, gloves, boots, helmets, balaclavas, and chaps. All firefighters are required to have a second set of bunker gear which is to be replaced every 15 years (five (5) years more than the primary listed previously).
- d) Hand power tools – within this class of assets are chainsaws, Sawzall's, leaf blowers, power drills, etc.
- e) Appliances – This includes nozzles and valves.
- f) Electronic Communication Devices – This includes pagers and portable radios.