

Fire Department Aerial Apparatus

2015 Replacement of Ladder 2



Ladder 2



NFPA 1901 Annex D Recommendations:

- Fire departments should audit their fleets in comparison to the following new definitions:
- **Definition of first-line fire apparatus:** First-line fire apparatus must be manufactured to NFPA 1901, 1991 (2003 editions) and must be maintained apparatus in accordance with NFPA 1912 and 1915.
- **Definition of reserve fire apparatus:** Reserve fire apparatus is defined as apparatus manufactured to applicable NFPA 1901 editions, after 1979 and prior to the 1991 edition. Such apparatus must have been **upgraded to include as many of the features as possible** found in 1991 or newer units and as outlined below.
- **Definition of obsolete apparatus:** Apparatus built before 1979 and/or not manufactured to meet NFPA 1901.
- **Because the changes, upgrades, and fine tuning to NFPA 1901, *Standard for Automotive Fire Apparatus*, since 1991 have been truly significant, especially in the area of safety, fire departments should seriously consider the value (or risk) to fire fighters of keeping pre-1991 fire apparatus in first-line service.**
- **Apparatus not manufactured to the applicable NFPA Fire Apparatus Standard or, that are over 25 years old, should be repalced**



Fire Underwriter's Survey

Fire insurance Grading Purposes – Service Schedule for Fire Apparatus:

Apparatus Age	Major Cities	Medium sized Cities or communities where risk is significant	Small Communities and Rural centres
0-15 years	First Line	First Line	First Line
16-20 years	Reserve	2 nd Line	First Line
20-25 years	No credit in grading	No credit in grading or reserve*	No credit in grading or 2 nd Line*
26-29 years	No credit in grading	No credit in grading or reserve*	No credit in grading or reserve*
30 years +	No Credit in grading	No credit in grading	No Credit in grading

* Exceptions to age status may be considered in a small to medium sized communities and rural centers conditionally, when apparatus condition is acceptable and successfully passes required inspections



Apparatus Replacement Costs

- Replacement of 1990 E-One 95' Aerial Platform Apparatus
- Strategy for financing for replacement through 5 year financing plan, arranged through Municipal Finance Authority to be included in 2016 budget year
- Request for Proposal in September 2015
- Proposed replacement cost of \$1.87 million CAD received through RFP process
- Review of costs, programming and determination of alternative options in consideration of operations, industry recommendations (NFPA, Fire Underwriter's), long term planning and strategy of replacement through optional course of action
- Maintain strategy of primary service status until 2021 with replacement recommended for 2026. Ladder 1 would remain in primary status until 2026 and move to reserve status upon replacement of Ladder 2 until 2031



Purchase of 2006 100' Bronto Skylift Platform Aerial Apparatus

