

Fire Truck Replacement Proposal

Warrant Committee Presentation

Fire Department Capital Budget Request

Fire Chief William DeKing

CURRENT FLEET STATUS



Current fleet

Currently: **1 ladder & 3 engines**



ISO Certification requirement

Need **3 engines** and **1 ladder** to maintain Insurance Services Office certification at **Class 2**, which affects individual homeowner insurance costs



Equipment flexibility

A ladder can count as an engine but an engine cannot count as a ladder



Height limitation

Current **75'** ladder, but some planned buildings (MSH) will be taller



Lead time challenge

Fire truck delivery lead time is **3-4 years** from order placement

Capital Budget Planning Worksheet

Original Replacement Schedule

	Big Vehicles	Year	Original Replacement Funding Year Request	Delivery Year	Anticipated Request
1	75' ladder	1997	2028	2031	\$2,000,000 (100' ladder)
2	Engine 1	2008	2032	2035	\$1,000,000
3	Engine 2	2020	2045		
4	Engine 3	2021	2046		

NEW INFORMATION - Engine 1 Crisis

The frame of Engine 1 is rotting. Will NOT last until 2035. (2032 budget request) Must be replaced earlier. Mechanic estimates requiring replacement or major overhaul in/by 2028

	Big Vehicles	Year	Original Replacement Funding Year Request	Updated Replacement Funding Year Request	Delivery Year	Anticipated Request	Notes
1	75' ladder	1996	2028	2028	2031	\$2,000,000 (100' ladder)	
2	Engine 1	2007	2032	2028	2028/2031	\$300,000/\$1,000,000	"changed years"
3	Engine 2	2020	2045	2045			
4	Engine 3	2021	2046	2046			

Conclusion From Engine 1 Crisis

Capital Budget Committee would have to address this issue in the next budget request cycle

OPPORTUNITY - Westwood Ladder Truck

NEW INFORMATION - Purchase Opportunity

- 1** Town of Westwood is trading in a **2003** 100' ladder truck for **\$15,000** to Greenwood Emergency Vehicles
- 2** Greenwood Emergency Vehicles has offered to sell the ladder truck to Medfield for **\$15,000**
- 3** Getting the ladder truck ready for use in Medfield will require an additional **\$10,000** for minor repairs, relettering, etc.
- 4** For **\$25,000** Medfield can add a 100' ladder and surplus Engine 1 with the rotting/failing frame (any sale/scrap \$\$ has not been determined)
- 5** This moves the capital requirement to replace a 2nd major fire truck to **2032** and solves an immediate need

PROPOSED SOLUTION - If We Proceed

BENEFITS

- We get a 100' ladder that meets the needs for higher buildings
- We move the capital request for a replacement engine from 2028 to 2032 (where Engine 1 was already scheduled to be replaced)
- From 2026-2035 we'd operate with 2 engines and 2 ladders and replace the 2003 ladder with an engine in 2032/2035 delivery

Updated Fleet Replacement Schedule

	Big Vehicles	Year	Original Replacement Funding Year Request	Updated Replacement Funding Year Request	Delivery Year	Anticipated Request	Notes
1	75' ladder	1996	2028				
	New Engine			2029	2032	\$1,000,000	Engine instead of ladder
	Engine 1	2008	2032	SURPLUS/TRADE IN 2026			
2	Engine 2	2020	2045	2045			
3	Engine 3	2021	2046	2046			
4	100' ladder	2003	n/a	2032	2035	\$2,000,000	100' ladder replaced