

**RE: FIRE DEPARTMENT VEHICLES**

**From: Chief Archibald**

**To: Joint Fire Committee**

**Date: February 22, 2021**

Below is a list of the Fire Department vehicles. (Vehicles owned by the Town are included but not the responsibility of the Joint Fire Committee and are included for reference).

NFPA recommends replacing an apparatus every 25 years. After 15 years the truck is recommended to go to reserve status meaning the truck should not be the first to an event. This is NOT a law but more of best practice.

Other Departments around us do different things:

-Deerfield all larger trucks (Engines, Squads, Tenders are replaced every 25 years) and smaller trucks (Brush trucks, command vehicles) are replaced every 15 years.

-Stoughton has a replacement plan of every 20 years, but they also use the city mechanics to evaluate the trucks and repair them so if the trucks deteriorate faster, they replace them accordingly.

-McFarland replaces engines at 20 years and the ladder trucks at 25 years.

-Sun Prairie replaces their trucks every 15 years and never puts them in reserved status.

-Marshall usually replaces theirs every 22 years but they have pushed it back to 24 years as their trucks have had a lot of repairs put into them.

The issue with the trucks is that a lot of manufacturers stop supporting the vehicles at 20 years so parts become harder to find and more expensive.

In Cottage Grove, 4 of our trucks were replaced at around the same time, which means they are all due for replacement around the same time.

This would be a good policy for the Joint Fire Committee to discuss and set a year replacement date for the trucks. We currently don't have anything in place.

We do not know the cost of a replacement squad or tenders because I have never priced one out. Also, the price estimates for replacement are based on today's prices. Based on the trend they will probably be higher when it comes time to replace some of them. Also mileage on these trucks is not usually the issue, it is more important to know the hours the truck has been running. Unfortunately, not all the trucks have hour counters but I include the hours on trucks that do have it.

Cottage Grove Fire Department Vehicles:

Engine 3 (E3): 1996 Custom Fire Peterbilt pumper. Mileage 39212. Hours 3182. Approved for replacement new truck arrives 3/2022.

Ladder 1 (L1): 2003 E-one 95' platform ladder mileage 16075. Should be replaced in 2028. Should be a reserve truck now but we still use it as first due for fires in the village because it is in great shape. Approximate replacement cost is 1-1.5 million.

Engine 4 (E4): 2008 Pierce Contender. Mileage 23,862. Hours 1524. Should be replaced in 2033. Should be a reserve engine in 2023. Approximate replacement cost is 650-750k.

Squad 1 (S1): 1998 Custom Fire Peterbilt Heavy Rescue. Mileage unknown at this time (it's at the repair facility). Should be replaced in 2023. Unknown replacement cost.

Brush 1 (B1): 2020 Midwest Fire F-550. Mileage 1061. Should be replaced 2040-2045. Approximate cost is 150k.

(TOWN) Tender 2 (T2): 1997 Custom Fire Peterbilt Tender. Mileage 12593. Hours 1673. Should be replaced in 2022. Approximate replacement cost \$430k.

(TOWN) Tender 1 (T1): 2000 Monroe Fire Peterbilt tender. Mileage 5221. Should be replaced 2025. Unknown replacement cost.