



# Lake County Forest Preserves

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**DATE:** August 30, 2021

**MEMO TO:** Jessica Vealitzek, Chair  
Operations Committee

**FROM:** John E. Nelson  
Director of Operations and Infrastructure

**INFORMATION:** Attached is the annual Green Fleet Policy Report for FY2021.

**STRATEGIC DIRECTIONS SUPPORTED:** Organizational Sustainability; Conservation

**FINANCIAL DATA:** Item is for information only. No direct financial impact at this time.

**BACKGROUND:** The Green Fleet Policy, which was adopted by the Board in 2007 and last revised in 2009, states that an annual report is to be presented to the Operations Committee. The purpose of this report is to provide the Committee with an updated fleet inventory and details on vehicle procurement and fleet management practices.

**REVIEW BY OTHERS:** Chief Operations Officer and Director of Finance

## GREEN FLEET ANNUAL REPORT FOR FY2021

The Green Fleet Policy, which was adopted by the Board in 2007 and last revised in 2009, states that an annual report be presented. The purpose of this report is to provide the Committee with an updated fleet inventory and details on vehicle procurement and fleet management practices.

### Fleet Vehicle Inventory:

The District currently maintains a fleet of 91 licensed vehicles. The vehicles are classified as follows:

Passenger Vehicles (PV):	28
Light Duty Trucks (LDT):	15
Medium Duty Trucks (MDT):	38
Heavy Duty Trucks (HDT):	10

By department, the vehicles are assigned to:

		<u>PV</u>	<u>LDT</u>	<u>MDT</u>	<u>HDT</u>
Operations & Infrastructure	42:	3	5	29	5
Public Safety	17:	16	1	0	0
Natural Resources	16:	1	5	5	5
Planning & Land Preservation	5:	2	3	0	0
Revenue Facilities	5:	0	1	4	0
Education	4:	4	0	0	0
General District	2:	2	0	0	0
Public Affairs & Development	0:	0	0	0	0
Finance	0:	0	0	0	0
Administration	0:	0	0	0	0
	91:	28	15	38	10

Of the ninety-one (91) total vehicles, seventy-nine (78) use gasoline and thirteen (13) use diesel fuel.

Currently, fifteen (15) of the passenger vehicles are gasoline/electric hybrid vehicles.

### Fleet Management

In response to the COVID-19 pandemic, the District temporarily delayed sending to auction several vehicles that had been replaced during 2020-2021. These “extra” vehicles allowed the District to accommodate social distancing and allow only one person per vehicle, except in required circumstances. Many of the “extra” vehicles are expected to be disposed of at auction this Fall 2021.

Notwithstanding that temporary adjustment, a number of actions have been implemented to help manage the fleet more efficiently:

- This fiscal year the District reduced the fleet by two passenger vehicles and added one medium-duty work truck. Overall, the District has reduced the number of vehicles from 106 in FY 2008/09 by 15 to 91 this fiscal year, resulting in an annual savings of approximately \$50,000.
- Staff regularly monitors usage and rotates like vehicles between departments to even out the usage over the lifespan of the units.
- The lifecycle for passenger vehicles has been increased based on usage and garage parking.
- Vehicle pools have been established for passenger vehicles based at the General Offices and Operations & Public Safety Facility to improve sharing and utilization of vehicles.
- Gasoline/electric hybrid vehicles are being procured when available at the time of replacement. Nine (9) new replacement vehicles that have been purchased and delivered this fiscal year are gasoline/electric hybrid vehicles.

## **FY 2021 Vehicle Replacements**

This fiscal year, nineteen (19) new vehicles have been or will be put into service.

Nine (9) vehicles have been purchased and delivered:

- (6) 2021 Ford Escape Hybrid SUVs
- (3) 2021 Ford Police Interceptor Hybrid SUVs

Four (4) vehicles have already been ordered and the District is awaiting delivery:

- (2) 2021 Ford F-150 Pick-up Trucks
- (1) 2021 Ford Transit T-250 Work Van
- (1) 2021 Ford F-550

Six (6) vehicles are still to be purchased by the District once model year 2022 vehicles are available:

- (3) 2022 Ford F-250 Pick-up Trucks
- (3) 2022 Ford E-350 Work Trucks

Per the vehicle replacement guidelines, the expected service lives of the new vehicles are:

- 125,000 miles for the three (3) police vehicles (approximately five years)
- Twelve (12) years for the (1) heavy-duty F-550 work truck
- Ten (10) years for the other fifteen (15) vehicles

Nine (9) of the new vehicles are gasoline/electric hybrids, which increases the current total of District hybrid vehicles to fifteen (15).

## **FY 2022 Vehicle Recommendations**

Next fiscal year ten (10) vehicles are due to be replaced based on the District's adopted vehicle replacement guidelines. Staff has reviewed each unit scheduled for replacement and will be recommending in the FY2022 budget that three (3) vehicles be replaced and seven (7) vehicles be held and re-evaluated next year for replacement consideration in FY2023.

The three (3) vehicles to be replaced are:

- (3) 2017 Ford Interceptor Police SUVs (Units 170, 171 & 172)

It is expected that all three vehicles will be able to be replaced with hybrids – new 2022 Ford Police Interceptor Hybrid SUVs, increasing the total number of District hybrid vehicles to eighteen (18) next year.

The seven (7) vehicles to be held and re-evaluated next year for replacement consideration in FY2023 are:

- (1) 2011 Chevrolet K1500 Pick-up truck (Unit 095)
- (1) 2011 Chevrolet K2500 Pick-up truck (Unit 096)
- (1) 2011 Toyota Sienna minivan (Unit 098)
- (1) 2012 Chevrolet K2500 Pick-up truck (Unit 117)
- (1) 2012 Chevrolet Colorado Crew Cab Pick-up truck (Unit 118)
- (1) 2012 Chevrolet G30 Cutaway Utility Vans (Unit 119)
- (1) 2012 Chevrolet K3500 Pick-up truck (Unit 120)