



Lake County Forest Preserves

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DATE: August 29, 2022

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 FY2022.

STRATEGIC DIRECTIONS SUPPORTED: Organizational Sustainability; Conservation

FINANCIAL DATA: Item is for information only. No direct 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 FY2022

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:	2	6	29	5
Natural Resources	17:	2	5	5	5
Public Safety	17:	16	1	0	0
Planning & Land Preservation	4:	2	2	0	0
Education	4:	4	0	0	0
Revenue Facilities – Golf	4:	0	0	4	0
Revenue Facilities – Business Development	1:	0	1	0	0
General District	2:	2	0	0	0
Community Engagement & Partnerships	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-eight (78) use gasoline and thirteen (13) use diesel.

Currently, eighteen (18) of the passenger vehicles are gasoline/electric hybrid vehicles.

Fleet Management

A number of actions have been implemented to help manage the fleet more efficiently:

- 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.
- Overall, the District has reduced the number of vehicles from 106 in FY 2008/09 to 91 this fiscal year. This 14% reduction in the fleet equates to an annual savings of approximately \$50,000.
- Staff monitors for electric and gasoline/electric hybrid vehicle options at time of replacement.

FY2022 Vehicle Replacements

Based on the District's adopted vehicle replacement budget, 11 new vehicles have been or will be ordered and put into service.

Two (2) vehicles have already been delivered and put into service this fiscal year:

- (1) 2021 Ford Transit T-250 Work Van
- (1) 2021 Ford F-550

Six (6) vehicles have been ordered and the District is waiting delivery:

- (3) 2021 Ford Police Interceptor Hybrid SUV's
- (3) 2022 Ford F-250 Pick-up Trucks

Three (3) vehicles are still to be purchased by the District once the model year 2023 vehicles are available:

- (3) 2023 Ford e-Transit Work Trucks

Three (3) of the new vehicles are gasoline/electric hybrids to be delivered, which will increase the total number of District hybrid vehicles at year's end to twenty-one (21).

It is anticipated that the three (3) electric work vans will be able to be ordered in FY2022, but will not be delivered until 2023. These would be the District's first fully-electric vehicles.

FY2023 Vehicle Recommendations

Next fiscal year fourteen (14) 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 FY2023 budget that five (5) vehicles be replaced and nine (9) vehicles be held and re-evaluated next year for replacement consideration in FY2024.

The five (5) vehicles to be replaced are:

- (1) 2012 Chevrolet G30 Cutaway Van (Unit 119)
- (1) 2018 Ford Interceptor Police SUV (Unit 181)
- (1) 2018 Ford Interceptor Police Sedan (Unit 182)
- (1) 2018 Chevrolet K1500 Pick-up - Police (Unit 184)
- (1) 2019 Ford Interceptor Police Sedan (Unit 191)

It is expected that the four police vehicles will be replaced with hybrids – new 2023 Ford Police Interceptor Hybrid SUVs, increasing the total number of District hybrid vehicles to twenty-five (25) next year.

It is expected that the work van will be replaced with an electric vehicle – new 2023 Ford e-Transit -- increasing the total number of District electric vehicles to four (4) next year.