



LAKE COUNTY FOREST PRESERVES

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Preservation, Restoration, Education and Recreation

DATE: August 26, 2019

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 FY2018-19.

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 FY2018-19

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 92 licensed vehicles. The vehicles are classified as follows:

Passenger Vehicles (PV):	28
Light Duty Trucks (LDT):	16
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	40:	1	4	26	9	
Facilities	16:	2	1	12	1	
Public Safety	17:	16	1	0	0	
Planning & Land Preservation	5:	1	4	0	0	
Natural Resources	6:	0	6	0	0	
Education	5:	5	0	0	0	
General District	2:	2	0	0	0	
Public Affairs & Development	1:	1	0	0	0	
Finance	0:	0	0	0	0	
Administration	0:	0	0	0	0	
		92	28	16	38	10

Of the ninety-two (92) total vehicles, seventy-nine (79) use gasoline and thirteen (13) use diesel fuel.

Currently, seven (7) 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:

- Last fiscal year the District reduced the fleet by two passenger vehicles. Overall, the District has reduced the number of vehicles from 106 in FY 2008/09 by 14 to 92 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. Five (5) new replacement police vehicles that have been purchased and will be delivered this fiscal year will be gasoline/electric hybrid vehicles.

FY 2018 – 2019 Vehicle Replacements

Based on the District's adopted vehicle replacement guidelines, 20 vehicles are scheduled to be replaced this fiscal year.

Two (2) of vehicles have already been replaced this fiscal year:

- (1) 2006 Chevrolet CC4500 Aerial Lift Truck (Unit 047)
- (1) 2008 IHC 7400 4x4 Dump with Plow (Unit 058)

Both units are heavy duty trucks that were replaced with model year 2019 vehicles expected to be in service for the next twelve years.

Staff is awaiting delivery of nine (9) other new vehicles that have already been approved for purchase to replace the vehicles following vehicles:

- (2) 2009 Chevrolet K3500 1-ton dump trucks with plow & spreader box (Units 083 & 084)
- (2) 2010 Chevrolet K3500 1-ton dump trucks with plow & spreader box (Units 089 & 094)
- (3) 2013 Chevrolet Police Impalas (Units 129, 130 & 131)
- (2) 2015 Ford Police Interceptors SUVs (Units 147 & 148)

The four (4) medium-duty trucks are being replaced with 2019 Ford F350s with dump bodies and are expected to be in service for the next nine years.

The five (5) replacement police vehicles will be all gasoline/electric hybrids -- three (3) 2020 Ford Police Responder Hybrid sedans and two (2) 2020 Ford Police Interceptor Hybrid SUVs. These vehicles are expected to be in service for 125,000 miles (approximately five years).

The replacement of nine (9) other vehicles is still pending this fiscal year:

- (1) 2007 Chevrolet Uplander (Unit 049)
- (2) 2007 Toyota Prius Hybrids (Units 050 & 051)
- (3) 2008 Toyota Prius Hybrids (Units 055, 056 & 057)
- (2) 2009 Chevrolet G30 Cutaway Utility Vans (Units 070 & 071)
- (1) 2009 Chevrolet Express 1500 Passenger Van (Unit 072)

FY 2020 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 has identified that all ten (10) of the vehicles will be recommended to be replaced next fiscal year.

The ten (10) vehicles recommended for replacement are:

- (2) 2009 Chevrolet Colorado Pick-ups (Units 081 & 082)
- (1) 2010 Chevrolet Express Cutaway Van (Unit 088)
- (1) 2011 Chevrolet K2500 Pick-up (Unit 097)
- (1) 2011 Chevrolet Colorado Pick-up (Unit 104)
- (3) 2011 Chevrolet K3500 Pick-ups w/ plows & spreader boxes (Units 105, 106 & 107)
- (2) 2016 Chevrolet Police Impalas (Units 156 & 157)

It is expected that at least two of the ten future replacement vehicles will be able to be replaced with hybrids -- the two (2) new police vehicles are expected to be Ford Police Responder Hybrid sedans.