

CITY OF HUDSON

2023 Fleet Replacement Plan Draft



September 19, 2022

Introduction

The City of Hudson operates and maintains a fleet inventory consisting of 133 vehicles. This includes different types of vehicles from snow plows to basic transportation across all departments. The replacement and maintenance schedules of the City's fleet vehicles is discussed annually during the budget meetings. This document provides specific information regarding the fleet management process and offers more detail on each unit scheduled for replacement. With the annual budget allocating \$750,000 annually towards the replacement of vehicles, the replacement plan formalizes the efforts of staff to show the comprehensive nature of the process while keeping an eye to the future of the City's fleet.

Fleet Usage Committee

To formalize the process, Public Works staff established a Fleet Usage Committee. Annually, this committee, consisting of a cross section of fund users, will approve and adopt the plan prior to presentation to City Council. Members of the Committee include:

- Eric Hutchinson, Assistant Public Works Director
- Don Skolnik, Assistant Public Works Superintendent
- Dan Roth, Assistant Public Works Superintendent
- Will Martin, Fleet Facilities Specialist
- Tavis Campbell, Police Detective
- Jon Strobl, HPP Systems Supervisor

In addition to adopting an annual replacement plan, the Committee will also look at bigger picture items including:

- Purchase of New Vehicles which increase fleet size
- Alternative Fuel Vehicles and Equipment
- Vehicle and Equipment Allocations
- Vehicle and Equipment Pooling

2023 Replacement Plan

The 2023 Vehicle Plan follows. The first page shows all of the purchases broken down by department. This spreadsheet will be updated throughout the year to track costs and can be shared at any time to provide a snapshot on vehicle purchase costs. The following pages provide a one-page summary for every vehicle being replaced. The summaries have vehicle pictures and include vital information from initial vehicle costs, maintenance costs, replacement costs, special equipment and vehicle life cycle.

2023 Vehicle Replacements

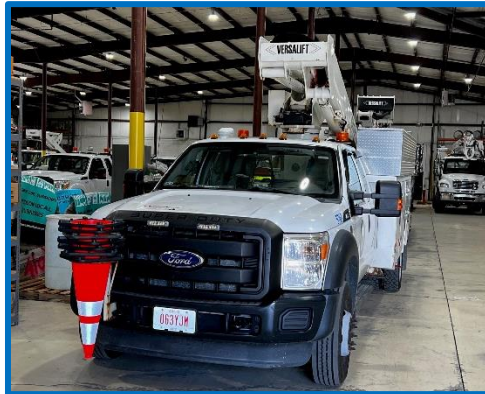
<u>Division</u>	<u>Type of Unit</u>	<u>Vendor</u>	<u>Bid Type</u>	<u>Scheduled to be Replaced</u>
Service/Streets-7757	2011 Freightliner Snow & Ice			\$263,000
HPP-5763	2012 Ford F550 Bucket Truck			\$293,733
Water Resources- 3569	2012 Chevy 2500			\$54,822
Hudson Police-1186	2020 Ford Explorer			\$47,240
Hudson Police-1187	2020 Ford Explorer			\$47,240
Hudson Police-1188	2020 Ford Explorer			\$47,240
				\$753,275

Fleet Vehicle Replacement
Fleet Vehicle Number- 7757



<u>Vehicle Year</u>	<u>Vehicle Make</u>	<u>Vehicle Model and Mileage</u>	
2011	Freightliner	M2 106 / 48,775 miles	
<u>Current Division of Use</u>	<u>Estimated Life Cycle</u>	<u>Primary Purpose</u>	
Service	10 Years	Snow removal and material hauling	
<u>Vehicle Purchase Price</u>	<u>Annual Depreciation</u>	<u>Replacement Price</u>	
\$158,653.29	\$15,865.33	\$258,000.00	
<u>Primary Reason for Replacement</u>	<u>Additional Vehicle Equipment</u>	<u>Maintenance Costs to Date:</u>	
End of life cycle	Cab and chassis configuration with snow removal package.	\$119,599.74	

Fleet Vehicle Replacement
Fleet Vehicle Number- 5763



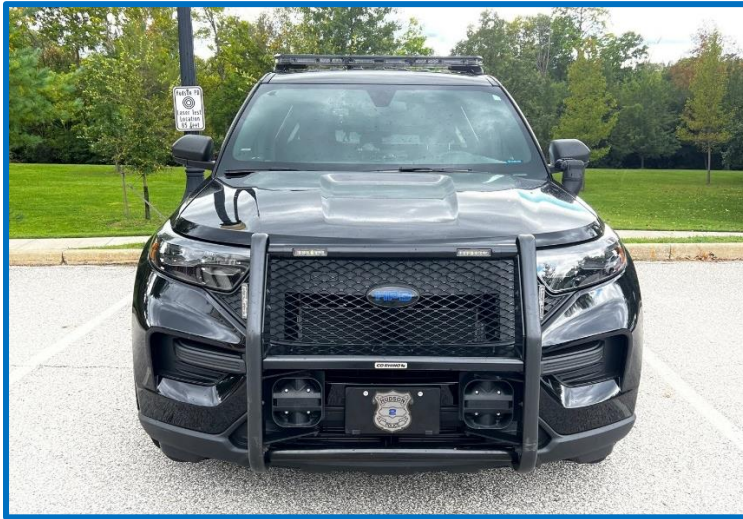
<u>Vehicle Year</u>	<u>Vehicle Make</u>	<u>Vehicle Model and Mileage</u>	
2012	Ford	F550/ 111,095 miles	
<u>Current Division of Use</u>	<u>Estimated Life Cycle</u>	<u>Primary Purpose</u>	
Hudson Public Power	10 Years	Trouble Truck/Response	
<u>Vehicle Purchase Price</u>	<u>Annual Depreciation</u>	<u>Replacement Price</u>	
\$159,327.00	\$15,932.70	\$293,733.00	
<u>Primary Reason for Replacement</u>	<u>Additional Vehicle Equipment</u>	<u>Maintenance Costs to Date:</u>	
End of life cycle	Bucket lift package, light package and radio.	\$58,571.00	

Fleet Vehicle Replacement
Fleet Vehicle Number- 3569



<u>Vehicle Year</u>	<u>Vehicle Make</u>	<u>Vehicle Model and Mileage</u>	
2012	Chevy	Silverado 2500/ 57,680 miles	
<u>Current Division of Use</u>	<u>Estimated Life Cycle</u>	<u>Primary Purpose</u>	
Water Resources	10 Years	Employee transportation	
<u>Vehicle Purchase Price</u>	<u>Annual Depreciation</u>	<u>Replacement Price</u>	
\$32,349.14	\$3,234.91	\$54,822.00	
<u>Primary Reason for Replacement</u>	<u>Additional Vehicle Equipment</u>	<u>Maintenance Costs to Date:</u>	
End of life cycle	Service body, light package and radio.	\$8,543.00	

Fleet Vehicle Replacement
Fleet Vehicle Number- 1186



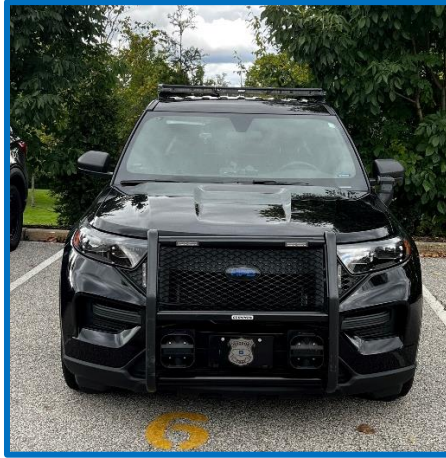
<u>Vehicle Year</u>	<u>Vehicle Make</u>	<u>Vehicle Model and Mileage</u>
2021	Ford	Explorer Hybrid / 38,694 miles
<u>Current Division of Use</u>	<u>Estimated Life Cycle</u>	<u>Primary Purpose</u>
Police	2 Years	Patrol Vehicle
<u>Vehicle Purchase Price</u>	<u>Annual Depreciation</u>	<u>Replacement Price</u>
\$35,266.00	\$17,633.00	\$47,240.00
<u>Primary Reason for Replacement</u>	<u>Additional Vehicle Equipment</u>	
End of life cycle and dependability	Light bar, vehicle divider, radio equipment and trunk gear may be recycled from current vehicle.	

Fleet Vehicle Replacement
Fleet Vehicle Number- 1187



<u>Vehicle Year</u>	<u>Vehicle Make</u>	<u>Vehicle Model and Mileage</u>
2021	Ford	Explorer Hybrid / 30,361 miles
<u>Current Division of Use</u>	<u>Estimated Life Cycle</u>	<u>Primary Purpose</u>
Police	2 Years	Patrol Vehicle
<u>Vehicle Purchase Price</u>	<u>Annual Depreciation</u>	<u>Replacement Price</u>
\$35,266.00	\$17,630.00	\$47,240.00
<u>Primary Reason for Replacement</u>	<u>Additional Vehicle Equipment</u>	
End of life cycle and dependability	Light bar, vehicle divider, radio equipment and trunk gear may be recycled from current vehicle.	

Fleet Vehicle Replacement
Fleet Vehicle Number- 1188



<u>Vehicle Year</u>	<u>Vehicle Make</u>	<u>Vehicle Model and Mileage</u>
2021	Ford	Explorer Hybrid/ 20,683 miles
<u>Current Division of Use</u>	<u>Estimated Life Cycle</u>	<u>Primary Purpose</u>
Police	2 Years	Patrol Vehicle
<u>Vehicle Purchase Price</u>	<u>Annual Depreciation</u>	<u>Replacement Price</u>
\$35,507.00	\$11,835.67	\$47,240.00
<u>Primary Reason for Replacement</u>	<u>Additional Vehicle Equipment</u>	
End of life cycle and dependability	Light bar, vehicle divider, radio equipment and trunk gear may be recycled from current vehicle.	