

**CITY OF HUDSON**  
**2020 Fleet Replacement Plan Draft**



August 16, 2019

## **Introduction**

The City of Hudson operates and maintains a fleet consisting of 133 vehicles. This includes different types of vehicles from snow plows to basic transportation across all departments. The replacement and maintenance of those vehicles has historically been discussed during budget meetings and very little information is given or discussed about the types of vehicles and the replacement process. 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
- Jeff Shiray, Assistant Public Works Superintendent
- Dan Roth, Assistant Public Works Superintendent
- Ed Yost, Fleet Facilities Specialist
- Joan Johnson, Public Works Office Manager
- Dan Thompson, Staff Sergeant
- Russ Brunstetter, Assistant Public Works Superintendent

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

## **2020 Replacement Plan**

The 2020 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.

## 2020 Vehicle Replacements

Division	Type of Unit	Vendor	Bid Type	Budgeted Amount	Actual Price
Hudson Public Power-5849	2006 Navistar Buck Truck			\$265,000.00	
Hudson Public Power-5661	2008 Ford F450 Dump Truck			\$57,012.00	
Hudson Admin./Eng. (New Vehicle)	Ford Explorer			\$38,000.00	
Service/Streets-7529	2012 Chevy Silverado			\$40,632.00	
Service/Streets-7757	2011 Freightliner			\$212,445.00	
Hudson Police-1153	2008 Ford Fusion			\$28,411.00	
Hudson Police-1175	2017 Ford Explorer			\$36,000.00	
Hudson Police-1176	2017 Ford Explorer			\$36,000.00	
Hudson Police-1177	2017 Ford Explorer			\$36,000.00	
				<b>\$749,500.00</b>	<b>\$0.00</b>

Fleet Vehicle Replacement  
 Fleet Vehicle Number- 5849



<b><u>Vehicle Year</u></b>	<b><u>Vehicle Make</u></b>	<b><u>Vehicle Model and Mileage</u></b>	
2006	Navistar	Bucket Truck / 33,394 miles	
<b><u>Current Division of Use</u></b>	<b><u>Estimated Life Cycle</u></b>	<b><u>Primary Purpose</u></b>	
Public Power	12 Years	Repairs and installations	
<b><u>Vehicle Purchase Price</u></b>	<b><u>Annual Depreciation</u></b>	<b><u>Replacement Price</u></b>	
\$160,280.00	\$13,356.67	\$265,000.00	
<b><u>Primary Reason for Replacement</u></b>	<b><u>Additional Vehicle Equipment</u></b>	<b><u>Maintenance Costs to Date:</u></b>	
End of life cycle and safety concerns	Service body with telescoping lift, stabilizers and light package.	\$29,259.31	

Fleet Vehicle Replacement  
 Fleet Vehicle Number- 5661



<b><u>Vehicle Year</u></b> 2008	<b><u>Vehicle Make</u></b> Ford	<b><u>Vehicle Model and Mileage</u></b> F450 Dump Truck / 18,141 miles	
<b><u>Current Division of Use</u></b> Public Power	<b><u>Estimated Life Cycle</u></b> 10 Years	<b><u>Primary Purpose</u></b> Materials hauling	
<b><u>Vehicle Purchase Price</u></b> \$40,723.00	<b><u>Annual Depreciation</u></b> \$4,072.30	<b><u>Replacement Price</u></b> \$57,012.00	
<b><u>Primary Reason for Replacement</u></b> End of life cycle	<b><u>Additional Vehicle Equipment</u></b> Light bar and radio.	<b><u>Maintenance Costs to Date:</u></b> \$6,741.53	

Fleet Vehicle Purchase  
 Fleet Vehicle Number- N/A



**THIS IS A NEW VEHICLE PURCHASE.**

<b><u>Vehicle Year</u></b>	<b><u>Vehicle Make</u></b>	<b><u>Vehicle Model and Mileage</u></b>	
<b><u>Current Division of Use</u></b> ACM/Engineering	<b><u>Estimated Life Cycle</u></b> 10 Years	<b><u>Primary Purpose</u></b> Utility vehicle-transport staff and gear	
<b><u>Vehicle Purchase Price</u></b> \$38,000.00	<b><u>Annual Depreciation</u></b> \$3,800.00	<b><u>Replacement Price</u></b>	
<b><u>Primary Reason for Purchase</u></b> Decided on vehicle instead of stipend	<b><u>Additional Vehicle Equipment</u></b> Four wheel drive and light bar.	<b><u>Maintenance Costs to Date:</u></b>	

Fleet Vehicle Replacement  
 Fleet Vehicle Number- 7529



<b><u>Vehicle Year</u></b> 2012	<b><u>Vehicle Make</u></b> Chevy	<b><u>Vehicle Model and Mileage</u></b> Silverado / 119,239 miles	
<b><u>Current Division of Use</u></b> Service	<b><u>Estimated Life Cycle</u></b> 8 Years	<b><u>Primary Purpose</u></b> Supervisor and storm response	
<b><u>Vehicle Purchase Price</u></b> \$30,782.00	<b><u>Annual Depreciation</u></b> \$3,847.75	<b><u>Replacement Price</u></b> \$40,632.00	
<b><u>Primary Reason for Replacement</u></b> End of life cycle	<b><u>Additional Vehicle Equipment</u></b> Four wheel drive, extended cab, light bar and radio.	<b><u>Maintenance Costs to Date:</u></b> \$25,556.72	

Fleet Vehicle Replacement  
 Fleet Vehicle Number- 7757



<b><u>Vehicle Year</u></b> 2011	<b><u>Vehicle Make</u></b> Freightliner	<b><u>Vehicle Model and Mileage</u></b> M2 106V / 41,130 miles	
<b><u>Current Division of Use</u></b> Service	<b><u>Estimated Life Cycle</u></b> 10 Years	<b><u>Primary Purpose</u></b> Snow removal and material hauling	
<b><u>Vehicle Purchase Price</u></b> \$141,630.00	<b><u>Annual Depreciation</u></b> \$14,163.00	<b><u>Replacement Price</u></b> \$212,445.00	
<b><u>Primary Reason for Replacement</u></b> End of life cycle	<b><u>Additional Vehicle Equipment</u></b> Cab and chassis configuration with snow removal package.	<b><u>Maintenance Costs to Date:</u></b> \$83,272.84	



Fleet Vehicle Replacement  
 Fleet Vehicle Number- 1153



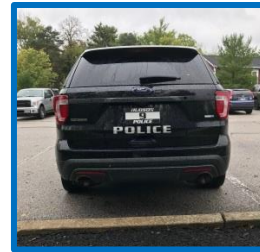
<b><u>Vehicle Year</u></b>	<b><u>Vehicle Make</u></b>	<b><u>Vehicle Model and Mileage</u></b>
2008	Ford	Fusion / 41,823 miles
<b><u>Current Division of Use</u></b>	<b><u>Estimated Life Cycle</u></b>	<b><u>Primary Purpose</u></b>
Police	4 Years	Detective Vehicle
<b><u>Vehicle Purchase Price</u></b>	<b><u>Annual Depreciation</u></b>	<b><u>Replacement Price</u></b>
\$16,386.00	\$4,096.50	\$28,411.00
<b><u>Primary Reason for Replacement</u></b>	<b><u>Additional Vehicle Equipment</u></b>	
End of life cycle	Light bar, vehicle divider, radio equipment and trunk gear may be recycled from current vehicle.	

Fleet Vehicle Replacement  
 Fleet Vehicle Number- 1175



<b><u>Vehicle Year</u></b>	<b><u>Vehicle Make</u></b>	<b><u>Vehicle Model and Mileage</u></b>
2017	Ford	Explorer / 53,300 miles
<b><u>Current Division of Use</u></b>	<b><u>Estimated Life Cycle</u></b>	<b><u>Primary Purpose</u></b>
Police	3 Years	Patrol Vehicle
<b><u>Vehicle Purchase Price</u></b>	<b><u>Annual Depreciation</u></b>	<b><u>Replacement Price</u></b>
\$25,802.00	\$8,600.67	\$36,000.00
<b><u>Primary Reason for Replacement</u></b>	<b><u>Additional Vehicle Equipment</u></b>	
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- 1176



<b><u>Vehicle Year</u></b>	<b><u>Vehicle Make</u></b>	<b><u>Vehicle Model and Mileage</u></b>
2017	Ford	Explorer / 56,700 miles
<b><u>Current Division of Use</u></b>	<b><u>Estimated Life Cycle</u></b>	<b><u>Primary Purpose</u></b>
Police	3 Years	Patrol Vehicle
<b><u>Vehicle Purchase Price</u></b>	<b><u>Annual Depreciation</u></b>	<b><u>Replacement Price</u></b>
\$25,802.00	\$8,600.67	\$36,000.00
<b><u>Primary Reason for Replacement</u></b>	<b><u>Additional Vehicle Equipment</u></b>	
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- 1177



<b><u>Vehicle Year</u></b>	<b><u>Vehicle Make</u></b>	<b><u>Vehicle Model and Mileage</u></b>
2017	Ford	Explorer / 74,800 miles
<b><u>Current Division of Use</u></b>	<b><u>Estimated Life Cycle</u></b>	<b><u>Primary Purpose</u></b>
Police	3 Years	Patrol Vehicle
<b><u>Vehicle Purchase Price</u></b>	<b><u>Annual Depreciation</u></b>	<b><u>Replacement Price</u></b>
\$25,802.00	\$8,600.67	\$36,000.00
<b><u>Primary Reason for Replacement</u></b>	<b><u>Additional Vehicle Equipment</u></b>	
End of life cycle and dependability	Light bar, vehicle divider, radio equipment and trunk gear may be recycled from current vehicle.	