

**CITY OF ROCHESTER HILLS
FLEET SERVICES DIVISION**

**2022 VEHICLE PURCHASES
THROUGH THE
OAKLAND COUNTY COOPERATIVE PURCHASE PROGRAM**

2022 BUDGETED REPLACEMENTS:

New Vehicle Make/Model Type	User Dept.	Replaces Vehicle #	Replaced Vehicle Year/Make/Model	Mileage on Vehicle	Status
GMC Sierra 4x4 Pickup	DPS	39-164	05' GMC Pickup	42,900	Auction
GMC Sierra 4x4 Pickup	DPS	39-01	01' GMC 4x4 Pickup	42,700	Auction
GMC Sierra 4x4 Pickup	Parks	39-291	10' GMC 4x4 Pickup	53,500	Auction
GMC Sierra 4x4 Pickup	Parks	39-274	08' GMC 4x4 Pickup	45,000	Auction
GMC Sierra 4x4 Pickup	DPS	39-289	10' GMC 4x4 Pickup	42,500	Auction
GMC Sierra 4x4 Pickup	DPS	39-299	11' GMC 4x4 Pickup	35,500	Auction
GMC Sierra 4x4 Pickup	DPS	39-538	12' GMC 4x4 Pickup	41,200	Auction
GMC Sierra 4x4 Pickup	DPS	39-154	08' GMC 4x4 Pickup	50,200	Auction
GMC Sierra 4x4 Pickup	Parks	39-290	10' GMC 4x4 Pickup	67,300	Auction
GMC Sierra 4x4 Pickup	Parks	39-529	11' GMC 4x4 Pickup	47,000	Auction
GMC Sierra 4x4 Pickup	Park	New			
GMC Sierra 4x4 Pickup	Parks	New			
GMC Sierra 4x4 Pickup	Parks	New			
GMC Terrain SUV	Assessing	39-582	16' Jeep Patriot	8,500	Auction
Chevrolet Traverse SUV	RHTV	39-555	12' Jeep Liberty	24,000	Auction
Chevrolet Bolt EV	DPS	39-175	06' Jeep Liberty	104,000	Auction
Chevrolet Bolt EV	DPS	39-178	06' Chevrolet Malibu	31,500	Auction
Chevrolet Bolt EV	Assessing	New			

Mileage as of 10/15/2021

39-291, 274, 290, 529 are 4x4 pickup trucks with snowplow used by DPS and Parks personnel for plowing pathways (bike paths), parking lots, and road intersections in winter, and for road maintenance and repairs, water & sewer maintenance and repairs, and various other DPS and Parks operations throughout the year. The conditions these 4x4 pickup trucks encounter while plowing snow are extreme. The snowplows attached to these vehicles are heavy duty units, but are designed to be used for plowing driveways and small parking lots. DPS uses 4x4 pickup trucks to plow roads where our dump trucks are too large to operate (cul-de-sacs, eyebrows, dead-end streets). This type of plowing takes its toll on the trucks & plowing equipment. We have found that after 5-6 years of extreme service these units begin to become unreliable and often require excessive repair and maintenance to keep them in a safe, reliable condition resulting in an unacceptable amount of down time and repair costs.

39-154 is a pickup that serves the same uses as the trucks above, additionally this truck is also outfitted with a 4 yard dump box to assist with moving smaller amounts of material for small jobs and can access areas our larger dump trucks cannot without causing damage.

39-289, 39-299, and 39-538 are 4x4 pickups that receive a plow, but instead of a bed they are fitted with a platform used to haul pallets and heavy materials that would damage a typical truck bed and be difficult to load and unload.

39-01 and 39-164 are dual rear wheel pickups ordered without a bed, they receive a platform body used to haul very heavy items. One truck will receive a lift gate to aid in loading heavy items, the other is used by the City's water tap crew to haul the underground directional boring box.

39-175, 39-178 are daily use pool vehicles for departments to conduct City business. These will be Chevy Bolt electric vehicles. One will be placed at City Hall to replace our current Pool vehicle with over 100,000 miles, the other at DPS garage also to be utilized as a pool vehicle. One additional will also be added to the Assessing Department's fleet. These vehicles will allow many City vehicle users to become comfortable with electric vehicles as they become more prevalent.

39-582 and 39-555 are daily use vehicles for departments to conduct City business, they spend much of their time at City Hall outside of the covered DPS garage and we find that the undersides of the body, brake lines, and exhaust degrade over time and these vehicles are at the age they should be replaced to for the City to see it's best return on investment and before requiring major repairs.

Vehicle odometer readings cannot be the only criteria used to determine if a vehicle should be replaced. Extreme conditions such as snow plowing, pulling heavily loaded trailers, construction site conditions, stop and go driving, extended idling and the vehicle's general condition are also important considerations.

The city's fleet vehicle & equipment policy, which includes a replacement timetable, was created in 1988 to provide a responsible program and process for the practical maintenance and replacement of the City's vehicles and equipment. One of Fleet Services Division's goals is to: "Maintain the fleet in a safe, useful condition through proactive, preventive maintenance and scheduled replacement". Proactive and Scheduled replacement both address the issue of replacing a vehicle having relatively low miles, but it may have seen severe service and or high engine run hours. We strive to maximize the vehicle's life cycle while maintaining the lowest possible cost.

The 7-year replacement schedule for cars and light trucks is a guideline, not a rigid requirement. Often, vehicle replacements are postponed for extended utilization periods. To optimize lifecycle each vehicle that is fully depreciated is evaluated, and if criteria for replacement is not met, replacement is postponed for 1 year and then vehicle condition is re-evaluated.

In most cases, we have found that after 7 years, or about 40,000 miles, frequency of vehicle maintenance and repairs significantly increases driving up overall operating costs. It is in the best interest of the City to replace, rather than to repair these vehicles.

The City purchases cars and light trucks through the Oakland and Macomb County Cooperative Purchase programs, and the State of Michigan Extended purchase program. Vehicles are purchased through these programs at a cost significantly lower than retail, and surplus vehicles are disposed of via public auction. Purchasing the vehicles at a discount, and selling them at public auction (where we have been getting excellent returns) before they incur significant maintenance costs results in a relatively low total cost of ownership or life cycle cost for the City.

Vehicle manufacturers allot a very small percentage of their order schedules for fleet vehicles. Order cut-off is usually in the first quarter of the model year. Therefore, it is important that the City expedite the purchase process to avoid missing the order cut-off date. If the cut-off date is missed, the vehicles would either have to be purchased retail, or replacement deferred to the next model year, and may incur additional repair and or maintenance costs and down-time issues.