

**CITY OF ROCHESTER HILLS
FLEET SERVICES DIVISION**

**2015 VEHICLE PURCHASES
THROUGH THE
OAKLAND COUNTY COOPERATIVE PURCHASE PROGRAM**

2015 BUDGETED REPLACEMENTS:

<u>New Vehicle Make/Model</u>	<u>Vehicle Type</u>	<u>User Dept.</u>	<u>Replaces Vehicle #</u>	<u>Replaced Vehicle Year/Make/Model</u>	<u>Mileage on Vehicle</u>	<u>Status</u>
GMC Sierra 4x4	Pickup	DPS/Eng	39-21	08 GMC 4x4 Pickup	54,253	Auction
GMC Sierra 4x4	Pickup/P	DPS	39-149	08 GMC 4x4 Pickup/P	25,279	Repl. older spare
GMC Cargo	Van	DPS/Metrs	39-171	06 GMC Cargo Van	105,021	Auction
GMC Sierra 4x4	Pickup	Building	39-173	06 Dodge Pickup	51,142	Auction
Chevy Equinox	SUV	Building	39-176	06 Jeep Liberty	24,919	DPS Pool
Chevy Equinox	SUV	Building	39-177	06 Jeep Liberty	39,200	City Hall Pool
GMC Utility Hyd.	Pickup	DPS	39-180	07 GMC Pickup	36,785	Auction
GMC Sierra 4x4	Pickup	DPS	39-181	07 GMC Pickup	110,133	Auction
GMC Sierra 4x4	Pickup/P	DPS/Eng	39-183	07 GMC Pickup/P	66,314	Auction
GMC Sierra 4x4	Pickup	DPS/Eng	39-186	07 GMC Van	51,459	Auction
GMC Cargo	Van	DPS/Metrs	39-187	07 GMC Van	55,385	Auction

Mileage as of 11-19-2014

39-21 is a 4x4 extended cab pickup truck used by a DPS engineering inspector. Engineering inspectors are routinely assigned to numerous projects and spend most of the day at and or driving between various jobsites around the city. Inspectors spend considerable time inside their vehicles doing paperwork, reviewing plans etc. The vehicles see considerable idle time during harsh temperature conditions in order to run the heater or air conditioner to keep the inspector from freezing or overheating.

39-173 is used by Building Department inspectors. These vehicles are used daily for transportation to and from job and inspection sites and often encounter severe conditions such as unimproved roads, vacant undeveloped land, mud and loose soil conditions, and unplowed roads in winter. Building Inspectors carry a variety of plans, drawings, tools and equipment that need to be kept in a dry secure area inside the vehicle.

39-186 is a GMC Cargo van that was used by DPS personnel for utilities stake-outs and other water and sewer tasks. Operational needs have changed, and the funds for replacement of this vehicle will be used to purchase a 4x4 pickup truck for an engineering inspector's position that was originally planned to be eliminated because of a retirement, but divisional needs have changed, and the position will now be filled.

39-181 is a 4x4 pickup truck used by the DPS Roads Division General Foreman. The truck is used daily for transportation to various jobsites to supervise work crews, investigate complaints, and other supervisory tasks. The foreman spends the better part of the day driving from site to site and is required to carry a variety of sensitive equipment, tools and records requiring the space provided in an extended cab pickup truck. This vehicle sees mostly stop & go driving, and extended engine idling periods.

39-171 and 39-187 are vans used by water department personnel for water meter service, installation and repairs and MXU radio read equipment installs. Meter vans are usually heavily loaded with meters, tools and

equipment, and see 100% stop and go driving 8 hours a day, which is hard on brakes, tires, suspensions, and transmissions.

39-176 and 39-177 are SUVs assigned to the Building Department officials and management team. These vehicles are used daily for transportation to and from job and inspection sites and often encounter severe conditions such as unimproved roads, vacant undeveloped land, mud and loose soil conditions. These trucks are also used to transport a variety of Building Department personnel to training and seminars that are held outside of the city. Building Department officials, Inspection Services and Ordinance Enforcement personnel routinely attend training and seminars in groups and require a vehicle with more seating capacity than a pickup truck. Building Department Officials carry a variety of emergency response equipment, plans, drawings, tools and equipment that need to be kept in a dry secure area inside the vehicle.

39-149, 39-180 and 39-183 are 4x4 pickups with snowplows used for plowing cul-de-sacs, intersections, dead end streets, bike paths and parking lots in winter, and used by DPS personnel for road maintenance and repairs, water & sewer maintenance and repairs, and various other DPS 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 6-7 years of extreme service these units become unreliable and require excessive repair and maintenance to keep them in a safe, reliable condition resulting in an unacceptable amount of down time and repair costs. To better serve DPS operations, 1 of these new trucks will be equipped with a utility body and electric crane.

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, 100% stop and go driving and the vehicle's general condition are also important considerations.

The city's fleet 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 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 life cycle 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 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) 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 have to be purchased retail, or the vehicles in need of replacement deferred to the next model year would incur additional repair and or maintenance costs.