

**CITY OF ROCHESTER HILLS
FLEET SERVICES DIVISION**

**2018 VEHICLE PURCHASES
THROUGH THE
OAKLAND COUNTY COOPERATIVE PURCHASE PROGRAM**

2018 BUDGETED REPLACEMENTS:

New Vehicle Make/Model	Vehicle Type	User Dept.	Replaces Vehicle #	Replaced Vehicle Year/Make/Model	Mileage on Vehicle	Old Vehicle Status
GMC Savanna	Van	Facilities	39-147	01 GMC Van	32,450	Auction
GMC Savanna	Van	Facilities		New/Additional		
GMC 3500	2yd Dump	DPS	39-282	09 GMC 1 Ton Utility	11,100	Bump Older
GMC Sierra 4x4	4x4 PU	DPS	39-289	10 GMC 4x4 Pickup	23,350	Auction
GMC Sierra 4x4	4x4 PU	Parks	39-529	11 GMC 4x4 Pickup	37,400	Auction
Chev Traverse	SUV	Building		New/Additional		
GMC Sierra 4x4	Pickup	Building		New/Additional		
GMC Sierra 4x4	Pickup	Building		New/Additional		
GMC Sierra 4x4	Pickup	Building		New/Additional		
GMC Sierra 4x4	Pickup	Ord. Enf.		New/Additional		
Chev. Traverse	SUV	DPS/Pool		New/Additional		

Mileage as of 11-14-2017

39-147 is a full sized van used by the Building/Facilities division for transportation of custodial and maintenance supplies, tools and equipment to and from all city facilities including 52-3 District Court, the OCSD Rochester Hills Station, precinct buildings, Museum, and the 5 Fire Stations. The additional van for the Facilities Division will be driven by the new Facilities Manager for transportation between city facilities, meetings with vendors, to training, and to pick up parts and supplies. The Facilities Manager is required to carry a variety of tools, emergency response equipment, plans, drawings, and other items that need to be kept in a dry secure area inside the vehicle.

39-282 is a 3/4 ton pickup truck with plow used by the Roads Division. This truck will be upgraded to a one-ton chassis with 2 yard dump body. DPS currently has one 2 yard dump truck with very high utilization, and roads division supervision has justified the need for a second 2 yard dump. Upgrading a pickup to a second small dump truck will increase productivity. 282 will bump an older, higher mileage pool vehicle to auction.

39-289 is a 4x4 pickup with snowplow 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 may 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.

39-529 Parks uses 4x4 pickups to plow parking lots and roads at all of the city park sites, and for trailer towing lawn mowers, tractors, utility vehicles and other parks vehicles and equipment. The conditions these 4x4 pickup trucks encounter while plowing snow are extreme. 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 may become unsafe, unreliable, and require excessive repair and maintenance resulting in an unacceptable amount of down time and repair costs.

The 3 additional trucks for the building department will be utilized by full and part time inspectors and other employees. Building Department vehicles are used daily by Building Department Inspectors and other personnel 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 personnel 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.

An additional Chevy Traverse will be utilized by 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. This vehicle will 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.

The additional truck for the Ordinance Compliance division will be replacing an 11 year old truck that was previously replaced, but kept as an additional vehicle (for the past three years) for use by part time employees and department employees without an assigned vehicle. The 2006 GMC has been incurring significant repair costs and out of service time negatively affecting operations in the division. The additional new vehicle will rectify this operational difficulty. Ordinance Enforcement vehicles are used daily by Building Department Ordinance Enforcement personnel for routine and special inspections, surveillance, site reviews, and frequent trips to meetings, training, and seminars outside the City. These vehicles see considerable stop & go driving and extended engine idling periods.

An additional Chevy Traverse will be added to the City Hall vehicle pool currently that has 3 vehicles, and utilization of all 3 has gradually become extremely high. 2 of the 3 pool cars are re-purposed vehicles that were fully depreciated and replaced, but kept for use in the pool when pool utilization was lower. The pool has a need for an additional vehicle to meet the transportation needs of employees at city hall that don't have dedicated vehicles assigned to them.

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 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 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 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.