

**CITY OF ROCHESTER HILLS  
FLEET SERVICES DIVISION**

**2011 VEHICLE PURCHASES  
THROUGH THE  
OAKLAND COUNTY COOPERATIVE PURCHASE PROGRAM**

**SCHEDULED REPLACEMENTS:**

<b>New Vehicle Make/Model</b>	<b>Vehicle Type</b>	<b>User Dept.</b>	<b>Replaces Vehicle #</b>	<b>Replaced Vehicle Year/Make/Model</b>	<b>Mileage on Vehicle</b>	<b>Disposition of Replaced Vehicle</b>
GMC Sierra 4x4	Platform	DPS	39-02	01 GMC 4x4 Platform	19,660	Bump spare 4x4 to auction
GMC Sierra 4x4	Platform	DPS	39-05	03 GMC 4x2 Pickup	29,836	05 Auction
			39-111	04 GMC 4x2 Pickup	36,995	111 Auction
GMC Sierra 4x4	Pickup	Facilities	39-14	03 GMC 4x4 Pickup	26,312	Auction
Chevy Cruz	Car	DPS Pool	39-38	98 Chevy Lumina	43,627	Auction
GMC Sierra 4x2	Platform	DPS	39-53	00 GMC 4x2 Platform	56,077	Auction
GMC Sierra 4x4	Platform	DPS	39-93	04 GMC 4x4 Pickup	21,521	Bump older spare 4x4 to auction
Chevy Cruz	Car	DPS/Eng	39-125	01 Chrysler Sebring	28,411	Auction
GMC Sierra 4x4	Platform	DPS	39-167	03 GMC 4x2 Pickup	30,732	Bump older spare 4x4 to auction
GMC Sierra 4x4	Pickup	Parks	39-168	04 GMC 4x4 Pickup	65,503	Bump older spare 4x4 to auction

Mileage as of 1-5-11

39-02, 39-93 and 39-167 are 4x4 pickups with a platform body and snowplow used for plowing parking lots, cul-de-sacs and intersections 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 5-6 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.

39-05 and 39-111 are 4x2 pickup trucks used by the water meter Crew Leader and water tap Crew Leader. Both truck's utilization has been significantly reduced recently and it has been determined that we can eliminate one of them. Funds budgeted of the replacement of 05 and 111 will be used to purchase one 4x4 pickup/platform with plow. This will provide for an additional plow truck for winter maintenance operations which DPS supervision has requested and will increase vehicle utilization.

39-14 is a 4x4 pickup with snow plow utilized by the Facilities division for daily facilities maintenance operations, transporting furniture, equipment and supplies and for snow plowing.

39-38 and 125 are mid sized cars. 38 is assigned to the City Hall vehicle pool and used by City employees for a variety of tasks, duties and trips out of town to meetings, training and seminars. 125 is used by DPS/Engineering Traffic Division and is equipped with an electronic distance measuring device to measure roadways, placement of traffic control signs, and other distance measuring tasks.

39-53 is a 4x2 tool truck used by the DPS/roads concrete road repair crew to carry personnel, tools, forms, equipment and material to and from road repair and maintenance jobs within the city.

39-168 is a 4x4 pickup truck that the Parks Department uses 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 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

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Vehicle odometer readings cannot be the only criteria used to determine if a vehicle should be replaced. Extreme conditions (Snow plowing, pulling heavily loaded trailers, construction site conditions, etc), 100% stop and go driving, extended idling periods 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 (6 for trucks with snowplows) 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 6-7 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 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 would have to be repaired at significant cost.