Department of Public Works
Division: Fleet Services

FLEET REVIEW AND REPLACEMENT PROCESS

Fleet Services is constantly monitoring the City's fleet to ensure that all vehicles and equipment are kept to their most economical and efficient life. Upon replacement of most vehicles, emphasis is now given to the feasibility of replacing with "Green Vehicle Technology" such as electric, hybrid-electric plug in and natural gas. Currently the City has one Neighborhood Electric Vehicle (NEV) in the Police Department.

The *Vehicle and Equipment Replacement Schedule* will be reviewed each year based on a 15-point replacement projection system that uses the guidelines of age, mileage (hours), condition, and maintenance cost. In addition, factors such as serviceability and technological life will be evaluated.

In some circumstances, projected replacement may have to be modified if a vehicle or equipment cannot be maintained as a safe unit or it is economical to replace it. When possible, vehicles will be reassigned within departments or between departments in order to maximize full unit life under the replacement criteria.

Vehicle and Equipment Replacement Criteria:

- **Age**
  - Sedans and compact vehicles up to 15 years.
  - Full size pickups and passenger vans up to 15 years.
  - Medium and heavy duty trucks up to 15 years.
  - Equipment will vary depending on the nature of use.
    - Heavy-duty construction/maintenance equipment (backhoes, loaders, etc.) up to 15 years.
    - Light equipment/constant usage equipment (skid-steers, chippers, etc) 5 to 10 years.
    - Grounds maintenance, leaf collector, support and snow equipment 5 to 15 years.
    - Equipment trailers and snowplows 15 to 20 years.
- **Meter (Mileage and/or Hours)**
  - 100,000 miles for sedans, SUV's, and trucks up to 10,000 Gross Vehicle Weight Rating (GVWR) or 3,500 hours engine run time.
  - 150,000 miles for medium and heavy-duty trucks and passenger buses or up to 6,500 hours engine run time.
  - Equipment 2,000 to 6,000 hours depending on usage.
- **Condition**
  - In some circumstances, vehicles and equipment may be subject to premature life expectancy due to operational conditions. Factors such as accident damage, excessive maintenance cost, and major body and component deterioration will be cause for replacement.
- **Police Vehicles**
  - Replacement is based on a 5 to 7 year life cycle and 100,000 miles. However, depending on a vehicle's condition and usage, it may be reassigned to obtain extended useful life.
- **Usefulness**
  - Vehicle and equipment usage is consistent with its acquired task.

FIGURE 13-13: 2011 Fleet Replacement Review

Units Reviewed	Percentage of Fleet	Units Recommended for Replacement	Percentage of Fleet Recommended for Replacement
95	23.0 %	31	7.5 %

FIGURE 13-14. FY 2012 Fleet Replacement Schedule
The following tables list new and replacement vehicles to be purchased in FY12. The replacement vehicles are funded through the Vehicles for City Use CIP project on page 116 of the FY12 – FY16 Adopted CIP Budget Book.

Police Department / Field Services Bureau

	Meet One or More Replacement Criteria (✓)				
Specific unit replacement is determined at time of new acquisition based on changing circumstances that are inherent in police vehicle operations.					
Unit Description	Age	Meter	Cond.	Use	Estimated Funding
Police Vehicle	✓	✓	✓		$25,305
Police Vehicle	✓	✓	✓		$25,305
Police Vehicle	✓	✓	✓		$25,305
Police Vehicle	✓	✓	✓		$25,305
Police Vehicle	✓	✓	✓		$25,305
Police Vehicle	✓	✓	✓		$25,305
Police Vehicle	✓	✓	✓		$25,305
Police Vehicle	✓	✓	✓		$25,305

Department of Public Works
Division: Fleet Services

Department of Public Works / Construction Management

	Meet One or More Replacement Criteria (✓)				
Unit Description	Age	Meter	Cond.	Use	Estimated Funding
(222) '96 Ford Windstar	✓		✓		$19,700

Department of Public Works / Operations and Maintenance

	Meet One or More Replacement Criteria (✓)				
Unit Description	Age	Meter	Cond.	Use	Estimated Funding
(237) '00 Chev 4x4 pickup			✓		$25,250
(274) '00 GMC 4x4 pickup		✓	✓		$28,280
(293) '00 Chev crew 4x4 pkup			✓		$34,340
(297) '00 Chev crew pickup			✓		$33,330
(317) '00 Ford F550 4x4 dump			✓		$55,830
(471) '97 GMC 7000 Dump	✓		✓		$175,560
(800) HD Snowplow	✓		✓		$6,360
(7xx) Saltbox	✓		✓		$9,740

Department of Public Works / Fleet Services

	Meet One or More Replacement Criteria (✓)				
Unit Description	Age	Meter	Cond.	Use	Estimated Funding
(221) '96 Ford Windstar	✓		✓		$19,700
(598) '70 Tennant Sweeper	✓	✓	✓	✓	$26,650

Department of Recreation and Parks / Open Spaces

	Meet One or More Replacement Criteria (✓)				
Unit Description	Age	Meter	Cond.	Use	Estimated Funding
(261)' 04 Chev 4x4 pickup			✓		$19,190
(294) '00 Chev crew pickup			✓		$25,250
(295) '00 Chev crew pickup			✓		$25,250
(318) '00 Ford F550 Dump			✓		$55,830

Unscheduled acquisition – no department designation (new)	$24,000
General Fund (Capital Projects Fund) Total	**$786,700**

Department of Public Works / Water System Maintenance

	Meet One or More Replacement Criteria (✓)				
Unit Description	Age	Meter	Cond.	Use	Estimated Funding
(239) '00 Chev 4x4 pickup		✓	✓		$25,250
(292) '00 Chev 4x4 pickup			✓		$26,260
(703) '91 Custom Eq Trailer	✓				$7,690
				Water Fund Total	**$59,200**

Department of Public Works / Sewer System Maintenance

	Meet One or More Replacement Criteria (✓)				
Unit Description	Age	Meter	Cond.	Use	Estimated Funding
(470) '97 GMC Dump	✓		✓		$175,600
				Sewer Fund Total	**$175,600**

Department of Public Works / Recycling and Refuse Collections

	Meet One or More Replacement Criteria (✓)				
Unit Description	Age	Meter	Cond.	Use	Estimated Funding
(447) 00 International LM				✓	$192,850
(TBD) OBD Leaf Collector	✓	✓	✓	✓	$55,350
				Refuse Fund Total	**$248,200**

Department of Public Works
Division: Fleet Services

Department of Public Works / Stromwater Management

	Meet One or More Replacement Criteria (✓)				
Unit Description	Age	Meter	Cond.	Use	Estimated Funding
(273) '00 GMC 4x4 pickup		✓	✓		$28,300
				SWM Fund Total	**$28,300**

Grand Total - All Funds	**$1,298,000**

FIGURE 13-15. City Fleet Mechanic Performing Service on Backhoe.

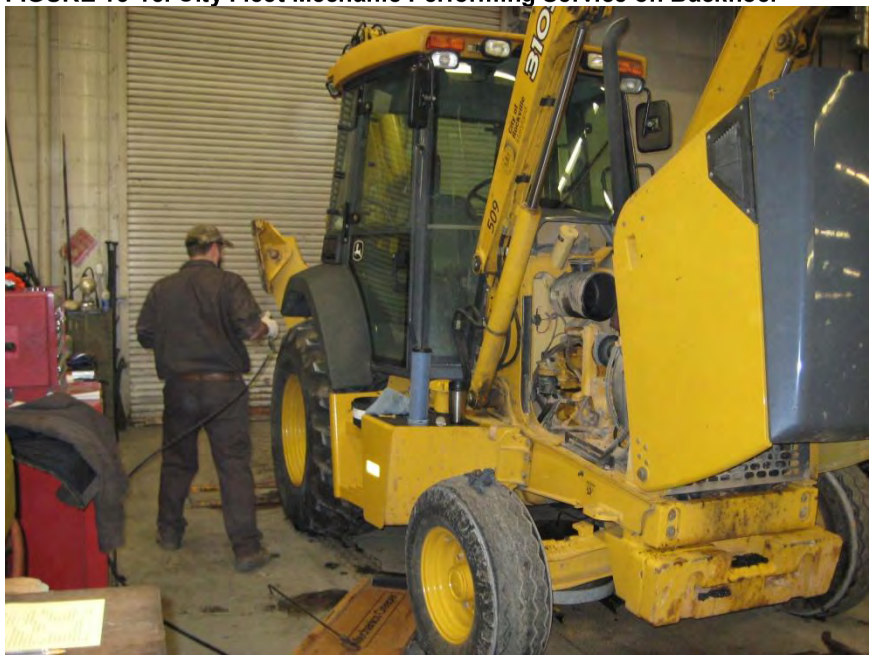

FIGURE 13-16. City Fleet Mechanic Using a Mobile Lift.