

Department of Public Works

Division: Fleet Services

FLEET REVIEW AND REPLACEMENT PROCESS

Fleet Services is constantly monitoring the City fleet to ensure that all vehicles and equipment are kept to their most economical and efficient life. Upon replacement of most vehicles, consideration is 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, SUVs, 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 vehicle 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 - 12. 2013 Fleet Replacement Review

Units Reviewed	Percentage of Fleet	Units Recommended for Replacement	Percentage of Fleet Recommended for Replacement
85	20.4 %	22	5.2 %

FIGURE 13 - 13. FY 2013 Fleet Replacement Schedule

The following tables list new and replacement vehicles to be purchased in FY 2013. The replacement vehicles are funded through the Vehicles for City Use CIP project on page 110 of the FY 2013 – FY 2017 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	✓	✓	✓		\$26,570
Police Vehicle	✓	✓	✓		\$26,570
Police Vehicle	✓	✓	✓		\$26,570
Police Vehicle	✓	✓	✓		\$26,570
Police Vehicle	✓	✓	✓		\$26,570
Police Vehicle	✓	✓	✓		\$26,570
Police Vehicle	✓	✓	✓		\$26,570

Department of Public Works

Division: Fleet Services

Department of Public Works / Operations and Maintenance

Unit Description	Meet One or More Replacement Criteria (✓)				Estimated Funding
	Age	Meter	Cond.	Use	
(472) '98 GMC Dump Truck	✓		✓		\$107,235
(702) '97 Conrail Trailer	✓		✓		\$5,255
(704) '97 Master Track Trailer	✓		✓		\$7,880
(7xx) Saltbox			✓		\$11,070
(8xx) Snowplow			✓		\$6,515

Department of Recreation and Parks / Senior Services

Unit Description	Meet One or More Replacement Criteria (✓)				Estimated Funding
	Age	Meter	Cond.	Use	
(305) '00 Bluebird 24p bus			✓		\$128,905

Department of Recreation and Parks / Open Spaces

Unit Description	Meet One or More Replacement Criteria (✓)				Estimated Funding
	Age	Meter	Cond.	Use	
(253) '00 Chev 1 ton pickup			✓		\$29,040
(705) '97 Conrail Trailer	✓		✓		\$7,880
(712) '90 Centerville Trailer	✓		✓		\$7,880

Unscheduled acquisition – no department designation (new)	\$24,026
General Fund (Capital Projects Fund) Total	\$548,246

Department of Public Works / Recycling and Refuse Collections*

Unit Description	Meet One or More Replacement Criteria (✓)				Estimated Funding
	Age	Meter	Cond.	Use	
(291) '98 Chev 1 ton pickup	✓	✓		✓	\$26,765
(410) '97 Ford / Pak-Mor	✓	✓	✓		\$253,750
(428) '98 Ford/ Pak-Mor	✓	✓	✓		\$253,750
Refuse Fund Total					\$534,265

* The Recycling and Refuse vehicles will be purchased using unspent prior year Refuse Fund savings currently in the Vehicles for City Use CIP project.

Department of Public Works / Stormwater Management

Unit Description	Meet One or More Replacement Criteria (✓)				Estimated Funding
	Age	Meter	Cond.	Use	
(451) '98 Ford VacCon	✓	✓	✓		\$458,450
SWM Fund Total					\$458,450

Grand Total - All Funds	\$1,540,961
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