

MEMORANDUM

DATE: May 21, 2000

TO: Bruce Morris - Acting City Administrator

FROM: Cris Papierniak - Director of Public Works & Engineering

SUBJECT: Vehicle Replacement Schedule

In response to several Alderman's concerns regarding the timing of the City's vehicle replacement, the Public Works Department prepared a survey. The survey was sent to all the members of the Northwest Municipal Conference with 24 members responding. Attached is a copy of the results:

The average replacements, based on the survey, are listed below:

Police Pursuit	2.5 Years/78,850 miles
Police Administration	5.0 Years/72,500 miles
General Administration	6.0 Years/73,750 miles
Light Duty Trucks	7.4 Years/62,000 miles
1 Ton Dump Trucks	8.2 Years/60,000 miles
2.5 Ton Dump Trucks	10.9 Years/40,000 hours
Tractors/Front End Loaders	14.7 Years/6,100 hours
Flusher Trucks	11.5 Years/4,500 hours
Aerial Lifts	11.46 Years

Based on the results of the survey and the City's past practices, I recommend the City adopt the following vehicle replacement guidelines:

Police Pursuit	100,000 miles
Pool Vehicles	120,000 miles
Administration Vehicles (including Police/Detective)	100,000
Light Duty Trucks	10.0 Years/80,000 miles
1 Ton Dump Trucks	12.0 Years/80,000 miles
2.5 Ton or Larger Trucks	15.0 Years/50,000 hours
Backhoes/Front End Loaders	15.0 Years/6,500 hours
Flusher Trucks	15.0 Years/6,500 hours
Other Equipment	15.0 Years

Actual Vehicles to be replaced in a particular budget year will be evaluated for current condition (both mechanical and body) and expect repair costs. Once each vehicle is reviewed, a final replacement schedule will be developed during the budget process. It is possible that a vehicle requires replacement prior to or later than the proposed schedule.

Based on the guidelines presented, listed below is the proposed ten year vehicle replacement schedule:

10 Year Replacement 00/01 to 09/10

00/01	605	Police Pursuit	27,000		
	606	Police Pursuit	23,000		
				TOTAL	\$50,000
01/02	602	Police Pursuit	23,500		
	610	Police Pursuit	23,500		
	612	Police Pursuit	23,500		
	Used	Two Ton Dump	15,000		
	841	One Ton Dump	43,000		
		One Ton Hot Mix Trailer	10,000		
				TOTAL	\$138,500
02/03	607	Police Detective	24,000		
	608	Police Pursuit	24,000		
	846	One-Ton Dump	45,000		
	848	Aerial Lift (used)	35,000		
	892	Bobcat Conversion	6,000		
		Bobcat Trencher	10,000		
				TOTAL	\$144,000
03/04	601	Police Administrative	25,000		
	604	Police Pursuit	25,000		
	839	Front End Loader	126,000		
	840	Water Vehicle	30,000		
		Bobcat Grinder Attachment	10,000		
				TOTAL	\$216,000
04/05	609	Police Pursuit	26,000		
	611	Police Admin.	26,000		
	845	Two-Ton Dump	78,000		
	899	Chipper	20,000		
				TOTAL	\$150,000
05/06	605	Police Pursuit	27,000		
	602	Police Pursuit	27,000		
	612	Police Pursuit	27,000		
	843	3/4 Ton	32,000		
		Asphalt Paver	9,000		
				TOTAL	\$122,000
06/07	606	Police Pursuit	28,000		
	608	Police Pursuit	28,000		
	832	Backhoe	72,000		
	838	Two Ton Dump	82,000		
	Used	Two Ton Dump	17,500		
				TOTAL	\$227,500

07/08					
	604	Police Pursuit	29,000		
	607	Police Pursuit	29,000		
	847	One Ton Dump	51,000		
				TOTAL	\$109,000

08/09					
	610	Police Pursuit	30,000		
	894	Asphalt Roller	16,000		
				TOTAL	\$46,000

09/10					
	602	Police Pursuit	31,000		
	612	Police Pursuit	31,000		
	893	Landscape Mower	11,500		
				TOTAL	\$73,500

VEHICLE REPLACEMENT

10 YEAR TOTAL \$1,276,500

**City of Prospect Heights
Fleet Report – 5/06/04**

<u>Department</u>	<u>Year</u>	<u>Make</u>	<u>Model</u>	<u>Mileage</u>
Administration	1994	Ford	Crown Vic	103,772
Building	1990	Ford	Crown Vic	118,364
Engineering	1995	Ford	Taurus	77,443
Engineering	1993	Ford	Crown Vic	109,951
Police	2001	Ford	Taurus	33,005
Police	2001	Ford	Crown Vic	73,479
Police	1999	Ford	Crown Vic	102,252
Police	2003	Ford	Crown Vic	38,891
Police	2001	Ford	Crown Vic	47,657
Police	2000	Ford	Expedition	108,162
Police	2003	Chevy	Impala	12,725
Police	2004	Ford	Crown Vic	3,805
Police	2003	Ford	Crown Vic	21,475
Police	2001	Ford	Taurus	45,049
Police	1997	Ford	Taurus	109,652
Police	2003	Ford	Crown Vic	51,676
Police	1999	Ford	Crown Vic	90,287
Police	1997	Ford	Taurus	84,373
Police	1997	Ford	Crown Vic	93,980
Police	1990	Ford	Crown Vic	
Police	1999	Ford	Crown Vic	90,905
Public Works	1991	Ford	Backhoe	7,948
Public Works	1990	Ford	2.5 Tn Dump	38,044
Public Works	1996	Ford	2.5 Tn Dump	12,364
Public Works	1991	Ford	2.5 Tn Dump	26,919
Public Works	1980	Ford	Endloader	1,128
Public Works	2001	Ford	F450 Dump	8,208
Public Works	1988	Ford	1 Ton Dump	70,646
Public Works	1999	Sterling	L7501-Vaccon	8,151
Public Works	1995	Ford	¾ Ton PU	57,128
Public Works	1986	Ford	¾ Ton PU	104,433
Public Works	1987	Ford	2.5 Tn Dump	41,045
Public Works	1988	Ford	1 Ton Dump	65,307
Public Works	1995	Ford	1 Ton Dump	38,858
Public Works	1985	Chevy	Sky Van	46,992
Public Works	1997	Ford	¾ Ton PU	45,706
Public Works	1997	Ford	Crown Vic	108,393
Public Works	1997	Cronk	Cat Trailer	
Public Works	1997	Atlas	Bobcat 773	
Public Works	1994	Dixie	Chopper	
Public Works	0	McCann	Roller	
Public Works	1990	Beaver	Trailer	
Public Works	1989	Handmade	Trailer	
Public Works	1988	Sulair	185 Air Comp	
Public Works	1996	Thompson	Pump/Trailer	
Public Works	1994?	Vermeer	Chipper 1200	