

# Equipment Rental



Capital Improvement Program

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**City of Kirkland**  
**Preliminary 2011 to 2016 Capital Improvement Program**  
**Equipment Rental Section**

The Equipment Rental section includes all replacement vehicles costing \$50,000 or greater. All replacement vehicles are 100% funded by accumulated reserves in the Equipment Rental Fund. Included in this section is a summary chart listing the vehicles to be replaced over the six-year period of 2011–2016.

The vehicles planned for replacement costing \$50,000 or more are subject to the same process as the entire fleet with respect to replacement standards. In June of each year, each vehicle whose normal accounting life expires in the coming six budget years is examined to determine whether extending its service life beyond the original replacement date is a financially sound decision. Considerations include engine hours, mileage, maintenance history, structural wear, declining resale value, and future intended use of the proposed replacement vehicle. If a determination is made that a vehicle is to be replaced, “right-sizing” of the vehicle for its intended use will be conducted. A vehicle will normally be replaced in kind, and “right-sizing” often results in a lesser cost. Upgraded vehicles for specific functions may require an approved Service Package in order to cover the difference between the replaced vehicle’s Replacement Reserve account and the cost of the proposed replacement vehicle.

Savings are incurred when the operational life of vehicles can be extended beyond their normal accounting life. This is usually due to low engine hours, mileage, or major repairs that have been performed to the vehicle. The vehicles on the six-year schedule are analyzed using these factors and their replacement reserve reflects anticipated normal usage. If a vehicle that has reached its normal accounting life is evaluated to have ongoing functionality, the useful life of that vehicle may be extended.

There are four vehicles costing in excess of \$50,000 currently scheduled for replacement in 2011. One of the four, U-05 (a utility truck), was extended two years beyond its normal accounting life which was 2009. The other three vehicles, S06-09 (a corrections van), S-04 and S-05 (street sweepers) are on schedule for their normal replacements in 2011. An additional vehicle, M-06 (a roadside tractor with roadside mowing arm), is earmarked to continue its extended operational life 8 years beyond its original accounting life, which was 2005. M-06 is now scheduled for replacement in 2013. This was achieved by the replacement and mounting of a new mower arm every 3 years. The extension of operational use for each of these vehicles has been noted in the Comments section of the attached chart.



**City of Kirkland**  
**Preliminary 2011-2016 Capital Improvement Program**  
**Vehicle Replacements Over \$50,000**

**Fire & Building**

Vehicle	Year / Description	Acct Life	Normal Replacement Date	Planned Replacement Year and Cost						Six Year Total Cost	Comments
				2011	2012	2013	2014	2015	2016		
F609	1995 / Seagrave Pumper	18	6/1/2013			598,193				598,193	On schedule
F213	2006 / Chevrolet Suburban Command	8	6/1/2014				74,192			74,192	On schedule
F314	2006 / Ford Road Rescue Aid Vehicle	8	6/1/2014				210,682			210,682	On schedule
F315	2006 / Ford Road Rescue Aid Vehicle	8	6/1/2014				210,682			210,682	On schedule
F316	2007 / Ford Road Rescue Aid Vehicle	8	6/1/2015					218,000		218,000	On schedule
F506	1997 / Simon-LTI Tillered Aerial Ladder	18	6/1/2015					1,163,314		1,163,314	On schedule
F216	2008 / Chevrolet Suburban Command	8	6/1/2016						84,439	84,439	On schedule
F317	2008 / Ford Road Rescue Aid Vehicle	8	6/1/2016						225,630	225,630	On schedule
<b>Total Fire &amp; Building Vehicles</b>				-	-	<b>598,193</b>	<b>495,556</b>	<b>1,381,314</b>	<b>310,069</b>	<b>2,785,132</b>	

**Parks & Community Services**

Vehicle	Year / Description	Acct Life	Normal Replacement Date	Planned Replacement Year and Cost						Six Year Total Cost	Comments
				2011	2012	2013	2014	2015	2016		
M-3B	2007 / Jacobsen 16' Wide Area Mower	5	6/1/2012		88,442					88,442	On schedule
F-16	2004 / Ford F450 2/3 Yard Dump Body	8	6/1/2012		54,086					54,086	On schedule
M-9A	2007 / Toro Groundsmaster 4500D	6	6/1/2013			60,165				60,165	On schedule
M-10	2008 / Jacobsen 16' Wide Area Mower	5	6/1/2013			60,013				60,013	On schedule
<b>Total Parks &amp; Community Services Vehicles</b>				-	<b>142,528</b>	<b>120,178</b>	-	-	-	<b>262,706</b>	

**Police**

Vehicle	Year / Description	Acct Life	Normal Replacement Date	Planned Replacement Year and Cost						Six Year Total Cost	Comments
				2011	2012	2013	2014	2015	2016		
S06-09	2006 / Dodge Sprinter Corrections Van	5	6/1/2011	79,533						79,533	On schedule
<b>Total Police Vehicles</b>				<b>79,533</b>	-	-	-	-	-	<b>79,533</b>	

**Public Works**

Vehicle	Year / Description	Acct Life	Normal Replacement Date	Planned Replacement Year and Cost						Six Year Total Cost	Comments
				2011	2012	2013	2014	2015	2016		
U-05	2000 / Ford F450 Utility Truck	9	6/1/2009	54,670						54,670	Extended to 2011. Good condition.
S-04	2004 / Ford Tymco Sweeper	7	6/1/2011	176,079						176,079	On schedule
S-05	2004 / Ford Tymco Sweeper	7	6/1/2011	176,079						176,079	On schedule
PU-35	2002 / Ford F450 Utility	10	6/1/2012		56,471					56,471	On schedule
D-08	2001 / International Dumptruck (10 Yard)	12	6/1/2013			171,878				171,878	On schedule
M-06	1998 / Ford Brushcutter	7	6/1/2005			138,588				138,588	Extended to 2013. Replaced mower arm.
TR-07A	2003 / Case Backhoe 580SM (4x4)	10	6/1/2013			112,132				112,132	On schedule
U-07	2003 / F450 XL Utility w/Crane	10	6/1/2013			86,636				86,636	On schedule
F-17	2004 / UD Cabover Dump Body	10	6/1/2014				90,935			90,935	On schedule
U-06	2003 / F450 Walk-In Utility	10	6/1/2013				69,387			69,387	Extended to 2014, due to type of use.
F-19	2008 / Ford Flat Bed F350 w/crane	8	6/1/2016						68,282	68,282	On schedule
U-08	2006 / International Bucket Truck	10	6/1/2016						227,229	227,229	On schedule
V-03	2006 / International Aquatech Eductor	10	6/1/2016						385,882	385,882	On schedule
V-04	2006 / International Aquatech Eductor	10	6/1/2016						385,882	385,882	On schedule
<b>Total Public Works Vehicles</b>				<b>406,828</b>	<b>56,471</b>	<b>509,234</b>	<b>160,322</b>	-	<b>1,067,275</b>	<b>2,200,130</b>	

<b>Total All Vehicles</b>				<b>486,361</b>	<b>198,999</b>	<b>1,227,605</b>	<b>655,878</b>	<b>1,381,314</b>	<b>1,377,344</b>	<b>5,327,501</b>	
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