

Equipment Rental



Capital Improvement Program

City of Kirkland 2015 to 2020 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 2015–2020.

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 CIP 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 ten vehicles costing in excess of \$50,000 currently scheduled for replacement in 2015. One of the ten was extended one year beyond their normal accounting life, F-17 (a cab-over dump truck) due to good condition. Three of the ten were extended two years beyond their normal accounting lives, due to good condition - TR-10 (a tractor), D-08 (10 yard dump truck), or refurbishment - F609 (a pumper truck). Two vehicles of the ten were extended three years due to good condition, F-14 (a flatbed truck) and F-16 (a 2/3 yard dump truck). Finally, U-05 (a dump truck) was extended 6 years due to good condition. The other three vehicles, which include a Tillered Aerial Ladder truck, a Rescue Aid Vehicle, and a CCTV Truck are on schedule for the normal replacements in 2015.

There are nine vehicles costing in excess of \$50,000 currently scheduled for replacement in 2016. One of the nine was extended two years beyond its normal accounting life, F213 (a Fire Command vehicle), due to good condition. One vehicle was extended three years beyond its normal accounting life – TR-09 (a tractor) due to good condition. The other seven vehicles are on schedule for their normal replacements in 2016.

The extension of operational use for each of these vehicles has been noted in the comments section of the attached chart.



**City of Kirkland
2015-2020 Capital Improvement Program
Vehicle Replacements Over \$50,000**

Fire & Building

Vehicle	Year / Description	Acct Life	Normal Replacement Date	2015	2016	2017	2018	2019	2020	Six Year Total Cost	Comments
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
F609	1995 / Seagrave Pumper	18	6/1/2013	622,143						622,143	Extended 2 Years, Refurbished
F213	2006 / Chevrolet Suburban Command	8	6/1/2014		74,192					74,192	Extended 2 Years, Good Condition
F317	2008 / Ford Road Rescue Aid Vehicle	8	6/1/2016		225,630					225,630	On schedule
F216	2008 / Chevrolet Suburban Command	8	6/1/2016			84,439				84,439	Extended 1 Year, Good Condition
F218	2009 / Ford F250 Ext. Cab. Custom	8	6/1/2017			57,716				57,716	On schedule
F313	2002 / Ford Road Rescue Aid Vehicle	8	6/1/2010			236,991				236,991	Extended 7 Years, Annexation
F610	1999 / H&W Spartan Pumper	18	6/1/2017			690,757				690,757	On schedule
F219	2010 / Chevrolet Suburban Command	8	6/1/2018				90,453			90,453	On schedule
F318	2010 / Ford Road Rescue Aid Vehicle	8	6/1/2018				241,700			241,700	On schedule
F319	2012 / Ford Road Rescue Aid Vehicle	8	6/1/2020						259,000	259,000	On schedule
Total Fire & Building Vehicles				2,003,457	299,822	1,069,903	332,153	-	259,000	3,964,335	

Parks & Community Services

Vehicle	Year / Description	Acct Life	Normal Replacement Date	2015	2016	2017	2018	2019	2020	Six Year Total Cost	Comments
F-14	2004 / Ford F450 Flatbed	8	6/1/2012	59,749						59,749	Extended 3 Years, Good Condition
F-16	2004 / Ford F450 2/3 Yard Dump Body	8	6/1/2012	59,749						59,749	Extended 3 Years, Good Condition
TR-10	2003 / Ford Ballfield Tractor 5420	10	6/1/2013	56,599						56,599	Extended 2 Years, Good Condition
F-20	2008 / Ford F450 Cr. 2/3 Yd. Dump Body	8	6/1/2016		61,705					61,705	On schedule
TR-09	2003 / Ford Ballfield Tractor 4710	10	6/1/2013		56,599					56,599	Extended 3 Years, Good Condition
T-04	2007 / Aerotech Passenger Bus	10	6/1/2017							107,996	On schedule
M-20	2014 / Toro 4010-D Groundsmaster WAM	5	6/1/2019			107,996				107,996	On schedule
M-21	2014 / Toro 5910 Groundsmaster WAM	5	6/1/2019					116,696		116,696	On schedule
M-23	2014 / Toro 360 4WD Groundsmaster	5	6/1/2019					88,560		88,560	On schedule
M-23	2014 / Toro 360 4WD Groundsmaster	5	6/1/2019					76,930		76,930	On schedule
F-23	2012 / Ford F550XL 2/3 Yd. Dump Body	8	6/1/2020						67,923	67,923	On schedule
M-22	2014 / Toro 4500-D Groundsmaster	6	6/1/2020						76,930	76,930	On schedule
Total Parks & Community Services Vehicles				176,097	118,304	107,996	-	282,186	144,853	829,436	

Police

Vehicle	Year / Description	Acct Life	Normal Replacement Date	2015	2016	2017	2018	2019	2020	Five Year Total Cost	Comments
P110	2011 / Ford F350 Corrections Van	5	6/1/2016		111,079					111,079	On schedule, may extend due to PSB
P06-99	2006 / Chevrolet 5C5 Special Response	10	6/1/2016				259,233			259,233	Extended 2 Years, Low Mileage
Total Police Vehicles				-	111,079	-	259,233	-	-	370,312	

Public Works

Vehicle	Year / Description	Acct Life	Normal Replacement Date	2015	2016	2017	2018	2019	2020	Five Year Total Cost	Comments
D-08	2001 / International Dumptruck (10 Yard)	12	6/1/2013	171,878						171,878	Extended 2 Years, Good Condition
F-17	2004 / UD Cabover Dump Body	10	6/1/2014	90,935						90,935	Extended 1 Year, Good Condition
K-01	2006 / Ford F450 CCTV Truck	9	6/1/2015	236,902						236,902	On schedule
U-05	2000 / Ford F450 Utility Truck	9	6/1/2009	58,563						58,563	Extended 6 Years, Good Condition
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
M-14	2010 / John Deere Tiger Roadside Mower	7	6/1/2017			116,971				116,971	On schedule
L-02	2007 / Case 621D Loader	10	6/1/2017			138,954				138,954	On schedule
S-06	2011 / Ford Tymco Sweeper	7	6/1/2018				236,769			236,769	On schedule
S-07	2011 / Ford Tymco Sweeper	7	6/1/2018				236,769			236,769	On schedule
S-08	2011 / Ford Tymco Sweeper	7	6/1/2018				236,769			236,769	On schedule
TR-11	2008 / Case Backhoe 580SM (4x4)	10	6/1/2018				130,365			130,365	On schedule
D-01	2006 / International Dumptruck 5 Yd.	12	6/21/2019					169,389		169,389	On schedule
D-02	2006 / International Dumptruck 5 Yd.	12	6/21/2019					169,389		169,389	On schedule
D-03	2006 / International Dumptruck 5 Yd.	12	6/21/2019					169,389		169,389	On schedule
TR-12	2009 / Case Backhoe SuperM (4x2)	10	6/1/2019					119,400		119,400	On schedule
D-09	2008 / Peterbilt Dump Truck 10 Yard	12	6/1/2020						250,433	250,433	On schedule
M-14	2010 / J. Deere/Tyger Roadside Mower	10	6/1/2020						136,588	136,588	On schedule
Total Public Works Vehicles				558,278	1,067,275	255,925	840,672	627,567	387,021	3,736,738	

Total All Vehicles				2,737,832	1,596,480	1,433,824	1,432,058	909,753	790,874	8,900,821	
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