



**CITY OF KIRKLAND**  
**Department of Finance & Administration**  
**123 Fifth Avenue, Kirkland, WA 98033 425.587.3100**  
**www.kirklandwa.gov**

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**MEMORANDUM**

**To:** Kurt Triplett, City Manager

**From:** Tracey Dunlap, Director of Finance and Administration  
Sri Krishnan, Financial Planning Manager  
Neil Kruse, Senior Financial Analyst

**Date:** November 29, 2012

**Subject:** Adoption of the 2013 to 2018 Capital Improvement Program

**RECOMMENDATION:**

City Council approves the attached resolution adopting the 2013-2018 Capital Improvement Program (CIP).

**BACKGROUND:**

The Council was presented with the Preliminary 2013-2018 CIP at the June 5, 2012 study session. Proposed amendments were discussed and policy direction was given at the public hearing on September 18, 2012. On November 20, 2012, Council was presented an update of the changes to the Preliminary 2013-2018 CIP reflecting Council directions and staff recommendations to that point. At that meeting, Council directed staff to finalize the 2013-2018 CIP and bring it forward for Council adoption on December 11, 2012.

There are four subsequent revisions to the 2013-2018 CIP as presented at the last Council meeting:

- A change in the name of an unfunded project (NM 0080) from "NE 145th Street Pedestrian Bridge" to, "Juanita-Kingsgate Pedestrian Bridge at I-405" to create flexibility for a bridge at either NE 145<sup>th</sup> or NE 140<sup>th</sup> Street to provide maximum pedestrian and bike connectivity.
- Changes to reflect the final property tax valuations from the King County Assessor's Office:
  - A reduction of \$25,452 in funding for the Street Maintenance and Pedestrian Safety project (CST 0006 003) in the next biennium (2013-14).
  - A reduction of \$25,000 and \$125,000 in 2013 and 2014 respectively for the Neighborhood Park Land Acquisition project (CPK 0133 300). Should a park property acquisition opportunity arise that requires more funding, REET reserves could be used to replace this revenue.
- Estimated cost for an unfunded project, Kirkland ITS Implementation Phase II (TR 0111 00) is reduced from \$4,100,000 to \$1,189,000 as a result of an updated scope in relation to other ITS project phases.

At the November 20<sup>th</sup> presentation, staff mentioned that the NE 112<sup>th</sup> Street Sidewalk (NM 0053) project had just received notice of a grant award. Staff is still finalizing this project, along with another potential grant funded project and will present recommendations for these projects in 2013.

The overall funded CIP total is \$158,311,100 for the six-year period. A summary of the proposed CIP is included as Attachment A. The attached resolution adopts the Final 2013-2018 CIP. The table below summarizes the CIP by project category.

### 2013-2018 Capital Improvement Program

#### Summary of Total Identified Needs

	6-year Funded CIP	Unfunded CIP	Total CIP
Transportation	53,847,100	263,944,900	317,792,000
Parks	12,095,000	95,964,300	108,059,300
Public Safety	2,322,900	119,100	2,442,000
General Government			
Technology	5,804,700	1,120,700	6,925,400
Facilities	43,771,000		43,771,000
<b>Subtotal</b>	<b>117,840,700</b>	<b>361,149,000</b>	<b>478,989,700</b>
Surface Water Mgmt	13,502,400	16,080,100	29,582,500
Water/Sewer	26,968,000	71,327,000	98,295,000
<b>Utilities Subtotal</b>	<b>40,470,400</b>	<b>87,407,100</b>	<b>127,877,500</b>
<b>Grand Total</b>	<b>158,311,100</b>	<b>448,556,100</b>	<b>606,867,200</b>

RESOLUTION R-4941

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF KIRKLAND ADOPTING THE 2013-2018 SIX-YEAR CAPITAL IMPROVEMENT PROGRAM FOR THE CITY OF KIRKLAND.

WHEREAS, the City Manager together with the department heads for the City of Kirkland have prepared and recommended to the City Council a Six-Year Capital Improvement Program for the years 2013-2018; and

WHEREAS, the City Council adopted a two-year review cycle for the Six-Year Capital Improvement Program to be reflected in the 2013-2014 Budget;

NOW, THEREFORE, be it resolved by the City Council of the City of Kirkland as follows:

Section 1. The Kirkland City Council adopts and approves the 2013-2018 Six-Year Capital Improvement Program including capital improvement projects as attached and incorporated by this reference.

Section 2. Actual appropriation of funds to carry out each scheduled year's capital improvements shall be made as a part of the biennial City Budget for such years.

Section 3. The adopted Six-Year Capital Improvement Program shall be reviewed and updated biennially to provide an ongoing Six-Year Capital Improvement Program.

Passed by majority vote of the Kirkland City Council in open meeting this \_\_\_\_ day of \_\_\_\_\_, 2012.

Signed in authentication thereof this \_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
Mayor

ATTEST:

\_\_\_\_\_  
City Clerk

**City of Kirkland  
2013-2018 Capital Improvement Program**

**TRANSPORTATION PROJECTS**

**Funded Projects:**

Project Number	Project Title	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 Total	Funding Sources			
										Current Revenue	Reserve	Debt	External Source
ST0006*	Annual Street Preservation Program		1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	10,500,000	10,500,000			
ST 0006 002*	Annual Street Preservation Program-One-time Project			1,122,000					1,122,000	-			1,122,000
<b>ST00006 003</b>	<b>Street Maintenance &amp; Pedestrian Safety</b>		<b>2,345,000</b>	<b>2,574,000</b>	<b>2,600,000</b>	<b>2,600,000</b>	<b>2,600,000</b>	<b>2,600,000</b>	<b>15,319,000</b>	<b>15,319,000</b>			
ST 0057 001*	NE 120th Street Roadway Extension (East Section)	3,762,000	3,595,000						3,595,000	715,500	77,500		2,802,000
ST 0080*	Annual Striping Program		300,000	350,000	350,000	350,000	350,000	350,000	2,050,000	2,050,000			
<b>ST 0082</b>	<b>Juanita Drive Corridor Study</b>		<b>200,000</b>	<b>80,000</b>					<b>280,000</b>	280,000			
<b>ST 0083</b>	<b>100th Ave NE Corridor Study</b>		<b>50,000</b>						<b>50,000</b>		<b>50,000</b>		
ST 8888*	Annual Concurrency Street Improvements				482,400	480,000	215,000	852,500	2,029,900	1,823,400	206,500		
ST 9999*	Regional Inter-Agency Coordination		82,000	82,000	82,000	82,000	82,000	82,000	492,000	492,000			
NM 0012	Crosswalk Upgrade Program		70,000		70,000		70,000		210,000	210,000			
NM 0024 000+	Cross Kirkland Corridor Trail (Interim)	203,000	2,158,000	1,239,000					3,397,000	29,000	327,000		3,041,000
<b>NM 0024 101+</b>	<b>Cross Kirkland Corridor Master Plan</b>		<b>500,000</b>						<b>500,000</b>	<b>500,000</b>			
NM 0057	Annual Sidewalk Maintenance Program		200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	900,000	300,000		
NM 0064 001+	Park Lane Pedestrian Corridor Enhancements Phase II		350,000	1,888,900					2,238,900	319,900			1,919,000
<b>NM 0073</b>	<b>JFK Non-Motorized Program</b>		<b>75,000</b>	<b>75,000</b>					150,000	30,000	<b>120,000</b>		
NM 8888*	Annual Non-Motorized Program				208,300	605,000	1,043,000	1,043,500	2,899,800	1,660,000	1,239,800		
TR 0083+	100th Ave NE/NE 132nd Street Intersection Improvements		350,000	350,000	2,501,000				3,201,000	700,000			2,501,000
<b>TR 0111 003</b>	<b>Kirkland ITS Implementation Phase IIC</b>		<b>576,000</b>	<b>2,205,900</b>	<b>129,100</b>				<b>2,911,000</b>	<b>305,400</b>	<b>404,500</b>		<b>2,201,100</b>
TR 0113+	Citywide Safety & Traffic Flow Improvements		302,200						302,200	2,200			300,000
TR 8888*	Annual Concurrency Traffic Improvements				475,000	543,000	381,300		1,399,300	1,169,300	230,000		
<b>Total Funded Transportation Projects</b>		<b>3,965,000</b>	<b>12,903,200</b>	<b>11,916,800</b>	<b>8,847,800</b>	<b>6,610,000</b>	<b>6,691,300</b>	<b>6,878,000</b>	<b>53,847,100</b>	<b>37,003,500</b>	<b>2,957,500</b>	<b>0</b>	<b>13,886,100</b>

**Other Funding Sources Used**

Notes  
 \* = Modification in timing and/or cost (see Project Modification Schedule for greater detail)  
 + = Moved from unfunded status to funded status  
 " = Moved from funded status to unfunded status  
 ^ = Annual Program Project Candidates  
 Shaded year(s) = Previous timing  
**Italicized = New projects**

Project Number	Project Title	Budget	Actual	Balance
ST 0057 001*	NE 120th Street Roadway Extension (East Section)	3,762,000	352,902	3,409,098
<b>Total Prior Year(s) Funding (Budget to Actuals):</b>		<b>3,762,000</b>	<b>352,902</b>	<b>3,409,098</b>

**City of Kirkland  
2013-2018 Capital Improvement Program**

**TRANSPORTATION PROJECTS**

**Unfunded Projects:**

Project Number	Project Title	Total
ST 0055	98th Avenue NE Bridge Replacement	10,196,000
ST 0056	132nd Avenue NE Roadway Improvements	25,170,000
ST 0059^	124th Ave NE Roadway Improvements (North Section)	10,000,000
ST 0060	118th Avenue NE Roadway Extension	6,440,000
ST 0061	119th Avenue NE Roadway Extension	5,640,000
ST 0062	NE 130th Street Roadway Extension	10,000,000
ST 0063^	120th Avenue NE Roadway Improvements	8,988,500
ST 0064	124th Ave NE Roadway Widening Imprv. (So. Sect'n)	30,349,000
ST 0070	120th Ave NE/Totem Lake Plaza Roadway Imprvmnts	3,000,000
ST 0072	NE 120th St Roadway Improvements (West Section)	5,870,000
ST 0073	120th Avenue NE Roadway Extension	16,392,000
ST 0077	NE 132nd St Rdwy Imprv.-Phase I (West Section)	1,348,000
ST 0078	NE 132nd St Rdwy Imprv-Phase II (Mid Section)	316,000
ST 0079	NE 132nd St Rdwy Imprv-Phase III (East Section)	1,119,000
ST 0081	Totem Lake Area Development Opportunity Program	500,000
<b>ST 0083 101</b>	<b>100th Ave NE Roadway Improvements</b>	<b>9,500,000</b>
NM 0001	116th Ave NE (So. Sect.) Non-Motorz'd Facil-Phase II	3,378,000
NM 0007	NE 52nd Street Sidewalk	1,068,600
NM 0026	NE 90th Street Sidewalk (Phase II)	2,584,200
NM 0030	NE 90th Street/I-405 Pedestrian/Bicycle Overpass	3,740,700
NM 0031	Crestwoods Park/BNSFR Ped/Bike Facility	2,505,000
NM 0032^	93rd Avenue Sidewalk	1,047,900
NM 0036^	NE 100th Street Bikelane	1,644,300
NM 0037	130th Avenue NE Sidewalk	833,600
NM 0041	Forbes Valley Pedestrian Facility	1,996,600
NM 0043^	NE 126th St Nonmotorized Facilities	4,277,200
NM 0045	NE 95th Street Sidewalk (Highlands)	571,500
NM 0046^	18th Avenue SW Sidewalk	2,255,000
NM 0047	116th Avenue NE Sidewalk (South Rose Hill)	422,100
NM 0048	NE 60th Street Sidewalk	4,979,800
NM 0049^	112th Ave NE Sidewalk	527,600
NM 0050^	NE 80th Street Sidewalk	859,700
NM 0053^*	NE 112th Street Sidewalk	424,000
NM 0054	13th Avenue Sidewalk	446,700
NM 0055^	122nd Ave NE Sidewalk	866,700
NM 0056	NE 90th Street Sidewalk (Phase I)	1,165,700
NM 0058	111th Avenue Non-Motorized/Emergency Access Connection	2,000,000
NM 0061*	NE 104th Street Sidewalk	1,085,000
NM 0062	19th Avenue Sidewalk	814,200
NM 0063	Kirkland Way Sidewalk	414,500
NM 0071	NE 132nd Street Sidewalk Improvement	363,000
NM 0072	NE 132nd Street Sidewalk at Finn Hill Middle School	693,000
<b>NM 0074</b>	<b>90th Ave NE Sidewalk</b>	<b>353,400</b>
<b>NM 0075</b>	<b>84th Ave NE Sidewalk</b>	<b>4,052,800</b>
<b>NM 0076</b>	<b>NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 1</b>	<b>1,131,000</b>
<b>NM 0077</b>	<b>NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - N</b>	<b>1,185,000</b>
<b>NM 0078</b>	<b>NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - S</b>	<b>747,000</b>
<b>NM 0079</b>	<b>NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 2</b>	<b>648,000</b>
<b>NM 0080</b>	<b>Juanita-Kingsgate Pedestrian Bridge at I-405</b>	<b>4,500,000</b>
<b>Subtotal Unfunded ST and NM Projects</b>		<b>198,410,300</b>

Project Number	Project Title	Total
TR 0056*	NE 85th Street HOV Queue Bypass	841,000
TR 0057	NE 124th Street HOV Queue Bypass	1,722,000
TR 0065*	6th Street/Kirkland Way Traffic Signal	564,000
TR 0067	Kirkland Way/BNSFR Abutment/Intersection Imprv	6,917,000
TR 0068	Lake Washington Boulevard HOV Queue Bypass	6,580,000
TR 0072	NE 116th Street Eastbound HOV Queue Bypass	7,337,000
TR 0073	NE 70th Street Eastbound HOV Queue Bypass	1,702,000
TR 0074	NE 85th Street Westbound HOV Queue Bypass	1,775,000
TR 0075	NE 124th Street Westbound HOV Queue Bypass	1,275,000
TR 0082*	Central Way/Park Place Center Traffic Signal	200,000
TR 0084	100th Ave NE/NE 124th St Intersection Improvements	2,230,000
TR 0086^	NE 70th St/132nd Ave NE Intersection Improvements	4,590,600
TR 0088^	NE 85th St/120th Ave NE Intersection Improvements	5,272,300
TR 0089	NE 85th St/132nd Ave NE Intersection Imp (Phase II)	1,825,700
TR 0090*	Lake Washington Blvd/NE 38th Place Intersection Imp	500,000
TR 0091^	NE 124th St/124th Ave NE Intersection Improvements	3,503,300
TR 0092	NE 116th St/124th Ave NE N-bound Dual Lft Turn Lanes	1,717,000
TR 0093	NE 132nd St/Juanita H.S. Access Rd Intersect'n Imp	916,000
TR 0094	NE 132nd St/108th Avenue NE Intersect'n Imp	618,000
TR 0095	NE 132nd St/Fire Stn Access Dr Intersect'n Imp	366,000
TR 0096*	NE 132nd St/124th Ave NE Intersect'n Imp	5,713,000
TR 0097	NE 132nd St/132nd Ave NE Intersect'n Imp	889,000
TR 0098*	NE 132nd St/ 116th Way NE (I-405) Intersect'n Imp	300,000
TR 0099	120th Ave/Totem Lake Way Intersection Improvements	2,845,500
<b>TR 0100 100</b>	<b>6th Street &amp; Central Way Intersection Imprvmnts Phase 2</b>	<b>1,866,800</b>
TR 0103*	Central Way/4th Street Intersection Improvements	31,000
TR 0104*	6th Street/4th Ave Intersection Improvements	580,000
TR 0105*	Central Way/5th Street Intersection Improvements	564,000
TR 0106*	6th Street/7th Avenue Intersection Improvements	89,400
TR 0107*	Market Street/15th Avenue Intersection Improvements	564,000
TR 0108*	NE 85th Street/124th Ave NE Intersection Improvements	889,000
TR 0109*	Totem Lake Plaza/Totem Lake Blvd Intersection Imprv.	1,500,000
TR 0110*	Totem Lake Plaza/120th Ave NE Intersection Imprv.	1,500,000
TR 0111 001	Kirkland ITS Implementation Phase II	1,189,000
<b>TR 0111 002</b>	<b>Kirkland ITS Implementation Phase IIB</b>	<b>2,644,000</b>
<b>TR 0114</b>	<b>Slater Avenue NE Traffic Calming - Phase I</b>	<b>247,000</b>
<b>Subtotal Unfunded TR Projects</b>		<b>71,863,600</b>

<b>Total Unfunded Transportation (ST, NM, and TR) Projects</b>	<b>270,273,900</b>
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<b>Funding Available from Annual Programs for Candidate Projects</b>	<b>6,329,000</b>
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<b>Net Unfunded Transportation Projects</b>	<b>263,944,900</b>
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+ = Moved from unfunded status to funded status  
" = Moved from funded status to unfunded status  
^ = Annual Program Project Candidates  
Shaded year(s) = Previous timing  
**Bold italics = New projects**  
# = Projects to be funded with development-related revenues

**City of Kirkland  
2013-2018 Capital Improvement Program**

**SURFACE WATER MANAGEMENT UTILITY PROJECTS**

**Funded Projects:**

Project Number	Project Title	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 Total	Funding Source			
										Current Revenue	Reserve	Debt	External Source
SD 0047	Annual Replacement of Aging/Failing Infrastructure		200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000			
SD 0048	Cochran Springs / Lake Washington Blvd Crossing Enh.	180,000		340,000	667,100	450,000			1,457,100	1,457,100			
SD 0051*	Forbes Creek/KC Metro Access Road Culvert Enh.	232,200					688,000	370,700	1,058,700	1,058,700			
SD 0053*	Forbes Creek/Coors Pond Channel Grade Controls	260,200						164,700	164,700	164,700			
SD 0058*	Surface Water Sediment Pond Reclamation Phase II	115,400			497,600	238,000			735,600	735,600			
SD 0059*	Totem Lake Boulevard Flood Control Measures	585,400	302,800	1,048,000					1,350,800	1,014,800			336,000
SD 0067*	NE 129th Place/Juanita Creek Rockery Repair	115,500			223,300				223,300	223,300			
<b>SD 0075~</b>	<b>Totem Lake Twin 42 Inch Culvert Replacement</b>	<b>922,000</b>	<b>4,347,000</b>						<b>4,347,000</b>	<b>1,253,200</b>	<b>3,093,800</b>		
<b>SD 0076#</b>	<b>NE 141st Street/111th Avenue NE Culvert Repair</b>		<b>181,500</b>						181,500		181,500		
<b>SD 0077#</b>	<b>Goat Hill Storm Drainage Repair</b>			<b>153,700</b>					<b>153,700</b>	<b>153,700</b>			
<b>SD 0078#</b>	<b>Billy Creek Ravine Stabilization Phase II</b>			<b>67,400</b>					<b>67,400</b>	<b>14,300</b>	<b>53,100</b>		
<b>SD 0079</b>	<b>Public Safety Building Stormwater Quality Demonstration</b>		<b>160,000</b>						<b>160,000</b>		<b>160,000</b>		
<b>SD 0081</b>	<b>Neighborhood Drainage Assistance Program (NDA)</b>		<b>50,000</b>		<b>50,000</b>		<b>50,000</b>		150,000		<b>150,000</b>		
SD 8888*	Annual Streambank Stabilization Program					350,000	350,000	425,000	1,125,000	1,125,000			
SD 9999*	Annual Surface Water Infrastructure Replacement Program					350,000	350,000	427,600	1,127,600	1,127,600			
<b>Total Funded Surface Water Management Utility Projects</b>		<b>2,410,700</b>	<b>5,241,300</b>	<b>1,809,100</b>	<b>1,638,000</b>	<b>1,588,000</b>	<b>1,638,000</b>	<b>1,588,000</b>	<b>13,502,400</b>	<b>9,528,000</b>	<b>3,638,400</b>	<b>0</b>	<b>336,000</b>

**Unfunded Projects:**

Project Number	Project Title	Total
SD 0045^	Carillon Woods Erosion Control Measures	549,600
SD 0046#	Regional Detention in Forbes and Juanita Creek Basins	2,810,200
SD 0049#	Forbes Creek/108th Avenue NE Fish Passage Improvements	332,900
SD 0050#	NE 95th Street/126th Avenue NE Flood Control Measures	55,900
SD 0052^	Forbes Creek/Slater Avenue Embankment Stabilization	139,700
SD 0054#	Forbes Creek/BNSFRR Fish Passage Improvements	424,200
SD 0055	Forbes Creek / 98th Avenue NE Riparian Plantings	75,500
SD 0056^	Forbes Creek Ponds Fish Passage/Riparian Plantings	213,000
SD 0061^	Everest Park Stream Channel/Riparian Enhancements	1,095,500
SD 0062^	Stream Flood Control Measures at Kirkland Post Office	345,400
SD 0063^	Everest Creek-Slater Avenue at Alexander Street	830,300
SD 0068	128th Ave NE/NE 60th Street To NE 64th St Drainage Imp.	270,300
SD 0070	Juanita Creek Watershed Enhancement Study	50,000
SD 0074	Streambank Stabilization Program – NE 86th Street	640,200
<b>SD 0080</b>	<b>Regional Decant and City Maintenance Facility</b>	<b>10,500,000</b>
<b>Subtotal Unfunded Surface Water Management Utility Projects</b>		<b>18,332,700</b>
<b>Funding Available from Annual Programs for Candidate Projects</b>		<b>2,252,600</b>
<b>Net Unfunded Surface Water Management Utility Projects</b>		<b>16,080,100</b>

**Prior Year(s) Funding (Budget to Actuals):**

Project Number	Project Title	Budget	Actual	Balance
SD 0048	Cochran Springs / Lake Washington Blvd Crossing Enh.	180,000	0	180,000
SD 0051*	Forbes Creek/KC Metro Access Road Culvert Enh.	232,200	88,092	144,108
SD 0053*	Forbes Creek/Coors Pond Channel Grade Controls	260,200	84,147	176,053
SD 0058*	Surface Water Sediment Pond Reclamation Phase II	115,400	29,151	86,249
SD 0059*	Totem Lake Boulevard Flood Control Measures	585,400	379,640	205,760
SD 0067*	NE 129th Place/Juanita Creek Rockery Repair	115,500	0	115,500
<b>SD 0075~</b>	<b>Totem Lake Twin 42 Inch Culvert Replacement</b>	<b>922,000</b>	<b>0</b>	<b>922,000</b>
<b>Total Prior Year(s) Funding (Budget to Actuals):</b>		<b>2,410,700</b>	<b>581,030</b>	<b>1,829,670</b>

Notes

- \* = Modification in timing and/or cost (see Project Modification Schedule for greater detail)
- + = Moved from unfunded status to funded status
- " = Moved from funded status to unfunded status
- ^ = Annual Streambank Stabilization Program Project Candidates
- # = Annual Storm Drain Replacement Program Project Candidates
- Shaded year(s) = Previous timing
- Bold italics = New projects**
- ~Project approved as new project by Council April 17, 2012

**City of Kirkland  
2013-2018 Capital Improvement Program**

**WATER/SEWER UTILITY PROJECTS**

**Funded Projects:**

Project Number	Project Title	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-18 Total	Funding Source				
										Current Revenue	Reserve	Debt	External Source	
WA 0090	Emergency Sewer Pgm Watermain Replacement Pgm		50,000		50,000			50,000	150,000	150,000				
WA 0102*	104th Ave NE Watermain Replacement						974,500		974,500	974,500				
WA 0116	NE 80th Street Watermain Replacement (Phase II)		442,000	2,394,400					2,836,400	869,000		1,967,400		
WA 0121	NE 109th Ave/106th Court NE Watermain Replacement	215,000	156,300						156,300	156,300				
<b>WA 0134+</b>	<b>5th Ave S / 8th St S Watermain Replacement</b>							850,000	<b>850,000</b>	<b>850,000</b>				
<b>WA 0139+</b>	<b>6th Street S Watermain Replacement</b>				<b>671,000</b>				<b>671,000</b>	<b>671,000</b>				
WA 0140*+	NE 85th Street Watermain Replacement		2,413,000						2,413,000	2,413,000				
<b>WA 0145</b>	<b>Kirkland Avenue/6th Street S Watermain Replacement</b>					<b>755,000</b>			<b>755,000</b>	<b>755,000</b>				
<b>WA 0148</b>	<b>Park Lane Waterman Replacement</b>		<b>62,000</b>	<b>235,000</b>					<b>297,000</b>	<b>297,000</b>				
WA 8888*	Annual Watermain Replacement Program						385,000	385,000	770,000	770,000				
WA 9999*	Annual Water Pump Station/System Upgrade Pgm				222,000		385,000	385,000	992,000	992,000				
SS 0056	Emergency Sewer Construction Program		922,000	478,000	969,000	431,000	950,000	450,000	4,200,000		4,200,000			
SS 0064*+	7th Avenue South Sewermain Replacement					593,000	1,053,000		1,646,000	1,646,000				
SS 0067*	NE 80th Street Sewermain Replacement (Phase II)		600,000	1,836,000					2,436,000	365,400		2,070,600		
SS 0073*+	Rose Point Sewer Lift Station Replacement			944,400	1,343,000				2,287,400	2,287,400				
<b>SS 0078</b>	<b>5th Avenue S Sewermain Replacement</b>			<b>188,900</b>	<b>38,000</b>				<b>226,900</b>	<b>226,900</b>				
<b>SS 0079</b>	<b>3rd Avenue S &amp; 2nd Street S Sewermain Replacement</b>				<b>487,000</b>	<b>740,000</b>			<b>1,227,000</b>	<b>1,227,000</b>				
<b>SS 0080</b>	<b>20th Avenue Sewermain Replacement</b>							812,000	<b>812,000</b>	<b>812,000</b>				
<b>SS 0081</b>	<b>7th / 8th Avenue West Alley Sewermain Replacement</b>		<b>354,000</b>						<b>354,000</b>	<b>354,000</b>				
SS 8888*	Annual Sanitary Pipeline Replacement Program				446,500	377,000	213,000	441,000	1,477,500	1,477,500				
SS 9999*	Annual Sanitary Pump Station/System Upgrade Pgm				446,500	377,000	212,500	400,000	1,436,000	1,436,000				
<b>Total Funded Water/Sewer Utility Projects</b>			<b>215,000</b>	<b>4,999,300</b>	<b>6,076,700</b>	<b>4,673,000</b>	<b>3,273,000</b>	<b>4,223,000</b>	<b>3,723,000</b>	<b>26,968,000</b>	<b>18,730,000</b>	<b>4,200,000</b>	<b>4,038,000</b>	<b>0</b>

**City of Kirkland  
2013-2018 Capital Improvement Program**

**WATER/SEWER UTILITY PROJECTS**

**Unfunded Projects:**

Project Number	Project Title	Total
WA 0052	108th Avenue NE Watermain Replacement	1,584,000
WA 0057	116th Avenue NE Watermain Replacement	2,731,000
WA 0067#	North Reservoir Pump Replacement	611,000
WA 0096	NE 83rd Street Watermain Replacement	450,000
WA 0097	NE 80th Street Watermain Replacement (Phase III)	1,386,000
WA 0098	126th Ave NE/NE 83rd & 84th St/128th Ave NE Watermain Replacement	1,197,000
WA 0103^	NE 113th Place/106th Ave NE Watermain Replacement	841,000
WA 0104	111th Ave NE/NE 62nd St-NE 64th St Watermain Replacement	1,493,000
WA 0108	109th Ave NE/NE 58th St Watermain Replacement	504,000
WA 0109	112th Ave NE Watermain Replacement	1,179,000
WA 0111	NE 45th St And 110th/111th Ave NE Watermain Replacement	1,303,000
WA 0113	116th Ave NE/NE 70th-NE 80th St Watermain Replacement	2,222,100
WA 0118^	112th -114th Avenue NE/NE 67th-68th Street Watermain Replacement	3,360,100
WA 0119	109th Ave NE/111th Way NE Watermain Replacement	2,304,000
WA 0120^	111th Avenue Watermain Replacement	182,000
WA 0122	116th Avenue NE/NE 100th Street Watermain Replacement	1,506,000
WA 0123	NE 91st Street Watermain Replacement	453,000
WA 0124^	NE 97th Street Watermain Replacement	685,000
WA 0126#	North Reservoir Outlet Meter Addition	72,300
WA 0127#	650 Booster Pump Station	1,603,000
WA 0128	106th Ave NE-110th Ave NE/NE 116th St-NE 120th St Watermain Replacement	2,305,000
WA 0129	South Reservoir Recoating	981,000
WA 0130^	11th Place Watermain Replacement	339,000
WA 0131#	Supply Station # 1 Improvements	61,500
WA 0132	7th Avenue/Central Avenue Watermain Replacement	907,000
WA 0133	Kirkland Avenue Watermain Replacement	446,000
WA 0135	NE 75th Street Watermain Replacement	711,000
WA 0136^	NE 74th Street Watermain Replacement	193,000
WA 0137^	NE 73rd Street Watermain Replacement	660,000
WA 0138	NE 72nd St/130th Ave NE Watermain Replacement	1,476,000
<b>WA 0146^</b>	<b>6th Street/Kirkland Way Watermain Replacement</b>	<b>693,000</b>
<b>WA 0147^</b>	<b>106th Avenue NE from NE 60th Street to NE 68th Street</b>	<b>661,500</b>
SS 0051	6th Street South Sewermain Replacement	804,000
SS 0052	108th Avenue NE Sewermain Replacement	5,110,000
SS 0062^	NE 108th Street Sewermain Replacement/Rehabilitation	4,405,000
SS 0068	124th Avenue NE Sewermain Replacement	1,315,000
SS 0069	1st Street Sewermain Replacement	3,945,000
SS 0070	5th Street Sewermain Replacement	1,354,000
SS 0071	6th Street Sewermain Replacement	308,000
SS 0072	Kirkland Avenue Sewermain Replacement	1,980,000
SS 0077	West Of Market Sewermain Replacement	21,681,000
<b>Subtotal Unfunded Water/Sewer Utility Projects</b>		<b>76,002,500</b>
<b>Funding Available from Annual Programs for Candidate Projects</b>		<b>4,675,500</b>
<b>Net Unfunded Water/Sewer Utility Projects</b>		<b>71,327,000</b>

**Prior Year(s) Funding (Budget to Actuals):**

Project Number	Project Title	Budget	Actual	Balance
WA 0121	NE 109th Ave/106th Court NE Watermain Replacement	215,000	0	215,000
<b>Total Prior Year(s) Funding (Budget to Actuals):</b>		<b>215,000</b>	<b>0</b>	<b>215,000</b>

Notes

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+ = Moved from unfunded status to funded status

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^ = Annual Watermain or Sanitary Pipeline Replacement Program Project Candidates

# = Annual Pump Station/System Upgrade Program Project Candidates

Shaded year(s) = Previous timing

***Bold italics = New projects***

## City of Kirkland 2013-2018 Capital Improvement Program

### PARK PROJECTS

**Funded Projects:**

Project Number	Project Title	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 Total	Funding Source		
										Current Revenue	Reserve	External Source
PK 0049	Open Space, Pk Land & Trail Acq Grant Match Program		100,000						100,000		100,000	
PK 0066*	Park Play Area Enhancements				50,000	50,000	50,000	50,000	200,000	200,000		
<b><i>PK 0087 100#</i></b>	<b><i>Waverly Beach Park Renovation</i></b>			<b><i>500,000</i></b>					<b><i>500,000</i></b>	<b><i>500,000</i></b>		
<b><i>PK 0095 200</i></b>	<b><i>Heritage Park - Heritage Hall Renovations</i></b>		<b><i>50,000</i></b>						<b><i>50,000</i></b>	<b><i>50,000</i></b>		
<b><i>PK 0113 100</i></b>	<b><i>Spinney Homestead Park Renovation</i></b>		<b><i>443,000</i></b>						443,000	443,000		
<b><i>PK 0114 101</i></b>	<b><i>Mark Twain Park Renovation (Design)</i></b>						75,000		75,000	75,000		
PK 0115*	Terrace Park Renovation		75,000	440,000					515,000	515,000		
<b><i>PK 0116 100</i></b>	<b><i>Lee Johnson Field Lighting Replacements</i></b>			<b><i>150,000</i></b>					<b><i>150,000</i></b>	<b><i>150,000</i></b>		
PK 0119*	Juanita Beach Park Development Phase 2	3,450,000					100,000	1,207,000	1,307,000	807,000		500,000
<b><i>PK 0119 100#</i></b>	<b><i>Juanita Beach Bathhouse Replacement &amp; Shelter</i></b>				<b><i>200,000</i></b>	<b><i>1,000,000</i></b>			<b><i>1,200,000</i></b>	<b><i>1,200,000</i></b>		
PK 0121*	Green Kirkland Forest Restoration Program		75,000	75,000	75,000	75,000	75,000	75,000	450,000	450,000		
PK 0131*^^	Park and Open Space Acquisition Program						508,000		508,000	508,000		
<b><i>PK 0133 100#</i></b>	<b><i>Dock &amp; Shoreline Renovations</i></b>		<b><i>150,000</i></b>	<b><i>150,000</i></b>	<b><i>250,000</i></b>	<b><i>250,000</i></b>			<b><i>800,000</i></b>	<b><i>800,000</i></b>		
<b><i>PK 0133 200#</i></b>	<b><i>City-School Playfield Partnership</i></b>						<b><i>500,000</i></b>	<b><i>500,000</i></b>	<b><i>1,000,000</i></b>	<b><i>1,000,000</i></b>		
<b><i>PK 0133 300#</i></b>	<b><i>Neighborhood Park Land Acquisition</i></b>		<b><i>475,000</i></b>	<b><i>375,000</i></b>			<b><i>750,000</i></b>	<b><i>750,000</i></b>	<b><i>2,350,000</i></b>	<b><i>2,350,000</i></b>		
<b><i>PK 0133 400#</i></b>	<b><i>Edith Moulton Park Renovation</i></b>		<b><i>100,000</i></b>	<b><i>100,000</i></b>	<b><i>800,000</i></b>				<b><i>1,000,000</i></b>	<b><i>1,000,000</i></b>		
<b><i>PK 0134</i></b>	<b><i>132nd Park Playfields Renovation</i></b>		<b><i>75,000</i></b>		<b><i>637,000</i></b>				<b><i>712,000</i></b>	<b><i>712,000</i></b>		
<b><i>PK 0138</i></b>	<b><i>Everest Park Restroom/Storage Building Replacement</i></b>			<b><i>75,000</i></b>		<b><i>660,000</i></b>			735,000	735,000		
<b>Total Funded Park Projects</b>		<b>3,450,000</b>	<b>1,543,000</b>	<b>1,865,000</b>	<b>2,012,000</b>	<b>2,035,000</b>	<b>2,058,000</b>	<b>2,582,000</b>	<b>12,095,000</b>	<b>11,495,000</b>	<b>100,000</b>	<b>500,000</b>

Notes

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Shaded year(s) = Previous timing

***Bold italics = New projects***

*Italics = Repurposed projects*

**# = Park Levy Candidates**

**^^2013-2014 Funding moved to previously authorized expenditures in NM 0070 Cross Kirkland Corridor Acquisition**

**Prior Year(s) Funding (Budget to Actuals):**

Project Number	Project Title	Budget	Actual	Balance
PK 0119*	Juanita Beach Park Development Phase 2	3,450,000	3,447,711	2,289
<b>Total Prior Year(s) Funding (Budget to Actuals):</b>		<b>3,450,000</b>	<b>3,447,711</b>	<b>2,289</b>

## City of Kirkland 2013-2018 Capital Improvement Program

### PARK PROJECTS

#### Unfunded Projects:

Project Number	Project Title	Total
PK 0078 600	A.G. Bell Elementary Playfields Improvements	200,000
PK 0078 800	International Comm. School Playfield Improvements	300,000
PK 0086	Totem Lake Neighborhood Park Acquisition & Development	2,500,000
<b><i>PK 0087 101</i></b>	<b><i>Waverly Beach Parks Renovation (Phase 2)</i></b>	<b><i>1,000,000</i></b>
PK 0095 100	Heritage Park Development - Phase III & IV	2,500,000
PK 0096	Ohde Avenue Park Development	250,000
PK 0097	Reservoir Park Renovation	500,000
PK 0099	N. Juanita (East) Neighborhood Park Acquisition/Development	2,500,000
PK 0100	N. Juanita (West) Neighborhood Park Acquisition/Development	2,500,000
PK 0101	N. Rose Hill Neighborhood Park Acquisition/Development (North)	2,500,000
PK 0102	N. Rose Hill Neighborhood Park Acquisition/Development (Central)	2,500,000
PK 0103	Market Neighborhood Park Acquisition/Development	3,500,000
PK 0108	McAuliffe Park Development	7,000,000
PK 0114*	Mark Twain Park Renovation	750,000
PK 0116	Lee Johnson Field Artificial Turf Installation	1,500,000
PK 0117	Lake Avenue West Street End Park Enhancement	100,000
<b><i>PK 0119 200</i></b>	<b><i>Juanita Beach Park Development (Phase 3)</i></b>	<b><i>10,000,000</i></b>
PK 0122 100	Community Recreation Facility Construction	42,000,000
PK 0124"	Snyder's Corner Park Site Development	1,000,000
PK 0125	Dock Renovations	250,000
PK 0126	Watershed Park Master Planning & Park Development	1,100,000
PK 0127	Kiwanis Park Master Planning & Park Development	1,100,000
PK 0128	Yarrow Bay Wetlands Master Planning & Park Development	1,600,000
PK 0129	Heronfield Wetlands Master Planning & Development	1,600,000
<b><i>PK 0133 500</i></b>	<b><i>Lee Johnson Field Synthetic Turf and Lighting</i></b>	<b><i>1,500,000</i></b>
<b><i>PK 0135</i></b>	<b><i>Juanita Heights Park Master Planning and Development</i></b>	<b><i>1,125,000</i></b>
<b><i>PK 0136</i></b>	<b><i>Kingsgate Park Master Planning and Park Development</i></b>	<b><i>1,150,000</i></b>
<b><i>PK 0137</i></b>	<b><i>Windsor Vista Park Master Planning and Park Development</i></b>	<b><i>1,150,000</i></b>
<b><i>PK 0139</i></b>	<b><i>Highlands Park Renovation</i></b>	<b><i>750,000</i></b>
<b>Total Unfunded Parks Projects</b>		<b>94,425,000</b>

#### Notes

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***Bold italics = New projects***

*Italics = Repurposed projects*

^^2013-2014 Funding moved to NM 0070 Cross Kirkland Corridor (See Transportation CIP)

#### Unfunded Repurposed Projects:

Project Number	Project Title	Total Balance
<i>PK 0056</i>	<i>Forbes Lake Park Development</i>	<i>200,000</i>
<i>PK 0083</i>	<i>South Juanita Park Site Development</i>	<i>212,300</i>
<i>PK 0087</i>	<i>Waverly Beach Park Renovation</i>	<i>505,000</i>
<i>PK 0111</i>	<i>Skate Park</i>	<i>200,000</i>
<i>PK 0113</i>	<i>Spinney Homestead Park Renovation</i>	<i>350,000</i>
<i>PK 0122</i>	<i>Community Recreation Facility Planning</i>	<i>72,000</i>
<b>Total Unfunded Repurposed Projects</b>		<b>1,539,300</b>

#### Total Unfunded Parks Projects:

Unfunded Park Projects	94,425,000
Unfunded Repurposed Projects	1,539,300
<b>Total Unfunded Parks Projects</b>	<b>95,964,300</b>

**City of Kirkland  
2013-2018 Capital Improvement Program**

**PUBLIC SAFETY PROJECTS**

**Funded Projects:**

Project Number	Project Title	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 Total	Funding Source		
										Current Revenue	Reserve	External Source
<b>FIRE</b>												
PS 0067*	Dive Rescue Equipment			55,000					55,000	55,000		
PS 0071*	Self Contained Breathing Apparatus (SCBA)		741,600						741,600	741,600		
<b>PS 0075</b>	<b>Portable Radios</b>						<b>347,000</b>		<b>347,000</b>	<b>347,000</b>		
<b>PS 0076</b>	<b>Personal Protective Equipment</b>			<b>518,200</b>					<b>518,200</b>	<b>518,200</b>		
<b>POLICE</b>												
<b>PS 1000</b>	<b>Police Equipment Replacement</b>		<b>160,500</b>	<b>26,300</b>	<b>87,300</b>	<b>219,800</b>	<b>124,600</b>	<b>42,600</b>	<b>661,100</b>	<b>661,100</b>		
<b>Total Funded Public Safety Projects</b>		<b>0</b>	<b>902,100</b>	<b>599,500</b>	<b>87,300</b>	<b>219,800</b>	<b>471,600</b>	<b>42,600</b>	<b>2,322,900</b>	<b>2,322,900</b>	<b>0</b>	<b>0</b>

**Unfunded Projects:**

Project Number	Project Title	Total
PS 0068	Local Emergency/Public Communication AM Radio	119,100
<b>Total Unfunded Public Safety Projects</b>		<b>119,100</b>

Notes

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**City of Kirkland  
2013-2018 Capital Improvement Program**

**GENERAL GOVERNMENT PROJECTS**

**Funded Projects:**

Project Number	Project Title	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 Total	Funding Source			External Source
										Current Revenue	Reserve	Debt	
<b>TECHNOLOGY</b>													
IT 0100 000*	Network Server Replacements		211,000	125,000	140,400	160,000	160,000	125,000	921,400	860,400	61,000		
IT 0110 000*	Network Infrastructure		50,000	200,000	35,000	35,000	35,000	35,000	390,000	390,000			
IT 0120 000*	Network Storage		628,900				300,000	700,000	1,628,900	1,100,000	528,900		
IT 0130 000*	Network Phone Systems				250,000				250,000	165,700	84,300		
IT 0140 000*	Network Security		130,000	65,000	55,000		75,000	30,000	355,000	206,000	149,000		
IT 0200 000*	Geographic Information Systems		170,000	185,000	250,000	250,000	250,000	250,000	1,355,000	878,000	477,000		
IT 0300 000*	Finance and HR System Modules		47,400	21,100	49,300	5,800			123,600		123,600		
IT 0402 000*+	Financial System Replacement					150,000			150,000		150,000		
<b>IT 0500 000</b>	<b>Copier Replacements</b>				<b>32,000</b>		<b>72,000</b>		<b>104,000</b>	<b>104,000</b>			
IT 0601 000*+	Help Desk System Replacement Phase 2				66,000				66,000		66,000		
IT 0602 000*	Standard Reporting Tool		83,200						83,200		83,200		
IT 0702 000*	Maintenance Management System Upgrade		30,000	147,600					177,600	53,100	124,500		
<b>IT 0901 000*</b>	<b>Disaster Recovery System Improvement</b>		<b>50,000</b>	<b>150,000</b>					<b>200,000</b>	<b>200,000</b>			
<b>FACILITIES</b>													
GG 0008*	Electrical, Energy Management & Lighting Systems		18,900		66,400	10,200		44,100	139,600		139,600		
GG 0009*	Mechanical/HVAC Systems Replacements		29,000	222,800	47,000		198,300	317,600	814,700		814,700		
GG 0010*	Painting, Ceilings, Partition & Window Replacements			68,000	170,400	155,100	194,900	142,400	730,800		730,800		
GG 0011*	Roofing, Gutter, Siding and Deck Replacements		41,800	122,300	34,600	141,800	257,700	598,200	598,200		598,200		
GG 0012*	Flooring Replacements			66,400	105,800	23,300	82,000	96,500	374,000		374,000		
<b>GG 0013 103*</b>	<b>Public Safety Building Phase III</b>	<b>3,298,187</b>	<b>27,418,200</b>						<b>27,418,200</b>	<b>6,580,368</b>	<b>20,837,832</b>		
<b>GG 0035 100+</b>	<b>City Hall Expansion</b>	<b>166,500</b>	<b>433,500</b>	<b>1,450,000</b>	<b>7,950,000</b>				<b>9,833,500</b>	528,924	<b>5,804,576</b>	3,500,000	
<b>GG 0039*</b>	<b>Consolidated Fire Station No 25</b>	<b>1,368,000</b>	<b>3,862,000</b>						<b>3,862,000</b>		3,862,000		
<b>Total Funded General Government Projects</b>		<b>4,832,687</b>	<b>33,203,900</b>	<b>2,823,200</b>	<b>9,217,300</b>	<b>824,000</b>	<b>1,509,000</b>	<b>1,998,300</b>	<b>49,575,700</b>	<b>3,957,200</b>	<b>11,614,092</b>	<b>30,504,408</b>	<b>3,500,000</b>

**Unfunded Projects:**

Project Number	Project Title	Total
IT 0401 000	Utility Billing/Cashiering System Replacement	491,700
IT 0501 000	Police ProAct Unit NCIC Handheld Computers	52,000
IT 0701 000	Fleet Management Systems Replacement	80,000
IT 0802 000	Recreation Registration System Replacement	83,000
IT 0902 000	Customer Relationship Management System	414,000
<b>Total Unfunded General Government Projects</b>		<b>1,120,700</b>

**Prior Year(s) Funding (Budget to Actuals):**

Project Number	Project Title	Budget	Actual	Balance
GG 0013 103*	Public Safety Building Phase III	3,298,187	148,608	3,149,579
GG 0039*	Consolidated Fire Station No 25	1,368,000	<b>27,939</b>	1,340,061
<b>Total Prior Year(s) Funding (Budget to Actuals):</b>		<b>4,666,187</b>	<b>176,547</b>	<b>4,489,640</b>

**Notes**

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