



CITY OF KIRKLAND
Department of Finance & Administration
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MEMORANDUM

To: Kurt Triplett, City Manager

From: Tracey Dunlap, Director of Finance and Administration
Tom Mikesell, Financial Planning Manager
Neil Kruse, Senior Financial Analyst

Date: November 25, 2014

Subject: ADOPTION OF THE 2014 UPDATE TO THE 2013 TO 2018 CAPITAL IMPROVEMENT PROGRAM

RECOMMENDATION:

City Council approves the attached resolution adopting the 2014 Update to the 2013-2018 Capital Improvement Program (CIP).

BACKGROUND:

The Council approved revisions to the 2013-2018 CIP in December 2013. Due to the fact that several master planning efforts are underway as part of the Kirkland 2035 Comprehensive Plan process, the decision was made to conduct another update this year. A full CIP process will take place in 2015 once the results of the various plans are known.

The Council was presented with proposed updates to the adopted 2013-2018 Revised CIP at the [June 17th](#) Council meeting and [November 3rd](#) study session, which are listed beginning on the following page.

There are two subsequent revisions to the 2013-2018 CIP as presented at the last Council study session:

- **Wireless in Parks Phase 2** (CIT 0903 000) – Project to expand free wireless services at Houghton Beach and Everest Parks. The project is funded by external revenue (\$200,000) granted to the City by Google.
- **Green Kirkland Forest Restoration Program** (CPK 0121 000) – Recognize additional funding from a Forterra grant in 2015 to update the 20-year Forest Restoration Plan (\$50,000).

The tables that follow provide a listing of project changes by category.

	6-Year Funded CIP	Unfunded CIP	Total CIP
Adopted 2013-2018 Transportation CIP Update	67,171,800	259,166,900	326,338,700
NM 0024 000 Cross Kirkland Corridor Trail (Interim)	541,400		541,400
NM 0051 000 NE 85th Street Sidewalk	217,500		217,500
NM 0064 001 Park Lane Pedestrian Corridor Enhancements Phase II	1,010,300		1,010,300
NM 0082 000 6th Street S. Sidewalk	171,150		171,150
NM 0084 000 South Kirkland TOD/CKC Multi-Modal Connection	150,000		150,000
TR 0065 000 6th Street/Kirkland Way Traffic Signal	208,550		208,550
TR 0111 000 Kirkland ITS Implementation Phase I	90,000		90,000
TR 0115 000 6th Street/9th Avenue S. Traffic Signal	74,300		74,300
NM 0085 000 South Kirkland TOD/CKC Multi-Modal Connection Phase II		(1,200,000)	(1,200,000)
NM 0086 000 Cross Kirkland Corridor Non-motorized Improvements		90,000,000	90,000,000
NM 0088 000 NE 124th Street Sidewalk		326,700	326,700
NM 0087 000 Citywide School Walkroute Enhancements		16,300,000	16,300,000
NM 0089 000 Lakefront Pedestrian & Bicycle Improvements		1,000,000	1,000,000
NM 0090 000 Juanita Drive "Quick Wins"		1,350,000	1,350,000
NM 0091 000 Totem Lake Non-motorized Bridge		1,067,000	1,067,000
ST 0083 101 100th Avenue Road Improvement		4,000,000	4,000,000
Subtotal Changes to Adopted 2013-2018 Transportation CIP Update	2,463,200	112,843,700	115,306,900
2014 Update to 2013-2018 Transportation CIP	69,635,000	372,010,600	441,645,600

	6-Year Funded CIP	Unfunded CIP	Total CIP
Adopted 2013-2018 Surface Water CIP Update	14,713,300	5,844,200	20,557,500
SD 0078 Billy Creek Ravine Stabilization Phase II	20,200		20,200
SD 0085 001 Cross Kirkland Water Quality		920,000	920,000
Subtotal Changes to Adopted 2013-2018 Surface Water CIP Update	20,200	920,000	940,200
2014 Update to 2013-2018 Surface Water CIP	14,733,500	6,764,200	21,497,700

	6-Year Funded CIP	Unfunded CIP	Total CIP
Adopted 2013-2018 Water/Sewer CIP	28,626,600	71,491,000	100,117,600
SS 0064 7th Avenue S. Sewermain Replacement	(32,700)		(32,700)
SS 0056 Emergency Sewer Construction Program	(4,070,000)		(4,070,000)
WA 0152 4th Street Watermain Replacement	440,000		440,000
Subtotal Changes to Adopted 2013-2018 Water/Sewer CIP	(3,662,700)	-	(3,662,700)
Revised 2013-2018 Water/Sewer CIP	24,963,900	71,491,000	96,454,900

	6-Year Funded CIP	Unfunded CIP	Total CIP
Adopted 2013-2018 Parks CIP	12,504,000	98,964,300	111,468,300
PK 0133 300 Neighborhood Park Land Acquisition	(850,000)		(850,000)
PK 0131 008 Park Acq-Yuppie Pawn Shop Property	2,340,000		2,340,000
PK 0056 000 Forbes Lake Park Development		(200,000)	(200,000)
PK 0083 000 South Juanita Park Site Development		(212,300)	(212,300)
PK 0087 000 Waverly Beach Park Renovation		(505,000)	(505,000)
PK 0111 000 Skate Park		(200,000)	(200,000)
PK 0113 000 Spinney Homestead Park Renovation		(350,000)	(350,000)
PK 0121 000 Green Kirkland Forest Restoration Program	50,000		50,000
PK 0122 000 Community Recreation Facility Planning		(72,000)	(72,000)
Subtotal Changes to Adopted 2013-2018 Parks CIP	1,540,000	(1,539,300)	700
Revised 2013-2018 Parks CIP	14,044,000	97,425,000	111,469,000

		6-Year Funded CIP	Unfunded CIP	Total CIP
Adopted 2013-2018 Public Safety, IT & General Gov't CIP		57,244,800	1,323,000	58,567,800
PS 0077	Hose Replacement	(23,100)		(23,100)
PS 1000	Police Equipment Replacement	(4,300)		(4,300)
PS 2000	Fire Equipment Replacement	97,700		97,700
IT 0500	Copier Replacements	56,400		56,400
IT 0702	Maintenance Management System Upgrade	45,000		45,000
IT 0602	Standard Reporting Tool	-	296,500	296,500
IT 0903	Wireless in Parks Phase 2	200,000		200,000
IT 0802	Recreation Registration System Replacement	83,000	(83,000)	-
GG 0009	Facilities Life Cycle Projects	12,000		12,000
GG 0010	Facilities Life Cycle Projects	4,400		4,400
Subtotal Changes to Adopted 2013-2018 Public Safety, IT & General Gov't CIP		471,100	213,500	684,600
Revised 2013-2018 Public Safety, IT & General Gov't CIP		57,715,900	1,536,500	59,252,400

The revised funded CIP total is \$181,092,300 for the six-year period. A summary of the proposed CIP is included as Attachment A. The attached resolution adopts the 2014 Update to the 2013-2018 CIP. The table below summarizes the total CIP by project category.

2014 Update to 2013-2018 Capital Improvement Program

	6-year Funded CIP	Unfunded CIP	Total CIP
Transportation	69,635,000	372,010,600	441,645,600
Parks	14,044,000	97,425,000	111,469,000
Public Safety	2,896,200	119,100	3,015,300
General Government			
Technology	6,436,300	1,417,400	7,853,700
Facilities	48,383,400	0	48,383,400
Subtotal	141,394,900	470,972,100	612,367,000
Surface Water Mgmt	14,733,500	6,764,200	21,497,700
Water/Sewer	24,963,900	71,491,000	96,454,900
Utilities Subtotal	39,697,400	78,255,200	117,952,600
Grand Total Revised CIP	181,092,300	549,227,300	730,319,600
Adopted 2013-18 CIP	180,260,500	436,789,400	617,049,900
Difference	831,800	112,437,900	113,269,700

**City of Kirkland
2014 Update to 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/Pending Source	
Prior Year Active Projects:														
NM 0034 001	Peter Kirk Elementary Sidewalk Phase II	438,000												
NM 0059	6th Street Sidewalk	265,000												
NM 0065	Central Way Pedestrian Enhancements	441,000												
NM 0068	Lakeview School Walk Route Enhancements	374,300												
NM 0069	100th Ave NE Bike Lanes	274,000												
TR 0070	NE 124th & 124th Ave Intersection Improvements	1,857,873												
TR 0102	GTEC	743,000												
Subtotal Prior Year Active Projects with no new funding planned		4,393,173												
Current 2013-2018 CIP:														
ST 0006	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		42,500	158,000	1,268,500				1,469,000					1,469,000
ST 0006 003	Street Levy Street Preservation		1,959,000	2,574,000	2,300,000	2,300,000	2,300,000	2,300,000	13,733,000	13,733,000				
ST 0055	98th Avenue Bridge		390,000	1,025,000					1,415,000		15,000		1,400,000	
ST 0057 001	NE 120th Street Roadway Extension (East Section)	2,867,000	556,300	3,085,800					3,642,100	839,300	800		2,802,000	
ST 0075	NE 85th Street Utility Conversion	1,916,800	774,700						774,700	9,200	765,500			
ST 0080	Annual Striping Program		300,000	350,000	350,000	350,000	350,000	350,000	2,050,000	2,050,000				
ST 0082	Juanita Drive Corridor Study		200,000	80,000					280,000	280,000				
ST 0083	100th Ave NE Corridor Study		70,000						70,000	20,000	50,000			
ST 8888	Annual Concurrence 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	492,000				
NM 0006 100	Street Levy-Safe School Walk Routes				150,000	150,000	150,000	150,000	600,000	600,000				
NM 0006 200	Street Levy-Pedestrian Safety		590,000		150,000	150,000	150,000	150,000	1,190,000	1,190,000				
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	1,780,400					3,938,400	276,800	79,200		3,582,400	
NM 0024 101	Cross Kirkland Corridor Master Plan		350,000	150,000					500,000	252,200	247,800			
NM 0051	Rose Hill Business District Sidewalks	3,715,500	1,156,800	3,202,700					4,359,500				4,359,500	
NM 0053	NE 112th Street Sidewalk		291,700						291,700	35,600	169,800		86,300	
NM 0057	Annual Sidewalk Maintenance Program		209,000	200,000	200,000	200,000	200,000	200,000	1,209,000	909,000	300,000			
NM 0064 001*	Park Lane Pedestrian Corridor Enhancements Phase II		350,000	2,899,200					3,249,200	1,442,900	210,300		1,596,000	
NM 0073	JFK Non-Motorized Program		75,000	75,000					150,000	30,000	120,000			
NM 0082*	6th Street S. Sidewalk			583,150					583,150				583,150	
NM 0084	South Kirkland TOD/CKC Multi-Modal Connection			246,000	1,204,000				1,450,000				1,450,000	
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 0004 002	Peter Kirk Restroom Renovation	12,600	127,400						127,400		5,300		122,100	
TR 0065*	6th Street/Kirkland Way Traffic Signal			1,200,550					1,200,550					
TR 0078	NE 85th St/132nd Ave NE Intersection Improvements	1,182,500	42,000	925,400					967,400				967,400	
TR 0080	NE 85th St/124th Ave NE Intersection Improvements	767,600	31,300	1,223,400					1,254,700				1,254,700	
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	
TR 0111 000**	Kirkland ITS Implementation Phase I	2,081,000		90,000					90,000		90,000			
TR 0111 003	Kirkland ITS Implementation Phase IIC		453,000	2,498,000					2,951,000	240,000	509,900		2,201,100	
TR 0113	Citywide Safety & Traffic Flow Improvements		150,600	193,300					343,900		49,500		294,400	
TR 0115	9th Street/6th Street Traffic Signal			1,013,300					1,013,300				1,013,300	
TR 8888	Annual Concurrence Traffic Improvements				475,000	543,000	381,300		1,399,300	1,169,300	230,000			
Total Funded Transportation Projects		17,139,173	12,529,300	25,735,200	11,191,200	6,610,000	6,691,300	6,878,000	69,635,000	38,462,700	4,289,400	0	25,682,350	

Notes
 * = Modification in timing and/or cost
 ^ = Annual Program Project Candidates
 ** = Moved from "Prior Year Active Projects" to "Current 2013-2018 CIP"
 " = Moved from funded status to unfunded status
 # = Projects to be funded with development-related revenues
 Shaded year(s) = Previous timing
Italicized = New projects

City of Kirkland
2014 Update to 2013-2018 Capital Improvement Program

TRANSPORTATION PROJECTS**Unfunded Projects:**

Project Number	Project Title	Total
ST 0056	132nd Avenue NE Roadway Improvements	23,170,000
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 Imprmnts	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
ST 0083 101*	100th Ave NE Roadway Improvements	13,500,000
ST 0084	Finn Hill Emergency Vehicle Access Improvement Study	150,000
ST 0086	Finn Hill Emergency Vehicle Access Connection	900,000
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 0024 201	Cross Kirkland Corridor Opportunity Fund	500,000
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 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
NM 0074	90th Ave NE Sidewalk	353,400
NM 0075	84th Ave NE Sidewalk	4,052,800
NM 0076	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 1	1,131,000
NM 0077	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - N	1,185,000
NM 0078	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - S	747,000
NM 0079	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 2	648,000
NM 0080	Juanita-Kingsgate Pedestrian Bridge at I-405	4,500,000
NM 0081	CKC to Redmond Central Connector	3,656,000
NM 0086	Cross Kirkland Corridor Non-motorized Improvements	90,000,000
NM 0087	Citywide School Walkroute Enhancements	16,300,000
NM 0088	NE 124th Street Sidewalk	326,700
NM 0089	Lakefront Pedestrian & Bicycle Improvements	1,000,000
NM 0090	Juanita Drive "Quick Wins"	1,350,000
NM 0091	Totem Lake Non-motorized Bridge	1,067,000
Subtotal Unfunded ST and NM Projects		307,040,000

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 0067	Kirkland Way/CKC Bridge 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
TR 0100 100	6th Street & Central Way Intersection Imprmnts Phase 2	1,866,800
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
TR 0111 002	Kirkland ITS Implementation Phase IIB	2,644,000
TR 0114	Slater Avenue NE Traffic Calming - Phase I	247,000
Subtotal Unfunded TR Projects		71,299,600
Total Unfunded Transportation (ST, NM, and TR) Projects		378,339,600
Funding Available from Annual Programs for Candidate Projects		6,329,000
Net Unfunded Transportation Projects		372,010,600

Notes

* = Modification in timing and/or cost

^ = Annual Program Project Candidates

** = Moved from "Prior Year Active Projects" to "Current 2013-2018 CIP"

" = Moved from funded status to unfunded status

= Projects to be funded with development-related revenues

Shaded year(s) = Previous timing

Bold italics = New projects

City of Kirkland
2014 Update to 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	
Prior Year Active Projects:														
SD 0025	NE 85th Street Detention	621,800												
Subtotal Prior Year Active Projects with no new funding planned		621,800												
Current 2013-18 CIP:														
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				
SD 0075	Totem Lake Twin 42 Inch Culvert Replacement	922,000	3,494,000						3,494,000	1,253,200	2,240,800			
SD 0076#	NE 141st Street/111th Avenue NE Culvert Repair		181,500						181,500		181,500			
SD 0077#	Goat Hill Storm Drainage Repair			153,700					153,700	153,700				
SD 0078#	Billy Creek Ravine Stabilization Phase II			87,600					87,600	34,500	53,100			
SD 0079	Public Safety Building Stormwater Quality Demonstration		160,000						160,000		160,000			
SD 0081	Neighborhood Drainage Assistance Program (NDA)		50,000		50,000		50,000		150,000		150,000			
SD 0082	Kirkland Decant Facility Expansion		75,000	1,193,000					1,268,000		317,100		950,900	
SD 0083	7th Avenue S Storm Main Replacement			240,000					240,000		240,000			
SD 0085	Cross Kirkland Corridor (CKC) Storm Water Retrofit			120,000					120,000		-		120,000	
SD 8888	Annual Streambank Stabilization Program		217,900			350,000	350,000	425,000	1,342,900	1,125,000	217,900			
SD 9999	Annual Surface Water Infrastructure Replacement Program		218,000			350,000	350,000	427,600	1,345,600	1,127,600	218,000			
Total Funded Surface Water Management Utility Projects		3,032,500	4,899,200	3,382,300	1,638,000	1,588,000	1,638,000	1,588,000	14,733,500	9,548,200	3,778,400	0	1,406,900	

SURFACE WATER MANAGEMENT UTILITY PROJECTS

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
SD 0084	Market Street Storm Main Rehabilitation	700,000
SD 0085 001	Cross Kirkland Water Quality	920,000
Subtotal Unfunded Surface Water Management Utility Projects		9,452,700
Funding Available from Annual Programs for Candidate Projects		2,688,500
Net Unfunded Surface Water Management Utility Projects		6,764,200

Notes

- * = Modification in timing and/or cost
- ^ = Annual Program Project Candidates
- # = Annual Storm Drain Replacement Program Project Candidates
- " = Moved from funded status to unfunded status
- Shaded year(s) = Previous timing
- Bold italics = New projects***

City of Kirkland 2014 Update to 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
Prior Year Active Projects:													
WA 0093	Vulnerability Analysis	367,900											
WA 0115	Telemetry Upgrades	150,000											
SS 0075	Inflow/Infiltration Reduction Upgrade	200,000											
Subtotal Prior Year Active Projects with no new funding planned		717,900											
Current 2013-18 CIP:													
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			
WA 0134	5th Ave S / 8th St S Watermain Replacement							850,000	850,000	850,000			
WA 0140	NE 85th Street Watermain Replacement	626,000	2,494,400	871,800					3,366,200	3,366,200			
WA 0145	Kirkland Avenue/6th Street S Watermain Replacement					785,000			785,000	785,000			
WA 0148	Park Lane Watermain Replacement		62,000	235,000					297,000	297,000			
WA 0150	6th Street Watermain Replacement			372,500	148,000				520,500	520,500			
WA 0151	7th Avenue S Watermain Replacement			325,000	53,000				378,000	378,000			
WA 0152	4th Street Watermain Replacement				440,000				440,000	440,000			
WA 8888	Annual Watermain Replacement Program						562,100	402,700	964,800	964,800			
WA 9999	Annual Water Pump Station/System Upgrade Pgm						562,100	402,700	964,800	964,800			
SS 0056	Emergency Sewer Construction Program		100,000	30,000					130,000	130,000			
SS 0064	7th Avenue South Sewermain Replacement			897,800					897,800	897,800			
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				1,088,400	1,471,400			2,559,800	2,559,800			
SS 0078	5th Avenue S Sewermain Replacement			188,900	38,000				226,900	226,900			
SS 0079	3rd Avenue S & 2nd Street S Sewermain Replacement				487,000	740,000			1,227,000	1,227,000			
SS 0080	20th Avenue Sewermain Replacement							812,000	812,000	812,000			
SS 0081	7th / 8th Avenue West Alley Sewermain Replacement		354,000						354,000	354,000			
SS 8888	Annual Sanitary Pipeline Replacement Program			217,400	497,800	138,300	562,100	402,800	1,818,400	1,818,400			
SS 9999	Annual Sanitary Pump Station/System Upgrade Pgm			217,400	497,800	138,300	562,200	402,800	1,818,500	1,818,500			
Total Funded Water/Sewer Utility Projects		1,558,900	4,258,700	7,586,200	3,300,000	3,273,000	3,273,000	3,273,000	24,963,900	20,795,900	130,000	4,038,000	0

Notes

- * = Modification in timing and/or cost
- ^ = Annual Watermain or Sanitary Pipeline Replacement Program Project Candidates
- # = Annual Pump Station/System Upgrade Program Project Candidates
- " = Moved from funded status to unfunded status
- Shaded year(s) = Previous timing
- Bold italics = New projects**

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
WA 0139"	6th Street S Watermain Replacement	785,000
WA 0146^	6th Street/Kirkland Way Watermain Replacement	693,000
WA 0147^	106th Avenue NE from NE 60th Street to NE 68th Street	661,500
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
SS 0082	3rd Street & Central Way Sanitary Sewer Crossing	270,000
Subtotal Unfunded Water/Sewer Utility Projects		77,057,500
Funding Available from Annual Programs for Candidate Projects		5,566,500
Net Unfunded Water/Sewer Utility Projects		71,491,000

Notes

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= Annual Pump Station/System Upgrade Program Project Candidates

" = Moved from funded status to unfunded status

Shaded year(s) = Previous timing

Bold italics = New projects

City of Kirkland
2014 Update to 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
Prior Year Active Projects:												
PK 0056	Forbes Lake Park Development	952,500										
PK 0108	McAuliffe Park Development	288,414										
PK 0109	Juanita Bay Park Wetland Restoration	215,000										
PK 0123	Peter Kirk Pool Upgrades	175,000										
PK 0124	Snyder's Corner Park Site Development	75,000										
Subtotal Prior Year Active Projects with no new funding planned		1,705,914										
Current 2013-18 CIP:												
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		
PK 0087 100#	Waverly Beach Park Renovation		115,000	624,000					739,000	500,000	239,000	
PK 0095 200	Heritage Park - Heritage Hall Renovations		50,000						50,000	50,000		
PK 0113 100	Spinney Homestead Park Renovation		493,000						493,000	443,000	50,000	
PK 0114 101	Mark Twain Park Renovation (Design)						75,000		75,000	75,000		
PK 0115	Terrace Park Renovation		75,000	440,000					515,000	515,000		
PK 0116 100	Lee Johnson Field Lighting Replacements			150,000					150,000	150,000		
PK 0119	Juanita Beach Park Development Phase 2	3,450,000					100,000	1,207,000	1,307,000	807,000		500,000
PK 0119 100#	Juanita Beach Bathhouse Replacement & Shelter				200,000	1,000,000			1,200,000	1,200,000		
PK 0121*	Green Kirkland Forest Restoration Program	396,703	75,000	75,000	125,000	75,000	75,000	75,000	500,000	450,000		50,000
PK 0131	Park and Open Space Acquisition Program						508,000		508,000	508,000		
PK 0131 008	Park Acq-Yuppie Pawn Shop Property			2,340,000					2,340,000	1,610,000	640,000	90,000
PK 0133 100#	Dock & Shoreline Renovations		150,000	150,000	250,000	250,000			800,000	800,000		
PK 0133 200#	City-School Playfield Partnership						500,000	500,000	1,000,000	1,000,000		
PK 0133 300#	Neighborhood Park Land Acquisition						750,000	750,000	1,500,000	1,500,000		
PK 0133 400#	Edith Moulton Park Renovation		100,000	100,000	800,000				1,000,000	1,000,000		
PK 0134	132nd Park Playfields Renovation		75,000		637,000				712,000	712,000		
PK 0138	Everest Park Restroom/Storage Building Replacement			75,000		660,000			735,000	735,000		
PK 0139 100	Totem Lake Park Master Plan		120,000						120,000		120,000	
Total Funded Park Projects		5,552,617	1,353,000	3,954,000	2,062,000	2,035,000	2,058,000	2,582,000	14,044,000	12,255,000	1,149,000	640,000

Notes

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= Park Levy Candidates

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**City of Kirkland
2014 Update to 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
PK 0087 101	Waverly Beach Parks Renovation (Phase 2)	1,000,000
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
PK 0119 200	Juanita Beach Park Development (Phase 3)	10,000,000
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
PK 0133 500	Lee Johnson Field Synthetic Turf and Lighting	1,500,000
PK 0135	Juanita Heights Park Master Planning and Development	1,125,000
PK 0136	Kingsgate Park Master Planning and Park Development	1,150,000
PK 0137	Windsor Vista Park Master Planning and Park Development	1,150,000
PK 0139	Highlands Park Renovation	750,000
PK 0139 101	Totem Lake Park Acquisition	3,000,000
Total Unfunded Parks Projects		97,425,000

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City of Kirkland
2014 Update to 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
<i>Prior Year Active Projects</i>												
PS 0056	Disaster Supply Storage Units	142,700										
PS 0057	Disaster Care Response Vehicle	70,000										
PS 0062	Defibrillator Unit Replacement	253,900										
PS 0065	Disaster Response Portable Generator	300,000										
<i>Subtotal Prior Year Active Projects with no new funding planned</i>		766,600										
<i>Current 2013-18 CIP</i>												
FIRE												
PS 0067	Dive Rescue Equipment			55,000					55,000	55,000		
PS 0071	Self Contained Breathing Apparatus (SCBA)		741,600					9,000	750,600	750,600		
PS 0075	Portable Radios						347,000		347,000	347,000		
PS 0076	Personal Protective Equipment			518,200			400		518,600	518,600		
PS 0077	Hose Replacement		35,000	1,300					36,300	36,300		
<i>PS 200*</i>	<i>Fire Equipment Replacement</i>				25,400	40,100	17,400	14,800	97,700	97,700		
POLICE												
PS 1000	Police Equipment Replacement		53,100	111,700	183,900	318,000	278,800	145,500	1,091,000	1,091,000		
Total Funded Public Safety Projects		766,600	829,700	686,200	209,300	358,100	643,600	169,300	2,896,200	2,896,200	0	0

Unfunded Projects:

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

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City of Kirkland
2014 Update to 2013-2018 Capital Improvement Program

GENERAL GOVERNMENT PROJECTS - Technology

Funded Projects:

Project Number	Project Title	Prior Year(s)	2013	2014	2015	2016	2017	2018	2013-2018 Total	Funding Source		
										Current Revenue	Reserves/ Prior Yr	External Source
<i>Prior Year Active Projects</i>												
GG 0006 110	Records Management System	1,297,200										
GG 0006 205	Municipal Court Technology Projects	50,000										
<i>Subtotal Prior Year Active Projects with no new funding planned</i>		1,347,200										
<i>Prior Year Active Projects</i>												
GG 0006 501	Permit System Replacement	906,412	75,000						75,000		75,000	
IT 0100 000	Network Server Replacements	176,158	161,000	66,400	36,000	23,800	164,500	66,400	518,100	507,100	11,000	
IT 0110 000	Network Infrastructure	310,312	50,000	200,000	39,000	36,600	41,100	37,600	404,300	250,300	154,000	
IT 0120 000	Network Storage, Backup & Archiving	332,384	987,100		18,400	20,100	80,000	1,071,400	2,177,000	1,514,900	662,100	
IT 0130 000	Network Phone Systems			50,000	395,000				445,000	309,557	135,443	
IT 0140 000	Network Security	30,000	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	958,100	396,900	
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	
IT 0500 000	Copier Replacements				52,200	15,000	39,000	30,500	136,700	136,700		
IT 0601 000	Help Desk System Replacement Phase 2				66,000				66,000	33,400	32,600	
IT 0702 000*	Maintenance Management System Upgrade		30,000	147,600	45,000				222,600	53,100	169,500	
IT 0802 000	Recreation Registration System Replacement					83,000			83,000		83,000	
IT 0901 000	Disaster Recovery System Improvement			125,000					125,000	125,000		
IT 0903 000	Wireless in Parks Phase 2				200,000				200,000			200,000
Total Funded General Gov. Projects - Technology		3,102,466	1,650,500	860,100	1,205,900	584,300	649,600	1,485,900	6,436,300	4,094,157	2,142,143	200,000

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 0602 000	Standard Reporting Tool	379,700
IT 0701 000	Fleet Management Systems Replacement	80,000
IT 0902 000	Customer Relationship Management System	414,000
Total Unfunded General Government Projects - Technology		1,417,400

Notes

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City of Kirkland
2014 Update to 2013-2018 Capital Improvement Program

GENERAL GOVERNMENT PROJECTS - Facilities

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	
<i>Prior Year Active Projects</i>														
GG 0037	Maintenance Center Expansion	1,450,000												
<i>Subtotal Prior Year Active Projects with no new funding planned</i>		1,450,000												
<i>Current 2013-18 CIP</i>														
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		41,000	222,800	47,000		198,300	317,600	826,700		814,700			
GG 0010	Painting, Ceilings, Partition & Window Replacements			68,000	144,400	122,600	194,900	205,300	735,200		735,200			
GG 0011	Roofing, Gutter, Siding and Deck Replacements		41,800	132,300		34,600	141,800	257,700	608,200		608,200			
GG 0012	Flooring Replacements			66,400	105,800	23,300	82,000	96,500	374,000		374,000			
GG 0013 102	Public Safety Building Phase II	1,504,000	17,045,200	14,113,000					31,158,200		8,020,790	22,023,327	1,114,083	
GG 0014	City Facilities Energy Efficiency Project		846,000						846,000		586,000		260,000	
GG 0035 100	City Hall Expansion	166,500	433,500	1,450,000	7,950,000				9,833,500		528,924	5,804,576	3,500,000	
GG 0039	Consolidated Fire Station No 25	1,368,000	3,862,000						3,862,000			3,862,000		
Total Funded General Government Projects - Facilities		4,488,500	22,288,400	16,052,500	8,313,600	190,700	617,000	921,200	48,383,400	0	11,807,414	31,689,903	4,874,083	

Notes

* = Modification in timing and/or cost (see Project Modification/Deletion Schedule for greater detail)

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RESOLUTION R-5090

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

WHEREAS, during the 2013-2014 Biennial Budget Process the City Council adopted a Six-Year Capital Improvement Program for the years 2013-2018; and

WHEREAS, updates to citywide planning processes, including the Kirkland 2035 Comprehensive Plan, are expected be completed in 2015; and

WHEREAS, the results of these citywide planning efforts will impact the City of Kirkland's future capital infrastructure needs; and

WHEREAS, delaying the full review of a new Six-Year Capital Improvement Plan to 2015 will provide a better opportunity to balance available resources with needs emerging from these plans.

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

Section 1. The Kirkland City Council hereby adopts and approves revisions to 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. A full update to the Six-Year Capital Improvement Program shall occur in 2015.

Passed by majority vote of the Kirkland City Council in open meeting this ____ day of _____, 2014.

Signed in authentication thereof this ____ day of _____, 2014.

MAYOR

ATTEST:

City Clerk