



CITY OF KIRKLAND
Department of Finance & Administration
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MEMORANDUM

To: Kurt Triplett, City Manager

From: Tracey Dunlap, Deputy City Manager
Michael Olson, Director of Finance and Administration
Tom Mikesell, Financial Planning Manager
Neil Kruse, Sr. Financial Analyst

Date: August 19, 2015

Subject: Public Hearing on the Preliminary 2015 to 2020 Capital Improvement Program

RECOMMENDATION:

City Council hold a public hearing on the Preliminary 2015-2020 Capital Improvements Programs (CIP).

BACKGROUND:

The Council was presented with the Preliminary 2015-2020 CIP at the July 21, 2015 City Council Study Session. The City Council reviewed follow-up material from the first meeting at a second Study Session held on August 3, 2015. The purpose of this public hearing is to solicit public comment on the Preliminary 2015-2020 CIP as submitted by the City Manager and reviewed by the City Council. The funded Preliminary CIP totals \$195,682,600 for the six-year period. A summary of the projects in the Preliminary CIP is included as Attachment A. The full document is available at <http://www.kirklandwa.gov/CIPdocument>.

At this time no modifications have been made to the Preliminary CIP as presented. However, based on Council discussion during the Study Sessions and additional information received subsequent to the development of the Preliminary CIP, staff is reviewing the following items for future consideration at the CIP adoption in the fall:

- Stock containers at two Community Points of Distribution (CPOD) per year in the Public Safety Program. Staff is evaluating adding this item either as a CIP project, or as a Service Package for inclusion 2015-2016 Mid-Biennial operating budget update;
- Fund one emergency generator per biennium in the Public Safety Program, for a total of three in the six year CIP;
- Fund a barricade removal feasibility study to identify alternatives to then present as part of an outreach process;
- Recognize additional funding for seismic improvements in the City Hall remodel;
- Move NE 52nd St. Sidewalk Project (NM 0007) from the unfunded to list to the funded list due to the award of grants in Tier 3 of the 2015-2017 State Capital Budget;

- Eliminate unfunded Dock Renovations (PK0125) project in the Parks Program since a similar project already exists in the funded program. Revise description of Dock & Shoreline Renovation project (PK 0133 100) to include \$2 million of unfunded costs beyond 2020, based on engineer's estimate of future dock renovation needs in the Parks Recreation and Open Space Plan;
- Initiate appraisal of property in S. Rose Hill as the first step towards potential addition of a pedestrian path, funded with REET 1;
- Consider whether to add funding for property acquisition in the Juanita Heights Park vicinity;
- Adjust unfunded projects to align with the Transportation Master Plan, subarea plans, and other related efforts; and,
- Review funding strategies for the Juanita Drive Corridor project (NM0112) to optimize external funding opportunities.

Next Steps

Following the public hearing, a third City Council Study Session will be held on November 17, 2015 to review recommended revisions and receive final Council direction. After that meeting, staff will prepare a resolution to formally adopt the CIP along with the 2015-16 Mid-Biennial Budget adjustments at the City Council's Regular Meeting on December 8, 2015.

**City of Kirkland
2015-2020 Preliminary Capital Improvement Program**

TRANSPORTATION PROJECTS

Funded Projects:

Project Number	Project Title	Prior Year(s)	2015	2016	2017	2018	2019	2020	2015-2020 Total	Funding Sources					
										Current Revenue	Steet Levy	Impact Fees	Walkable Kirkland	Reserve	External/Pending Source
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	10,444,000				56,000	
ST 0006 002	Annual Street Preservation Program-One-time Project	200,500	1,268,500						1,268,500					146,500	1,122,000
ST 0006 003	Street Levy Street Preservation		2,300,000	2,300,000	2,326,000	2,352,000	2,379,000	2,406,000	14,063,000		14,063,000				
ST 0070+#	120th Ave NE/Totem Lake Plaza Roadway Improvements			3,000,000					3,000,000						3,000,000
ST 0080	Annual Striping Program		350,000	400,000	400,000	500,000	500,000	500,000	2,650,000	2,650,000					
ST 0083 101	100th Ave NE Roadway Design		1,065,200	2,144,000					3,209,200	45,000		544,200			2,620,000
ST 0083 102	100th Ave NE Roadway Improvements						5,000,000		5,000,000	607,000	1,375,000	80,000	56,000		2,882,000
ST 0086+	Finn Hill Emergency Vehicle Access Connection				900,000				900,000				900,000		
ST 0087	6th Street South Corridor Study		150,000						150,000	150,000					
ST 0088	Arterial Streetlight LED Conversion			900,000					900,000				900,000		
ST 9999	Regional Inter-Agency Coordination		82,000	82,000	82,000	82,000	82,000	82,000	492,000	492,000					
NM 0006 100	Street Levy-Safe School Walk Routes		150,000						150,000		150,000				
NM 0006 200	Street Levy-Pedestrian Safety		150,000	150,000	150,000	150,000	150,000	150,000	900,000		900,000				
NM 0006 201	Neighborhood Safety Program Improvements		200,000	200,000	200,000	200,000	200,000	200,000	1,200,000			1,200,000			
NM 0012	Crosswalk Upgrade Program		70,000				50,000	50,000	170,000	170,000					
NM 0012 001	NE 116th Street Crosswalk Upgrade				200,000	230,000			430,000	394,000			36,000		
NM 0012 002	NE 124th Street Crosswalk Upgrade			80,000					80,000				80,000		
NM 0012 003	132nd Avenue NE Crosswalk Upgrade					250,000			250,000	250,000					
NM 0024 301	King County Eastside Rail Acquisition in North Kirkland					300,000	300,000		600,000	600,000					
NM 0057	Annual Sidewalk Maintenance Program		200,000	200,000			200,000	200,000	800,000	732,600			67,400		
NM 0084	South Kirkland TOD/CKC Multi-Modal Connection	246,000	2,021,400	132,600					2,154,000	25,400			924,600		1,204,000
NM 0086 001	NE 124th St/124th Ave NE Pedestrian Bridge Design			750,000	750,000				1,500,000	575,000		741,100	90,800	93,100	
NM 0086 002	NE 124th St/124th Ave NE Pedestrian Bridge Construction				4,060,000	7,300,000			11,360,000	826,000		3,276,800			7,257,200
NM 0087+	Citywide School Walk Route Enhancements			500,000	864,200	869,000	450,000	400,000	3,083,200	363,000	450,000		348,200	1,072,000	850,000
NM 0087 001	North Kirkland/JFK School Walk Route Enhancements						500,000	500,000	1,000,000	14,600	300,000		100,000		585,400
NM 0089+	Lake Front Pedestrian and Bicycle Improvements		106,400	893,600					1,000,000			11,000			989,000
NM 0090+	Juanita Drive 'Quick Wins'		200,800	485,800	663,400				1,350,000			62,600			1,287,400
NM 0092	Active Transportation Plan Update				75,000				75,000	75,000					
NM 0095	124th Avenue NE Sidewalk Improvements			1,050,000					1,050,000	578,600		41,800	200,000	229,600	
NM 0098	Kirkland Way Sidewalk Improvements					2,120,000			2,120,000	420,000				500,800	1,199,200
NM 0109	Citywide Trail Connections (Non-CKC)							275,000	275,000	275,000					
NM 0109 001	Finn Hill Connections					250,000			250,000	250,000		125,000	125,000		
NM 0109 002	Lake Front Promenade Design Study							75,000	75,000	75,000					
NM 0110	Citywide Accessibility Transition Plan			50,000					50,000					50,000	
NM 0110 001	Citywide Accessibility Improvements					100,000		100,000	100,000	100,000			100,000	100,000	
NM 0112 000	Juanita Drive Multi-Modal (On-Street) Improvements							500,000	500,000	75,000		225,000		200,000	
NM 0113	Citywide Greenways Networks							250,000	250,000	250,000		125,000		125,000	
NM 0113 001	Citywide Greenways Network Project-NE 75th Street			250,000	250,000				500,000	50,000		407,500		42,500	
NM 0113 002	Citywide Greenways Network Project-128th Avenue NE					400,000	400,000		800,000	182,000			70,000	98,000	450,000
NM 0114	CKC Bridge Connecting to Houghton Shopping Center		175,000						175,000					175,000	
NM 0115	CKC Emergent Projects Opportunity Fund			100,000					100,000					100,000	
PT 0001	Citywide Transit Study				300,000				300,000	150,000		150,000			
TR 0079 001#	NE 85th St/114th Ave Intersection Improvements Phase II				1,800,000				1,800,000						1,800,000
TR 0082+#	Central Way/Park Place Center Traffic Signal				200,000				200,000						200,000
TR 0099+#	120th Ave/Totem Lake Way Intersection Improvements			2,845,500					2,845,500						2,845,500
TR 0100 100+#	6th Street & Central Way Intersection Improvements Phase 2				1,866,800				1,866,800						1,866,800
TR 0103+#	Central Way/4th Street Intersection Improvements				31,000				31,000						31,000
TR 0104+#	6th Street/4th Ave Intersection Improvements				580,000				580,000						580,000
TR 0105+#	Central Way/5th Street Intersection Improvements				564,000				564,000						564,000
TR 0109+#	Totem Lake Plaza/Totem Lake Blvd Intersection Imprv.			1,500,000					1,500,000						1,500,000
TR 0110+#	Totem Lake Plaza/120th Ave NE Intersection Imprv.			1,500,000					1,500,000						1,500,000
TR 0116	Annual Signal Maintenance Program			150,000	150,000	150,000	200,000	200,000	850,000	200,000				650,000	
TR 0117	Citywide Traffic Management Safety Improvements				100,000	100,000	100,000	100,000	400,000					400,000	
TR 0117 001	Flashing Yellow Signal Head Safety Improvements			50,000					50,000					50,000	
TR 0117 002	Vision Zero Safety Improvement			50,000	50,000	50,000	50,000	50,000	250,000	50,000				200,000	
TR 0117 003	Neighborhood Traffic Control			50,000		50,000			50,000	150,000	34,000			116,000	
TR 0118	General Parking Lot Improvements			500,000	100,000				600,000					600,000	
TR 0119	Kirkland Citywide Intelligent Transportation System Study				75,000				75,000	35,000				40,000	
TR 0120	Kirkland Intelligent Transportation System Phase 3					450,000	450,000	450,000	1,350,000	81,400		50,000	85,000	1,133,600	
TR 0122	Totem Lake Intersection Improvements			6,000,000					6,000,000			3,000,000		3,000,000	
Total Funded Transportation Projects		446,500	10,239,300	28,063,500	18,487,400	17,653,000	12,861,000	8,288,000	95,592,200	20,444,600	15,863,000	10,360,000	2,400,000	8,057,500	38,467,100

Notes
Italics = Modification in timing and/or cost (see Project Modification/Deletion Schedule for more detail)
Bold = New projects
+ = Moved from unfunded status to funded status
= = Moved from funded status to unfunded status
= Projects to be funded with development-related revenues

TRANSPORTATION PROJECTS

Unfunded Projects:

Project Number	Project Title	Total
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 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
NM 0001	116th Ave NE (So. Sect.) Non-Motorz'd Facil-Phase II	3,378,000
<i>NM 0007</i>	<i>NE 52nd Street Sidewalk</i>	<i>1,086,000</i>
NM 0024 201	Cross Kirkland Corridor Opportunity Fund	500,000
<i>NM 0026</i>	<i>NE 90th Street Sidewalk (Phase II)</i>	<i>706,200</i>
NM 0030	NE 90th Street/I-405 Pedestrian/Bicycle Overpass	3,740,700
NM 0031	Crestwoods Park/CKC Corridor Ped/Bike Facility	2,505,000
NM 0032	93rd Avenue Sidewalk	1,047,900
NM 0036	NE 100th Street Bike lane	1,644,300
NM 0037	130th Avenue NE Sidewalk	833,600
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
<i>NM 0047</i>	<i>116th Avenue NE Sidewalk (South Rose Hill)</i>	<i>840,000</i>
<i>NM 0048</i>	<i>NE 60th Street Sidewalk</i>	<i>500,000</i>
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 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
<i>NM 0072</i>	<i>NE 132nd Street Sidewalk at Finn Hill Middle School</i>	<i>840,000</i>
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
<i>NM 0086</i>	<i>Cross Kirkland Corridor Non-motorized Improvements</i>	<i>80,400,000</i>
<i>NM 0088</i>	<i>NE 124th Street Sidewalk</i>	<i>376,000</i>
NM 0097	132nd NE Sidewalk	732,000
NM 0101	7th Avenue Sidewalk	208,000
NM 0102	NE 120th Street Sidewalk	548,000
NM 0103	120th Avenue NE Sidewalk	556,000
NM 0104	NE 122nd Place/NE 123rd Street Sidewalk	1,294,000
NM 0105	120th Avenue NE Sidewalk	812,000
NM 0106	Citywide CKC Connection	360,000
NM 0107	CKC to Downtown Surface Connection	2,000,000
Subtotal Unfunded ST and NM Projects		257,794,500

Project Number	Project Title	Total
PT 0002	Public Transit Speed and Reliability Improvements	500,000
PT 0003	Public Transit Passenger Environment Improvements	500,000
TR 0067	Kirkland Way/CKC Bridge Abutment/Intersection Imprv	6,917,000
<i>TR 0083"</i>	<i>100th Ave NE/NE 132nd Street Intersection Improvements</i>	<i>3,178,100</i>
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 0106 [#]	6th Street/7th Avenue Intersection Improvements	89,400
TR 0108 [#]	NE 85th Street/124th Ave NE Intersection Improvements	889,000
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 PT/TR Projects		44,594,400
Total Unfunded Transportation (ST, NM, TR, and PT) Projects		302,388,900

Notes

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**City of Kirkland
2015-2020 Preliminary Capital Improvement Program**

SURFACE WATER MANAGEMENT UTILITY PROJECTS

Funded Projects:

Project Number	Project Title	Prior Year(s)	2015	2016	2017	2018	2019	2020	2015-2020 Total	Funding Source				
										Current Revenue	Reserve	Debt	External Source	
SD 0047	<i>Annual Replacement of Aging/Failing Infrastructure</i>		200,000		200,000	200,000	200,000	200,000	1,000,000	1,000,000				
SD 0048	<i>Cochran Springs / Lake Washington Blvd Crossing Enh.</i>	520,000	971,500	478,500					1,450,000	1,450,000				
SD 0049+	<i>Forbes Creek/108th Ave NE Fish Passage Imp</i>						230,400	179,600	410,000	410,000				
SD 0063+	<i>Everest Creek - Slater Ave at Alexander St</i>							360,000	360,000	360,000				
SD 0067	<i>NE 129th Place/Juanita Creek Rockery Repair</i>	115,500	370,000						370,000	132,100			237,900	
SD 0076	<i>NE 141st Street/111th Avenue NE Culvert Repair</i>	181,500		76,100	683,900				760,000	760,000				
SD 0077	<i>Goat Hill Storm Drainage Repair</i>	153,700	168,000	672,000					840,000	840,000				
SD 0078	<i>Billy Creek Ravine Stabilization Phase II</i>	87,600	43,000	187,000					230,000	230,000				
SD 0081	<i>Neighborhood Drainage Assistance Program (NDA)</i>		50,000		50,000		50,000		150,000		150,000			
SD 0084+	<i>Market St, Central to 12th Ave</i>						224,000	696,000	920,000	920,000				
SD 0086	99th Place NE Stormwater Pipe Replacement		390,000						390,000	2,000	388,000			
SD 0087	Silver Spurs Flood Reduction				70,000				70,000	70,000				
SD 0088	Comfort Inn Pond Modifications			407,000	240,000				647,000	310,000			337,000	
SD 0089	NE 142nd Street Surface Water Drainage Improvements				160,000				160,000	160,000				
SD 0090	Goat Hill Drainage Ditch and Channel Stabilization					320,000			320,000	320,000				
SD 0091	Holmes Point Drive Pipe Replacement		40,000	260,400	199,600				500,000	500,000				
SD 0092	Juanita Creek Culvert				140,600	519,400			660,000	660,000				
SD 0093	Pleasant Bay Apartments Line Replacement				106,900	203,100			310,000	310,000				
SD 0094	NE 114th Place Stormline Replacement						260,000		260,000	260,000				
SD 0095	NE 141st Street Stormwater Pipe Installation					170,000			170,000	170,000				
SD 0096	CKC Emergent Projects Surface Water Opportunity Fund			100,000					100,000		100,000			
SD 0097	Champagne Creek Stabilization					339,500	440,500		780,000	780,000				
SD 0098	Champagne Creek Stormwater Retrofit					120,000			120,000	120,000				
SD 0099	Goat Hill Drainage Conveyance Capacity						259,200	370,800	630,000	630,000				
SD 0100	Brookhaven Pond Modifications						301,900	313,600	615,500	615,500				
SD 0105	Property Acquisition Opportunity Fund								250,000		250,000			
SD 0106	CKC Surface Water Drainage at Crestwoods Park		40,000	50,000	50,000	50,000	50,000	50,000	40,000	40,000				
SD 0106 001	CKC Surface Water Drainage at Crestwoods Park Design/Construction			300,000	700,000				1,000,000		500,000		500,000	
SD 8888	<i>Annual Streambank Stabilization Program</i>		44,200						44,200	44,200				
SD 9999	<i>Annual Surface Water Infrastructure Replacement Program</i>		44,200						44,200	44,200				
Total Funded Surface Water Management Utility Projects			1,058,300	2,360,900	2,531,000	2,601,000	1,922,000	2,016,000	2,170,000	13,600,900	11,138,000	1,388,000	0	1,074,900

SURFACE WATER MANAGEMENT UTILITY PROJECTS

Unfunded Projects:

Project Number	Project Title	Total
SD 0045	Carillon Woods Erosion Control Measures	549,600
SD 0046	<i>Regional Detention in Forbes and Juanita Creek Basins</i>	10,000,000
SD 0050	NE 95th Street/126th Avenue NE Flood Control Measures	55,900
SD 0051"	<i>NE 95th Street/126th Avenue NE Flood Control Measures</i>	1,290,900
SD 0052	Forbes Creek/Slater Avenue Embankment Stabilization	139,700
SD 0053"	<i>Forbes Creek/Coors Pond Channel Grade Controls</i>	424,200
SD 0054	Forbes Creek/Cross Kirkland Corridor 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 0058"	<i>Surface Water Sediment Pond Reclamation (Phase II)</i>	851,000
SD 0061	Everest Park Stream Channel/Riparian Enhancements	1,095,500
SD 0062	Stream Flood Control Measures at Kirkland Post Office	345,400
SD 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 0085 001	Cross Kirkland Water Quality	920,000
Subtotal Unfunded Surface Water Management Utility Projects		17,345,400
Funding Available from Annual Programs for Candidate Projects		-
Net Unfunded Surface Water Management Utility Projects		17,345,400

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**City of Kirkland
2015-2020 Preliminary Capital Improvement Program**

WATER/SEWER UTILITY PROJECTS

Funded Projects:

Project Number	Project Title	Prior Year(s)	2015	2016	2017	2018	2019	2020	2015-2020 Total	Funding Source				
										Current Revenue	Reserve	Debt	External Source	
WA 0102	104th Ave NE Watermain Replacement						525,000	161,000	686,000	686,000				
WA 0115 001	Water System Telemetry Upgrade		200,000						200,000	200,000				
WA 0134	5th Ave S / 8th St S Watermain Replacement							553,000	553,000	553,000				
WA 0150	6th Street Watermain Replacement	372,500	148,000						148,000	148,000				
WA 0151	7th Avenue S Watermain Replacement	325,000	53,000						53,000	53,000				
WA 0152	4th Street Watermain Replacement		440,000						440,000	440,000				
WA 0153	3rd Street Watermain Improvement			440,000	317,000				757,000	757,000				
WA 0154	4th Street Watermain Replacement Phase 2			290,000	174,000				464,000	464,000				
WA 0155	120th Avenue NE Watermain Improvement				437,000	273,000			710,000	710,000				
WA 0156	122nd Avenue NE Watermain Improvement				505,600	190,400			696,000	696,000				
WA 0157	8th Avenue W Watermain Improvement					421,800	288,200		710,000	710,000				
WA 0158	NE 112th Street Watermain Improvement						365,000		365,000	365,000				
WA 0159	NE 113th Place Watermain Improvement					373,000			373,000	373,000				
WA 0160	126th Avenue NE Watermain Improvement							990,000	990,000	990,000				
WA 0161	Kirkland Avenue Watermain Replacement			310,000					310,000	310,000				
WA 0162	LWB Watermain Replacement at Cochran Springs		260,000						260,000		260,000			
WA 8888	Annual Watermain Replacement Program		549,400						549,400		549,400			
WA 9999	Annual Water Pump Station/System Upgrade Pgm		549,400						549,400		549,400			
SS 0051+	6th Street S Sewermain Replacement							884,000	884,000	884,000				
SS 0052+	108th Avenue NE Sewermain Replacement				865,800	2,861,800	1,624,400		5,352,000	4,652,800	699,200			
SS 0062+	NE 108th Street Sewermain Replacement					766,000	3,677,200	1,966,800	6,410,000	5,708,400	701,600			
SS 0069+	1st Street Sewermain Replacement			958,900	2,861,100				3,820,000	2,420,000	1,400,000			
SS 0070+	5th Street Sewermain Replacement			419,500	864,500				1,284,000	1,284,000				
SS 0071+	6th Street Sewermain Replacement			287,000					287,000	287,000				
SS 0072+	Kirkland Avenue Sewermain Replacement							850,000	850,000	850,000				
SS 0073	Rose Point Sewer Lift Station Replacement		1,450,000	1,110,000					2,560,000	2,560,000				
SS 0078	5th Avenue S Sewermain Replacement	188,900	38,000						38,000	38,000				
SS 0079	3rd Avenue S & 2nd Street S Sewermain Replacement		865,400	361,600					1,227,000	1,227,000				
SS 0082+	3rd & Central Way Sanitary Sewer Crossing			300,000					300,000	300,000				
SS 8888	Annual Sanitary Pipeline Replacement Program		549,400						549,400	528,800	20,600			
SS 9999	Annual Sanitary Pump Station/System Upgrade Pgm		549,400						549,400	528,800	20,600			
Total Funded Water/Sewer Utility Projects			886,400	5,652,000	4,477,000	6,025,000	4,886,000	6,479,800	5,404,800	32,924,600	28,723,800	4,200,800	0	0

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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 0145"	<i>6th Street South Watermain Replacement</i>	<i>585,100</i>
WA 0146	6th Street/Kirkland Way Watermain Replacement	693,000
WA 0147	106th Avenue NE Watermain Replacement	661,500
WA 0149	Lake Washington Blvd Watermain Replacement	655,000
SS 0068	124th Avenue NE Sewermain Replacement	1,315,000
SS 0077	West Of Market Sewermain Replacement	21,681,000
SS 0080"	<i>20th Avenue Sewermain Replacement"</i>	<i>812,000</i>
SS 0083	111th Avenue NE Sewer Main Rehabilitation	725,000
SS 0084	Reclaimed Water (Purple Pipe) Opportunity Fund	5,000,000
Subtotal Unfunded Water/Sewer Utility Projects		66,658,600
Funding Available from Annual Programs for Candidate Projects		2,197,600
Net Unfunded Water/Sewer Utility Projects		64,461,000

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**City of Kirkland
2015-2020 Preliminary Capital Improvement Program**

PARK PROJECTS

Funded Projects:

Project Number	Project Title	Prior Year(s)	2015	2016	2017	2018	2019	2020	2015-2020 Total	Funding Source				
										Current Revenue	Park Levy	Reserve	Impact Fees	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	75,000	75,000	350,000	300,000			50,000	
PK 0087 100	Waverly Beach Park Renovation	739,000	595,500						595,500			504,500		91,000
PK 0087 101+	Waverly Beach Park Renovation Phase 2						250,000	1,000,000	1,250,000		873,000		377,000	
PK 0119 002	Juanita Beach Park Development Phase 2				100,000	1,208,000			1,308,000	678,000			130,000	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		125,000	75,000	75,000	75,000	75,000	75,000	500,000	450,000				50,000
PK 0133 100	Dock & Shoreline Renovations		250,000	250,000			250,000	250,000	1,000,000		1,000,000			
PK 0133 200	City-School Playfield Partnership		850,000		500,000	500,000	500,000		1,850,000		1,000,000			850,000
PK 0133 300	Neighborhood Park Land Acquisition				750,000	750,000	750,000	734,000	2,984,000		2,250,000		734,000	
PK 0133 400	Edith Moulton Park Renovation	200,000	600,000	200,000					800,000		600,000		200,000	
PK 0133 401	Edith Moulton Park Renovation Phase 2			1,115,000					1,115,000	127,400	200,000	7,600	780,000	
PK 0134	132nd Park Playfields Renovation	75,000	509,600	127,400					637,000	509,600			127,400	
PK 0138	Everest Park Restroom/Storage Building Replacement	75,000					708,000		708,000	708,000				
PK 0139 200	Totem Lake Park Master Plan & Development (Phase I)	120,000	125,000	535,000	1,084,000				1,744,000	660,000			584,000	500,000
PK 0139 300	Totem Lake Park Development Phase 2					800,000	1,000,000	1,000,000	2,800,000				2,800,000	
PK 0146	CKC North Extension Trail Development					250,000	750,000		1,000,000				1,000,000	
PK 0147	Parks Maintenance Center					250,000	500,000	750,000	1,500,000	1,425,000			75,000	
Total Funded Park Projects		1,209,000	3,405,100	3,352,400	2,559,000	3,883,000	4,358,000	3,884,000	21,441,500	4,858,000	7,123,000	612,100	6,857,400	1,991,000

PARK PROJECTS

Unfunded Projects:

Project Number	Project Title	Total
PK 0056 100	Forbes Lake Park Trail Improvements Phase 2	4,000,000
PK 0095 100	Heritage Park Development - Phase III & IV	2,500,000
PK 0097	Reservoir Park Renovation	500,000
PK 0108	McAuliffe Park Development	7,000,000
PK 0114	Mark Twain Park Renovation	750,000
PK 0114 101"	Mark Twain Park Renovation (Design)	75,000
PK 0116	Lee Johnson Field Artificial Turf Installation	1,750,000
PK 0119 200	Juanita Beach Park Development (Phase 3)	10,000,000
PK 0122 100	Community Recreation Facility Construction	67,000,000
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 0131"	Park and Open Space Acquisition Program	3,000,000
PK 0135 100	Juanita Heights Park Expansion	1,000,000
PK 0136	Kingsgate Park Master Planning and Park Development	1,150,000
PK 0139 101	Totem Lake Park Acquisition	3,000,000
PK 0139 400	Totem Lake Park Development - Phase 3	13,000,000
PK 0141 000	South Norway Hill Park Improvements	750,000
PK 0142 000	Doris Cooper Houghton Beach Park Restroom Replacement	850,000
PK 0143 000	Marsh Park Restroom Replacement	700,000
PK 0144 000	Cedar View Park Improvements	150,000
PK 0145 000	Environmental Education Center	2,000,000
Total Unfunded Parks Projects		125,825,000

City of Kirkland

2015-2020 Preliminary Capital Improvement Program

PUBLIC SAFETY PROJECTS

Funded Projects:

Project Number	Project Title	Prior Year(s)	2015	2016	2017	2018	2019	2020	2015-2020 Total	Funding Source		External Source
										Reserve	Debt	
FIRE												
<i>PS 0062</i>	<i>Defibrillator Unit Replacement</i>							176,900	176,900	176,900		
<i>PS 0066</i>	<i>Thermal Imaging Cameras</i>						76,500		76,500	76,500		
<i>PS 0076</i>	<i>Personal Protective Equipment</i>						573,100		573,100	573,100		
PS 0078	Power Cots		71,400						71,400	71,400		
<i>PS 2000</i>	<i>Fire Equipment Replacement</i>		26,100	46,700	19,500	55,700	20,900	25,000	193,900	193,900		
POLICE												
<i>PS 1000</i>	<i>Police Equipment Replacement</i>		144,000	118,200	92,200	77,500	71,500	177,500	680,900	680,900		
FACILITIES												
PS 3001	Fire Station 25 Renovation				3,787,000				3,787,000	3,787,000		
PS 3002	Fire Station 24 Property Acquisition			2,500,000					2,500,000	2,500,000		
PS 3003	Fire Strategic Plan Implementation Station Improvements				1,013,000				1,013,000	1,013,000		
Total Funded Public Safety Projects		0	241,500	2,664,900	4,911,700	133,200	742,000	379,400	9,072,700	9,072,700	0	0

Public Safety Unfunded Projects:

Project Number	Project Title	Total
FIRE		
PS 0068	Local Emergency/Public Communication AM Radio	119,100
POLICE		
PS 1200	Police Strategic Plan Implementation	250,000
FACILITIES		
PS 3002 002	Fire Station 24 Replacement	10,133,300
PS 3004	Fire Station 21 Expansion & Remodel	3,885,400
PS 3005	Fire Station 22 Expansion & Remodel	5,812,600
PS 3006	Fire Station 26 Expansion & Remodel	6,763,900
PS 3007	Fire Station 27 Replacement	16,098,500
Total Unfunded Public Safety Projects		43,062,800

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**City of Kirkland
2015-2020 Preliminary Capital Improvement Program**

GENERAL GOVERNMENT PROJECTS - Technology

Funded Projects:

Project Number	Project Title	Prior Year(s)	2015	2016	2017	2018	2019	2020	2015-2020 Total	Funding Source		
										Reserves/ Prior Yr	Debt	External Source
<i>IT 0100</i>	<i>Network Server Replacements</i>		36,000	23,800	164,500	57,000	36,000	60,000	377,300	377,300		
<i>IT 0110</i>	<i>Network Infrastructure</i>		49,000	46,600	51,100	47,600	114,000	896,600	1,204,900	1,204,900		
<i>IT 0120</i>	<i>Network Storage, Backup & Archiving</i>		18,400	20,100	80,000	1,099,400		18,400	1,236,300	1,236,300		
<i>IT 0130</i>	<i>Network Phone Systems</i>		395,000					251,500	646,500	646,500		
<i>IT 0140</i>	<i>Network Security</i>			55,000		75,000	30,000	30,000	190,000	190,000		
<i>IT 0200</i>	<i>Geographic Information Systems</i>		250,000	275,000	275,000	285,000	285,000	285,000	1,655,000	1,655,000		
<i>IT 0402</i>	<i>Financial System Replacement</i>					150,000	-		150,000	150,000		
<i>IT 0500</i>	<i>Copier Replacements</i>		72,000	15,000	39,000	30,500	34,000	34,600	225,100	225,100		
IT 0601	Help Desk System Replacement Phase 2		66,000						66,000	66,000		
<i>IT 0702</i>	<i>EAM Maintenance Management System Replacement</i>	177,600	639,700	422,300	205,600				1,267,600	1,267,600		
<i>IT 0802</i>	<i>Recreation Registration System Replacement</i>			83,000					83,000	83,000		
IT 0903	Wireless in Parks Phase 2		200,000						200,000	-		200,000
IT 0904	Council Chamber Video System		464,000						464,000	464,000		
Total Funded General Gov. Projects - Technology		177,600	2,190,100	940,800	815,200	1,744,500	499,000	1,576,100	7,765,700	7,565,700	0	200,000

Technology Unfunded Projects:

Project Number	Project Title	Total
IT 0201	GIS Community Information Portal	100,000
IT 0301	Open Data Solution Implementation	229,800
IT 0302	Paperless Court Systems	217,400
IT 0303	Sharepoint and Trim Upgrade	176,000
<i>IT 0402</i>	<i>Financial System Replacement</i>	1,286,300
<i>IT 0602</i>	<i>Business Intelligence/Standard Reporting Tool</i>	78,400
IT 0701	Fleet Management Systems Replacement	80,000
<i>IT 0902</i>	<i>Customer Relationship Management System</i>	17,000
Total Unfunded General Government Projects - Technology		2,184,900

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**City of Kirkland
2015-2020 Preliminary Capital Improvement Program**

GENERAL GOVERNMENT PROJECTS - Facilities

Funded Projects:

Project Number	Project Title	Prior Year(s)	2015	2016	2017	2018	2019	2020	2015-2020 Total	Funding Source			
										Current Revenue	Reserve	Debt	External Source
<i>GG 0008</i>	<i>Electrical, Energy Management & Lighting Systems</i>		61,000	10,000		39,000	49,000		159,000		159,000		
<i>GG 0009</i>	<i>Mechanical/HVAC Systems Replacements</i>		37,000		177,000	229,000	199,000	79,000	721,000		721,000		
<i>GG 0010</i>	<i>Painting, Ceilings, Partition & Window Replacements</i>		146,000	111,000	174,000	166,000	28,000	76,000	701,000		701,000		
<i>GG 0011</i>	<i>Roofing, Gutter, Siding and Deck Replacements</i>			32,000	379,000	142,000	-	75,000	628,000		628,000		
<i>GG 0012</i>	<i>Flooring Replacements</i>		112,000	21,000	73,000	69,000	41,000	210,000	526,000		526,000		
<i>GG 0035 100</i>	<i>City Hall Renovation</i>	2,050,000	8,950,000						8,950,000		2,446,738	5,003,262	1,500,000
GG 0035 101	City Hall Furnishings		600,000						600,000		600,000		
<i>GG 0037 002</i>	<i>Maintenance Center Expansion</i>	1,500,000	3,000,000						3,000,000		3,000,000	-	-
Total Funded General Government Projects - Facilities		3,550,000	12,906,000	174,000	803,000	645,000	317,000	440,000	15,285,000	-	8,781,738	5,003,262	1,500,000

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