



**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  
Sri Krishnan, Financial Planning Manager

**Date:** November 21, 2010

**Subject:** ADOPTION OF THE 2011 TO 2016 CAPITAL IMPROVEMENT PROGRAM

RECOMMENDATION:

City Council approves the attached resolution adopting the 2011-2016 Capital Improvement Program (CIP).

BACKGROUND:

The Preliminary 2011-2016 CIP was presented to Council at the May 18, 2010 study session. Proposed amendments were discussed and policy direction was given at the public hearing on September 21, 2010. On November 16, 2010, Council was presented with an update of the changes to the Preliminary 2011-2016 CIP reflecting Council direction to that point. At that meeting, Council directed staff to finalize the 2011-2016 CIP incorporating the changes since the Preliminary 2011-2016 CIP was developed and bring it forward for Council adoption on December 7, 2010.

The Preliminary 2011-2016 CIP was modified after the November 16<sup>th</sup> meeting as described below:

- **Annual Concurrency Street Improvements** project (ST 8888) – Staff had previously recommended reducing the project from \$800,000 to \$450,000 in 2012 to address the anticipated shortfall in transportation impact fee revenues. In order to meet grant match requirements for the **6<sup>th</sup> Street/Central Way Intersection Improvements** (TR 0100) project, \$200,000 in surface water revenues is recommended to be moved from ST 8888 to TR 0100. As previously discussed, the reduction to ST 8888 impacts the City's ability to leverage additional funding from grant opportunities. In order to mitigate this risk, staff is recommending the use of \$600,000 from reserves in 2012. The resulting project cost in 2012 is \$850,000.
- **6<sup>th</sup> Street/Central Way Intersection Improvements** (TR 0100) – Project total cost reduced from \$4.62 million (as presented in May 2010) to \$3.02 million. The project is now estimated to cost \$0.97 million in 2011 and \$1.0 million in 2012 in addition to the \$1.05 million budgeted in 2010.
- The following projects anticipated to be funded by Park Place redevelopment-related revenues are being shown on the unfunded list to recognize that they will occur only if the development proceeds:
  - Central Way/Park Place Center Traffic Signal (TR 0082)
  - Lake Washington Boulevard /NE 38th Place Intersection Improvements (TR 0090)
  - Central Way/4th Street Intersection Improvements (TR 0103)
  - 6th Street/4th Ave Intersection Improvements (TR 0104)
  - NE 85th Street/124th Ave NE Intersection Improvements (TR 0108)

In addition to the changes described above, the changes from the Preliminary CIP are recapped below:

*Revisions to Funded Transportation Projects*

- **Annual Street Preservation Program-One-Time Project** (ST 0006 002) – Project total changed from \$1.1 million to \$1.122 million to reflect additional State funding of \$22,000 in 2012.

*Additions to List of Funded Transportation Projects*

- **Kirkland Intelligent Transportation System Implementation Phase I** (TR 0111) – New project added to the Preliminary CIP to acknowledge notification of Congestion, Mitigation and Air Quality (CMAQ) grant award of \$1.8 million in 2011 and a grant match of \$243,000 for a total of \$2.043 million.
- **Downtown Pedestrian Safety Improvements - Central Way** (TR 0112) – New project added to the Preliminary CIP to acknowledge grant award of \$16,000 in 2011.
- **Eastside Rail Corridor Trail Acquisition** (NM 0070) – Acquisition of the Eastside Rail Corridor, formerly known as the Burlington Northern Santa Fe (BNSF) railroad right-of-way, between Bellevue and the north City limits for the potential future use as a recreational trail, light-rail corridor, and right-of-way for addressing surface water needs in the Totem Lake area corridor is included in 2011. An initial acquisition amount of \$5 million has been identified with external funding as the source.

*Revisions to Unfunded Transportation Projects*

- **111<sup>th</sup> Avenue Non-Motorized/Emergency Access Connection** (NM 0058) – Added project totaling \$2 million. This project was inadvertently omitted from the unfunded list in the Preliminary CIP.
- **104<sup>th</sup> Avenue NE/NE 68<sup>th</sup> Street Lake Washington School Walk Route Enhancements** (NM 0068) – Project total changed from \$351,000 to \$359,000 due to a change in project scope as a result of a grant application process.
- **100<sup>th</sup> Avenue NE Bicycle Lanes** (NM 0069) – New project added to the unfunded transportation CIP list for a total of \$185,000 in anticipation of potential grant opportunities.
- **Kirkland Intelligent Transportation System Implementation Phase II** (TR 0111 001) – New project added to the unfunded transportation CIP list for a total of \$4.1 million in anticipation of potential grant opportunities.
- **Totem Lake Area Development Opportunity Program** (ST 0081) – Establishing a new, unfunded project at an estimated cost of \$500,000, in anticipation of development opportunities funded through grants that may require a City matching portion. As opportunities arise, staff will bring forward for Council consideration a plan to fund this project in order to utilize any grants or other external funds that help achieve the City's goals for redeveloping the Totem Lake area.

*Transportation Project Moved to Unfunded List*

- Moving the **6<sup>th</sup> Street/Kirkland Way Traffic Signal** project (TR 0065) from funded to unfunded status.

*Surface Water Project Moved to Funded List*

- **Totem Lake Boulevard Flood Control Measures** (SD 0059) – Project moved from unfunded to funded status based on availability of \$117,000 in King County Opportunity Funds for flood control study in 2011.

*Additions to List of Funded Surface Water Projects*

- **Totem Lake Surface Water Opportunity Program** (SD 0072) – Establishing a new, funded project that adds \$500,000 in surface water utility revenue identified for surface water projects in the Totem Lake area that would utilize the right-of-way offered by the acquisition of the Eastside Rail Corridor Trail Acquisition discussed above.
- **Forbes Creek Surface Water Opportunity Program** (SD 0073) – Establishing a new, funded project that adds \$500,000 in surface water utility revenue identified for surface water projects in the Forbes Creek area that would utilize the right-of-way offered by the acquisition of the Eastside Rail Corridor Trail Acquisition discussed above.

*Revisions to Funded General Government Projects*

Addressing the anticipated \$1.86 million shortfall in interest revenues for public safety and general government projects included in the Preliminary CIP by:

- Moving the Local Emergency/Public Communication AM Radio project from the funded to the unfunded list – reducing expenditures by \$119,100;
- Reducing IT capital project costs by \$40,500 in 2011 for the Finance and HR Systems Modules by identifying alternative implementation approaches and reducing project scope;
- Deferring approximately \$200,000 in planned expenditures on the City's Local and Wide Area Networks to sometime beyond 2012; and
- Using \$1.7 million in one-time resources to address the remaining shortfall.

The City Manager recommended that the **Neighborhood Connections Program** (GG 0023) be reduced from \$100,000 to \$25,000 per year to balance the 2011-2012 Budget. At the November 16<sup>th</sup> meeting, Council directed staff to eliminate the Neighborhood Connections Program and use the \$25,000 per year to increase neighborhood grants from \$615 to \$1,000 and purchase an insurance policy for neighborhood events. The remaining \$14,955 will be used for Human Services funding in 2011 and set-aside in a reserve in 2012.

The 2011-2016 CIP assumes **Transportation Benefit District** (TBD) revenues to fund transportation projects. At the November 8 Council budget study session, Council provided policy direction to defer the decision about whether or not to implement a TBD until the second quarter of 2011. Council also provided policy direction that the TBD revenue assumptions and related CIP projects should be left in the 2011-2016 CIP until the final decision is made, with the direction that no TBD projects would be implemented prior to that decision.

Incorporating the changes mentioned above, the overall funded CIP changes from \$101,300,400 in the Preliminary CIP to \$104,422,800 in the Final CIP for the six-year period. A summary of the 2011-2016 CIP is included as Attachment A.

The attached resolution adopts the Final 2011-2016 CIP. The table below summarizes the proposed changes to the Preliminary 2011-2016 CIP:

	<b>6-Year Funded CIP</b>	<b>Unfunded CIP</b>	<b>Total CIP</b>
<b>Preliminary 2011-2016 CIP</b>	<b>101,300,400</b>	<b>430,520,000</b>	<b>531,820,400</b>
Changes in 2011 and 2012:			
Annual Street Preservation Program-One-Time Project	22,000	-	22,000
6th Street/Central Way Intersection Improvements	(1,602,000)	-	(1,602,000)
Kirkland ITS Implementation Phase I	2,043,000	-	2,043,000
Downtown Pedestrian Safety Improvements - Central Way	16,000	-	16,000
Totem Lake Boulevard Flood Control Measures	117,000	(1,136,200)	(1,019,200)
111th Avenue Non-Motorized/Emergency Access Connection	-	2,000,000	2,000,000
104th Avenue NE/NE 68th Street LWS Walk Route Enhancements	-	8,000	8,000
100th Avenue NE Bicycle Lanes	-	185,000	185,000
Kirkland Intelligent Transportation System Implement. Phase II	-	4,100,000	4,100,000
Annual Concurrency Street Improvements	50,000	(50,000)	-
Finance and HR System Modules	(40,500)	-	(40,500)
Local and Wide Area Networks	(200,000)	-	(200,000)
Local Emergency/Public Communication AM Radio	(119,100)	119,100	-
Eastside Rail Corridor Acquisition	5,000,000	-	5,000,000
Totem Lake Surface Water Opportunity Program	500,000	-	500,000
Forbes Creek Surface Water Opportunity Program	500,000	-	500,000
Totem Lake Area Development Opportunity Program	-	500,000	500,000
Neighborhood Connection Program	(200,000)	-	(200,000)
6th Street/Kirkland Way Traffic Signal	(564,000)	564,000	-
Central Way/Park Place Center Traffic Signal	(200,000)	200,000	-
Lake Washington Blvd/NE 38th Place Intersection Improv.	(500,000)	500,000	-
Central Way/4th Street Intersection Improvements	(31,000)	31,000	-
6th Street/4th Ave Intersection Improvements	(580,000)	580,000	-
NE 85th Street/124th Ave NE Intersection Improvements	(889,000)	889,000	-
<b>Subtotal Changes in 2011-2012</b>	<b>3,322,400</b>	<b>8,489,900</b>	<b>11,812,300</b>
Deferred to 2013:			
Local and Wide Area Networks	200,000	-	200,000
Neighborhood Connection Program	(400,000)	-	(400,000)
<b>Revised 2011-2016 CIP</b>	<b>104,422,800</b>	<b>439,009,900</b>	<b>543,432,700</b>

RESOLUTION R-4855

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF KIRKLAND ADOPTING THE 2011-2016 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 2011-2016; and

WHEREAS, the City Council adopted a two-year review cycle for the Six-Year Capital Improvement Program to be reflected in the 2011-2012 Budget;

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 the 2011-2016 Six-Year Capital Improvement Program including capital improvement projects as attached hereto and by this reference incorporated herein.

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 Six-Year Capital Improvement Program hereby adopted 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 7th day of December, 2010.

Signed in authentication thereof this 7th day of December, 2010.

\_\_\_\_\_  
Mayor

ATTEST:

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

**City of Kirkland  
Revised Preliminary 2011-2016 Capital Improvement Program**

**TRANSPORTATION PROJECTS**

**Funded Projects:**

Project Number	Project Title	Prior Year(s)	2011	2012	2013	2014	2015	2016	2011-2016 Total	Funding Sources				
										Current Revenue	Reserve	Debt	External Source	
ST 0006*	Annual Street Preservation Program		2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	15,000,000	12,424,000	2,576,000			
<b>ST 0006 001</b>	<b>Annual Street Presrvtn Prog.-One-Time Capital Purchase</b>		<b>500,000</b>						<b>500,000</b>		<b>500,000</b>			
<b>ST 0006 002</b>	<b>Annual Street Preservation Program-One-Time Project</b>			<b>1,122,000</b>					<b>1,122,000</b>				<b>1,122,000</b>	
ST 0080	Annual Striping Program		250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	1,500,000				
ST 8888*	Annual Concurrency Street Improvements			850,000	800,000	800,000	800,000	800,000	4,050,000	3,450,000	600,000			
ST 9999*	Regional Inter-Agency Coordination		40,000	40,000	40,000	40,000	40,000	40,000	240,000	240,000				
NM 0012	Crosswalk Upgrade Program		70,000		70,000		70,000		210,000	210,000				
NM 0057	Annual Sidewalk Maintenance Program		200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	1,200,000				
NM 0066	12th Avenue Sidewalk	370,000	102,000						102,000		102,000			
NM 0067	Elementary School Walk Route Enhancements	400,000	798,000						798,000	267,000	233,000		298,000	
<b>NM 0070</b>	<b>Eastside Rail Corridor Trail Acquisition</b>		<b>5,000,000</b>						<b>5,000,000</b>				<b>5,000,000</b>	
NM 8888*	Annual Non-Motorized Program				950,000	1,000,000	1,000,000	1,000,000	3,950,000	3,950,000			-	
TR 0078*	NE 85th St/ 132nd Ave NE Intersection Imprv (Phase I)	2,089,400		475,000					475,000	475,000				
TR 0080*	NE 85th St/124th Ave NE Intersection Improvements	1,543,300		144,000					144,000	144,000				
TR 0100*	6th Street/Central Way Intersection Improvements	1,050,000	970,000	1,000,000					1,970,000	200,000			1,770,000	
TR 0102	Growth & Transportation Efficiency Cntr (GTEC) Enh.	300,000	443,000						443,000				443,000	
<b>TR 0111</b>	<b>Kirkland ITS Implementation Phase I</b>		2,043,000						<b>2,043,000</b>		<b>243,000</b>		<b>1,800,000</b>	
<b>TR 0112</b>	<b>Downtown Pedestrian Safety Improvements - Central Way</b>		16,000						<b>16,000</b>				<b>16,000</b>	
TR 8888*	Annual Concurrency Traffic Improvements				140,000	140,000	140,000	140,000	560,000	560,000				
<b>Total Funded Transportation Projects</b>			<b>5,752,700</b>	<b>12,932,000</b>	<b>6,581,000</b>	<b>4,950,000</b>	<b>4,930,000</b>	<b>5,000,000</b>	<b>4,930,000</b>	<b>39,323,000</b>	<b>24,620,000</b>	<b>4,254,000</b>	<b>0</b>	<b>10,449,000</b>

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

Project Number	Project Title	Budget	Actual	Balance
NM 0066	12th Avenue Sidewalk	370,000	7,910	362,090
NM 0067	Elementary School Walk Route Enhancements	400,000	594	399,406
TR 0078*	NE 85th St/132nd Ave NE Intersection Imprv (Phase I)	2,089,400	373,418	1,715,982
TR 0080*	NE 85th St/124th Ave NE Intersection Improvements	1,543,300	260,049	1,283,251
TR 0100*	6th Street/Central Way Intersection Improvements	1,050,000	14,830	1,035,170
TR 0102	Growth & Transportation Efficiency Cntr (GTEC) Enh.	300,000	0	300,000
<b>Total Prior Year(s) Funding (Budget to Actuals):</b>		<b>5,752,700</b>	<b>656,801</b>	<b>5,095,899</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 Program Project Candidates
- Shaded year(s) = Previous timing
- Bold italics = New projects

**City of Kirkland**  
**Revised Preliminary 2011-2016 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
<b>ST 0057 001^</b>	<b>NE 120th Street Roadway Extension (East Section)</b>	<b>4,659,000</b>
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
<b>ST 0081</b>	<b>Totem Lake Area Development Opportunity Program</b>	<b>500,000</b>
NM 0001	116th Ave NE (So. Sect.) Non-Motorz'd Facil-Phase II	6,028,700
NM 0007	NE 52nd Street Sidewalk	1,068,600
NM 0024	Cross Kirkland Trail	6,107,400
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
<b>NM 0034 001</b>	<b>NE 100th St. at Spinney Homestead Park Sidewalk Ph. II</b>	<b>430,000</b>
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	573,100
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 0059^	6th Street Sidewalk	414,600
NM 0061	NE 104th Street Sidewalk	1,763,500
NM 0062	19th Avenue Sidewalk	814,200
NM 0063	Kirkland Way Sidewalk	414,500
<b>NM 0064 001</b>	<b>Park Lane Pedestrian Corridor Enhancements Phase II</b>	<b>1,300,000</b>
<b>NM 0068</b>	<b>104th Av NE/NE 68th St Lkvw Schl. Wlk. Rt. Enhncmnts</b>	<b>359,000</b>
<b>NM 0069</b>	<b>100th Ave NE Bicycle Lanes</b>	<b>185,000</b>
<b>Subtotal Unfunded ST and NM Projects</b>		<b>192,170,400</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 0083^	100th Ave NE/NE 132nd Street Intersection Improvement	2,991,000
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
<b>TR 0099</b>	<b>120th Ave/Totem Lake Way Intersection Improvements</b>	<b>2,845,500</b>
<b>TR 0103*</b>	<b>Central Way/4th Street Intersection Improvements</b>	<b>31,000</b>
<b>TR 0104*</b>	<b>6th Street/4th Ave Intersection Improvements</b>	<b>580,000</b>
<b>TR 0105*</b>	<b>Central Way/5th Street Intersection Improvements</b>	<b>564,000</b>
<b>TR 0106*</b>	<b>6th Street/7th Avenue Intersection Improvements</b>	<b>89,400</b>
<b>TR 0107*</b>	<b>Market Street/15th Avenue Intersection Improvements</b>	<b>564,000</b>
<b>TR 0108*</b>	<b>NE 85th Street/124th Ave NE Intersection Improvements</b>	<b>889,000</b>
<b>TR 0109*</b>	<b>Totem Lake Plaza/Totem Lake Blvd Intersection Imprv.</b>	<b>1,500,000</b>
<b>TR 0110*</b>	<b>Totem Lake Plaza/120th Ave NE Intersection Imprv.</b>	<b>1,500,000</b>
<b>TR 0111 001</b>	<b>Kirkland ITS Implementation Phase II</b>	<b>4,100,000</b>
<b>Subtotal Unfunded TR Projects</b>		<b>73,007,800</b>

<b>Total Unfunded Transportation (ST, NM, and TR) Projects</b>	<b>265,178,200</b>
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<b>Funding Available from Annual Programs for Candidate Projects</b>	<b>8,560,000</b>
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<b>Net Unfunded Transportation Projects</b>	<b>256,618,200</b>
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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  
 Bold italics = New projects  
 # = Projects to be funded with development-related revenues

**City of Kirkland  
Revised Preliminary 2011-2016 Capital Improvement Program**

**SURFACE WATER MANAGEMENT UTILITY PROJECTS**

**Funded Projects:**

Project Number	Project Title	Prior Year(s)	2011	2012	2013	2014	2015	2016	2011-2016 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 0051	Forbes Creek/KC Metro Access Road Culvert Enh.	232,200			733,700				733,700	689,700			44,000	
SD 0053	Forbes Creek/Coors Pond Channel Grade Controls	260,200		101,000	570,700	184,200			855,900	855,900				
SD 0058	Surface Water Sediment Pond Reclamation Phase II			115,400	603,200	114,200			832,800	832,800				
SD 0059+	Totem Lake Boulevard Flood Control Measures		117,000						117,000	0			117,000	
SD 0067	NE 129th Place/Juanita Creek Rockery Repair			115,500	223,300				338,800	338,800				
<b><i>SD 0072</i></b>	<b><i>Totem Lake Surface Water Opportunity Program</i></b>		<b><i>500,000</i></b>						<b><i>500,000</i></b>	<b><i>500,000</i></b>				
<b><i>SD 0073</i></b>	<b><i>Forbes Creek Surface Water Opportunity Program</i></b>		<b><i>500,000</i></b>						<b><i>500,000</i></b>	<b><i>500,000</i></b>				
SD 8888*	Annual Streambank Stabilization Program			57,700		165,800	300,000	311,900	835,400	835,400				
SD 9999*	Annual Storm Drain Replacement Program			922,600		923,800	474,000	350,000	2,670,400	2,670,400				
<b>Total Funded Surface Water Management Utility Projects</b>			<b>492,400</b>	<b>1,317,000</b>	<b>1,512,200</b>	<b>2,330,900</b>	<b>1,588,000</b>	<b>974,000</b>	<b>861,900</b>	<b>8,584,000</b>	<b>8,423,000</b>	<b>0</b>	<b>0</b>	<b>161,000</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 0048*	Cochran Springs / Lake Washington Blvd Crossing Enh	1,637,100
SD 0049#	Forbes Creek/108th Avenue NE Fish Passage Improvement	332,900
SD 0050#	NE 95th Street/126th Avenue NE Flood Control Measure	55,900
SD 0052^	Forbes Creek/Slater Avenue Embankment Stabilizator	139,700
SD 0054#	Forbes Creek/BNSFRR Fish Passage Improvement	424,200
SD 0055	Forbes Creek / 98th Avenue NE Riparian Planting	75,500
SD 0056^	Forbes Creek Ponds Fish Passage/Riparian Planting	213,000
SD 0061^	Everest Park Stream Channel/Riparian Enhancments	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 0537	Streambank Stabilization Program - NE 86th Street	640,200
<b>Subtotal Unfunded Surface Water Management Utility Projects</b>		<b>9,469,800</b>
<b>Funding Available from Annual Programs for Candidate Projects</b>		<b>3,505,800</b>
<b>Net Unfunded Surface Water Management Utility Projects</b>		<b>5,964,000</b>

Project Number	Project Title	Budget	Actual	Balance
SD 0051	Forbes Creek/KC Metro Access Road Culvert Enh	232,200	88,092	144,108
SD 0053	Forbes Creek/Coors Pond Channel Grade Control	260,200	84,147	176,053
<b>Total Prior Year(s) Funding (Budget to Actuals):</b>		<b>492,400</b>	<b>172,239</b>	<b>320,161</b>

Notes

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- # = Annual Storm Drain Replacement Program Project Candidates
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- Bold italics = New projects

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**WATER/SEWER UTILITY PROJECTS**

**Funded Projects:**

Project Number	Project Title	Prior Year(s)	2011	2012	2013	2014	2015	2016	2011-16 Total	Funding Source				
										Current Revenue	Reserve	Debt	External Source	
WA 0063+	Supply Station #3 Replacement/Transmission Main Addition			141,000					141,000	93,100			47,900	
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					937,000			937,000	937,000				
WA 0116*	132nd Av NE/NE 80th St Watermain Replacement			251,000	798,500	1,265,300			2,314,800	2,314,800				
WA 0121+	NE 109th Ave/106th Court NE Watermain Replacement			371,300					371,300	371,300				
WA 8888*	Annual Watermain Replacement Program						500,000	500,000	1,000,000	1,000,000				
WA 9999*	Annual Water Pump Station/System Upgrade Pgm						600,000	600,000	1,200,000	1,200,000				
SS 0056	Emergency Sewer Construction Program	1,400,000			1,400,000		1,400,000		4,200,000		4,200,000			
SS 0067*	NE 80th Street Sewermain Replacement (Phase II)			680,400	1,159,000	525,000			2,364,400	354,600		2,009,800		
SS 0076*	NE 80th Street Sewermain Replacement (Phase III)					334,600	1,627,500	1,879,700	3,841,800	576,300		3,265,500		
SS 8888*	Annual Sanitary Pipeline Replacement Program			886,000					886,000	886,000				
SS 9999*	Annual Sanitary Pump Station/System Upgrade Pgm			530,000					530,000	530,000				
<b>Total Funded Water/Sewer Utility Projects</b>			<b>0</b>	<b>1,450,000</b>	<b>2,859,700</b>	<b>3,407,500</b>	<b>3,061,900</b>	<b>4,177,500</b>	<b>2,979,700</b>	<b>17,936,300</b>	<b>8,413,100</b>	<b>4,200,000</b>	<b>5,275,300</b>	<b>47,900</b>

**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)	1,201,000
WA 0098	126th Ave NE/NE 83rd & 84th St/128th Ave NE Watermain Replcmnt	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 Replcmnt	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 Replcmnt	1,303,000
WA 0113	116th Ave NE/NE 70th-NE 80th St Watermain Replcmnt	2,858,000
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 Replcmnt	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 0134	5th Avenue S/8th Street S Watermain Replacement	1,420,000
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	584,000
WA 0140*	NE 80th Street Watermain Replacement (Phase II)	2,863,000
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 0063^	NE 53rd Street Sewermain Replacement	723,000
SS 0064^	7th Avenue South Sewermain Replacement	804,000
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 0073#	Rose Point Sewer Lift Station Replacement	1,811,000
SS 0077	West Of Market Sewermain Replacement	21,681,000
<b>Subtotal Unfunded Water/Sewer Utility Projects</b>		<b>83,303,900</b>
<b>Funding Available from Annual Programs for Candidate Projects</b>		<b>3,616,000</b>
<b>Net Unfunded Water/Sewer Utility Projects</b>		<b>79,687,900</b>

Notes

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**City of Kirkland  
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**PARK PROJECTS**

**Funded Projects:**

Project Number	Project Title	Prior Year(s)	2011	2012	2013	2014	2015	2016	2011-2016 Total	Funding Source				
										Current Revenue	Reserve	Debt	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	50,000	250,000	250,000				
PK 0087*	Waverly Beach Park Renovation	75,000	508,000	162,000					670,000	670,000				
PK 0113*	Spinney Homestead Park Renovation		62,000	338,000					400,000	400,000				
PK 0115*	Terrace Park Renovation				62,000	338,000			400,000	400,000				
PK 0119*	Juanita Beach Park Development	2,700,000		18,000	1,043,000				1,061,000	561,000			500,000	
PK 0121	Green Kirkland Forest Restoration Program		50,000	50,000	50,000	50,000	50,000	50,000	300,000	300,000				
PK 0124*	Snyder's Corner Park Site Development			75,000	13,000	355,000			443,000	443,000				
PK 0131	Park and Open Space Acquisition Program	1,071,000	118,000	118,000	118,000	118,000			472,000				472,000	
<b><i>PK 0132</i></b>	<b><i>General Park Renovation Program</i></b>						<b><i>669,000</i></b>	<b><i>696,000</i></b>	<b><i>1,365,000</i></b>	<b><i>1,365,000</i></b>				
<b>Total Funded Park Projects</b>			<b>3,846,000</b>	<b>888,000</b>	<b>811,000</b>	<b>1,336,000</b>	<b>861,000</b>	<b>769,000</b>	<b>796,000</b>	<b>5,461,000</b>	<b>4,389,000</b>	<b>100,000</b>	<b>0</b>	<b>972,000</b>

**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 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 0122 100	Community Recreation Facility Construction	42,000,000
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>Total Unfunded Park Projects</b>		<b>76,750,000</b>

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

Project Number	Project Title	Budget	Actual	Balance
PK 0087*	Waverly Beach Park Renovation	75,000	0	75,000
PK 0119*	Juanita Beach Park Development	2,700,000	754,137	1,945,863
PK 0131	Park and Open Space Acquisition Program	1,071,000	508,607	562,393
<b>Total Prior Year(s) Funding (Budget to Actuals):</b>		<b>3,846,000</b>	<b>1,262,744</b>	<b>2,583,256</b>

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**PUBLIC SAFETY PROJECTS**

**Funded Projects:**

Project Number	Project Title	Prior Year(s)	2011	2012	2013	2014	2015	2016	2011-2016 Total	Funding Source				
										Current Revenue	Reserve/ Prior Year	Debt	External Source	
PS 0062*	Defibrillator Unit Replacement		253,900						253,900	213,280			40,600	
PS 0065*+	Disaster Response Portable Generators		150,000						150,000				150,000	
PS 0066	Thermal Imaging Cameras Replacement			133,000					133,000	98,420			34,600	
PS 0067*	Dive Rescue Equipment Replacement				58,900				58,900	43,600			15,300	
PS 0071*	Self Contained Breathing Apparatus (SCBA)					305,500	316,100		621,600	460,000			161,600	
<b>Total Funded Public Safety Projects</b>			<b>0</b>	<b>403,900</b>	<b>133,000</b>	<b>58,900</b>	<b>305,500</b>	<b>316,100</b>	<b>0</b>	<b>1,217,400</b>	<b>815,300</b>	<b>0</b>	<b>0</b>	<b>402,100</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>

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**City of Kirkland  
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**GENERAL GOVERNMENT PROJECTS**

**Funded Projects:**

Project Number	Project Title	Prior Year(s)	2011	2012	2013	2014	2015	2016	2011-2016 Total	Funding Source			
										Current Revenue	Reserve/Prior Year	Debt	External Source
<b>TECHNOLOGY</b>													
GG 0006 100*	Geographic Information Systems		150,000	212,200	294,600	327,100	304,100	291,000	1,579,000	1,579,000			
GG 0006 160*	Finance and HR System Modules		121,100	119,000	135,600	153,000	171,600	191,200	891,500	891,500			
<b>GG 0006 205</b>	<b>Municipal Court Technology Projects</b>		<b>25,000</b>	<b>25,000</b>					<b>50,000</b>	<b>50,000</b>			
GG 0006 300*	Local and Wide Area Networks		253,100	723,300	854,900	277,500	440,400	667,800	3,217,000	3,217,000			
GG 0006 301*	Disaster Recovery System Improvement	150,000			64,300	166,300			230,600	230,600			
GG 0006 702*+	Maintenance Management System Upgrade			250,000					250,000	89,400	160,600		
<b>FACILITIES</b>													
GG 0008*	Electrical, Energy Management & Lighting Systems			54,400	24,500	38,000	64,700	16,700	198,300		198,300		
GG 0009*	Mechanical/HVAC Systems Replacements		40,000	6,800	23,100	151,400	15,000	18,500	254,800		254,800		
GG 0010*	Painting, Ceilings, Partition & Window Replacements		69,200	59,400	19,600	60,600	283,400	238,200	730,400		730,400		
GG 0011*	Roofing, Gutter, Siding and Deck Replacements				9,200	649,300	4,400	2,000	664,900		664,900		
GG 0012*	Flooring Replacements		39,300	27,100	16,000	64,500	50,500	22,600	220,000		220,000		
GG 0035	City Hall & Public Safety Expansion	10,342,000	11,632,800	11,981,800					23,614,600			23,614,600	
<b>Total Funded General Government Projects</b>		<b>10,492,000</b>	<b>12,330,500</b>	<b>13,459,000</b>	<b>1,441,800</b>	<b>1,887,700</b>	<b>1,334,100</b>	<b>1,448,000</b>	<b>31,901,100</b>	<b>6,057,500</b>	<b>2,229,000</b>	<b>23,614,600</b>	<b>0</b>

<b>Available Current Revenue Per Year</b>	886,720	1,001,580	1,056,400	1,206,400	1,347,500	1,401,400	6,900,000
<b>Other Funding Sources</b>	148,500	308,300	92,400	963,800	418,000	298,000	25,843,600
<b>Under/(Over) Annual Funding Limit Per Year</b>	337,520	(167,320)	(293,000)	282,500	431,400	401,400	32,743,600
<b>Cumulative Year End Available Balance</b>	337,520	170,200	(122,800)	159,700	591,100	992,500	842,500

**Unfunded Projects:**

Project Number	Project Title	Total
GG 0006 125	Standard Reporting Tool	135,000
GG 0006 130	Customer Relationship Management System	414,000
GG 0006 203	Police CAD & RMS System Replacement	1,400,000
GG 0006 207	Police ProAct Unit NCIC Handheld Computers	52,000
GG 0006 302"	Help Desk Clientele System Replacement	75,000
GG 0006 401	Utility Billing/Cashiering System Replacement	491,700
GG 0006 402	Financial System Replacement	1,500,000
GG 0006 701	Fleet Management Systems Replacement	80,000
GG 0006 702"	Maintenance Management System Upgrade	250,000
GG 0006 801	Parks Work Order System	55,000
GG 0006 803"	Recreation Registration System Replacement	83,000
GG 0006 804	Wireless in the Parks Expansion	335,000
GG 0037 002	Maintenance Center Expansion - Phase 2	15,000,000
<b>Total Unfunded General Government Projects</b>		<b>19,870,700</b>

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

Project Number	Project Title	Budget	Actual	Balance
GG 0006 301	Disaster Recovery System Improvements	150,000	148,965	1,035
GG 0035	City Hall & Public Safety Expansion	10,342,000	25,807	10,316,193
<b>Total Prior Year(s) Funding (Budget to Actuals):</b>		<b>10,492,000</b>	<b>174,772</b>	<b>10,317,228</b>

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