



CITY OF KIRKLAND
Department of Finance & Administration
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MEMORANDUM

To: Kurt Triplett, City Manager

From: Tracey Dunlap, Deputy City Manager
Tom Mikesell, Financial Planning Manager
Neil Kruse, Senior Financial Analyst

Date: November 5, 2015

Subject: 2015 to 2020 Capital Improvement Program

RECOMMENDATION:

City Council continues discussion and provides direction for finalizing the 2015-2020 Capital Improvement Program (CIP), which is scheduled to be adopted with the 2015-2016 Mid-Biennial Budget Adjustments at the December 8th City Council meeting.

BACKGROUND:

The Council was presented with the Preliminary 2015-2020 CIP at the July 21, 2015 and August 3, 2015 study sessions and held a public hearing on September 1, 2015. The following changes to the Preliminary 2015-2020 CIP include those identified by staff in the September memo and Council direction in that meeting. As discussed in the September memo, projects were analyzed and adjusted to align with the Transportation Master Plan (TMP), subarea plans, Capital Facilities Plan, and other efforts. Additional events have also resulted in changes, all of which are summarized as follows:

TRANSPORTATION

Previously Identified/Council Directed:

- **Finn Hill Emergency Vehicle Access Connection (ST 0086)** — Project has been moved from funded back to the unfunded list as called for in R-5163.
- **Cross Kirkland Corridor Connection – NE 52nd Street Sidewalk (NM 0007 000)** — Project was moved from unfunded to funded as a result of a grant award of \$1,036,900. Project name was changed to more accurately reflect the nature of the project and the cost was increased from \$1,086,000 to \$1,136,900 as a result of refined project estimates and to account for grant-ineligible expenses. Since the last meeting, a City match of \$100,000 has been identified and is recommended to be funded from REET 2 reserves.
- Juanita Drive Corridor projects were analyzed and re-structured to optimize external funding opportunities as follows:
 - **Juanita Drive Multi-Modal (On-Street) Improvements (NM 0112)** — Funded project re-numbered to NM 0090 001 to tie to other Juanita Drive projects; project amount remains \$500,000.
 - **Juanita Drive Bicycle & Pedestrian Improvements (NM 090 100)** — Unfunded project added (\$10,650,000).
 - **Juanita Drive Auto Improvements (ST 0089)** — Unfunded project added (\$6,600,000).
- **Rose Hill Pedestrian Path (NM 0116)**—Project added for acquisition/development of pedestrian path in the South Rose Hill neighborhood to improve connectivity up to maximum funding of \$100,000, funded from REET 1 Reserves.

Subsequent Changes:*Funded*

- **Annual Street Preservation Program One-time Project** (ST 0006 002) – Project for paving to complete the 85th Street Corridor projects increased from \$1,469,000 to \$1,622,000 per memo to Council on September 1st. Funding is \$1,122,000 from a federal grant and \$500,000 from the Street Preservation Program projects.
- **100th Avenue NE Roadway Improvements** (ST 0083 102) – Project cost increased from \$5,000,000 to \$10,485,000. The original budget was for phase 1 only. The full estimated project costs are being used to align with the Transportation Master Plan and the City's Capital Facilities Plan documents; external funding will be sought in conjunction with the completion of the project's design phase (ST 0083 101).
- **Citywide School Walk Route Enhancements** (NM 0087) – Added funding of \$500,000 from REET 1 Reserves in 2016 to prepare for responding to Lake Washington School District's recently completed new school walk route plan.
- **Sound Transit 3 Project Study** (PT 0001 100) – New project funded from REET 1 reserves as approved by City Council at the September 15th Council meeting to study the implications of proposed Sound Transit 3 projects in Kirkland, develop and analyze alternatives, and advance the City's interest with regard to Sound Transit 3 investments (\$250,000).

Unfunded

A substantial effort was undertaken after completion of the Transportation Master Plan (TMP) and impact fee rate study to align with the projects in the CIP and Capital Facilities Plan (CFP). The project changes summarized below reconcile the 20-year TMP project assumptions with the funded and unfunded CIP lists, excluding major unfunded projects that fall outside the 20-year period and would only be completed with substantial external revenue.

- **120th Avenue NE Roadway Improvements** (ST 0063) – Project scope reduced from 5-lane to 3-lane minimizing the need for property acquisition. Project cost reduced from \$8,988,500 to \$4,500,000 based on the modified scope.
- **NE 120th Street Roadway Improvements (West Section)** (ST 0072) – Project cost increased from \$5,870,000 to \$15,780,600 due to an enhanced scope consistent with the Cross Kirkland Corridor Master Plan and resultant updated cost estimate.
- **Crosswalk Upgrade Program** (NM 0012 999) – New unfunded project to provide crosswalk improvements such as pedestrian flashing beacons, improved lighting or traffic islands at uncontrolled crosswalks as well as improvements for pedestrian safety at signalized intersections (\$4,100,000).
- **CKC to Redmond Central Connector** (NM 0081) – Project description changed with a new scope to eliminate the need for property acquisition; project costs changed from \$3,656,000 to \$1,500,000 due to scope modification.
- **Cross Kirkland Roadway Crossings** (NM 0086 003) – New unfunded project for additional crossings for the Cross Kirkland Corridor (\$3,370,000).
- **City Greenway Network** (NM 113 999) – New unfunded projects for completion of the City Greenways Network (\$4,450,000).
- **On-Street Bicycle Network** (NM 8888 100) – New unfunded project to add and improve bicycle facilities (\$4,400,000).
- **Sidewalk Completion Project** (NM 9999 100) – New unfunded project to complete sidewalk improvements on one side of school walk routes, principal arterials and in top two categories of 10-minute neighborhoods. (\$6,096,800).
- **100th Avenue NE/NE 132nd Street Intersection Improvements** (TR 0083) – Project cost corrected from \$3,178,100 to \$3,201,000.

- **NE 124th St/124th Ave NE Intersection Improvements** (TR 0091) – Project cost decreased from \$3,503,300 to \$1,598,000. Original budget estimate included an assumption of specific improvements required of an active railroad crossing, i.e., Burlington Northern Railroad, which is no longer the case since the City has acquired the property as the CKC. In addition, project cost estimates were recently updated in conjunction with a grant application process.
- **NE 116th Street/124th Ave NE Northbound Dual Left Turn Lanes** (TR 0092) – Project cost reduced from \$1,717,000 to \$1,375,000 due to revised cost estimates in conjunction with a grant application process.
- **Kirkland ITS Implementation Phase II and Phase IIB** (TR 0111 001 and TR 0111 002) – Projects have been deleted as an outcome of consolidation efforts on all ITS (Intelligent Transportation System) projects as well as the awaiting of an outcome of a new ITS study set for 2017 (\$1,189,000 and \$2,644,000).
- **Slater Avenue NE (132nd Avenue NE)/NE 124th Street** (TR 0123) – New unfunded projects to improve level of service at this intersection (\$2,124,000).
- **116th Avenue NE/NE 124th Street Intersection Improvements** (TR 0124) – New unfunded projects to improve level of service at this intersection (\$1,081,000).
- **Intelligent Transportation System (ITS) Improvements Phase IV** (TR 0125) – New unfunded project as a placeholder for future ITS improvements that will be an outcome of the completion of an ITS Study in 2017 (\$2,620,000).

The preliminary CIP summarized CIP projects in three categories: funded in the first six years, unfunded within year 7-20 funding, and unfunded that would only occur with substantial new/external funding. The following projects fall outside the 20-year TMP window and are included in the third category:

- **132nd Avenue NE Roadway Improvements** (ST 0056) \$25,170,000
- **NE 130th Street Roadway Improvements** (ST 0062) \$10,000,000
- **124th Avenue NE Roadway Extension** (ST 0064) \$30,349,000
- **120th Avenue NE Roadway Extension** (ST 0073) \$16,392,000

As a result of aligning projects as mentioned earlier, two projects previously in the new/external funding category were moved to the unfunded within year 7-20 category:

- **124th Avenue NE Roadway Improvements** (ST 0059) \$10,000,000 and
- **Cross Kirkland Non-Motorized Improvements** (NM 0086) – Project cost was also reduced from \$80,400,000 to \$65,742,000 due to an assessment of overlap with other CKC-specific projects, such as the Cross Kirkland Roadway Crossings.

		6-Year Funded CIP	Unfunded Future City Revenues	Unfunded External/New Revenue	Total CIP
Preliminary 2015-2020 Transportation CIP Update		95,592,200	130,077,900	172,311,000	397,981,100
ST 0086	Finn Hill Emergency Vehicle Access Connection	(900,000)	900,000		-
NM 0007	Cross Kirkland Corridor Connection-NE 52nd Street Sidewalk	1,136,900	(1,086,000)		50,900
NM 0112 000	Juanita Drive Multi-Modal (On-Street) Improvements	(500,000)			(500,000)
NM 0090 001	Juanita Drive Multi-Modal (On-Street) Improvements	500,000			500,000
NM 0090 100	Juanita Drive Bicycle & Pedestrian Improvements		10,650,000		10,650,000
ST 0089	Juanita Drive Auto Improvements		6,600,000		6,600,000
NM 0116	Rose Hill Pedestrian Path	100,000			100,000
ST 0006 002	Annual Street Preservation Program One-time Project	153,000			153,000
ST 0083 102	100th Ave NE Roadway Improvements	5,485,000			5,485,000
NM 0087	Gtywide School Walk Route Enhancements	500,000			500,000
PT 0001 100	Sound Transit 3 Project Study	250,000			250,000
ST 0063	120th Avenue NE Roadway Improvements		(4,488,500)		(4,488,500)
ST 0072	NE 120th St Roadway Improvements (West Section)		9,910,600		9,910,600
NM 0012-999	Crosswalk Upgrade program		4,100,000		4,100,000
NM 0081	CKC to Redmond Central Connector		(2,156,000)		(2,156,000)
NM 0086 003	Cross Kirkland Corridor Roadway Crossings		3,370,000		3,370,000
NM 0113 999	Gtywide Greenway Network		4,450,000		4,450,000
NM 8888 100	On-street Bicycle Network		4,400,000		4,400,000
NM 9999 100	Sidewalk completion program		6,096,800		6,096,800
TR 0083	100th Ave NE/NE 132nd Street Intersection Improvements		22,900		22,900
TR 0091	NE 124th St/124th Ave NE Intersection Improvements		(1,905,300)		(1,905,300)
TR 0092	NE 116th St/124th Ave NE N-bound Dual Lft Turn Lanes		(342,000)		(342,000)
TR 0111 001	Kirkland ITS Implementation Phase II		(1,189,000)		(1,189,000)
TR 0111 002	Kirkland ITS Implementation Phase IIB		(2,644,000)		(2,644,000)
TR 0123	Slater Avenue NE (132nd Avenue NE)/NE 124th Street		2,124,000		2,124,000
TR 0124	116th Avenue NE/NE 124th Street Intersection Improvements		1,081,000		1,081,000
TR 0125	Kirkland ITS Implementation Phase 4		2,620,000		2,620,000
ST 0059	124th Avenue NE Roadway Improvements (North Section)		10,000,000	(10,000,000)	-
NM 0086	Cross Kirkland Corridor Non-Motorized Improvements		65,742,000	(80,400,000)	(14,658,000)
Subtotal Changes to Preliminary 2015-2020 Transportation CIP		6,724,900	118,256,500	(90,400,000)	34,581,400
Proposed 2015-2020 Transportation CIP		102,317,100	248,334,400	81,911,000	432,562,500

PARKS

Previously Identified/Council Directed:

- **Juanita Heights Park Expansion** (PK 00135 200) — Project was added for land acquisition adjacent to Juanita Heights Park, funded from REET 1 Reserves (\$200,000).
- **Dock Renovations** (PK 0125) — Project has been removed from the unfunded list since a similar project exists as PK 0133 100.
- **Dock & Shoreline Renovations** (PK 0133 100) — Funded project has been revised to include \$2 million of unfunded cost in future years based on the engineer's estimate of future dock renovation needs in the Parks, Recreation and Open Space Plan. In addition, \$75,000 from the funded 2015 project has been reallocated to fund dock repairs as part of the Waverly Beach Park Renovation (CPK 0087 100).

Subsequent Change:

Funded

- **Waverly Beach Park Renovation** (PK 0087 100) – Project cost increased from \$1,334,500 to \$1,557,015 as a result of recent bid results. Funded from shifting \$75,000 of Park Levy funding from Dock & Shoreline Renovations projects mentioned previously and use of \$38,500 from REET 1 reserves. Also includes funding adjustments in external donations (reduced by \$16,000), use of General Fund Park reserves (\$25,000), and as detailed in the funding request memo in the March 3, 2015 Council meeting, use of funding from Playground Replacement PK 066 project (\$100,000).
- **Peter Kirk Pool Liner Replacement** (PK 0123 100) – New funded project to replace pool liner, which is at the end of its useful life, funded from REET 1 reserves (\$125,000).

		6-Year Funded CIP	Unfunded Future City Revenues	Unfunded External/New Revenue	Total CIP
Preliminary 2015-2020 Parks CIP		21,441,500	58,825,000	67,000,000	147,266,500
PK 0135 200	Juanita Heights Park Expansion	200,000			200,000
PK 0125 000	Dock Renovations		(250,000)		(250,000)
PK 0133 100	Dock & Shoreline Renovations	(75,000)	2,000,000		1,925,000
PK 0087 100	Waverly Beach Park Renovations	222,515			222,515
PK 0123 100	Peter Kirk Pool Liner Replacement	125,000			125,000
Subtotal Changes to Preliminary 2015-2020 Parks CIP		472,515	1,750,000	-	2,222,515
Proposed 2015-2020 Parks CIP		21,914,015	60,575,000	67,000,000	149,489,015

PUBLIC SAFETY

Previously Identified/Council Directed:

- **Emergency Generators (PS 0080)** — One generator per biennium for a total of 3 in the 6-year CIP have been added at a total cost of \$180,000 funded by General Fund contributions.

Stocking containers at two Community Points of Distributions (CPOD) per year is presented as a mid-biennial budget adjustment in the General Fund operating budget.

Subsequent Changes:

Funded

- **Power Cots (PS 0078)** – Project cost increased from \$71,400 to \$234,300 due to adjusting the number purchased from two to six in order to equip all of the City’s front line aid cars. Added funding from King County EMS Levy of \$95,800 which has recently become available and the balance from the Fire Equipment Sinking Fund Reserve.
- **Fire Strategic Plan Implementation Station Improvements** was changed to **Fire Station 27 Property Acquisition (PS 3003)** – Project cost was increased from \$1,013,000 to \$2,500,000 to allow purchase of property for new station 27 as called for in R-5163. Additional project funding is a combination of repurposing funding from moving the Finn Hill Emergency Vehicle Access project (CST 0086) to unfunded (\$900,000) and recommendation of additional use of REET 1 reserves (\$772,153) as a net amount to re-balance fire station projects. Final property acquisition costs may be higher or lower than this amount depending on which final properties are identified.

FACILITIES

Previously Identified/Council Directed:

- **City Hall Renovations (GG 0035 100)** — Project cost increased by \$750,000 for seismic improvements, funded from increasing the planned debt issuance as approved by Council at the September 1st meeting.
- **City Hall South Lot parking facility – (TR-0118)** – Council previously allocated \$600,000 for “general parking lot improvements”, particularly at the South Lot of City Hall. Final estimates for the cost of developing the South Lot were not available at the time this memo was drafted but will be available at the November 17 Council meeting.

Subsequent Changes:

Funded

- **Facilities Life Cycle Projects (GG 008, 09, 10, 12)** – Net reduction of \$95,400 is a housekeeping adjustment to reflect actual planned 2015 life cycle projects.
- **City Hall Furnishings** project numbering revised from GG 0035 101 to GG 035 201 to align with revised project phasing plan.
- The following projects that relate to the City Hall Renovation, and are separately funded as discussed in previous City Hall briefings, have been added:

- **Council Chamber/Lobby Furnishings** (GG 035 202) – Project added to purchase furnishings for the Council Chamber, lobby and Customer Service area funded from Facilities reserves (\$180,000).
- **City Hall Lower Level Demolition** (GG 0035 300) – Project added for demolition work performed under a job order contract (JOC) in the former Police Department area on the lower level of City Hall funded from Facilities rental property reserves (\$68,000).

*TECHNOLOGY***Subsequent Change:***Unfunded*

- **Business Intelligence/Standard Reporting Tool** (IT 0602) – Project cost increased from \$78,400 to \$132,200 based on revised cost estimates.

		6-Year Funded CIP	Unfunded Future City Revenues	Unfunded External/New Revenue	Total CIP
Preliminary 2015-2020 Public Safety, IT & General Gov't CIP		32,123,400	2,554,000	42,693,700	77,371,100
PS 0080	Emergency Generators	180,000			180,000
PS 0078	Power Cots	162,900			162,900
PS 3003	Fire Strategic Plan Implementation Station Improvements	(1,013,000)			(1,013,000)
PS 3003	Fire Station 27 Property Acquisition	2,500,000			2,500,000
GG 0035 100	City Hall Renovations	750,000			750,000
GG 0008	Electrical, Energy Management & Lighting Systems	(11,600)			(11,600)
GG 0009	Mechanical/HVAC Systems Replacements	(37,000)			(37,000)
GG 0010	Painting, Ceilings, Partition & Window Replacements	(26,500)			(26,500)
GG 0012	Flooring Replacements	(20,300)			(20,300)
GG 0035 202	Council Chamber/Lobby Furnishings	180,000			180,000
GG 0035 300	City Hall Lower Level Demolition	68,000			68,000
IT 0602	Business Intelligence/Standard Reporting Tool		53,800		53,800
total Changes to Preliminary 2015-2020 Public Safety, IT & General Gov't CIP		2,732,500	53,800	-	2,786,300
Proposed 2015-2020 Public Safety, IT & General Gov't CIP		34,855,900	2,607,800	42,693,700	80,157,400

The following changes to utility projects were identified since the last meeting:

SURFACE WATER

Staff is currently reconciling the projects in the proposed CIP with those in the Surface Water Master Plan; recommended shifts in project amounts and/or timing will be brought forward during the review of the CIP in 2016.

Unfunded

- **132nd Square Park Stormwater Retrofit** (SD 0107) – New project to provide water quality treatment, flow control and infiltration at 132nd Square Park (\$4,510,000). This project will implement one of the two projects identified in the Totem Lake/Juanita Creek Basin Stormwater Retrofit Conceptual Design. A grant application has been submitted, but results won't be known until next spring. This project will be coordinated with a park project for field renovations (PK 0134).

		6-Year Funded CIP	Unfunded CIP	Total CIP
Adopted 2015-2020 Surface Water Preliminary CIP		13,600,900	17,257,000	30,857,900
SD 0107	132nd Square Park Stormwater Retrofit		4,510,000	4,510,000
Subtotal Changes to Preliminary 2015-2020 Surface Water CIP		-	4,510,000	4,510,000
Proposed 2015-2020 Surface Water CIP		13,600,900	21,767,000	35,367,900

*WATER/SEWER**Funded*

- **Kirkland Way Watermain Replacement** (WA 0161) – Project cost increased from \$310,000 to \$400,000 due to revised estimates.

- **2nd Street South Watermain Replacement (WA 0163)** – New project to replace approximately 400 feet of pipe (\$290,000). The project will be designed and constructed in tandem with an ongoing (2015) sewermain replacement project occurring in the same street.
- **Annual Watermain Replacement Program (WA 8888)** – Annual placeholder program budget adjusted from \$549,400 to \$359,400 to balance 6-year CIP program with projected revenues.
- **Annual Water Pump Station/System Upgrade Program (WA 9999)** – Annual placeholder program budget adjusted from \$549,400 to \$359,400 to balance 6-year CIP program with projected revenues.

		6-Year Funded CIP	Unfunded Future City Revenues	Unfunded External/New Revenue	Total CIP
Preliminary 2015-2020 Water/Sewer CIP		32,924,600	42,780,000	21,681,000	97,385,600
WA 0161	Kirkland Way Watermain Replacement	90,000			90,000
WA 0163	2nd Street South Watermain Replacement	290,000			290,000
WA 8888	Annual Watermain Replacement Program	(190,000)	190,000		-
WA 9999	Annual Water Pump Station/System Upgrade Pgm	(190,000)	190,000		-
Subtotal Changes to Preliminary 2015-2020 Water/Sewer CIP		-	380,000	-	380,000
Proposed 2015-2020 Water/Sewer CIP		32,924,600	43,160,000	21,681,000	97,765,600

Funding Change Summary

The preliminary CIP identified REET reserves that were un-programmed and available toward additional projects. Since that time, REET revenues in 2015 have come in higher than budget due to the strong real estate market. The table below summarizes the proposed additional uses of these revenues in the final CIP.

2015-2020 CIP Funding Additions

REET 1 Reserves		
Unprogrammed Resources Identified in Preliminary CIP		4,872,384
Additional 2015 Revenue Estimated		1,789,500
Subsequent Uses		
PT 0001 100	Sound Transit 3 Project Study	250,000
NM 0087	Citywide School Walk Route Enhancements	500,000
NM 0116	Rose Hill Pedestrian Path	100,000
PK 0087 100	Waverly Beach Park Renovations	38,515
PK 0123 100	Peter Kirk Pool Liner Replacement	125,000
PK 0135 200	Juanita Heights Park Property Acquisition	200,000
PS 3003	Fire Station 27 Property Acquisition	772,153
Subtotal Additional REET 1 Reserves Use		1,985,668
Revised REET 1 Reserve Balance		4,676,216
REET 2 Reserves		
Unprogrammed Resources Identified in Preliminary CIP		-
Additional 2015 Revenue Estimated		1,789,500
Subsequent Uses		
NM 0073	JFK Non-motorized Program (2013-14 CIP)	30,000
NM 0007	Cross Kirkland Corridor Connection-NE 52nd St Sidewalk	100,000
NM 0087	Citywide School Walk Route Enhancements	500,000
Subtotal REET 2 Reserves Use		630,000
Revised REET 2 Reserve Balance		1,159,500

The revised category balances are recommended to remain in the REET reserve balance to be available for future projects, especially those related to public safety, when the CIP is updated in the spring of 2016.

Summary/Next Steps

The overall funded CIP total is \$205,612,515 for the six-year period. A summary of the proposed CIP reflecting the changes detailed in this memo is included as Attachment A. Unless otherwise directed, this reflects the Final 2015-2020 CIP that will be brought forward at the December 8th City Council meeting for adoption. The Council will also adopt the Capital Facilities Plan and Comprehensive Plan at this meeting.

Proposed 2015-2020 Capital Improvement Program

	6-year Funded CIP	Unfunded Future City Revenues	External/New Revenues	Total CIP
Transportation	102,317,100	248,334,400	81,911,000	432,562,500
Parks	21,914,015	60,575,000	67,000,000	149,489,015
Public Safety	10,902,600	369,100	42,693,700	53,965,400
General Government				
Technology	7,765,700	2,238,700	-	10,004,400
Facilities	16,187,600	-	-	16,187,600
Subtotal	159,087,015	311,517,200	191,604,700	662,208,915
Surface Water Mgmt	13,600,900	21,767,000	-	35,367,900
Water/Sewer	32,924,600	43,160,000	21,681,000	97,765,600
Utilities Subtotal	46,525,500	64,927,000	21,681,000	133,133,500
Grand Total Proposed CIP	205,612,515	376,444,200	213,285,700	795,342,415
Preliminary CIP	195,682,600	251,493,900	303,685,700	750,862,200
Difference	9,929,915	124,950,300	(90,400,000)	44,480,215

Unfunded Projects Requiring Debt or External Financing Contributions		
Transportation		
ST 0056	132nd Avenue NE Roadway Improvements	25,170,000
ST 0062	NE 130th Street Roadway Improvements	10,000,000
ST 0064	124th Avenue NE Roadway Extension	30,349,000
ST 0073	120th Avenue NE Roadway Extension	16,392,000
	Transportation Subtotal	81,911,000
Public Safety		
PS 3002-3007	Fire Station Modernization Projects	42,693,700
	Public Safety Subtotal	42,693,700
Parks		
PK 0122 100	Community Recreation Facility Construction	67,000,000
	Parks Subtotal	67,000,000
Utilities		
SS 0077	West Of Market Sewermain Replacement	21,681,000
	Utilities Subtotal	21,681,000
Total All Programs		213,285,700

An update to the "Suggest A Project" program is included as Attachment B.

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	Street 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	1,421,500						1,421,500						500,000	921,500
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 Avenue NE Roadway Design		1,065,200	2,144,000					3,209,200	45,000			544,200			2,620,000
ST 0083 102	100th Avenue NE Roadway Improvements						5,000,000	5,485,000	10,485,000	607,000			1,375,000	80,000	56,000	8,367,000
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 0007+	Cross Kirkland Corridor Connection-NE 52nd Street Sidewalk			682,000	454,900				1,136,900						100,000	1,036,900
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	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	7,300,000			11,360,000	826,000			3,276,800			7,257,200
NM 0087+	Citywide School Walk Route Enhancements			1,000,000	864,200	869,000	450,000	400,000	3,583,200	363,000	450,000		348,200	1,572,000	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 0090 001+	Juanita Drive Multi-Modal (On-Street) Improvements							500,000	500,000	75,000					200,000	
NM 0092	Active Transportation Plan Update				75,000				75,000	75,000						
NM 0095	124th Avenue NE Sidewalk Improvements			420,000	630,000				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				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	300,000	100,000			100,000	100,000		
NM 0113	Citywide Greenways Networks							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		
NM 0116	Rose Hill Pedestrian Path		100,000						100,000					100,000		
PT 0001 000	Citywide Transit Study		-		300,000				300,000	150,000		150,000		-		
PT 0001 100	Sound Transit 3 Project Study		250,000						250,000	-				250,000		
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	10,742,300	28,615,500	18,672,300	17,653,000	12,861,000	13,773,000	102,317,100	20,444,600	15,863,000	10,360,000	2,400,000	8,461,000	44,788,500

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TRANSPORTATION PROJECTS

Unfunded Projects in the Transportation Master Plan:

Project Number	Project Title	Total
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 0063	120th Avenue NE Roadway Improvements	4,500,000
ST 0072	NE 120th Street Roadway Improvements (West Section)	15,780,600
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 0086	Finn Hill Emergency Vehicle Access Connection	900,000
ST 0089	Juanita Drive Auto Improvements	6,600,000
NM 0001	116th Ave NE (So. Sect.) Non-Motorz'd Facil-Phase II	3,378,000
NM 0012 999	Crosswalk Upgrade Program	4,100,000
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
NM 0047	116th Avenue NE Sidewalk (South Rose Hill)	840,000
<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
<i>NM 0081</i>	<i>CKC to Redmond Central Connector</i>	<i>1,500,000</i>
<i>NM 0086</i>	<i>Cross Kirkland Corridor Non-motorized Improvements</i>	<i>65,742,000</i>
NM 0086-003	CKC Roadway Crossings	3,370,000
<i>NM 0088</i>	<i>NE 124th Street Sidewalk</i>	<i>376,000</i>
NM 0090-100	Juanita Drive Bicycle and Pedestrian Improvements	10,650,000
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
NM 0113 999	Citywide Greenway Network	4,450,000
NM 8888 100	On-street Bicycle Network	4,400,000
NM 9999 100	Sidewalk completion program	6,096,800
Subtotal Unfunded ST and NM Projects		203,972,400

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>3,201,000</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	1,598,000
TR 0092	NE 116th St/124th Ave NE N-bound Dual Lft Turn Lanes	1,375,000
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 0114	Slater Avenue NE Traffic Calming - Phase I	247,000
TR 0123	Slater Avenue NE (132nd Avenue NE)/NE 124th Street	2,124,000
TR 0124	116th Avenue NE/NE 124th Street Intersection Improvements	1,081,000
TR 0125	Kirkland ITS Implementation Phase 4	2,620,000
Subtotal Unfunded PT/TR Projects		44,362,000
Total Unfunded Transportation Master Plan (ST, NM, TR, and PT) Projects		248,334,400

Unfunded Projects Outside of the Transportation Master Plan:

Project Number	Project Title	Total
ST 0056	132nd Avenue NE Roadway Improvements	25,170,000
ST 0062	NE 130th Street Roadway Improvements	10,000,000
ST 0064	124th Avenue NE Roadway Extension	30,349,000
ST 0073	120th Avenue NE Roadway Extension	16,392,000
Subtotal Unfunded Transportation Projects Outside of Master Plan		81,911,000
Total Unfunded Transportation Projects		330,245,400

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= Projects to be funded with development-related revenues

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
<i>SD 0047</i>	<i>Annual Replacement of Aging/Failing Infrastructure</i>		200,000		200,000	200,000	200,000	200,000	1,000,000	1,000,000			
<i>SD 0048</i>	<i>Cochran Springs / Lake Washington Blvd Crossing Enh.</i>	520,000	971,500	478,500					1,450,000	1,450,000			
<i>SD 0049+</i>	<i>Forbes Creek/108th Ave NE Fish Passage Imp</i>						230,400	179,600	410,000	410,000			
<i>SD 0063+</i>	<i>Everest Creek - Slater Ave at Alexander St</i>							360,000	360,000	360,000			
<i>SD 0067</i>	<i>NE 129th Place/Juanita Creek Rockery Repair</i>	115,500	370,000						370,000	132,100			237,900
<i>SD 0076</i>	<i>NE 141st Street/111th Avenue NE Culvert Repair</i>	181,500		76,100	683,900				760,000	760,000			
<i>SD 0077</i>	<i>Goat Hill Storm Drainage Repair</i>	153,700	168,000	672,000					840,000	840,000			
<i>SD 0078</i>	<i>Billy Creek Ravine Stabilization Phase II</i>	87,600	43,000	187,000					230,000	230,000			
<i>SD 0081</i>	<i>Neighborhood Drainage Assistance Program (NDA)</i>		50,000		50,000		50,000		150,000		150,000		
<i>SD 0084+</i>	<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			50,000	50,000	50,000	50,000	50,000	250,000	250,000		250,000	
SD 0106	CKC Surface Water Drainage at Crestwoods Park Permitting Study		40,000						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
<i>SD 8888</i>	<i>Annual Streambank Stabilization Program</i>		44,200						44,200	44,200			
<i>SD 9999</i>	<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

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SURFACE WATER MANAGEMENT UTILITY PROJECTS

Unfunded Projects:

Project Number	Project Title	Total
SD 0045	Carillon Woods Erosion Control Measures	549,600
<i>SD 0046</i>	<i>Regional Detention in Forbes and Juanita Creek Basins</i>	<i>10,000,000</i>
SD 0050	NE 95th Street/126th Avenue NE Flood Control Measures	55,900
<i>SD 0051"</i>	<i>NE 95th Street/126th Avenue NE Flood Control Measures</i>	<i>1,290,900</i>
SD 0052	Forbes Creek/Slater Avenue Embankment Stabilization	139,700
<i>SD 0053"</i>	<i>Forbes Creek/Coors Pond Channel Grade Controls</i>	<i>424,200</i>
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
<i>SD 0058"</i>	<i>Surface Water Sediment Pond Reclamation (Phase II)</i>	<i>851,000</i>
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
SD 0107	132nd Square Park Stormwater Retrofit Project	4,510,000
Subtotal Unfunded Surface Water Management Utility Projects		21,855,400
<i>Funding Available from Annual Programs for Candidate Projects</i>		<i>88,400</i>
Net Unfunded Surface Water Management Utility Projects		21,767,000

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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
<i>WA 0102</i>	<i>104th Ave NE Watermain Replacement</i>						525,000	161,000	686,000	686,000			
WA 0115 001	Water System Telemetry Upgrade		200,000						200,000	200,000			
<i>WA 0134</i>	<i>5th Ave S / 8th St S Watermain Replacement</i>							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 Way Watermain Replacement		90,000	310,000					400,000	310,000	90,000		
WA 0162	LWB Watermain Replacement at Cochran Springs		260,000						260,000		260,000		
WA 0163	2nd Street South Watermain Replacement		290,000						290,000		290,000		
<i>WA 8888</i>	<i>Annual Watermain Replacement Program</i>		359,400						359,400		359,400		
<i>WA 9999</i>	<i>Annual Water Pump Station/System Upgrade Pgm</i>		359,400						359,400		359,400		
<i>SS 0051+</i>	<i>6th Street S Sewermain Replacement</i>							884,000	884,000	884,000			
<i>SS 0052+</i>	<i>108th Avenue NE Sewermain Replacement</i>				865,800	2,861,800	1,624,400		5,352,000	4,652,800	699,200		
<i>SS 0062+</i>	<i>NE 108th Street Sewermain Replacement</i>					766,000	3,677,200	1,966,800	6,410,000	5,708,400	701,600		
<i>SS 0069+</i>	<i>1st Street Sewermain Replacement</i>			958,900	2,861,100				3,820,000	2,420,000	1,400,000		
<i>SS 0070+</i>	<i>5th Street Sewermain Replacement</i>			419,500	864,500				1,284,000	1,284,000			
<i>SS 0071+</i>	<i>6th Street Sewermain Replacement</i>			287,000					287,000	287,000			
<i>SS 0072+</i>	<i>Kirkland Avenue Sewermain Replacement</i>							850,000	850,000	850,000			
<i>SS 0073</i>	<i>Rose Point Sewer Lift Station Replacement</i>		1,450,000	1,110,000					2,560,000	2,560,000			
<i>SS 0078</i>	<i>5th Avenue S Sewermain Replacement</i>	188,900	38,000						38,000	38,000			
<i>SS 0079</i>	<i>3rd Avenue S & 2nd Street S Sewermain Replacement</i>		865,400	361,600					1,227,000	1,227,000			
<i>SS 0082+</i>	<i>3rd & Central Way Sanitary Sewer Crossing</i>			300,000					300,000	300,000			
<i>SS 8888</i>	<i>Annual Sanitary Pipeline Replacement Program</i>		549,400						549,400	528,800	20,600		
<i>SS 9999</i>	<i>Annual Sanitary Pump Station/System Upgrade Pgm</i>		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
<i>WA 0145"</i>	<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
<i>SS 0080"</i>	<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		1,817,600
Net Unfunded Water/Sewer Utility Projects		64,841,000

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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	818,015						818,015		75,000	643,015		75,000
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 0123	Peter Kirk Pool Liner Replacement			125,000					125,000			125,000		0
PK 0133 100	Dock & Shoreline Renovations		175,000	250,000				250,000	925,000		925,000			
PK 0133 200	City-School Playfield Partnership		850,000		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	135,000	200,000	0	780,000	
PK 0134	132nd Park Playfields Renovation	75,000	509,600	127,400					637,000	509,600			127,400	
PK 0135 200	Juanita Heights Park Expansion			200,000					200,000			200,000		
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	3,552,615	3,677,400	2,559,000	3,883,000	4,358,000	3,884,000	21,914,015	4,865,600	7,123,000	#####	6,857,400	1,975,000

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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
<i>PK 0114 101"</i>	<i>Mark Twain Park Renovation (Design)</i>	<i>75,000</i>
<i>PK 0116</i>	<i>Lee Johnson Field Artificial Turf Installation</i>	<i>1,750,000</i>
PK 0119 200	Juanita Beach Park Development (Phase 3)	10,000,000
<i>PK 0122 100</i>	<i>Community Recreation Facility Construction</i>	<i>67,000,000</i>
<i>PK 0124"</i>	<i>Snyder's Corner Park Site Development</i>	<i>1,000,000</i>
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
<i>PK 0131"</i>	<i>Park and Open Space Acquisition Program</i>	<i>3,000,000</i>
<i>PK 0133 100</i>	<i>Dock & Shoreline Renovations</i>	<i>2,000,000</i>
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		127,575,000

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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			
										Reserve	Debt	External Source	
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		234,300						234,300	138,500		95,800	
PS 0080	Emergency Generators			60,000		60,000		60,000	180,000	180,000			
<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 Station 27 Property Acquisition				2,500,000				2,500,000	2,500,000			
Total Funded Public Safety Projects			0	404,400	2,724,900	6,398,700	193,200	742,000	439,400	10,902,600	10,806,800	0	95,800

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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		External Source
										Reserves/ Prior Yr	Debt	
<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		
<i>IT 0601</i>	<i>Help Desk System Replacement Phase 2</i>		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		
<i>IT 0903</i>	<i>Wireless in Parks Phase 2</i>		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

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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>	<i>1,286,300</i>
<i>IT 0602</i>	<i>Business Intelligence/Standard Reporting Tool</i>	<i>132,200</i>
IT 0701	Fleet Management Systems Replacement	80,000
<i>IT 0902</i>	<i>Customer Relationship Management System</i>	<i>17,000</i>
Total Unfunded General Government Projects - Technology		2,238,700

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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	
GG 0008	<i>Electrical, Energy Management & Lighting Systems</i>		49,400	10,000		39,000	49,000		147,400		147,400			
GG 0009	<i>Mechanical/HVAC Systems Replacements</i>		-		177,000	229,000	199,000	79,000	684,000		684,000			
GG 0010	<i>Painting, Ceilings, Partition & Window Replacements</i>		119,500	111,000	174,000	166,000	28,000	76,000	674,500		674,500			
GG 0011	<i>Roofing, Gutter, Siding and Deck Replacements</i>			32,000	379,000	142,000		75,000	628,000		628,000			
GG 0012	<i>Flooring Replacements</i>		91,700	21,000	73,000	69,000	41,000	210,000	505,700		505,700			
GG 0035 100	<i>City Hall Renovation</i>	2,050,000	9,700,000						9,700,000		2,446,738	5,753,262	1,500,000	
GG 0035 201	City Hall Furnishings		600,000						600,000		600,000			
GG 0035 202	Council Chamber/Lobby Furnishings		180,000						180,000		-			
GG 0035 300	City Hall Lower Level Demolition		68,000						68,000		-			
GG 0037 002	<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	13,808,600	174,000	803,000	645,000	317,000	440,000	16,187,600	-	8,686,338	5,753,262	1,500,000

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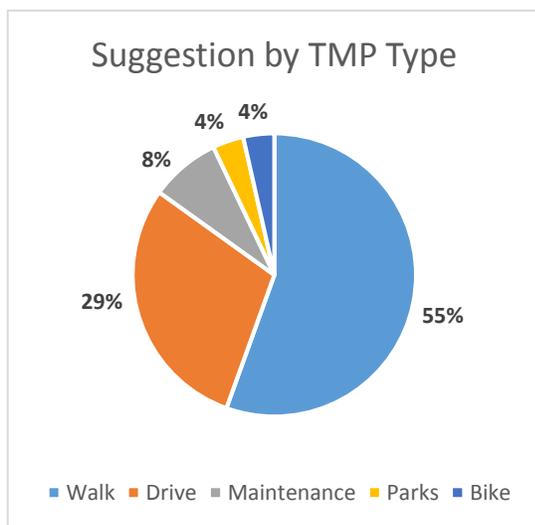
Suggest A Project

Status Update

The interactive Suggest a Project map is the central clearing house for all capital project suggestions made by residents. This tool has been a popular means of communication for Kirkland residents, resulting in over five hundred requests. The volume of input indicates the success of the program in terms of soliciting public input, but the unanticipated number of requests has been difficult for staff to manage. Public Works staff is now meeting monthly to review the status of these requests for better coordination and tracking between the operations and capital projects divisions.

Policies set forth in the draft Transportation Master Plan (TMP) provided the criteria for funding suggestions in the "Suggest a Project" data base. The following is a summary of the status of these requests (in particular how they relate to the Preliminary 2015-2020 CIP).

Suggestion by Type (aligned with the Transportation Master Plan)



Walk 55%
 Crosswalk
 Sidewalk
 Accessibility
 Trails/Trail Connections
 Street Lights
 Benches
 Operations

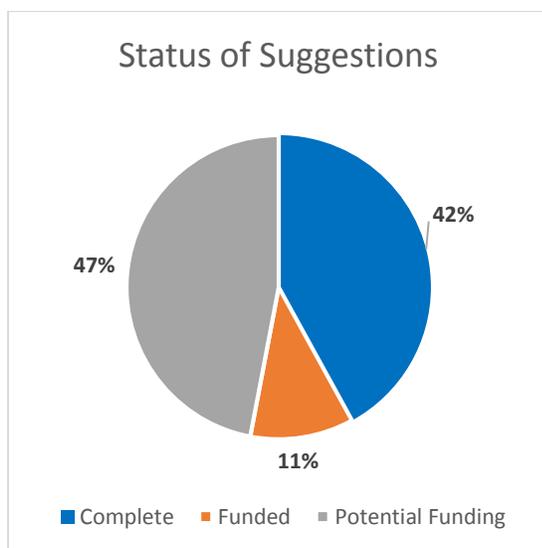
Drive 29%
 Safety
 Capacity
 Efficiency
 Parking
 Calming

Maintenance 8%
 Surface Water
 Sight Distance
 Pavement Marking
 Signal
 Pavement
 Sidewalk

Parks 4%
 Trails
 Acquisition
 playground equipment

Bike 4%
 On street
 Support

Status of Suggestions



Complete 36%
 Complete, or complete by end of 2015 (139 requests)
 Operations and maintenance (85 requests)

Funded 11%
 Neighborhood Safety Program Funded (40 requests)
 Funded in Preliminary 2015-2020 CIP
 Funded 2016 (13 requests)
 Funded 2017 (2 requests)
 Funded 2018 (4 requests)

Potential Funding 53%
 Unfunded in Preliminary 2015-2020 CIP (42 requests)
 Street preservation CIP ST 006 (19 requests)
 School walk route grant or CIP NM 0087 (36 requests)
 Juanita Drive Corridor Quick Wins or CIP NM 0090 100 (34 requests)
 Neigh Safety Program & Neigh Traffic Control (118 Requests)
 Lower priority CIP (25 requests)