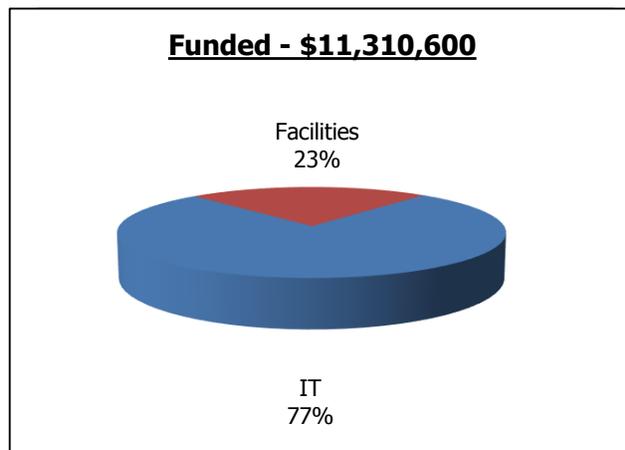
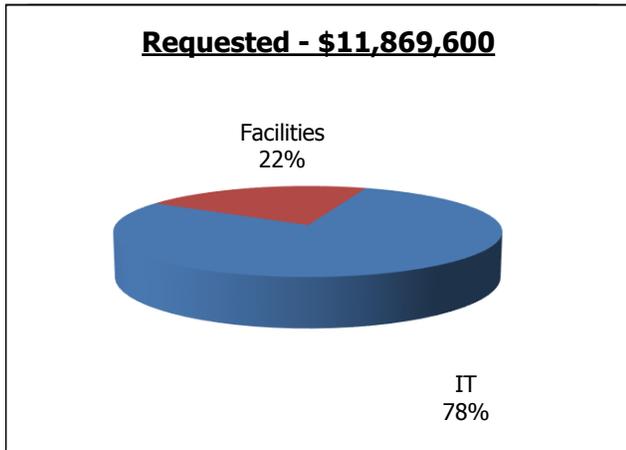


General Government

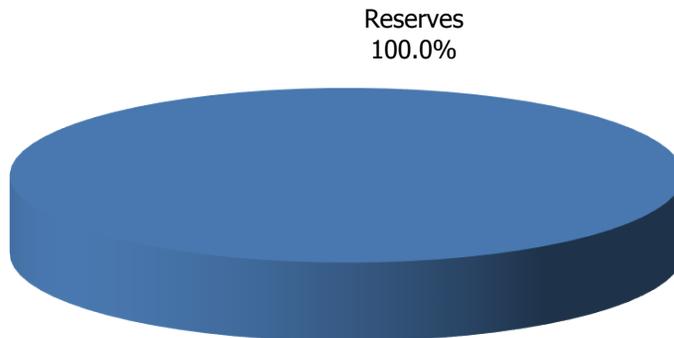


Capital Improvement Program

General Government



Funding Sources



General Government Funding - \$11,310,600

**City of Kirkland
2017-2022 Preliminary Capital Improvement Program**

GENERAL GOVERNMENT PROJECTS - Technology

Funded Projects:

Project Number	Project Title	Prior Year(s)	2017	2018	2019	2020	2021	2022	2017-2022 Total	Funding Source		External Source
										Reserves/ Prior Yr	Debt	
<i>IT 0100</i>	<i>Network Server Replacements</i>		203,700	33,000	71,400	46,400	244,700	8,000	607,200	607,200		
<i>IT 0110</i>	<i>Network Infrastructure</i>		51,100	119,000	114,000	1,006,600	49,100	45,600	1,385,400	1,385,400		
<i>IT 0120</i>	<i>Network Storage, Backup & Archiving</i>		80,000	1,099,400	-	18,400	20,100	80,000	1,297,900	1,297,900		
<i>IT 0130</i>	<i>Network Phone Systems</i>		-	-	-	-	250,000	-	250,000	250,000		
<i>IT 0140</i>	<i>Network Security</i>		-	-	75,000	30,000	30,000	75,000	210,000	210,000		
<i>IT 0200</i>	<i>Geographic Information Systems</i>		275,000	285,000	285,000	285,000	285,000	285,000	1,700,000	1,700,000		
<i>IT 0302+</i>	<i>Court Customer Service Systems Improvements</i>		154,400	-	-	-	-	-	154,400	154,400		
<i>IT 0303+</i>	<i>Sharepoint and Trim Upgrade</i>		187,100	-	-	-	-	-	187,100	187,100		
<i>IT 0402</i>	<i>Financial System Replacement</i>	50,000	2,500,000	-	-	-	-	-	2,500,000	2,500,000		
<i>IT 0500</i>	<i>Copier Replacements</i>		39,000	30,500	34,000	34,600	36,000	55,900	230,000	230,000		
<i>IT 0702</i>	<i>EAM Maintenance Management System Replacement</i>	1,239,600	205,600	-	-	-	-	-	205,600	205,600		
Total Funded General Gov. Projects - Technology		1,289,600	3,695,900	1,566,900	579,400	1,421,000	914,900	549,500	8,727,600	8,727,600	0	0

Notes

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

Bold = New projects

+ = Moved from unfunded status to funded status

" = Moved from funded status to unfunded status

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 0602	Business Intelligence/Standard Reporting Tool	132,200
IT 0701	Fleet Management Systems Replacement	80,000
IT 0902	Customer Relationship Management System	17,000
Total Unfunded General Government Projects - Technology		559,000

Notes

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

Bold= New projects

+ = Moved from unfunded to funded

" = Moved from funded to unfunded

**City of Kirkland
2017-2022 Preliminary Capital Improvement Program**

GENERAL GOVERNMENT PROJECTS - Facilities

Funded Projects:

Project Number	Project Title	Prior Year(s)	2017	2018	2019	2020	2021	2022	2017-2022 Total	Funding Source			
										Current Revenue	Reserve	Debt	External Source
<i>GG 0008</i>	<i>Electrical, Energy Management & Lighting Systems</i>		-	38,800	28,800	-	34,700	131,500	233,800		233,800		
<i>GG 0009</i>	<i>Mechanical/HVAC Systems Replacements</i>		176,400	223,300	314,800	78,200	20,000	10,500	823,200		823,200		
<i>GG 0010</i>	<i>Painting, Ceilings, Partition & Window Replacements</i>		20,900	4,100	144,700	244,700	28,800	8,400	451,600		451,600		
<i>GG 0011</i>	<i>Roofing, Gutter, Siding and Deck Replacements</i>		126,100	231,700	-	74,000	7,100	-	438,900		438,900		
<i>GG 0012</i>	<i>Flooring Replacements</i>		101,700	55,600	40,200	209,400	188,800	39,800	635,500		635,500		
Total Funded General Government Projects - Facilities		-	425,100	553,500	528,500	606,300	279,400	190,200	2,583,000	-	2,583,000	-	-

Notes

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

Bold = New projects

+ = Moved from unfunded status to funded status

" = Moved from funded status to unfunded status

**CITY OF KIRKLAND
2017-2022 CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY**

GENERAL GOVERNMENT - Information Technology

IT 0100 000 NETWORK SERVER REPLACEMENTS

City-wide Provides for the regular replacement of network file servers that house the City's software systems, such as finance, permitting, GIS, and email. Without these servers, shared applications would not be available which would significantly disrupt services. Network servers are on a 4-year replacement cycle.

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$607,200	\$0	\$607,200

IT 0110 000 NETWORK INFRASTRUCTURE

City-wide Provides for upgrades/replacements of network routers, switches, firewalls, wireless access points and other hardware security appliances (e.g. intrusion prevention system, email and internet monitoring and filtering). This equipment connects City outbuildings, network servers, network storage, the phone system and staff computers to our core network, which is split between Kirkland City Hall and Bellevue City Hall. It provides secure connections to networks outside of the City's internal network and the Internet. This project also funds the City's share of the capital costs associated with the Community Connectivity Consortium (city/schools/hospital fiber optic network).

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$1,385,400	\$0	\$1,385,400

IT 0120 000 NETWORK STORAGE, BACKUP AND ARCHIVING

City-wide Provides for upgrades/replacements of the Storage Area Network (SAN), which stores most city data, and the network backup infrastructure. Equipment replacements/upgrades occur on a cyclical basis. Some major equipment replacement cycles are grouped together. For example, data storage and backup infrastructure are replaced together to allow staff to price multiple options including off-premises (cloud) and on-premises solutions. This strategy provides more options for switching base technologies when it is advantageous to do so.

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$1,297,900	\$0	\$1,297,900

IT 0130 000 NETWORK PHONE SYSTEM

City-wide Provides for upgrades/replacements of the City's phone system. In 2021, the City's current phone system is due for its regularly scheduled software upgrade and hardware replacement. This CIP funds that project.

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$250,000	\$0	\$250,000

IT 0140 000 NETWORK SECURITY

City-wide Provides funding for a regularly scheduled information technology security assessment by a third party. Often the findings from these assessments will recommend additional safeguards for information technology systems. Additional consultant resources may be required to actually accomplish this work.

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$210,000	\$0	\$210,000

IT 0200 000 GEOGRAPHIC INFORMATION SYSTEMS

City-wide

The GIS program directly benefits at least two-thirds of City staff with an easily accessible GIS browser, multiple standard products, a high quality spatial data repository, training, and advanced tools tailored to meet identified business needs. GIS also benefits citizens and businesses in Kirkland directly through public-facing Kirkland Maps, the CIP interactive map, and regional projects like NWMAPS, NWProperties, etc. The City's GIS administrator works closely with the GIS steering committee and finance to ensure priorities and performance are aligned with the City's work plan, City Council goals, and resource constraints. Community initiatives such as transportation, economic development, public safety, and regional collaboration are all reflected in the GIS program tasks and products. The GIS work plan includes ongoing database maintenance, special projects, technical program enhancements, permitting integration, maintenance management, public safety, and workgroup-specific support.

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$1,700,000	\$0	\$1,700,000

IT 0302 000 COURT CUSTOMER-SERVICE SYSTEMS IMPROVEMENTS

City-wide

Technology has been developed to better integrate document management systems and electronic forms with Washington State's Courts of Limited Jurisdiction case management system, JIS. This functionality would help the court to better manage and schedule court hearings, maintain a library of electronic court forms/templates, auto populate these forms based on JIS data, route forms for edits and signature, archive the completed forms to a document storage system which would automatically have retention for destruction, and eventually update the JIS record automatically. The benefits of implementing this technology are reduced data-entry by Court staff for forms and the JIS system, reduced delay in providing documents for review and signature, enhanced customer service for people interacting with the Court (defendants, attorneys, prosecutor), increased security and efficiency by allowing electronic documents to route to defendants in jail custody without the need to relay documents by hand, and better retention, retrieval and access to Court documents which will also help the Court respond to Public Records Requests.

It is estimated that Court staff complete 3-7 pages of forms for each case and then spend additional time updating the JIS system with data from the form that this system could populate and update. This system would eliminate scribes' errors, missed information, and eliminate wording on the form that does not apply to a particular case. In addition the system will reduce the need for re-entering the form data into JIS. With the Kirkland Jail in the same facility as the Court, defendants can be in custody and still be actively participating in their hearings and arraignments. This system would allow us to route necessary forms and documents to them and maintain this security. An electronic case file and document management system would eliminate the need of supply costs associated with building a paper file, the labels to identify the file, the paper to create the documents in the file, and the space to store the file while active and then for the 3 years after it is archived.

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
Undetermined	\$0	\$154,400	\$0	\$154,400

IT 0303 000 SHAREPOINT AND TRIM UPGRADE

City-wide

Microsoft's SharePoint product acts as the framework for the City's Intranet. Commonly used tools such as CouncilNet, department portals, CityViews, Announcements, and many shared sites depend on SharePoint as the base tool they run on. Our current SharePoint version is 2007, and was upgraded with no significant design changes from 2003 during the recession. Over the last few years, SharePoint has been used for more things than ever (for example, the city and its consultants used SharePoint to work together on the ST3 projects), and the new users and uses of the system are struggling with the older technology. The current version will soon be unsupported. This request helps the city move to the cloud-based version of SharePoint, provides time and effort for a re-design of the user interface and navigation, to increase security, provide training, and enhance governance. The project includes integration with TRIM, Kirkland's current document management system.

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
2017	\$0	\$187,100	\$0	\$187,100

IT 0402 000 FINANCIAL SYSTEM REPLACEMENT

City-wide

This project is to review options for possible replacement of the existing Finance System implemented in 1999. The Finance System supports the following functions: general ledger / job ledger including journal entries, budgeting, accounts receivable, accounts payable, purchasing, payroll / Human Resources (HR), including employee self-serve payroll/HR abilities, bank reconciliation.

It is GASB compliant and supports fund accounting. A replacement system must meet these functions and requirements. Replacement of the system would require backfill of business and IT staff resources.

Project objectives are to: develop functional requirements and produce a request for proposal for a finance/HR system. Request for Proposal (RFP) process may require consultant assistance to solicit requirements and assist with the RFP process, complete the RFP process including vendor demos, system selection and contract negotiations, implementation of selected system for each functional area.

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
2018	\$50,000	\$2,500,000	\$0	\$2,550,000

IT 0500 000 COPIER REPLACEMENTS

City-wide

Provides for regular replacement of multi-function copiers and wide format plotters. Also included is the wide format (KIP) scanner/copier in the Planning department. Currently there are 34 machines at the various city buildings. Equipment is generally replaced after seven years, but usage, parts availability and repair frequency determine actual replacement date.

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$87,000	\$230,000	\$0	\$317,000

IT 0702 000 EAM MAINTENANCE MANAGEMENT SYSTEM REPLACEMENT

City-wide

The project is to implement the selected Enterprise Asset and Maintenance Management system. The project will be phased over three years to incorporate the following functional areas into the new system: Public Works (Streets, Water, Storm and Surface Water), Facilities, and Parks. The new system will provide work management, maintenance management, asset management, asset life cycle management, purchasing and inventory, personnel and timekeeping, mobility-using application and geographic based (GIS) user interfaces. The project will also include interfaces to the finance system to reduce redundant data-entry of purchasing and timekeeping information. Implementation of the system would require staff resources in the following areas: Applications Analyst and Business Analyst and require staff backfill of subject matter experts and IT resources in the following areas: GIS Analyst, PW division managers and Leads, PW administrative personnel, facilities lead tech and inventory control, Parks division managers and leads.

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
2013	\$1,239,600	\$205,600	\$0	\$1,445,200

**CITY OF KIRKLAND
2017-2022 CAPITAL IMPROVEMENT PROGRAM
PROJECT SUMMARY**

GENERAL GOVERNMENT - Facilities

GG 0008 000 ELECTRICAL, ENERGY MANAGEMENT, AND LIGHTING SYSTEMS

City-wide The funds will cover the cost of replacing electrical, energy management and lighting systems such as: alarm panels, interior and exterior lighting, and direct digital control energy management systems at the end of their useful lives. The following buildings are included in the Life Cycle Model: City Hall, all Fire Stations, Peter Kirk Community Center, North Kirkland Community Center, Kirkland Teen Union Building, City Hall Annex, Heritage Hall, Kirkland Performing Arts Center, the Municipal Parking Garage, the Kirkland Justice Center, and all of the structures at the Maintenance Center. The life cycle is 15 years for a typical exterior or interior light fixture and 20 years for an energy management system. Any facility in this group that has one of these items scheduled to occur from 2015-2020 is included in this request.

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$233,800	\$0	\$233,800

GG 0009 000 MECHANICAL/HVAC SYSTEMS REPLACEMENT

City-wide The funds requested will cover the cost of replacing mechanical systems including boilers and hot water tanks, sump pumps, and Heating Ventilation and Air Conditioning (HVAC) systems as these items reach the end of their useful lives. The following buildings are included in the Life Cycle Model: City Hall, all Fire Stations, Peter Kirk Community Center, North Kirkland Community Center, Kirkland Teen Union Building, City Hall Annex, Heritage Hall, Kirkland Performing Arts Center, the Municipal Parking Garage, the Kirkland Justice Center, and all of the structures at the Maintenance Center. Any facility in this group that has one of these items scheduled to occur from 2015-2020 is included in this request.

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$823,200	\$0	\$823,200

GG 0010 000 PAINTING, CEILINGS, PARTITION, WINDOW REPLACEMENT

City-wide The funds will cover the cost of interior and exterior painting, parking garage striping, and window and window film replacement at City buildings as these items reach the end of their life cycle. The following buildings are included in the Life Cycle Model: City Hall, all Fire Stations, Peter Kirk Community Center, North Kirkland Community Center, Kirkland Teen Union Building, City Hall Annex, Heritage Hall, Kirkland Performing Arts Center, the Municipal Parking Garage, the Kirkland Justice Center, and all of the structures at the Maintenance Center. The current Life Cycle Model for these buildings has the interior and exterior painting occurring on a eight-year cycle, which was increased this year from a six-year cycle. Any facility in this group that has one of these items scheduled to occur from 2015-2020 is included in this request.

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$451,600	\$0	\$451,600

GG 0011 000 ROOFING, GUTTER, SIDING AND DECK REPLACEMENTS

City-wide The funds will cover the cost of roofing, gutter, siding and deck replacement, and parking lot resurfacing at City buildings as these items reach the end of their life cycle. The following buildings are included in the Life Cycle Model: City Hall, all Fire Stations, Peter Kirk Community Center, North Kirkland Community Center, Kirkland Teen Union Building, City Hall Annex, Heritage Hall, Kirkland Performing Arts Center, the Municipal Parking Garage, the Kirkland, Justice Center, and all of the structures at the Maintenance Center. The current Life Cycle Model for these buildings has the life cycle for roofing ranging from 20 to 40 years (depending on the type), and gutters and decks are scheduled for 15 years. Any facility in this group that has one of these items scheduled to occur from 2015-2020 is included in this request.

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$438,900	\$0	\$438,900

GG 0012 000 FLOORING REPLACEMENTS

City-wide

All of the flooring products in the City buildings will need to be replaced as they reach the end of their life cycle. The following buildings are included in the Life Cycle Model: City Hall, all Fire Stations, Peter Kirk Community Center, North Kirkland Community Center, Kirkland Teen Union Building, City Hall Annex, Heritage Hall, Kirkland Performing Arts Center, the Kirkland Justice Center, and all of the structures at the Maintenance Center. Any facility in this group that has one of these items scheduled to occur from 2015-2020 is included in this request.

PROJECT START	Prior Year(s)	2017-2022 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$635,500	\$0	\$635,500

City of Kirkland
Preliminary 2017-2022 Capital Improvement Program

ACTIVE PROJECTS - GENERAL GOVERNMENT

Technology

Project Number	Project Title	Project Budget as of 2014	Pending Adjustments	2015-16 Funding	Total Current Funding	Expenses as of 12/31/2015	Project Funding Balance
GG 0006 110	Records Management System	1,297,200		-	1,297,200	1,133,652	163,548
GG 0006 205	Municipal Court Technology Projects	50,000		-	50,000	38,941	11,059
GG 0006 501	Permit System Replacement	981,412		-	981,412	809,005	172,407
IT 0100	Network Server Replacements	337,158		59,800	396,958	243,348	153,610
IT 0110	Network Infrastructure	746,631		95,600	842,231	793,366	48,865
IT 0120	Network Storage, Backup & Archiving	1,319,484		38,500	1,357,984	1,060,006	297,978
IT 0130	Network Phone Systems	50,000		395,000	445,000	8,784	436,216
IT 0140	Network Security	302,000		55,000	357,000	169,222	187,778
IT 0200	Geographic Information Systems	545,000		525,000	1,070,000	562,685	507,315
IT 0300	Finance & HR System Modules	115,594		-	115,594	41,246	74,348
IT 0500	Copier Replacements	-		87,000	87,000	-	87,000
IT 0601	Help Desk System Replacement Ph. 2	-		66,000	66,000	-	66,000
IT 0702	Maintenance Management System Upgrade	177,600		1,062,000	1,239,600	331,648	907,952
IT 0802	Recreation Registration System Replacement	-		83,000	83,000	-	83,000
IT 0901	Disaster Recovery System Improvements	125,000		-	125,000	-	125,000
IT 0903	Wireless in the Park Ph. 2	-	11,949	200,000	211,949	211,949	-
IT 0904	Council Chamber Video System	-		464,000	464,000	198,397	265,603
Total		6,047,079	11,949	3,130,900	9,189,928	5,602,249	3,587,679

City of Kirkland
Preliminary 2017-2022 Capital Improvement Program

ACTIVE PROJECTS - GENERAL GOVERNMENT

Facilities

Project Number	Project Title	Project Budget as of 2014	Pending Adjustments	2015-16 Funding	Total Current Funding	Expenses as of 12/31/2015	Project Funding Balance
GG 0008	Electrical, Energy Management & Lighting Systems	96,200		59,400	155,600	51,114	104,486
GG 0009	Mechanical/HVAC Systems Replacement	165,103	(34,030)	-	131,073	35,174	95,898
GG 0010	Painting, Ceilings, Partition & Window Replacements	43,000	(25,000)	230,500	248,500	23,951	224,549
GG 0011	Roofing, Gutter, Siding & Deck Replacements	189,100	(33,000)	32,000	188,100	46,796	141,304
GG 0012	Flooring Replacements	66,400		112,700	179,100	57,638	121,462
GG 0014	City Facilities Energy Efficiency Project	846,000	122,223	-	968,223	933,005	35,218
GG 0035 100	City Hall Expansion Phase I	2,050,000		9,700,000	11,750,000	1,840,510	9,909,490
GG 0035 201	City Hall Furnishings			600,000	600,000	376,903	223,097
GG 0035 202	Council Chamber/Lobby Furnishings			180,000	180,000	-	180,000
GG 0035 300	City Hall Lower Demolition			90,000	90,000	1,397	88,603
GG 0037 002	Maintenance Center Expansion Phase II2	1,450,000		3,000,000	4,450,000	287,014	4,162,986
Total		4,905,803	30,193	14,004,600	18,940,596	3,653,503	15,287,092