

INFORMATION TECHNOLOGY

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Information Technology Approved FY 2015 – 2024 Capital Improvement Program Summary of Projects

CIP Section/Subsection/Project	Unallocated (2/14)	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
IT Plan												
Public Access Development												
Electronic Government	\$317,340	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Customer Relationship Management System	\$100,000	\$0	\$580,000	\$100,000	\$50,000	\$25,000	\$25,000	\$100,000	\$25,000	\$25,000	\$25,000	\$955,000
Document Management												
Document Imaging	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Financial Systems												
Real Estate Assessment System (CAMA)	\$0	\$0	\$0	\$0	\$30,000	\$600,000	\$200,000	\$0	\$0	\$0	\$0	\$830,000
Enterprise Resource Planning System	\$500,000	\$75,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$575,000
Business Tax System/Reciprocity Contractor System	\$149,000	\$0	\$0	\$90,000	\$0	\$0	\$0	\$100,000	\$382,000	\$0	\$0	\$572,000
Real Estate Account Receivable System	\$0	\$0	\$0	\$325,000	\$60,000	\$0	\$0	\$0	\$120,000	\$0	\$0	\$505,000
Personal Property Tax System	\$100,000	\$0	\$0	\$90,000	\$460,000	\$0	\$0	\$0	\$0	\$60,000	\$280,000	\$890,000
Finance Payment Kiosk	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Handheld Data Collection Devices	\$25,000	\$0	\$0	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
Employee Pension Administration System	\$0	\$0	\$0	\$0	\$300,000	\$50,000	\$0	\$0	\$0	\$175,000	\$25,000	\$550,000
Purchasing System Upgrade	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Phone, Web, Portable Device Payment Portals	\$0	\$0	\$560,000	\$160,000	\$0	\$0	\$340,000	\$0	\$0	\$0	\$0	\$1,060,000
Geographic Information Systems												
GIS Development	\$70,000	\$230,000	\$160,000	\$190,000	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$680,000
Public Safety Systems												
AJIS Enhancements	\$151,000	\$131,000	\$73,000	\$40,000	\$40,000	\$40,000	\$150,000	\$0	\$0	\$0	\$0	\$474,000
Fire Records Management Project	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
EMS Records Management System	\$21,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Computer Aided Dispatch (CAD) System Replacement	\$3,000,000	\$230,000	\$366,000	\$635,000	\$315,000	\$1,411,000	\$265,000	\$0	\$0	\$0	\$0	\$3,222,000
Fire Radios	\$0	\$394,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$394,000
Remote Radio Technology	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Radio Network Upgrade	\$61,237	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other System Development Projects												
Permit Processing	\$905,600	\$1,700,000	\$29,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,729,000
DCHS HIPAA Data Security Compliance	\$0	\$0	\$25,000	\$25,000	\$25,000	\$30,000	\$30,000	\$0	\$0	\$0	\$0	\$135,000
Enterprise Maintenance Mgmt System	\$117,000	\$0	\$100,000	\$130,000	\$100,000	\$40,000	\$40,000	\$40,000	\$0	\$0	\$0	\$450,000
DCHS Payment System Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Recreation Database System	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Information Technology Approved FY 2015 – 2024 Capital Improvement Program Summary of Projects (Continued)

CIP Section/Subsection/Project	Unallocated (2/14)	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 15-24 TOTAL
Network Services												
LAN/WAN Infrastructure	\$725,000	\$370,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$0	\$0	\$0	\$0	\$1,670,000
LAN Development	\$90,000	\$0	\$15,000	\$15,000	\$25,000	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$105,000
Enterprise Data Storage Infrastructure	\$300,000	\$150,000	\$200,000	\$400,000	\$400,000	\$300,000	\$200,000	\$0	\$0	\$0	\$0	\$1,650,000
Upgrade Work Station Operating Systems	\$0	\$200,000	\$150,000	\$175,000	\$200,000	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$1,125,000
Network Server Infrastructure	\$300,000	\$300,000	\$500,000	\$400,000	\$175,000	\$175,000	\$500,000	\$0	\$0	\$0	\$0	\$2,050,000
Information Technology Equipment Replacement	\$0	\$200,000	\$200,000	\$200,000	\$400,000	\$620,000	\$620,000	\$0	\$0	\$0	\$0	\$2,240,000
Voice Over Internet Protocol	\$375,000	\$500,000	\$450,000	\$150,000	\$350,000	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$1,750,000
Network Security	\$0	\$200,000	\$250,000	\$225,000	\$225,000	\$225,000	\$225,000	\$0	\$0	\$0	\$0	\$1,350,000
Database Infrastructure	\$18,000	\$0	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$0	\$0	\$0	\$0	\$200,000
IT Enterprise Management System	\$0	\$0	\$50,000	\$150,000	\$20,000	\$20,000	\$100,000	\$0	\$0	\$0	\$0	\$340,000
Connectivity Initiatives	\$0	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$4,500,000
Ford Ward INET	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Email, Messaging, and Conferencing	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Enterprise Collaboration (Including AlexStat Hardware & Software)	\$200,000	\$290,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$0	\$0	\$0	\$0	\$490,000
Municipal Fiber	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Remote Access	\$0	\$0	\$250,000	\$150,000	\$150,000	\$150,000	\$75,000	\$75,000	\$0	\$0	\$0	\$850,000
Network Operations Center (NOC) Relocation	\$0	\$6,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,500,000
Information Technology Lump Sum Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$16,500,000
IT Plan Total	\$7,665,677	\$11,970,000	\$4,848,000	\$4,540,000	\$4,240,000	\$5,051,000	\$4,535,000	\$4,765,000	\$4,977,000	\$4,710,000	\$4,780,000	\$54,416,000

Electronic Government (E-Government)

Document Subsection: Public Access Development
 Managing Department: Communications
 Supporting Department(s): Information Technology Services
 ORG: 55211907

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

E-Government													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	95,823	317,340	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Prior City Funding	95,823	317,340	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	95,823	317,340	0										
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: Planned funding in FY 2015 - 2019 has been removed from this year's CIP. All E-Government projects will now be "stand-alone" project instead of rolled up into one annual pot of funding. E-Government projects include Customer Relationship Management and Phone, Web, Portable Device Payment portals. Prior year balances will be utilized to complete projects started in FY 2014 including City website enhancements.

Project Description & Justification

The E-Government project includes enhancements to, and applications for, the City of Alexandria's public website, www.alexandriava.gov and related sites; content and applications for the City's employee intranet AlexNet; and various wireless initiatives in the City to benefit both the general public and City employees.

This project has sufficient prior year balance to cover all initiatives planned in FY 2015. In FY 2016 and beyond, this project will be eliminated and stand-alone E-Government projects will be included as part of the CIP.

City's Strategic Plan & City Manager's Performance Plan
<p>Primary Strategic Plan Goal: Goal 5 – Financial Sustainability</p> <p>Focus Area: Accountable, Effective, & Well- Managed Government</p> <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
<p>External or Internal Adopted Plan or Recommendation</p> <ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Customer Relationship Management System

Document Subsection: Public Access Development
 Managing Department: Communications
 Supporting Department(s): Multiple Departments
 ORG: 55211942

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 5-10 years

Customer Relationship Management System													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	76,365	100,000	0	580,000	100,000	50,000	25,000	25,000	100,000	25,000	25,000	25,000	955,000
Financing Plan													
Prior City Funding	76,365	100,000	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	0	0	580,000	100,000	50,000	25,000	25,000	100,000	25,000	25,000	25,000	955,000
Total Financing Plan	76,365	100,000	0	580,000	100,000	50,000	25,000	25,000	100,000	25,000	25,000	25,000	955,000
Add. Operating Impact													
Annual Impact			0	0	100,000	103,000	106,090	109,273	112,551	115,927	119,405	122,987	889,234
Cumulative Impact			0	0	100,000	203,000	309,090	418,363	530,914	646,841	766,246	889,234	889,234
Changes from Prior Year CIP: Last year's CIP did not include any funding for this project after FY 2014. Funding is planned beginning in FY 2016 to acquire a Customer Relationship Management system. Funding provided in FY 2017 - 2024 is for system upgrades.													

Project Description & Justification

The goal of the Customer Relationship Management System (CRM) is to provide central coordination of requests for service from the public and other external stakeholders. In January 2013, the City launched a new application branded Call.Click.Connect (CCC) which was implemented with funding from this project. The CRM includes a database system – the client software used by City staff to access the database – and a portal on the City's website (Call.Click.Connect) for use by external customers. City staff uses this system to enter requests made by phone, mail, or in person.

The CRM emphasizes ongoing relationships with customers, rather than isolated transactions. It provides for consistent, automatic assignment and scheduling of work; status updates for managers, call takers, workers, and customers; accountability and resources for call takers and assignees; reports to monitor response and resolution goals; integration with GIS for trend analysis; and a reduced burden on email systems.

The existing backend database that was leveraged to support the client software for the City's CRM is a Computerized Maintenance Management System (CMMS) that has been operational since 2009. This project will replace the existing CMMS with a dedicated CRM for use by all City departments. Functionality will include the use of one central database; access for call takers in the office and in the field; consistent assignment and scheduling of work; and real time status updates for customers and staff; and the public.

Strategic Plan & City Manager's Performance Plan

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well- Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Additional operating costs of \$100,000 in FY 2017 are estimated based on new hardware and software maintenance agreement requirements. Annual inflation is factored in beginning FY 2018 and every year thereafter.

Document Imaging

Document Subsection: Document Management Systems
 Managing Department: Information Technology Services
 Supporting Department(s): Multiple Departments
 ORG: 55211885

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 10 years

Document Imaging													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	2,224,375	2,224,375	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	2,224,375	2,224,375	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	2,224,375	2,224,375	0	0	0	0	0	0	0	0	0	0	0
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: No changes from prior year CIP. As of 02/2014, there is a \$154,507 project balance.													

Project Description & Justification

This project provides for new and replacement hardware, software, licensing, upgrades, and professional services for document imaging initiatives. Funds are also used to support continual improvements and new development to imaging technologies that support the City's core applications.

In addition, this project will fund the development of new imaging applications, or the development of custom interfaces to existing applications. Due to the unique and specialized skillsets needed in imaging development, the City will procure professional services for a majority of these efforts. Due to resource constraints, this project has been dormant for several years. There is now built-up demand for improvements and upgrades to document imaging services.

The introduction of several new enterprise applications has also increased departmental interest in new custom applications and new interfaces. Since document imaging technology not been upgraded in more than 6 years, new developments will require a full software and infrastructure upgrade. It is anticipated that funding will be needed to support new programs associated with other on-going efforts.

Document imaging initiatives underway in support of the Enterprise Resources Planning project and the Permit Center consolidation have no additional required infrastructure improvements.

Strategic Plan & City Manager's Performance Plan
<p>Primary Strategic Plan Goal: Goal 5 – Financial Sustainability</p> <p>Focus Area: Accountable, Effective, & Well-Managed Government</p> <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Real Estate Assessment System (CAMA)

Document Subsection: Financial Systems
 Managing Department: Finance Department
 Supporting Department(s): Information Technology Services
 ORG: TBD

Project Location: City of Alexandria – Finance Dept.
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 5 years

Real Estate Assessment System (CAMA)													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	830,000	0	0	0	0	30,000	600,000	200,000	0	0	0	0	830,000
Financing Plan													
General Obligation Bonds	0	0	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	830,000	0	0	0	0	30,000	600,000	200,000	0	0	0	0	830,000
Total Financing Plan	830,000	0	0	0	0	30,000	600,000	200,000	0	0	0	0	830,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	30,000	30,900	31,827	32,782	33,765	159,274
Cumulative Impact			0	0	0	0	0	30,000	60,900	92,727	125,509	159,274	159,274
Changes from Prior Year CIP: New project added for FY 2018 - 2020. Planned replacement of current Real Estate Assessment System.													

Project Description & Justification

This project funds improvements to the City's Computer Assisted Mass Appraisal (CAMA) System, which uses statistical software and data management tools to support accurate and uniform property assessments.

This project is currently being reviewed for replacement, and possible integration with the City's Enterprise Resource Planning System in FY 2016. The City's current CAMA system is near the end of its life cycle, and the update is necessary to keep up with current technology.

The project will improve the valuation processes and procedures, which supports over 50% of the City's total revenues.

City's Strategic Plan & City Manager's Performance Plan

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective, & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area Team: Livable, Green, & Prospering City

- Increase the value of the real estate tax base

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional operating impact of \$30,000 in FY 2020 includes costs for software and hardware maintenance of the new system, offset by savings for not having to maintain the old system. Annual inflation is factored in beginning FY 2021 and every year thereafter.

Enterprise Resource Planning System

Document Subsection: Financial Systems Project Location: City of Alexandria – Finance/Human Resources/ITS
 Managing Department: Information Technology Services Reporting Area: N/A
 Supporting Department(s): Human Resources, Finance Project Category: IT Plan
 ORG: 55211946 Estimated Useful Life: Varies Based on Applications

Enterprise Resource Planning System													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	4,225,000	3,650,000	75,000	100,000	100,000	100,000	100,000	100,000	0	0	0	0	575,000
Financing Plan													
Prior City Funding	3,650,000	3,650,000	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	575,000	0	75,000	100,000	100,000	100,000	100,000	100,000	0	0	0	0	575,000
Total Financing Plan	4,225,000	3,650,000	75,000	100,000	100,000	100,000	100,000	100,000	0	0	0	0	575,000
Add. Operating Impact													
Annual Impact			147,000	151,410	155,952	160,631	165,450	170,413	175,526	180,791	186,215	191,802	1,685,190
Cumulative Impact			147,000	298,410	454,362	614,993	780,443	950,856	1,126,382	1,307,173	1,493,389	1,685,190	1,685,190
Changes from Prior Year CIP: Last year's CIP included \$425,000 for require hardware and software upgrades. A total of \$150,000 was added to this year's plan based on updated project system needs.													

Project Description & Justification

The City has acquired and is implementing an Enterprise Resource Planning (ERP) software suite to improve the automation and support for a range of administrative and management applications.

City staff has completed Phases 1 and 2 of the ERP software suite implementation. Phase 1 modules (including General Ledger, Accounts Payable, Purchasing and Budgeting) went live in June 2013. Phase 2 modules (Human Resources and Payroll) went live in December 2013. The City is realizing its anticipated return on investment on the modules that are now operational. Further returns on investment will be gained when the final two phases of the project are completed and are operational. Remaining modules include Contract Management, Asset Management, Training Management, Employee Self-Service and Vendor Self-Service.

Strategic Plan & City Manager's Performance Plan
<p>Primary Strategic Plan Goal: Goal 5 – Financial Sustainability</p> <p>Focus Area: Accountable, Effective & Well-Managed Government</p> <ul style="list-style-type: none"> • Ensure government is accountable to the community • Achieve results the community values • Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> • N/A

Additional Operating Budget Impact
<p>A full-time Enterprise Resource Project Manager for Human Resources will be added to the operating budget in FY 2015 at a cost of \$147,000. Previous costs for hardware and software maintenance were included as part of the FY 2014 operating budget. The \$147,000 represents the additional impact only, and is increased by inflation in FY 2016 and every year thereafter.</p>

Business Tax System/Reciprocity Contractor System

Document Subsection: Financial Systems
 Managing Department: Finance Department
 Supporting Department(s): Information Technology Services
 ORG: 5521883

Project Location: City of Alexandria – Finance Dept.
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 5-10 years

Business Tax System/Reciprocity Contractor System													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,621,595	1,049,595	0	0	90,000	0	0	0	100,000	382,000	0	0	572,000
Financing Plan													
General Obligation Bonds	299,980	299,980	0	0	0	0	0	0	0	0	0	0	
Cash Capital	1,321,615	749,615	0	0	90,000	0	0	0	100,000	382,000	0	0	572,000
Total Financing Plan	1,621,595	1,049,595	0	0	90,000	0	0	0	100,000	382,000	0	0	572,000
Add. Operating Impact													
Annual Impact			0	0	0	22,000	22,660	23,340	24,040	24,761	25,504	26,269	168,574
Cumulative Impact			0	0	0	22,000	44,660	68,000	92,040	116,801	142,305	168,574	168,574
Changes from Prior Year CIP: Last year's CIP did not include any funding for this project after FY 2014. Funding is now planned in FY 2017 for required system upgrades and FY 2021 and FY 2022 for potential system replacement.													

Project Description & Justification

The City implemented the primary system modules for a new Business Tax System in calendar years 2010 and 2011. The new application integrates major tax business collection systems into one system, and supports business licenses, business personal property taxes and other business-related taxes. The goal of this project is to improve efficiency through the integration of tax revenue assessments and collections.

The Reciprocity Contractor System project has been combined with Business Tax System. The Reciprocity Contractor System replaces an existing computer application used to record reciprocity contractor gross receipts and payments for business license taxes. Reciprocity contractors must obtain a business license after reaching an annual gross receipt threshold. This system will track the amount of revenue earned for tax purposes, establishing a more accurate means of reporting and allowing reciprocity contractors to file taxes over the internet.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
Focus Area: Livable, Green & Prospering City <ul style="list-style-type: none"> Ensure Alexandria supports, retains, and attracts businesses
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional operating impact of \$22,000 in FY 2018 includes costs for software and hardware maintenance of the new system, offset by savings for not having to maintain the old system. Annual inflation is factored in beginning FY 2019 and every year thereafter. Costs associated with a new system in FY 2022 will be offset by decreased costs from maintaining the old system.

Real Estate Accounts Receivable System

Document Subsection: Financial Systems
 Managing Department: Finance Department
 Supporting Department(s): Information Technology Services
 ORG: 55211931

Project Location: City of Alexandria – Finance Dept.
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 10 Years

Real Estate Accounts Receivable System													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	505,000	0	0	0	325,000	60,000	0	0	0	120,000	0	0	505,000
Financing Plan													
General Obligation Bonds	0	0	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	505,000	0	0	0	325,000	60,000	0	0	0	120,000	0	0	505,000
Total Financing Plan	505,000	0	0	0	325,000	60,000	0	0	0	120,000	0	0	505,000
Add. Operating Impact													
Annual Impact			0	0	0	20,000	20,600	21,218	21,855	22,510	23,185	23,881	153,249
Cumulative Impact			0	0	0	20,000	40,600	61,818	83,673	106,183	129,368	153,249	153,249
Changes from Prior Year CIP: Last year's CIP did not include any funding for this project. Funding if provided in FY 2017 - 2018 for a new system or system update, and in FY 2022 for further system updates.													

Project Description & Justification

This project supports the accounts receivable portion of the City's real estate tax system. The current receivables system is on an outdated platform. Funds in the amount of \$325,000 in FY 2017 will be used to replace the existing system with a robust, integrated application.

This project supports more effective collection of funds with less management oversight. The upgrade will improve the management and functionality of the system, ensuring the delivery of government services in a more efficient manner. The City is in the process of developing requirements study in order to issue a Request for Proposals (RFP) for the replacement system utilizing prior year project balances.

City's Strategic Plan & City Manager's Performance Plan
<p>Primary Strategic Plan Goal: Goal 5 – Financial Sustainability</p> <p>Focus Area: Accountable, Effective & Well-Managed Government</p> <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government <p>Focus Area Team: Livable, Green & Prospering City</p> <ul style="list-style-type: none"> Increase the value of the real estate tax base
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
<p>An additional operating impact of \$20,000 in FY 2018 includes costs for software and hardware maintenance of the new system, offset by savings for not having to maintain the old system. Annual inflation is factored in beginning FY 2019 and every year thereafter. Costs associated with a new system in FY 2022 will be offset by decreased costs from maintaining the old system.</p>

Personal Property Tax System

Document Subsection: Financial Systems
 Managing Department: Finance Department
 Supporting Department(s): Information Technology Services
 ORG: TBD

Project Location: City of Alexandria – Finance Dept.
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 10 years

Personal Property Tax System													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	990,000	100,000	0	0	90,000	460,000	0	0	0	0	60,000	280,000	890,000
Financing Plan													
General Obligation Bonds	0	0	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	990,000	100,000	0	0	90,000	460,000	0	0	0	0	60,000	280,000	890,000
Total Financing Plan	990,000	100,000	0	0	90,000	460,000	0	0	0	0	60,000	280,000	890,000
Add. Operating Impact													
Annual Impact			0	0	0	0	25,000	25,750	26,523	27,318	28,138	28,982	161,710
Cumulative Impact			0	0	0	0	25,000	50,750	77,273	104,591	132,728	161,710	161,710
Changes from Prior Year CIP: Last year's CIP did not include any funding for this project after FY 2014. Funding is now planned in FY 2017 - 2018 to update the existing system.													

Project Description & Justification

The City's personal property tax system for the administration of vehicle taxes is a stand-alone system that was developed in-house in the late 1990's and modified as required. This system accounts for the assessment and tax payment processing for all vehicles parked, stored, or garaged in the City; the processing of appeals for personal property assessments; maintenance of vehicle tax records; and the certification of qualified vehicles for personal property tax relief.

This project supports upgrades of the personal property tax system to more current technology. Funds provided in FY 2017 and FY 2018 in the amounts of \$90,000 and \$460,000 respectively will be used to update the system to a modern platform.

City's Strategic Plan & City Manager's Performance Plan

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional operating impact of \$25,000 in FY 2019 includes costs for software and hardware maintenance of the updates. Annual inflation is factored in beginning FY 2020 and every year thereafter.

Finance Payment Kiosk

Document Subsection: Financial Systems
 Managing Department: Finance Department
 Supporting Department(s): N/A
 ORG: 55212083

Project Location: City of Alexandria – Finance Dept.
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Finance Payment Kiosks													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	50,000	50,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	50,000	50,000	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	50,000	50,000	0										
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: No changes from prior year CIP. As of 02/2014, there is a \$50,000 project balance.													

Project Description & Justification

This project funds the installation of self-service payment kiosks, which will allow citizens the ability to transact City business in remote locations around the City.

While many tax payments can be made online or through the mail, some tax related transactions still require a visit to City hall. A prior year project balance of \$50,000 is available when additional kiosks are deployed. No additional funding has been provided for kiosk implementations at this time.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Handheld Data Collection Devices

Document Subsection: Financial Systems
 Managing Department: Real Estate Assessments
 Supporting Department(s): Finance Department and Information Technology Services
 ORG: TBD

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Handheld Data Collection Devices (Real Estate Assessment)													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	25,000	0	0	0	0	25,000	0	0	0	0	0	0	25,000
Financing Plan													
Cash Capital	25,000	0	0	0	0	25,000	0	0	0	0	0	0	25,000
Total Financing Plan	25,000	0	0	0	0	25,000	0	0	0	0	0	0	25,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: Prior year (FY 2013) funding of \$25,000 has been removed from this project and reprogrammed for other City projects. Currently technology is sufficient for real estate assessment field data collection. Funding in FY 2018 has been added to replace existing technology.													

Project Description & Justification

This project procures 11 handheld devices to be used by Real Estate Assessments appraisers in the field. These devices will allow the City's appraisers to access the City's Computer Assisted Mass Appraisal (CAMA) and GIS systems remotely, and to update property information. Funds in the amount of \$25,000 are programmed in FY 2018 which aligns with the timeframe when the legacy (CAMA) system will be reviewed for replacement.

This project will enhance Real Estate Assessments' staff productivity by improving the efficiency and accuracy of field work. This ultimately will allow the City's appraisers to visit more properties, and to capture additional new growth.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability Focus Area Accountable, Effective, & Well-Managed Government <ul style="list-style-type: none"> Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Employee Pension Administration System

Document Subsection: Financial Systems
 Managing Department: Finance Department
 Supporting Department(s): Information Technology Services
 ORG: NEW

Project Location: City of Alexandria – Finance Dept.
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 5 years

Employee Pension Administration System													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	550,000	0	0	0	0	300,000	50,000	0	0	0	175,000	25,000	550,000
Financing Plan													
Cash Capital	550,000	0	0	0	0	300,000	50,000	0	0	0	175,000	25,000	550,000
Total Financing Plan	550,000	0	0	0	0	300,000	50,000	0	0	0	175,000	25,000	550,000
Add. Operating Impact													
Annual Impact			0	0	0	0	(250,000)	(200,000)	(150,000)	(50,000)	0	0	(650,000)
Cumulative Impact			0	0	0	0	(250,000)	(450,000)	(600,000)	(650,000)	(650,000)	(650,000)	(650,000)
Changes from Prior Year CIP: New project added beginning FY 2018.													

Project Description & Justification

This project provides funds to acquire and implement an Employee Pension Administration System to support the City's responsibilities for retirement plan administration. This project supports the Finance department's strategic plans for long-term financial stability of the City.

City's Strategic Plan & City Manager's Performance Plan
<p>Primary Strategic Plan Goal: Goal 5 – Financial Sustainability</p> <p>Focus Area: Accountable, Effective & Well-Managed Government</p> <ul style="list-style-type: none"> Ensure government is accountable to the community Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
<p>A significant reduction in operating cost savings is expected beginning FY 2019 by ceasing to supporting a third-party administering the City's retirement plan.</p>

Phone, Web, Portable Device Payment Portals

Document Subsection: Financial Systems
 Managing Department: Finance Department
 Supporting Department(s): Information Technology Services
 ORG: NEW

Project Location: City of Alexandria – Finance Dept.
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 3-5 years

Phone, Web, Portable Device Payment Portals													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,060,000	0	0	560,000	160,000	0	0	340,000	0	0	0	0	1,060,000
Financing Plan													
Cash Capital	1,060,000	0	0	560,000	160,000	0	0	340,000	0	0	0	0	1,060,000
Total Financing Plan	1,060,000	0	0	560,000	160,000	0	0	340,000	0	0	0	0	1,060,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: This is a new project added beginning FY 2016 to provide customers with additional payment methods.													

Project Description & Justification

This project provides funds for the implementation of several taxpayer self-service tools including telephone Interactive Voice Response (IVR), secure Internet payment and account maintenance, and payment interfaces that are compatible with mobile devices such as tablets and smartphones.

These initiatives will improve revenue collection rates, streamline internal business operations and improve customer service to meet public expectations.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government
<ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
Focus Area: Livable, Green & Prospering City
<ul style="list-style-type: none"> Ensure Alexandria supports, retains, and attracts businesses
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
Additional operating impacts will be offset by decreases in costs for internal business operations.

GIS Development

Document Subsection: Geographic Information Systems
 Managing Department: Planning and Zoning
 Supporting Department(s): Multiple Departments
 ORG: 55211948

Project Location: City of Alexandria – Planning & Zoning Dept.
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies Based on Applications

Geographic Information Services (GIS) Development													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	0	70,000	230,000	160,000	190,000	0	100,000	0	0	0	0	0	680,000
Financing Plan													
Prior City Funding	184,925	70,000	0	0	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	0	230,000	160,000	190,000	0	100,000	0	0	0	0	0	680,000
Total Financing Plan	184,925	70,000	230,000	160,000	190,000	0	100,000	0	0	0	0	0	680,000
Add. Operating Impact													
Annual Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Changes from Prior Year CIP: Slight decrease in planned funding from FY 2015 - 2019 from, \$720,000 to \$680,000 based on revised request from department based on updated annual needs.													

Project Description & Justification

The City's Geographic Information System (GIS) provides the primary source of information on over 100 layers of spatial data (parcels, fire hydrants, population, etc.) and the application and staff resources to access and analyze this data. Access to GIS data allows the City to better inform staff, decision makers and the public on many aspects of City operations. GIS provides this information through applications that address an extensive array of business needs.

In FY 2012, a GIS Strategic Plan was produced to ensure resources are aligned with GIS priorities over the next 5 years.

Funds programmed in the amount of \$230,000 for FY 2015 will support several projects including walkability and parking studies, Mobile GIS implementation, and biennial map updates. Funds in the amount of \$160,000 in FY 2016 will support program and facilities location selection and Automated Vehicle Location (AVL). Funds programmed in the amount of \$190,000 in FY 2017 will support Secure Sharing of Analytical Data, Document Storage and Retrieval, and Biennial orthophotography and planimetric base mapping updates.

Funds in the remaining years of the plan will support the ongoing function of GIS in the City. Additional resources may be requested in as GIS Strategic Plan objectives are completed and new ones are initiated.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
Focus Area: Livable, Green & Prospering City <ul style="list-style-type: none"> Ensure Alexandria supports, retains, and attracts businesses
Focus Area: Safe, Secure & Just Community <ul style="list-style-type: none"> Increase survivability from medical emergencies and traumatic injuries (through Computer Aided Dispatch Support)
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> GIS Strategic Plan, 2012

Additional Operating Budget Impact
Unknown at this time. Additional operating costs will be identified as specific technologies are implemented.

Alexandria Justice Information System (AJIS) Enhancements

Document Subsection: Public Safety Systems Project Location: City of Alexandria – Circuit Court
 Managing Department: Circuit Court Judges' Chambers Reporting Area: N/A
 Supporting Department(s): Circuit Court Clerk's Office and Information Technology Services Project Category: IT Plan
 ORG: 55211964 Estimated Useful Life: Varies Based on Applications

Alexandria Justice Information System (AJIS) Enhancements													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	69,054	151,000	131,000	73,000	40,000	40,000	40,000	150,000	0	0	0	0	474,000
Financing Plan													
Prior City Funding	69,054	151,000	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	0	131,000	73,000	40,000	40,000	40,000	150,000	0	0	0	0	474,000
Total Financing Plan	69,054	151,000	131,000	73,000	40,000	40,000	40,000	150,000	0	0	0	0	474,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: Last year's CIP did not include any funding for this project after FY 2014. To ensure hardware and software updates are made associated with maintaining the AJIS, a total of \$474,000 has been added to the CIP.													

Project Description & Justification

The Alexandria Justice Information System (AJIS) continues to provide multiple City agencies and the law enforcement community with access to critical civil, criminal court and inmate management data, mug shots, documents, and reports. AJIS interfaces with other systems to furnish data to other local, regional, and national law enforcement agencies. Additionally, AJIS provides the public with free as well as fee-based internet access to Circuit Court data and documents. Users depend on AJIS to provide mission-critical court and jail management information around the clock. Agencies use AJIS to help confirm compliance with accreditation standards, grant applications and for other statistical needs.

AJIS funding is used to support regular hardware upgrades needed to accommodate increased functionality and expanded database storage, including document and image archival. Additionally, periodic software upgrades and updates are needed to maintain compatibility and warranty support.

Funds in the amount of \$131,000 in FY 2015 will be used for programming a new fiduciary model. These funds will also allow for additional AJIS enhancements including acquiring new imaging licenses and software to scan case documents into AJIS.

Currently, AJIS subscribers are limited to the use of a single Internet browser. FY 2015 funding will be used to make the necessary changes so that AJIS can be accessible to subscribers using multiple Internet browsers. Funds programmed in the amount of \$73,000 in FY 2016 will be used for implementing electronic signatures. Funds in the remaining years of the plan will support the ongoing function of AJIS in the City. Additional funds may be requested in those years as new needs are identified.

AJIS is an ongoing, mission-critical system and will operate indefinitely. AJIS will continue to be modified to provide new functionality, adjust to agency mandates, and to meet user requests and citizen needs.

Strategic Plan & City Manager's Performance Plan

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Safe, Secure & Just Community

- Reduce crime

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional impact to the operating budget is not anticipated.

Fire Records Management Project

Document Subsection: Public Safety Systems
 Managing Department: Department of Emergency Communications and Fire Department
 Supporting Department(s): Information Technology Services
 ORG: 55211952

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 5-7 years

Fire Records Management Project													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	484,811	484,811	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	484,811	484,811	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	484,811	484,811	0	0	0	0	0	0	0	0	0	0	0
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: No changes from prior year CIP. As of 02/2014, there is a \$63,157 project balance.													

Project Description & Justification

This project provides for the phased replacement, enhancement, and integration of the City's mission-critical Fire and EMS computer-aided dispatch and records management system. The project supports the technology needs of our essential public safety systems, including computers and ancillary equipment, computer-aided dispatch software and servers, and their interface to both Fire Department and external systems such as the regional CAD-to-CAD initiative.

This project will be discontinued when the new CAD/RMS system is fully implemented. Operating costs will be budgeted in the Department of Emergency Communications' budget. There are no changes in this project from the prior fiscal year.

City's Strategic Plan & City Manager's Performance Plan
<p>Primary Strategic Plan Goal: Goal 6 – Public Safety</p> <p>Focus Area: Safe, Secure & Just Community</p> <ul style="list-style-type: none"> Reduce harm to people and property from fire Increase survivability from medical emergencies and traumatic injuries Reduce harm to people or property from disasters <p>Focus Area: Accountable, Effective & Well-Managed Government</p> <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values
<p>External or Internal Adopted Plan or Recommendation</p> <ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

EMS Records Management System

Document Subsection: Public Safety Systems
 Managing Department: Fire Department
 Supporting Department(s): Information Technology Services
 ORG: 55211961

Project Location: City of Alexandria – Fire Dept.
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 5-7 years

EMS Records Management System													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	193,500	193,500	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	193,500	193,500	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	193,500	193,500	0										
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: No changes from prior year CIP. As of 02/2014, there is a \$32,645 project balance.													

Project Description & Justification

The City uses the Emergency Medical Records Management System (RMS) to gather data regarding Emergency Medical Services (EMS) responses to medical emergencies. The data in this system is used to provide a hard copy report to hospitals on patient status when a patient is transported to a hospital. The data is transferred to the Fire/EMS RMS. A data transfer is subsequently made to the City's ambulance billing agency for the calculation and collection of the appropriate ambulance billing charges. There are no changes in this project from the prior fiscal year.

This project will be discontinued when the new CAD/RMS system is fully implemented. Operating costs will be budgeted in the Department of Emergency Communications' budget. There are no changes in this project from the prior fiscal year.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 6 – Public Safety
Focus Area: Safe, Secure & Just Community
<ul style="list-style-type: none"> Reduce harm to people and property from fire Increase survivability from medical emergencies and traumatic injuries Reduce harm to people or property from disasters
Focus Area: Accountable, Effective & Well-Managed Government
<ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Computer Aided Dispatch System Replacement

Document Subsection: Public Safety Systems
 Managing Department: Department of Emergency Communications (DEC)
 Supporting Department(s): Multiple Departments
 ORG: 55211954

Project Location: City of Alexandria – DEC
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 10 – 15 years

Computer Aided Dispatch (CAD) System													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	18,222,000	15,000,000	230,000	366,000	635,000	315,000	1,411,000	265,000	0	0	0	0	3,222,000
Financing Plan													
Prior City Funding	15,000,000	15,000,000	0	0	0	0	0	0	0	0	0	0	
Cash Capital	3,222,000	0	230,000	366,000	635,000	315,000	1,411,000	265,000	0	0	0	0	3,222,000
Total Financing Plan	18,222,000	15,000,000	230,000	366,000	635,000	315,000	1,411,000	265,000	0	0	0	0	3,222,000
Add. Operating Impact													
Annual Impact			426,495	1,025,000	1,435,000	1,323,000	1,418,000	1,505,000	1,394,000	1,419,000	1,580,000	1,544,000	13,069,495
Cumulative Impact			426,495	1,451,495	2,886,495	4,209,495	5,627,495	7,132,495	8,526,495	9,945,495	11,525,495	13,069,495	13,069,495

Changes from Prior Year CIP: Last year's CIP included a total of \$2.11 million for the required periodic replacement of equipment that will support the CAD, Records Management, Fire Station Alerting and other system hardware and software components. A more thorough analysis indicated that total costs through FY 2020 for support of this project total \$3.22 million.

Project Description & Justification

This project funds the acquisition and implementation of a state-of-the-art Computer Aided Dispatch (CAD) system that meets the consolidated requirements of the Police and Fire Departments as well as the Sheriff's Office in order to provide the greatest measure of reliability and assured response to the region while performing critical public safety functions around-the-clock. CAD also interfaces with the Police and Fire Records Management System (RMS). The RMS housing historical data is used to provide critical information to support tactical decisions on the scene. This tight integration necessitates the simultaneous replacement of the Police and Fire RMS.

The City finalized a contract with TriTech Software Systems in January 2013 to provide a combination of software, hardware, third party items, and services that comprise the replacement CAD and Mobile systems. The City kicked off the CAD replacement project with TriTech in January 2013 and project will be finalized in the fall of 2014. AFD will upgrade their RMS utilizing the current support vendor while the new APD RMS will be implemented under a separate contract with Intergraph. The City kicked off the APD RMS replacement project in November 2013. That project is scheduled for an 18-month implementation ending in the summer of 2015.

There are several elements to what is being budgeted in this project. Equipment that must be replaced due to normal wear-and-tear (workstations, monitors, servers, switches) and items relating to data storage requirements (data domain expansion, and storage area network (SAN) storage disks and arrays) as it is understood that the data maintained in these systems will continue to grow and will need to be managed, maintained and retrieved throughout the lifecycle of these systems.

City's Strategic Plan & City Manager's Performance Plan

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure & Just Community

- Reduce harm to people and property from fire
- Increase survivability from medical emergencies and traumatic injuries
- Reduce crime
- Reduce harm to people or property from disasters
- Reduce harm to people or property from building failures

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Additional operating impact in FY 2015 includes conversion of two GIS positions paid for in the capital budget which will be converted to FTEs in January 2015; two new DEC and one new Fire position for system administration; and one reclassification of an existing police position (\$426,495). In FY 2016 and beyond, hardware and software maintenance agreements are budgeted along with position costs adjusted annually for inflation.

Fire Radios

Document Subsection: Public Safety Systems
 Managing Department: Fire Department
 Supporting Department(s): Department of Emergency Communications
 ORG: 55211951

Project Location: City of Alexandria – Fire Dept.
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 5-8 years

Fire Radios													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,244,000	850,000	394,000	0	0	0	0	0	0	0	0	0	394,000
Financing Plan													
Cash Capital	1,244,000	850,000	394,000	0	0	0	0	0	0	0	0	0	394,000
Total Financing Plan	1,244,000	850,000	394,000	0	394,000								
Add. Operating Impact													
Annual Impact			0	46,600	47,998	49,438	50,921	52,449	54,022	55,643	57,312	59,031	473,414
Cumulative Impact			0	46,600	94,598	144,036	194,957	247,406	301,428	357,071	414,383	473,414	473,414
Changes from Prior Year CIP: New funding added in FY 2015 to complete planned radio purchase and provided for needed software upgrades.													

Project Description & Justification

This project provides funds for the Fire Department's purchase of 140 ruggedized Motorola ergonomic radios over three fiscal years (FY 2013 – FY 2015) as well as funding for programming the 140 radios to ensure compatibility with older radios in the region.

Funds in the amount of \$30,000 were provided in FY 2012 to allow the Fire Department to do a pilot test with an initial purchase of four radios. A recommendation to seek funding to purchase additional radios was made based on this pilot program. Additional funding of \$425,000 was provided in both FY 2013 and FY 2014 for purchases. FY 2015 funding will be used for hardware and software required for compatibility purposes.

The Fire Department has purchased 140 radios to date, which are scheduled to be deployed in late summer of 2014 once programming and training are complete.

The new radios are designed for firefighters who are subjected to Immediate Danger to Life and Health (IDLH) environments. They are ergonomically designed for rescuers who must use the radios while in protective clothing.

City's Strategic Plan & City Manager's Performance Plan

Primary Strategic Plan Goal: Goal 6 – Public Safety

Focus Area: Safe, Secure & Just Community

- Reduce harm to people and property from fire
- Increase survivability from medical emergencies and traumatic injuries
- Reduce harm to people or property from disasters
- Reduce harm to people or property from building failures

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Additional operating costs are budgeted beginning in FY 2015 for software maintenance cost increases and the replacement of six radios annually due to damage. Software maintenance costs are increased annually for inflation.

Remote Radio Technology

Document Subsection: Public Safety Systems
 Managing Department: Sheriff's Office
 Supporting Department(s): Information Technology Services
 ORG: 55212189

Project Location: City of Alexandria – Sheriff's Office
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 10 years

Remote Radio Technology													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	24,000	24,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	24,000	24,000	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	24,000	24,000	0	0	0	0	0	0	0	0	0	0	0
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: No changes from prior year CIP. As of 02/2014, all funds have been encumbered for this project.													

Project Description & Justification

This project funds a pilot program by the Sheriff's Office to expand radio communication capability by allowing radio transmissions to be received on staff mobile devices, laptops, and desktop computers. The technology allows for encrypted real time "push-to-talk" communications capability across Wi-Fi or wireless data networks anywhere in the world.

This technology can enhance the safety of Deputy Sheriffs when transporting prisoners outside of radio communications coverage areas. It will allow Deputies to remain connected in real time to, the Sheriff's Office, and City law enforcement communication channels. As of January 2014, the Sheriff's Office is finalizing the procurement of equipment so that the installations can start later this year. This project is currently not funded beyond FY 2015.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 6 – Public Safety
Focus Area: Safe, Secure & Just Community
<ul style="list-style-type: none"> Reduce harm to people or property from disasters
Focus Area: Accountable, Effective & Well-Managed Government
<ul style="list-style-type: none"> Ensure government is accountable to the community
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Radio Network Upgrade

Document Subsection: Public Safety Systems
 Managing Department: Department of Emergency Communications
 Supporting Department(s): Police Department, Fire Department
 ORG: 55212302

Project Location: City of Alexandria - DEC
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 8 -10 years

Radio Network Upgrade													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	61,237	61,237	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	61,237	61,237	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	61,237	61,237	0	0	0	0	0	0	0	0	0	0	0
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: No changes from prior year CIP. As of 02/2014, there is a \$61,237 project balance.

Project Description & Justification

This project funds upgrading multiplex cards for the City's radio system. The current multiplex cards have not been updated in 6 years and have reached the end of their life cycle. Upgrading this equipment will provide greater reliability and longevity to the public safety radio system.

The Department of Emergency Communications (DEC) has requested quotations from vendors for the multiplex cards, and will execute a purchase order to the selected vendor once this is finalized. It is anticipated that the purchase order will be issued in the spring of 2014 and the work will begin later this year to be completed by the end of the calendar year.

City's Strategic Plan & City Manager's Performance Plan
<p>Primary Strategic Plan Goal: Goal 6 – Public Safety</p> <p>Focus Area: Safe, Secure & Just Community</p> <ul style="list-style-type: none"> Reduce harm to people and property from fire Increase survivability from medical emergencies and traumatic injuries Reduce harm to people or property from disasters Reduce harm to people or property from building failures <p>Focus Area: Accountable, Effective & Well-Managed Government</p> <ul style="list-style-type: none"> Ensure government is accountable to the community
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Permit Processing

Document Subsection: Other System Development Projects
 Managing Department: Code Enforcement
 Supporting Department(s): Multiple Departments
 ORG: 55211955

Project Location: City of Alexandria – Code Enforcement
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 15 years

Permit Processing System													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	1,729,000	0	1,700,000	29,000	0	0	0	0	0	0	0	0	1,729,000
Financing Plan													
Cash Capital	405,600	405,600	0	0	0	0	0	0	0	0	0	0	0
Transfer from Code Fund	2,229,000	500,000	1,700,000	29,000	0	0	0	0	0	0	0	0	1,729,000
Total Financing Plan	2,634,600	905,600	1,700,000	29,000	0	0	1,729,000						
Add. Operating Impact													
Annual Impact			100,000	103,000	106,090	109,273	112,551	115,927	119,405	122,987	126,677	130,477	1,146,388
Cumulative Impact			100,000	203,000	309,090	418,363	530,914	646,841	766,246	889,234	1,015,911	1,146,388	1,146,388
Changes from Prior Year CIP: Planned costs in FY 2015 increased from \$1.2 to \$1.7 million based on more detailed scope of work and system requirements. All funding in FY 2015 planned from the Code Fund.													

Project Description & Justification

This project provides funds for the replacement of the City's primary building-related permit system, which supports the administration of the City's land development process and is used by multiple agencies including: Code Administration, Transportation & Environmental Services, Planning and Zoning and the Health Department.

Permit processes include the administration of commercial and residential permits for building and trade work, fire prevention, outdoor dining, elevators, noise permits, and the residential rental inspections program. The permitting system also supports administrative and city ordinance processes such as site plans, developmental special use permits (DSUP), special use permits (SUP), board of architectural review cases (BAR), Board of Zoning Appeal cases (BZA), certificates of occupancy (CO), code modifications, vacant building registrations, unfit properties, hauling, reserved parking, and complaint processes regarding maintenance of existing structures, civil penalties, fire inspections, tenant/ landlord complaints, SUP and BAR violations.

The legacy software will be replaced with up-to-date technology that will help address the City's current challenges to provide online permit processing, online payments, and online plan review. The City issued a Request for Proposals (RFP) to engage a services vendor to assist in developing a multi-agency Needs Assessment and a System Requirements document. This initiative began in November 2013 and will be finalized in the spring of 2014. The City will utilize the deliverables from the consultant services engagement to assist in procuring a suitable new permitting solution.

Funds in the amount of \$1.7 million in FY 2015 are included to replace the City's existing permitting system.

City's Strategic Plan & City Manager's Performance Plan
<p>Primary Strategic Plan Goal: Goal 1 – Economic Development</p> <p>Focus Area: Livable, Green & Prospering City</p> <ul style="list-style-type: none"> Ensure Alexandria supports, retains, and attracts businesses <p>Focus Area: Accountable, Effective & Well-Managed Government</p> <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government <p>Focus Area: Safe, Secure & Just Community</p> <ul style="list-style-type: none"> Reduce harm to people or property from building disasters
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
Additional operating impacts in FY 2015 include hardware and software annual maintenance agreements, as well as staff support to for the new system (\$100,000). Costs are increased by inflation in FY 2016 and every year thereafter.

DCHS HIPAA Data Security Compliance

Document Subsection: Other System Development Projects
 Managing Department: Department of Community and Human Services
 Supporting Department(s): Information Technology Services
 ORG: 55211894

Project Location: City of Alexandria - DCHS
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies N/A

DCHS HIPAA Data Security Compliance													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	112,199	0	0	25,000	25,000	25,000	30,000	30,000	0	0	0	0	135,000
Financing Plan													
Prior City Funding	112,199	0	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	0	0	25,000	25,000	25,000	30,000	30,000	0	0	0	0	135,000
Total Financing Plan	112,199	0	0	25,000	25,000	25,000	30,000	30,000	0	0	0	0	135,000
Add. Operating Impact													
Annual Impact			0	20,500	21,115	21,748	22,401	23,073	23,765	24,478	25,212	25,969	208,262
Cumulative Impact			0	20,500	41,615	63,363	85,764	108,837	132,602	157,080	182,293	208,262	208,262
Changes from Prior Year CIP: Last year's CIP did not include any funding for this project after FY 2014. Additional funding added back beginning FY 2016 for required system hardware and software updates.													

Project Description & Justification

The Department of Community and Human Services adheres to the Health Insurance Portability and Accountability Act (HIPAA) and its established standards and safeguards that protect the confidentiality, integrity, and availability of protected electronic health information. HIPAA regulations impact all of the Department's functions, processes and systems that store, generate, or report on health information.

This project also funds the hardware and software enhancements for the medical records management system (Cerner/Anasazi). In CY 2013 the Doctor's Home Page was implemented which includes an e-prescribing feature to allow prescriptions to be submitted electronically to pharmacies. Future enhancements to the medical records system include ICD10 which is a federally mandated update to the diagnostic codes used by all medical records practitioners which must be implemented no later than October 1, 2014; DSM5 is the new module for determining the diagnostic codes and replacing the current DSM4. Costs for the ICD10 and DSM5 are actively being updated by the vendor (Cerner) but these have not been made available as of yet.

This project supports a continued self-assessment of our current business functions, our Health Information Technology infrastructure and use, as well as any related impact on HIPAA regulations and other mandated compliance issues.

Funds provided in the out years of FY 2016 through FY 2020 are to meet the future enhancements for mandated updates and to maintain data security requirements and hardware needs.

Strategic Plan & City Manager's Performance Plan

Primary Strategic Plan Goal – Goal 2: Health & Environment

Focus Area: Healthy & Thriving Residents

- Improve City residents' overall health
- Increase self-sufficiency and meaningful quality of life for the City's most vulnerable adults

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Email encryption for 500 users will have an annual cost of \$20,500 beginning in FY 2016; increased by inflation in FY 2017 and every year thereafter.

Enterprise Maintenance Management System

Document Subsection: Other System Development Projects
 Managing Department: CMMS Steering Committee (multi-departmental committee)
 Supporting Department(s): Multiple Departments
 ORG: 55211943

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 10 years

Enterprise Maintenance Management System													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	56,276	117,000	0	100,000	130,000	100,000	40,000	40,000	40,000	0	0	0	450,000
Financing Plan													
Prior City Funding	56,276	117,000	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	0	0	100,000	130,000	100,000	40,000	40,000	40,000	0	0	0	450,000
Total Financing Plan	56,276	117,000	0	100,000	130,000	100,000	40,000	40,000	40,000	0	0	0	450,000
Add. Operating Impact													
Annual Impact			0	0	20,000	20,600	21,218	21,855	22,510	23,185	23,881	24,597	177,847
Cumulative Impact			0	0	20,000	40,600	61,818	83,673	106,183	129,368	153,249	177,847	177,847

Changes from Prior Year CIP: Last year's CIP did not include any funding for this project after FY 2014. Annual funding has been added beginning FY 2016 to support the continued development of the capabilities of Cityworks, the City's enterprise computerized maintenance management system (CMMS).

Project Description & Justification

This project provides for the expansion of the City's maintenance management software to additional departments throughout the City. This system is a service request/work order management system used by departments in the day-to-day activities associated with maintaining assets and infrastructure.

Improvements to this system will add capacity for refined asset health information, enable central access to information, improved reporting, and scheduling of work, and full life cycle management of City owned assets. The maintenance management system integrates with the City's GIS system, serving as an asset inventory and location tracking system and also serves as the foundation of the City's current CRM software, Call.Click.Connect. As the City has an enterprise license for the use of this software, the only costs associated with additional departments' usage of the system is in implementation and configuration.

Funds in the amount of \$100,000 in FY 2016 and additional funding in the out years will be utilized to expand the usage of the software to additional City departments and to provide application upgrades and new module implementations. These improvements will allow the City to eliminate the legacy work order software system, provide mobile access to the application by City employees in the field, and provide greater efficiencies in the tracking and oversight of labor, materials, equipment, scheduling, and contracting costs for asset maintenance.

City's Strategic Plan & City Manager's Performance Plan

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

**Focus Area: Livable, Green and Prospering City
Goal 5 – Financial Sustainability**

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

Recurring annual software maintenance fees will increase by approximately \$20,000 in FY 2017 as modules are licensed and added over the next several years; increased by inflation in FY 2018 and every year thereafter.

DCHS Payment System Replacement

Document Subsection: Other System Development Projects
 Managing Department: Department of Community and Human Services
 Supporting Department(s): Information Technology Services
 ORG: 55211889

Project Location: City of Alexandria - DCHS
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies N/A

DCHS Payment System Replacement													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	422,500	422,500	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	422,500	422,500	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	422,500	422,500	0	0	0	0	0	0	0	0	0	0	0
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: No changes from prior year CIP. As of 02/2014, there is a \$82,521 project balance.													

Project Description & Justification

The DCHS Payment System is a web-based information management framework designed for human services agencies that provide or manage a wide array of programs and services. 'Web Harmony' is the case management/payment system for CSA, CWS, Auxiliary Grants, Companion Services, JobLink Training, Emergency Assistance and Customer Call Center customer tracking. It is the main customer database for social services.

With the exception of cases in TANF, Medicaid, and SNAP, DCHS customers are generally managed in either Web Harmony or Anasazi. Because customers cross the lines of the department's centers, staff from each of the centers should be able to access Web Harmony to share case management information. In order to provide more staff the ability to use the Web Harmony application, additional users will need to be added and funds will be requested in the future for these additional licenses as anticipated.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal – Goal 2: Health & Environment
<p>Focus Area: Healthy & Thriving Residents</p> <ul style="list-style-type: none"> Improve City residents' overall health Increase self-sufficiency and meaningful quality of life for the City's most vulnerable adults <p>Focus Area: Accountable, Effective & Well-Managed Government</p> <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Recreation Database System

Document Subsection: Other System Development Projects
 Managing Department: Recreation Parks and Cultural Activities
 Supporting Department(s): Information Technology Services
 ORG: 55212152

Project Location: City of Alexandria - RPCA
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Recreation Database System													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	50,000	50,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	50,000	50,000	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	50,000	50,000	0	0	0	0	0	0	0	0	0	0	0
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: No changes from prior year CIP. As of 02/2014, there is a \$24,149 balance in this project.													

Project Description & Justification

This project funds the continued development of the capabilities of the Department of Recreation, Parks and Cultural Activities (RPCA)'s registration management system, a computerized program and activity registration system. The system handles league scheduling, facility room reservations, park rentals, class registration, and financial tracking. Funding will be utilized to expand web applications, replace hardware, and develop customized reporting.

Funding was provided to make updates to the legacy system. No additional funding was approved in last year's plan. There are no changes in this project from the prior fiscal year.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal – Goal 2: Health & Environment
<p>Focus Area: Healthy & Thriving Residents</p> <ul style="list-style-type: none"> Improve City residents' overall health Improve quality of resident's leisure time Ensure all children and youth thrive and succeed <p>Focus Area: Accountable, Effective & Well-Managed Government</p> <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

LAN/WAN Infrastructure

Document Subsection: Network Services
 Managing Department: Information Technology Services
 Supporting Department(s): N/A
 ORG: 55211901

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

LAN/WAN Infrastructure													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	240,135	725,000	370,000	260,000	260,000	260,000	260,000	260,000	0	0	0	0	1,670,000
Financing Plan													
Prior City Funding	240,135	0	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	475,000	0	0	0	0	260,000	260,000	0	0	0	0	520,000
Comcast Revenues	0	250,000	370,000	260,000	260,000	260,000	0	0	0	0	0	0	1,150,000
Total Financing Plan	240,135	725,000	370,000	260,000	260,000	260,000	260,000	260,000	0	0	0	0	1,670,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: The prior year CIP included \$1.205 million in funding from FY 2015 - 2019. An additional \$465,000 was added including \$260,000 in FY 2020 to account for updated infrastructure needs.													

Project Description & Justification

This project enables the City to deliver scalable data, voice and video communications on the City's Institutional Network (I-Net).

The I-Net is currently running over a Coarse Wave Division Multiplexing (CWDM) fiber optic network, which provides connection speeds of up to 1 gigabyte to the desktop. This project also funds the replacement and acquisition of networking equipment which includes; core switches, edge switches, firewalls, routers, gigabit modules, fiber optic cable, various networking monitoring tools, packet filtering/ traffic shaping devices, and professional services. Consulting services are used when making network modifications which are required for integration of products or services.

Funding is utilized to maintain a secure, viable and reliable I-Net architecture and to evolve to the next-generation network architecture/ protocols.

Funds in the amount of \$370,000 for FY 2015 and \$260,000 in FY 2016 will be used for the acquisition and/or replacement of network equipment and for network consulting services.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

LAN Development

Document Subsection: Network Services
 Managing Department: Information Technology Services
 Supporting Department(s): N/A
 ORG: 55211897

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

LAN Development													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	41,871	90,000	0	15,000	15,000	25,000	25,000	25,000	0	0	0	0	105,000
Financing Plan													
Cash Capital	41,871	90,000	0	15,000	15,000	25,000	25,000	25,000	0	0	0	0	105,000
Total Financing Plan	41,871	90,000	0	15,000	15,000	25,000	25,000	25,000	0	0	0	0	105,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: Last year's CIP did not include any funding for this project after FY 2014. Funding was added back beginning FY 2016 based on future development needs.													

Project Description & Justification

This project maintains or upgrades the local area network (LAN) infrastructure in City government buildings including: data cabling, punch down blocks, demarcation boxes, racks, and cabinets. This project ensures that current data runs and new data connections associated with office moves and renovations will consistently provide users a 1 gigabit per second data rate or higher based on the latest network technologies deployed in the City.

This project also funds upgrades to the physical spaces (network closets) where the LAN infrastructure resides to ensure that they are adequately cooled, lighted, and secured. The condition of the physical space is critical to the optimal performance of network equipment connecting to the City's I-Net.

On an on-going basis, ITS ensures the quality of the local area network is consistent with I-NET by continuously performing required cable drop maintenance, installation of new or replacement network drops, and other related equipment replacements or upgrades.

Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government
<ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Enterprise Data Storage Infrastructure

Document Subsection: Network Services
 Managing Department: Information Technology Services
 Supporting Department(s): N/A
 ORG: 55211886

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Enterprise Data Storage Infrastructure													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	286,603	300,000	150,000	200,000	400,000	400,000	300,000	200,000	0	0	0	0	1,650,000
Financing Plan													
Prior Funding (City + Comcast)	286,603	300,000	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	0	0	0	0	0	300,000	200,000	0	0	0	0	500,000
Comcast Revenues	0	0	150,000	200,000	400,000	400,000	0	0	0	0	0	0	1,150,000
Total Financing Plan	286,603	300,000	150,000	200,000	400,000	400,000	300,000	200,000	0	0	0	0	1,650,000
Add. Operating Impact													
Annual Impact			0	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	225,000
Cumulative Impact			0	25,000	50,000	75,000	100,000	125,000	150,000	175,000	200,000	225,000	225,000
<small>Changes from Prior Year CIP: Last year's CIP did not include any funding for this project after FY 2014, except for \$144,000 in FY 2019. Annual funding is provided through both Comcast revenues and City funds to maintain and upgrade the back end data storage required for the virtual infrastructure and data backups.</small>													

Project Description & Justification

This project provides funding to maintain and upgrade the back end data storage required for the virtual infrastructure and the enterprise backups. This project includes Storage Area Network (SAN) hardware, software licensing, and enterprise backup hardware. Data storage requirements continue to increase which requires additional storage capacity and proper hardware/software to perform data backups. The SAN's that are deployed throughout the enterprise provide for better disk utilization and data management.

The current storage environment consists of 5 SAN's that vary in size. The SAN platform allows the ability to more quickly and easily identify storage performance problems.

The project provides funding to perform SAN upgrades to include adding storage capacity while maintaining optimal performance. Data retention requirements are to be satisfied per the Virginia Law requirements. As data storage continues to grow the City needs to purchase additional hardware to accommodate for storage of production and backups.

Funds in the amount of \$150,000 in FY 2015 and \$200,000 in FY 2016 will be used for Storage Area Network (SAN) software and hardware upgrades.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional operating impact of \$25,000 is anticipated beginning FY 2016 for additional licensing and maintenance costs. Costs are a rough estimate, thus they are not increased for inflation.

Upgrade Work Station Operating Systems

Document Subsection: Network Services
 Managing Department: Information Technology Services
 Supporting Department(s): N/A
 ORG: 55211900

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Upgrade Work Station Operating Systems													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	191,179	0	200,000	150,000	175,000	200,000	200,000	200,000	0	0	0	0	1,125,000
Financing Plan													
Prior City Funding	191,179	0	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	0	200,000	150,000	175,000	200,000	200,000	200,000	0	0	0	0	1,125,000
Total Financing Plan	191,179	0	200,000	150,000	175,000	200,000	200,000	200,000	0	0	0	0	1,125,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: A total of \$1.0 million was planned from FY 2015 - 2019 in last year's CIP. Based on projected needs, the planned costs were reduced by \$75,000 from FY 2015 - 2019. A total of \$200,000 was added for FY 2020.

Project Description & Justification

This project provides funds to upgrade the operating system on City computer workstations to an appropriate version, as well as additionally required workstation memory, larger capacity hard drives, or other related hardware components as necessary. This project also provides for the labor costs of installing the new operating systems and related software components.

Additionally, this funding is used to test the viability of newer operating systems, mobile devices (e.g. tablets) and desktop technologies with current City applications and hardware. Testing workstations prior to enterprise implementation is necessary to help ensure efficient roll-out of new technology and minimizes disruptions and other compatibility issues.

Funds in the amount of \$200,000 in FY 2015 and \$150,000 in FY 2016 will be used for operating system component upgrades and implementation services, Windows 8 devices, enterprise operating system image services, and mobile device compatibility.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Network Server Infrastructure

Document Subsection: Network Services
 Managing Department: Information Technology Services
 Supporting Department(s): N/A
 ORG: 55211920

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Network Server Infrastructure													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	88,824	0	300,000	500,000	400,000	175,000	175,000	500,000	0	0	0	0	2,050,000
Financing Plan													
Prior Funding (City + Comcast)	88,824	300,000	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	0	0	360,000	400,000	175,000	175,000	500,000	0	0	0	0	1,610,000
Comcast Revenues	0	0	300,000	140,000	0	0	0	0	0	0	0	0	440,000
Total Financing Plan	88,824	300,000	300,000	500,000	400,000	175,000	175,000	500,000	0	0	0	0	2,050,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: A total of \$1.55 million was planned from FY 2015 - 2019 in last year's CIP, with no change in this year's plan. A total of \$500,000 was added in FY 2020.													

Project Description & Justification

This project provides for the phased replacement of the hardware and software required to operate the City's computer network server environment in a safe and reliable manner. These requirements include physical hardware, software upgrades for the network operating system, client access licenses, virtualization licenses, network operating system licenses, client access licenses, and the replacement of network printers that are out of warranty.

Funds programmed in the amount of \$300,000 in FY 2015 and \$500,000 in FY 2016 will be used for software license upgrades, server hardware replacements, implementation services related to new software/hardware configuration, assessment of architecture prior to changes, and network printer replacements. Additional funding was also programmed in the out years, which reflects anticipated need for network infrastructure resources beyond FY 2019.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government
<ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A
Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Information Technology Equipment Replacement

Document Subsection: Network Services
 Managing Department: Information Technology Services
 Supporting Department(s): N/A
 ORG: 55212153

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Information Technology Equipment Replacement													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Allocated Balance (02/14)	Unallocated (02/14)	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	43,168	0	200,000	200,000	200,000	400,000	620,000	620,000	0	0	0	0	2,240,000
Financing Plan													
Cash Capital	43,168	0	200,000	200,000	200,000	400,000	620,000	620,000	0	0	0	0	2,240,000
Total Financing Plan	43,168	0	200,000	200,000	200,000	400,000	620,000	620,000	0	0	0	0	2,240,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0

Changes from Prior Year CIP: A total of \$1.0 million was planned from FY 2015 - 2019 in last year's CIP. Based on projected needs, the planned costs were increased by \$620,000 from FY 2015 - 2019. A total of \$620,000 was added in FY 2020.

Project Description & Justification

Funds in the new equipment replacement program are used to procure new City computer workstations with an appropriate version of Windows and related hardware components as necessary to meet City standards set by Information Technology Services. This project also provides for the labor costs of deploying the new computers at offices throughout the City.

Funds in the amount of \$200,000 in both FY 2015 and FY 2016 will be used for computer equipment and related components and implementation services for computer deployments. This project has additional funds programmed in the out years of this year's plan which reflects updated estimates on upgrade costs throughout the City.

This project ensures that City staff has the IT workstation resources necessary to perform their core job functions, and that the City's physical IT equipment is replaced on an appropriate schedule to minimize downtime and requests for service.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Voice Over Internet Protocol (VoIP) Telephony

Document Subsection: Network Services
 Managing Department: Information Technology Services
 Supporting Department(s): N/A
 ORG: 55211941

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Voice Over Internet Protocol (VoIP)													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	0	0	500,000	450,000	150,000	350,000	150,000	150,000	0	0	0	0	1,750,000
Financing Plan													
Prior Funding (City + Comcast)	169,494	375,000	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	0	0	450,000	150,000	350,000	150,000	150,000	0	0	0	0	1,250,000
Comcast Revenues	0	0	500,000	0	0	0	0	0	0	0	0	0	500,000
Total Financing Plan	169,494	375,000	500,000	450,000	150,000	350,000	150,000	150,000	0	0	0	0	1,750,000
Add. Operating Impact													
Annual Impact			0	30,000	30,900	31,827	32,782	33,765	34,778	35,822	36,896	38,003	304,773
Cumulative Impact			0	30,000	60,900	92,727	125,509	159,274	194,052	229,874	266,770	304,773	304,773

Changes from Prior Year CIP: A total of \$1.3 million was planned from FY 2015 - 2019 in last year's CIP. Based on projected needs, the planned costs were increased by \$250,000 from FY 2015 - 2019. A total of \$150,000 was added for FY 2020.

Project Description & Justification

This project provides funds for the continuous improvements to Voice over Internet Protocol (VoIP), the City's enterprise telephony systems and services. Project funding is used for the City's telephone and telecommunications infrastructure, including software, servers, switches, and handsets.

The VoIP system's current hardware and software is over 4 years old. Since the VoIP system deployment has been completed, ITS has been refining departmental VoIP configurations including call centers, advanced call flows, and implementation of enhanced features to increase productivity as well as create efficient voice communication services across the enterprise. To maintain a viable and reliable VoIP infrastructure, routine hardware replacements and software upgrades need to be performed. To leverage the next generation capabilities, features, integration with City systems and other applications, the VoIP architecture will require software upgrades, new hardware, programming services, training, and licensing. This will allow the City to expand the current VoIP services.

\$500,000 funded in FY 2015 will be used for a VoIP core upgrade. Funds in the amount of \$450,000 in FY 2016 will be used to upgrade the modular messaging voicemail system.

Additional funds programmed in the out years will be used to perform an assessment on delivering unified communications. The assessment will provide ways to integrate call center details, social media sites, instant messaging, web chats, and customer relationship management (CRM) to provide more information to first line staff to improve customer service. The unified communications will also include reporting features which will allow staff to analyze metrics and make process improvements to improve customer satisfaction.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
The estimated increase in annual maintenance agreement costs is \$30,000. The current maintenance agreement expires July 2015. Beginning FY 2016, inflation is added annually.

Network Security

Document Subsection: Network Services
 Managing Department: Information Technology Services
 Supporting Department(s): N/A
 ORG: 55211959

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Network Security													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	0	0	200,000	250,000	225,000	225,000	225,000	225,000	0	0	0	0	1,350,000
Financing Plan													
Prior Funding (City + Comcast)	388,779	0	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	0	0	0	35,000	35,000	225,000	225,000	0	0	0	0	520,000
Comcast Revenues	0	0	200,000	250,000	190,000	190,000	0	0	0	0	0	0	830,000
Total Financing Plan	388,779	0	200,000	250,000	225,000	225,000	225,000	225,000	0	0	0	0	1,350,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: A total of \$715,000 was planned from FY 2015 - 2019 in last year's CIP. Based on projected needs, the planned costs were increased by \$410,000 from FY 2015 - 2019. A total of \$225,000 was added for FY 2020.													

Project Description & Justification

The purpose of this project is to fund the implementation of security technologies to protect the confidentiality, integrity and availability of the City's IT Infrastructure. The City's information security program's function is to proactively identify, assess and recommend solutions for the City's IT vulnerabilities. Evaluating the role of new security technologies and methodologies is a continual process which requires capital investment for hardware, software, and professional services.

Funds in the amount of \$200,000 in FY 2015 and additional funds programmed in the out years of this plan will be used to secure necessary tools for protection of the City's network. In addition, funds will be used to acquire professional services necessary to oversee implementation. The components include a password management tool, replacement for the Network Access Control System, and relicensing of the Nessus Security Center.

This project is necessary to provide continuous improvement in the security of the City network and improves the confidentiality and integrity of the City data. Implementation of security technologies provides a reliable and secure information environment which supports City operations and ensures the delivery of government services in an efficient and responsible manner.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Database Infrastructure

Document Subsection: Network Services
 Managing Department: Information Technology Services
 Supporting Department(s): Multiple Departments
 ORG: 55211906

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Database Infrastructure													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	190,947	18,000	0	40,000	40,000	40,000	40,000	40,000	0	0	0	0	200,000
Financing Plan													
Prior City Funding	190,947	18,000	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	0	0	40,000	40,000	40,000	40,000	40,000	0	0	0	0	200,000
Total Financing Plan	190,947	18,000	0	40,000	40,000	40,000	40,000	40,000	0	0	0	0	200,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: Planned funding of \$40,000 in FY 2015 reduced to \$0 based on available project balances.													

Project Description & Justification

This project provides for new and replacement database infrastructure hardware, software, licensing, upgrades, and tools. This project provides funding to periodically (every 3-5 years) refresh and upgrade database technologies that support the City's core applications.

In addition to core database technologies, this project also provides for new web reporting services and improvements to existing web reporting portals. This project will occasionally fund the acquisition of new database hardware, infrastructure, and services during emergencies when new, unplanned needs arise in the user community, or to evaluate the latest database technologies and tools.

This project has funded the City's early SharePoint development and provided money to evaluate and scope the future strategy for use of this database technology in the City. This project also provides for consulting services to properly maintain and enhance the City's data infrastructure.

Funds are programmed in the amount of \$40,000 starting in FY 2016 through FY 2020.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government
<ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Information Technology Enterprise Management System

Document Subsection: Network Services
 Managing Department: Information Technology Services
 Supporting Department(s): Multiple Departments
 ORG: 55211919

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Information Technology Enterprise Management System													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	210,294	0	0	50,000	150,000	20,000	20,000	100,000	0	0	0	0	340,000
Financing Plan													
Cash Capital	210,294	0	0	50,000	150,000	20,000	20,000	100,000	0	0	0	0	340,000
Total Financing Plan	210,294	0	0	50,000	150,000	20,000	20,000	100,000	0	0	0	0	340,000
Add. Operating Impact													
Annual Impact			0	0	65,000	0	0	71,027	0	0	77,613	0	213,641
Cumulative Impact			0	0	65,000	65,000	65,000	136,027	136,027	136,027	213,641	213,641	213,641
Changes from Prior Year CIP: Last year's CIP did not include any funding for this project after FY 2014. A total of \$340,000 is added from FY 2016 - 2020 based on updated projected needs.													

Project Description & Justification

This project provides funding to further enhance Microsoft System Center, a multi-module software which integrates and automates the management of citywide IT resources. In FY 2011, ITS deployed Configuration Manager (the asset management module) to streamline the desktop and server inventory as well as the software distribution processes. In FY 2012, ITS deployed Service Manager (the help desk module) to replace a legacy system. Branded as AlexIT, the enterprise help desk application was successfully deployed in October 2011 and is actively used by IT staff in ITS, DCHS, and Courts to manage technical requests.

Funds in the amount of \$50,000 in FY 2016 will be used for system assessment, refinement, and remediation. Funds in the amount of \$150,000 in FY 2017 will be used for implementation services for additional Microsoft System Center product suite configuration modules and related staff training. Funds programmed in subsequent years of this plan will be used for additional server hardware requirements and consulting services in order to complete implementation of the Enterprise Management System.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government
<ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
Software assurance for System Center Service Manager was renewed in FY 2014 and should be renewed every 3 years. System Center Configuration Manager licensing is included with the Microsoft Enterprise Agreement. Service Manager may be included in the next Microsoft Enterprise Agreement (Agreement End Date: June 30, 2016).

Connectivity Initiatives

Document Subsection: Network Services
 Managing Department: Office of Management and Budget
 Supporting Department(s): Information Technology Services
 ORG: 55211911

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies N/A

Connectivity Initiatives													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	0	0	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	4,500,000
Financing Plan													
Cash Capital	0	0	0	0	0	0	450,000	450,000	450,000	450,000	450,000	450,000	2,700,000
Comcast Revenues	0	0	450,000	450,000	450,000	450,000	0	0	0	0	0	0	1,800,000
Total Financing Plan	0	0	450,000	4,500,000									
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: Essentially a new project for FY 2015. All Comcast revenue has been distributed to other eligible projects, except for the \$450,000 annual payment to Comcast for monthly support. Comcast revenue is assumed through FY 2018, which is the end of the current contract.													

Project Description & Justification

This project reflects annual funding to Comcast for monthly support of the City and ACPS institutional network. All remaining Comcast revenues have been programmed as funding for other eligible projects within the IT-Plan.

City's Strategic Plan & City Manager's Performance Plan
<p>Primary Strategic Plan Goal: Goal 5 – Financial Sustainability</p> <p>Focus Area: Accountable, Effective & Well-Managed Government</p> <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
<p>An additional impact to the operating budget it not anticipated.</p>

Fort Ward INET

Document Subsection: Network Services
 Managing Department: Office of Historic Alexandria
 Supporting Department(s): Information Technology Services
 ORG: TBD

Project Location: 4301 W. Braddock Road
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies N/A

Fort Ward I-Net Connectivity													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	40,000	40,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	40,000	40,000	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	40,000	40,000	0	0	0	0	0	0	0	0	0	0	0
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: No changes from prior year CIP. As of 02/2014, a project balance of \$40,000 remains.													

Project Description & Justification

This project funds the connection of the Fort Ward Museum to the City's I-Net. It will provide staff with the ability to work more effectively with their colleagues in other Historic Alexandria museums and throughout the City, and provide them with better access to shared departmental network files and applications and to City-wide applications.

There have been no changes to this project since funding was approved of \$40,000 in FY 2013 to provide Fort Ward Museum access to the City's I-Net. The funds have not yet been scheduled for allocation, pending a City-wide decision on Municipal Fiber.

Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government <ul style="list-style-type: none"> Ensure government is accountable to the community Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Email, Messaging, and Conferencing System

Document Subsection: Network Services
 Managing Department: Information Technology Services
 Supporting Department(s): Multiple Departments
 ORG: 55211905

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Email, Messaging, and Conferencing System													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	75,000	75,000	0	0	0	0	0	0	0	0	0	0	0
Financing Plan													
Cash Capital	75,000	75,000	0	0	0	0	0	0	0	0	0	0	0
Total Financing Plan	75,000	75,000	0	0	0	0	0	0	0	0	0	0	0
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: No changes from prior year CIP. As of 02/2014, a project balance of \$75,000 remains.													

Project Description & Justification

In October 2011, the City transitioned from Microsoft Business Productivity Online Standard Suite (BPOS) to Office 365, Microsoft's latest generation of communications and collaboration hosted services at that time. The City upgraded to Microsoft's next generation of hosted services in November 2013, and the Exchange Hosted Archive was upgraded in December 2013. These upgrades were prerequisites for the hosted encryption upgrade.

This project's funding is to fully prepare and strategically align City policy requirements (archiving and retention) and onsite infrastructure requirements (Active Directory integration, desktop client readiness, and mobile device compatibility). Prior year funding of \$75,000 will be used to complete the Lync Online deployment, pilot initiatives relating to the latest releases of the hosted services, email security, and unified communications (integration with VoIP).

City's Strategic Plan & City Manager's Performance Plan
<p>Primary Strategic Plan Goal: Goal 5 – Financial Sustainability</p> <p>Focus Area: Accountable, Effective & Well-Managed Government</p> <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Enterprise Collaboration (including AlexStat Hardware & Software)

Document Subsection: Network Services
 Managing Department: Information Technology Services
 Supporting Department(s): Multiple Departments
 ORG: NEW

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: 5-10 years

Enterprise Collaboration (Including AlexStat Hardware & Software)													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	0	200,000	290,000	40,000	40,000	40,000	40,000	40,000	0	0	0	0	490,000
Financing Plan													
Prior City Funding	0	200,000	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	0	290,000	40,000	40,000	40,000	40,000	40,000	0	0	0	0	490,000
Total Financing Plan	0	200,000	290,000	40,000	40,000	40,000	40,000	40,000	0	0	0	0	490,000
Add. Operating Impact													
Annual Impact			0	50,000	51,500	53,045	54,636	56,275	57,964	59,703	61,494	63,339	507,955
Cumulative Impact			0	50,000	101,500	154,545	209,181	265,457	323,420	383,123	444,617	507,955	507,955
Changes from Prior Year CIP: Last year's CIP did not include any funding for this project after FY 2014. Funding is planned in FY 2015 for AlexStat hardware and software, as well as on-going costs to support other City-wide enterprise collaboration projects.													

Project Description & Justification

This project funds the implementation of a comprehensive City-wide collaboration tool. ITS has engaged a contractor to develop a roadmap implementation strategy for an enterprise-wide collaboration platform leveraging our existing SharePoint online licensing. The funding requested supports this strategic initiative with professional services, licensing of additional SharePoint features, training, and additional infrastructure hardware.

Through facilitated stakeholder department discussions the City has been able to identify business needs and collaboration goals, priorities, and opportunities. These discussions have led to the creation of a roadmap which defines the resources necessary to develop and implement solutions to meet these needs. Components include augmenting the current ITS SharePoint team with expert consulting resources, increasing licensing for power users and departmental administrators, and building out a hybrid online and on-premises SharePoint environment.

A portion of the \$290,000 in funds programmed in FY 2015 (\$40,000) and the amounts programmed in the out-years will be used for professional services, increased licensing for power users (departmental administrators), and to build out a hybrid online and on-premises SharePoint environment. The remaining \$250,000 is programmed to support the Office of Performance and Accountability (OPA) IT needs with AlexStat. The support for AlexStat is critical to implementation of the City Manager's Performance Plan.

City's Strategic Plan & City Manager's Performance Plan

Primary Strategic Plan Goal: Goal 5 – Financial Sustainability

Focus Area: Accountable, Effective & Well-Managed Government

- Ensure government is accountable to the community
- Achieve results the community values
- Ensure the fiscal strength of the City government

Focus Area: Livable, Green and Prospering City

- Promote an attractive urban environment that reflects our history and provides well-functioning infrastructure

External or Internal Adopted Plan or Recommendation

- N/A

Additional Operating Budget Impact

An additional operating impact in FY 2015 of \$50,000 for hardware and software maintenance contracts and licensing requirements is added for FY 2016; increased by inflation beginning in FY 2017 and each year thereafter.

Municipal Fiber

Document Subsection: Network Services
 Managing Department: Information Technology
 Supporting Department(s): N/A
 ORG: 55211912

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Municipal Fiber													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	210,000	160,000	50,000	0	0	0	0	0	0	0	0	0	50,000
Financing Plan													
Cash Capital	210,000	160,000	50,000	0	0	0	0	0	0	0	0	0	50,000
Total Financing Plan	210,000	160,000	50,000	0	50,000								
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: An additional \$50,000 is added in FY 2015 to continue very preliminary feasibility work associated with this project.													

Project Description & Justification

The City's Institutional Network (I-Net) connects over 90 City government and Alexandria school (ACPS) facilities. The I-Net relies on a private (dark fiber) fiber optic network provided to the City by Comcast under a franchise agreement. The current I-Net is designed using redundant ring topology. The ability for the City to segregate traffic and improve network performance is limited due to fiber availability. Additionally, the performance degradation caused when too many sites are added on the network rings forces the City to maintain downstream sites that do not have network redundancy.

In an effort to address the capacity limitations and lack of network redundancy at all City sites, the City should consider a municipally-owned fiber network and/or wireless broadband network(s). In order to fully understand the costs and benefits of these options, ITS conducted a feasibility and design study in FY 2012 to install City-owned fiber and/or wireless broadband networks that are independent of the current I-Net infrastructure.

This project provides funds of \$50,000 in FY 2015, to do a business plan study of a City owned fiber network. Funds previously provided in FY 2012 allowed the City to conduct an initial feasibility assessment and design study to install City owned fiber and wireless broadband networks that are independent of the current institutional Network infrastructure.

City's Strategic Plan & City Manager's Performance Plan
<p>Primary Strategic Plan Goal: Goal 5 – Financial Sustainability</p> <p>Focus Area: Accountable, Effective & Well-Managed Government</p> <ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government <p>Focus Area: Livable, Green and Prospering City</p> <ul style="list-style-type: none"> Ensure Alexandria supports, retains, and attracts businesses
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated.

Remote Access

Document Subsection: Network Services
 Managing Department: Information Technology Services
 Supporting Department(s): N/A
 ORG: 55211910

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Remote Access													
	A	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	<i>Allocated Balance (02/14)</i>	<i>Unallocated (02/14)</i>	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	0	0	0	250,000	150,000	150,000	150,000	75,000	75,000	0	0	0	850,000
Financing Plan													
Prior City Funding	0	0	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	0	0	0	250,000	150,000	150,000	150,000	75,000	75,000	0	0	0	850,000
Total Financing Plan	0	0	0	250,000	150,000	150,000	150,000	75,000	75,000	0	0	0	850,000
Add. Operating Impact													
Annual Impact			0	0	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448	133,385
Cumulative Impact			0	0	15,000	30,450	46,364	62,754	79,637	97,026	114,937	133,385	133,385
Changes from Prior Year CIP: Project was not included in last year's plan. Additional funding to expand remote access capabilities added beginning FY 2016.													

Project Description & Justification

This project is required for employee teleworking initiatives within the City. Funding is provided to perform the necessary infrastructure upgrades to allow secure remote access to employees who telework and employees who work at remote locations.

The project funds software licensing, client access licenses, software upgrades, and hardware replacement. Citrix and virtual private tunneling applications provide staff secure access to perform work from a location that has Internet access.

The current Citrix platform will be at its end-of-life of mainstream support on July 14, 2015. Funds in the amount of \$250,000 in FY 2016 and those programmed in subsequent years of this plan will be used to procure new licensing, perform the upgrade, assess application compatibility, and procure related hardware devices.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government
<ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional \$15,000 is added beginning FY 2017 to account for increased security costs associated with employee teleworking initiatives. Costs are increased by inflation in FY 2018 and each year thereafter.

Network Operations Center (NOC) Relocation

Document Subsection: Network Services
 Managing Department: Information Technology Services
 Supporting Department(s): General Services
 ORG: NEW

Project Location: TBD
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Network Operations Center (NOC) Relocation													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	6,500,000	0	6,500,000	0	0	0	0	0	0	0	0	0	6,500,000
Financing Plan													
General Obligation Bonds	4,500,000	0	4,500,000	0	0	0	0	0	0	0	0	0	4,500,000
Prior Year CIP/Close-Out	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000
Total Financing Plan	6,500,000	0	6,500,000	0	6,500,000								
Add. Operating Impact													
Annual Impact			0	0	0	0	0	0	0	0	0	0	0
Cumulative Impact			0	0	0	0	0	0	0	0	0	0	0
Changes from Prior Year CIP: This is a new project for FY 2015. Funding is provided to move the City's Network Operations Center to a more suitable, permanent location in a City-owned facility.													

Project Description & Justification

The City's core Network Operations Center (NOC), currently located in Old Town, must be relocated to a suitable facility to support long term growth, take advantage of technological advances in data center management and to provide greater confidence in the reliability of network operations. City staff has been actively working with various vendors to mitigate immediate concerns, but a better long-term option is to relocate to an entirely City-owned facility, and in the process implement improvements that will streamline and standardize the City's approach to data center management. Continuing to operate the City's NOC at its current location indefinitely presents various operational risks with the potential for failure of the City's core IT systems which will prevent the City from conducting necessary business for its residents and visitors. The lease where the NOC is currently located expires in fall 2015.

Limitations and challenges within the current NOC include the requirement to consistently apply break/fix measures to the HVAC units to ensure appropriate temperatures are maintained. Failures in this area have resulted in equipment downtime and costly repairs. In addition, the water-based fire suppression system lacks an emergency electrical power off switch. Currently there is an inability to improve cool airflow due to height restrictions and the clearances required by the existing fire suppression system. Electrical limitations prevent the installation of a centralized backup battery system that will provide sufficient run-time in the case of power outages and automatically shut-down equipment in the event of a generator failure.

This CIP project will provide funds for the design of a new NOC to meet industry standards and best practices, and accommodate future growth. Funds in the amount of \$6.5 million have been included in FY 2015 for all services and equipment needed for building construction technology design, and relocation of current equipment to the new NOC, along with purchases needed to facilitate the move. \$3.2 million of the funding planned for this project will be managed by General Services for design and construction of the new NOC.

City's Strategic Plan & City Manager's Performance Plan
Primary Strategic Plan Goal: Goal 5 – Financial Sustainability
Focus Area: Accountable, Effective & Well-Managed Government
<ul style="list-style-type: none"> Ensure government is accountable to the community Achieve results the community values Ensure the fiscal strength of the City government
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
An additional impact to the operating budget is not anticipated. Any increased costs will likely be offset from savings from moving the NOC from its current leased space.

Information Technology Lump Sum Funding

Document Subsection: Network Services
 Managing Department: Multiple
 Supporting Department(s) Multiple
 ORG: N/A

Project Location: N/A
 Reporting Area: N/A
 Project Category: IT Plan
 Estimated Useful Life: Varies

Information Technology Lump Sum Funding													
	A (B+M)	B	C	D	E	F	G	H	I	J	K	L	M (C:L)
	Total Budget & Financing	Through FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2015-2024
Expenditure Budget	16,500,000	0	0	0	0	0	0	500,000	4,000,000	4,000,000	4,000,000	4,000,000	16,500,000
Financing Plan													
General Obligation Bonds	0	0	0	0	0	0	0	0	0	0	0	0	0
Cash Capital	16,500,000	0	0	0	0	0	0	500,000	4,000,000	4,000,000	4,000,000	4,000,000	16,500,000
Total Financing Plan	16,500,000	0	0	0	0	0	0	500,000	4,000,000	4,000,000	4,000,000	4,000,000	16,500,000
Add. Operating Impact													
Annual Impact			0	0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD
Cumulative Impact			0	0	0	0	0	TBD	TBD	TBD	TBD	TBD	TBD

Changes from Prior Year CIP: Funding in FY 2020 - 2024 is increased from \$2.5 million to \$4.0 million annually based on FY 2015 - 2020 IT needs. Funds will be programmed for specific projects in future years.

Project Description & Justification

This project reserves IT project future funding in FY 2020 – FY 2024 in the approved FY 2015 CIP. This funding will be applied to specific projects at a later time.

City's Strategic Plan & City Manager's Performance Plan
N/A
External or Internal Adopted Plan or Recommendation
<ul style="list-style-type: none"> N/A

Additional Operating Budget Impact
Unknown at this time. Additional operating impacts will be identified as specific projects are identified.

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