



# **QUARTERLY CAPITAL PROJECT STATUS REPORT**

FY 2018—First Quarter

November 14, 2017



## EXECUTIVE SUMMARY

The FY 2018 First Quarter (through September 30, 2017) Capital Projects Status Report includes:

- Summary details and updates on all active City Category 2 and Category 3 capital projects;
- Detailed status reports for select Category 2 and Category 3 projects; and
- Summary financial information on all Category 1 projects.

Full status report updates are not provided for Category 1 projects, as these on-going capital projects are designed to provide annual funding to preserve and improve existing capital assets. Also not included are Alexandria City Public Schools (ACPS) capital projects. ACPS produces a quarterly capital projects status report which can be found at: <http://www.acps.k12.va.us/>.

Project Categories	
<b>CATEGORY 1</b>	Ongoing maintenance for an existing asset or Capital Facilities Maintenance Program (CFMP)
<b>CATEGORY 2</b>	Large periodic or cyclical renovations
<b>CATEGORY 3</b>	New or expanded facilities or level of service

Financial information found throughout this report is for financial data through September 30, 2017. Excluding ACPS capital funding, City Council approved \$126.3 million in capital projects for the FY 2018 Capital Budget.

The FY 2018 First Quarter Capital Projects Status Report will be posted on-line at <http://www.alexandriava.gov/Budget>.

Detailed project summaries have been included for some of the more significant projects currently active in the City. These projects include many of the City's large infrastructure projects and those that had an active public engagement process as part of the planning of the project. Among the highlighted projects are:

- Waterfront Small Area Plan Implementation
- Patrick Henry Recreation Center
- Potomac Yard Park Basketball Court Lights
- Warwick Pool Renovations
- Windmill Hill Park (Bulkhead & Other Improvements)
- Emergency Operations Center/Public Safety Center Re-Use
- King Street Station Improvements
- Potomac Yard Metrorail Station
- Transit Corridor "C" – West End Transitway
- Complete Streets
- Holmes Run Greenway
- Eisenhower Avenue Widening
- King & Beauregard Intersection Improvements
- King Street/Quaker Lane/Braddock Road Intersection Improvements
- Street Reconstruction and Resurfacing of Major Roads
- ITS Integration
- Citywide Infiltration & Inflow
- Combined Sewer Outfall (001 – 004)
- Wet Weather Management Facility
- Lake Cook Stormwater Retrofit Project
- Computer Aided Dispatch System/Records Management System
- Network Operations Center (NOC) / Data Center Relocation

**BUDGET AND FINANCIAL INFORMATION REVIEW**

At the end of the first quarter of FY 2018, the 125 active Category 2 & 3 projects and the 78 active Category 1 projects had combined project balances of \$531.7 million.

<b>Available Project Balances*</b>			
<b>Project Status</b>	<b>End of 3<sup>rd</sup> Quarter (FY 2017)</b>	<b>End of 4<sup>th</sup> Quarter (FY 2017)</b>	<b>End of 1st Quarter (FY 2018)</b>
Category 2 & 3**	\$414,937,992	\$399,058,437	\$443,303,628
Category 1	\$61,593,454	\$50,995,414	\$88,361,217
<b>Totals</b>	<b>\$476,531,447</b>	<b>\$450,053,850</b>	<b>\$531,664,845</b>
<p>*NOTE: The total available project balances at the end of the 4<sup>th</sup> Quarter (FY 2017) has changed since the release of the Q4 report, due to rolling forward the pending payments to Q1 (FY 2018). The available project balances at the end of the 3<sup>rd</sup> and 4<sup>th</sup> Quarters of FY 2017 here represents the total Appropriated Funds to Date (for all active CIP projects), less the Total Expenditures to Date (as of March 31, 2017 and June 30, 2017, respectively).</p> <p>** Includes \$270 million for the Potomac Yard Metrorail Station.</p>			

The table above compares project balances at the end of the third and fourth quarters of FY 2017, and the first quarter of FY 2018. The total City Council appropriated budget for all projects for all years contained in this report through the end of the first quarter of FY 2018 was \$1.04 billion. Approximately 48.99% (\$510.7 million) of all appropriated funding for the projects included in the quarterly status report has been expended or contractually committed leaving the available projects balance of \$531.7 million as of September 30, 2017.

**COMPLETED (CLOSED-OUT) PROJECTS**

The project listed below were officially closed-out during the first quarter of FY 2018 and will not appear in future reports except in the summary financial data section.

- Citywide Storage Capacity Assessment
- Electronic Health Records (EHR) Replacement
- Ft. Ward Stormwater
- King/Quaker Lane/Braddock Rd. Intersection
- Library Public Access Computers and Print Management System
- Virtual Desktop Infrastructure Pilot

**PROJECT STATUS REVIEW - CATEGORY 2 & 3 PROJECTS**

As of September 30, 2017, there were 125 active Category 2 & 3 City capital projects included in the report. The table below provides a summary of the status of the projects at the end of the first quarter of FY 2018: September 30, 2017.

<b>Project Status</b>	<b>End of 3rd Quarter (FY 2017)</b>	<b>End of 4th Quarter (FY 2017)</b>	<b>End of 1st Quarter (FY 2018)</b>
Close-Out	10	16	6
Pending Close-Out	9	10	10
Implementation	49	42	43
Planning/Design	47	45	48
Initiation	10	12	18
<b>Total Category 2 &amp; 3</b>	<b>125</b>	<b>125</b>	<b>125</b>

The five project status options listed in the table above are defined as follows:

**Initiation:** Work related to the primary scope of work in the project has not started. For example, this could be due to seasonal schedules or coordination with other entities, funding sources or grants that result in specific start dates in later quarters, or other projects have been a higher priority.

**Planning/Design:** Planning and design work of the project has started. This could include reviewing the project scope, conducting feasibility studies, permitting, interdepartmental or interagency coordination, beginning planning or design, acquiring land for a construction project, etc. The project is still in this phase during the project solicitation process.

**Implementation:** Work towards completing the primary scope of work has started. Construction has begun, equipment has been received and is being installed, a master plan is being updated, etc. Work has started on implementing what City staff communicated to City Council regarding the primary scope of work when funding was approved.

**Pending Close-Out:** The defined/primary scope of work has been completed. Staff is reviewing punch list items, ensuring invoices have been paid and grant reimbursements have been submitted and received, etc. There should be no more work on the project except in cases where additional items surface during final project review (punch-list items) that are related to the initial scope of work.

**Close-Out:** The final invoices have been paid, reimbursements (if applicable) received, and work is complete. The project will be removed from the subsequent Quarterly Status Report. Any remaining balances will be assumed to be available to fund future capital improvements and prioritized as part of the annual CIP budget development process.

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ORG(s)	Project Name	FY 18 CIP Page #		
43301600, 50412089	Waterfront Small Area Plan Implementation	Page 8.16		
This project provides continued funding for the initial design and engineering phases of implementation associated with the Alexandria Waterfront Small Area Plan approved by City Council in January 2012 including Waterfront Landscape Architecture and Flood Mitigation Project Design and Engineering, Utility Master Plan, Union Street Corridor Recommendations and King and Union Street Improvements.				
Managing Department(s)	Planning & Zoning/Transportation & Environmental Services (T&ES)/Department of Project Implementation (DPI)	Project Budget	Appropriated through FY 2018	\$12.6 M
			Planned Funding (FY 2019 – FY 2027)	\$55.4 M
			Total Planned Budget	\$68.0 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design	X	X			
Implementation					
Pending Close-Out					
Close-Out					
Reason for Changes from Previous Report	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2026/4Q	FY 2027/4Q			
Estimated Project Cost	\$63.6 M	\$68.0 M*			
*Project funding in the FY 2018-2027 City Council Approved CIP and including prior year funding is \$68.0 million. This does not represent total project cost; only funding that has been included in the adopted CIP. As different elements of the project move forward, more accurate project costs can be provided.					

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
Work in support of flood mitigation planning, design, and permitting efforts continued. Bulkhead design evaluation was completed. The Master Storm Water Management Plan is still underway, and being coordinated with other City projects. The construction phasing plan work has begun. The procurement of a demolition contractor was initiated for the project to demolish the building at 1 King Street in advance of constructing the interim park at the foot of King Street.	Work in support of flood mitigation planning, design, and permitting efforts will continue. The Master Storm Water Management Plan is anticipated to be completed. The construction implementation phasing plan work will continue. Work on a technical paper summarizing the elements of the flood mitigation system will continue. The invitation to bid (ITB) for site construction of the interim park at the foot of King Street will be advertised.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
Work in support of flood mitigation planning, design, and permitting efforts continued. Utility master planning work was completed. The development site plan (DSP) and special use permit (SUP) applications were heard and approved by the Planning Commission and City Council respectively for the proposed interim park at the foot of King Street.	Work in support of flood mitigation planning, design, and permitting efforts will continue. The Master Storm Water Management Plan is anticipated to be completed. The construction implementation phasing plan development work will begin. Task orders will be issued for design of pre-flood mitigation utility infrastructure along the Waterfront. The ITB for demolition work at 1 & 2 King Street will be in the procurement process.

**Waterfront Small Area Plan Implementation (continued)**

<b>Project History</b>		
<b>Fiscal Year</b>	<b>End of Fiscal Year</b>	<b>Fiscal Year</b>
FY 2017	Planning/Design	The design consultant continued to gather background data and develop master design reports to support future infrastructure design. The site plan for the interim park at the foot of King Street was approved.
FY 2016	Planning/Design	A consultant was hired to perform design of the flood mitigation system. The consultant performed information gathering tasks and initiated the first stages of design. A concept was developed through an extensive outreach process for the interim use of the area at the foot of King Street to allow the public greater access to the waterfront and to provide amenities in advance of implementation of the final design.
FY 2015	Planning/Design	Project costs were analyzed in detail, and several phasing and funding plan options were developed. The plans were brought through an extensive civic engagement to assess the priorities of the community in implementing the elements of the schematic plan developed in FY 2014. The flood mitigation priority plan was approved by Council in January 2015. A request for proposals (RFP) was developed and advertised to hire a design consultant to support flood mitigation implementation.
FY 2014	Planning/Design	Between July 2014 and June 2015, consultants were brought onboard and a Phase I Schematic Landscape and Flood Mitigation Design was completed for the Waterfront, bringing the design to a 30% level for the Core Area (Wolfe to Queen) and a 15% design for the remainder of the Waterfront. Additionally, a design for a temporary public plaza at the foot of King Street was completed; and a study was initiated to examine the potential closure of the 100 block of King Street.
FY 2013	Planning/Design	In FY 2013, solicitations were either underway or complete for landscape and flood mitigation design consultants for the waterfront. This project is to undertake design of the public realm (parks, piers and other public space) for the entire waterfront, producing a 30% design for the Core Area (Duke St. to Queen St.) and a 15% design for outside the Core Area, with flood mitigation integrated at 15%. The related Union Street Corridor Study includes recommendations for improvements for Union Street to facilitate multi-modal use of the street including a temporary pedestrian plaza at the foot of King Street was completed in FY 2013 and approved by the City Council in December 2012.

ORG(s)	Project Name	FY 18 CIP Page #		
44342214	Patrick Henry Recreation Center	Page 9.49		
This funding provides for the design and construction of the Patrick Henry Recreation Center project. In October 2014, ACPS and the City issued a purchase order to conduct a Feasibility Study of the Patrick Henry site. The project timeline for the center will coincide with the ACPS planning and design process for the entire Patrick Henry site. Based on findings, the “neighborhood” option was considered for the design of the recreation center which will include a large flex court, indoor running track, multipurpose rooms, fitness room and other community spaces which are also provided within the program. The building is attached to the new K-8 Elementary school.				
Managing Department(s)	Recreation, Parks & Cultural Activities (RPCA)/General Services	Project Budget	Appropriated through FY 2018	\$7.8 M
			Planned Funding (FY 2019 – FY 2027)	-
			Total Planned Budget	\$7.8 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design	X				
Implementation		X			
Pending Close-Out					
Close-Out					
<b>Reason for Changes from Previous Report</b>	Guaranteed Maximum Price (GMP) contract was approved and early construction activities have commenced.				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2019/2Q	FY 2019/2Q			
Estimated Project Cost	\$7.8 M	\$7.8 M			
<b>Reason for Changes from Previous Report</b>	N/A				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
The guaranteed maximum price (GMP) contract was approved by ACPS. Construction mobilization occurred. Early site work began with site grading and retaining wall installation. The temporary bus loop serving the existing school is complete and in use.	Staff anticipates construction activities to continue. The final site plan will be approved allowing for the issuance of the final building permit.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
Site plan review process, value engineering, and Guaranteed Maximum Price contract negotiation continued. Early site release approved. Groundbreaking ceremony occurred on June 19, 2017.	Final site plan approval and final award of the Guaranteed Maximum Price (GMP) contract are anticipated. ACPS School Board is scheduled to approve GMP in August 2017. Construction of the temporary bus loop is anticipated to be complete and excavation and retaining wall construction underway.

**Patrick Henry Recreation Center (continued)**

<b>Project History</b>		
<b>Fiscal Year</b>	<b>End of Fiscal Year</b>	<b>Fiscal Year</b>
FY 2017	Planning/Design	The concept design continued to be refined with input from the Advisory Group, community, and ACPS School Board. The development special use permit (DSUP) was approved by Planning Commission & City Council. ACPS and City selected a construction manager for project implementation.
FY 2016	Planning/Design	The concept design continued to be refined with input from the Advisory Group, community, and ACPS School Board.
FY 2015	Planning/Design	The feasibility study for the recreation center was completed in June 2015, including a cost estimate to design and construct the project. Based on the selected option, the cost estimate was within budgeted funds identified in the FY2016-2025 CIP.
FY 2014	Pre-Implementation	Technical proposals submitted. Project in active public solicitation for architect/engineer (A/E) design services.

ORG(s)	Project Name	FY 18 CIP Page #		
44802527	Potomac Yard Basketball Court Lights	Page 9.28		
This project will add court lights to the basketball courts recently constructed in Potomac Yard Park. Court lighting will provide increased access to recreation through 10pm when the park closes. The new lights will be the same as those on the adjacent tennis courts. The project is in collaboration with a community group that has proposed partnering with the City to fundraise fifty percent of the cost of the lights over a three-year time frame (their fundraising efforts to raise \$75,000 began in FY 2017). Their fundraising strategy includes partnering with a 501-c-3 to seek grants focused on healthy living, individual donors, and to also hold fundraising basketball tournaments and events.				
Managing Department(s)	Recreation, Parks & Cultural Activities (RPCA)	Project Budget	Appropriated through FY 2018	\$150 K
			Planned Funding (FY 2019 – FY 2027)	-
			Total Planned Budget	\$150 K

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation	X	X			
Planning/Design					
Implementation					
Pending Close-Out					
Close-Out					
<b>Reason for Changes from Previous Report</b>	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2018/4Q	FY 2018/4Q			
Estimated Project Cost	\$150 K	\$150 K			
<b>Reason for Changes from Previous Report</b>	N/A				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
The community continued to raise funds to meet funding goals.	City staff will meet with community group to determine next steps if funding goal is not met by October 31, 2017.  The fundraising goal was not met by October 31, 2017; staff is currently planning a meeting with the community group to discuss next steps.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
The community group continued to hold fundraisers, but was unable to meet its fundraising goal during the spring.	The community group anticipates reaching their funding goal after completion of the fall fundraising activities.

Project History		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	Initiation	The City entered in to a Memorandum of Agreement (MOA) with a community group and fundraising activities began.

ORG(s)	Project Name		FY 18 CIP Page #	
44801689	Warwick Pool Renovations		Page 9.9	
This project will provide funding to design and construct a replacement facility at the Warwick Pool site. Site features include a lap pool and seasonal bath house. In 2002, an engineering analysis of the pool was completed, finding structural issues to the pool's construction and other site conditions. The estimated cost for replacing the existing aquatics features in-kind (one recreation pool and one wading pool) along with minimal renovation to the bathhouse is \$2.15 million, with the City funding 100% of the costs.				
Managing Department(s)	Recreation, Parks & Cultural Activities (RPCA)/General Services/Project Implementation	Project Budget	Appropriated through FY 2018	\$2.8 M
			Planned Funding (FY 2019 – FY 2027)	-
			Total Planned Budget	\$2.8 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design					
Implementation	X	X			
Pending Close-Out					
Close-Out					
<b>Reason for Changes from Previous Report</b>	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2018/2Q	FY 2018/2Q			
Estimated Project Cost	\$2.3 M	\$2.3 M*			
<b>Reason for Changes from Previous Report</b>	*This represents the estimated project cost for the currently active portion of the project. This account was previously used for \$0.5 M of interim repairs to the Warwick Pool site.				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
Construction continued. The new bathhouse was framed and closed in, and the pool shell was poured. The pool deck is 25% complete and final site grading is 50% complete.	Staff anticipates completion of the pool deck, installation of pool tile, installation of pool filter systems, reestablishment of site utilities, final finishing on bathhouse, and final site grading.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
Construction activities began with demolition of the pool house, existing pool and site grading. Utility coordination, unforeseen site conditions, and weather have delayed construction progress. Framing for the retaining wall and excavation for the new pool and season bathhouse were completed.	Construction activities will continue. Substantial completion of construction is currently scheduled to occur in September.

Project History		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	Implementation	The request for proposal (RFP) and selection process for implementation was initiated and a contract was awarded to provide construction services for the pool and bath house replacement. Construction activities began in the 3 <sup>rd</sup> Quarter of FY 2018.
FY 2016	Planning/Design	The architect/engineer (A/E) contract was awarded.
FY 2015	Planning/Design	Initial site assessment, engineering and survey work completed by staff. The pool was closed for public use in FY 2015.

ORG(s)	Project Name		FY 18 CIP Page #	
44801661	Windmill Hill Park (Bulkhead & Other Improvements)		Page 9.37	
This project funds the complete replacement of the existing bulkhead at Windmill Hill Park and other improvements associated with the Windmill Hill Park Master Plan.				
Managing Department(s)	Department of Project Implementation (DPI)/Recreation, Parks & Cultural Activities (RPCA)	Project Budget	Appropriated through FY 2018	\$7.0 M
			Planned Funding (FY 2019 – FY 2027)	-
			Total Planned Budget	\$7.0 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design					
Implementation	X	X			
Pending Close-Out					
Close-Out					
<b>Reason for Changes from Previous Report</b>	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2018/3Q	FY 2018/3Q			
Estimated Project Cost	\$6.3 M	\$6.3 M			
<b>Reason for Changes from Previous Report</b>	N/A				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
The majority of sand fill and rock sill at the shoreline have been placed. Preliminary shoreline grading has occurred. Most of the grading and placement of the rock vanes for the stream restoration work at the Gibbon Street outfall was completed. The stream restoration excavation revealed buried artifacts resulting in two archaeological investigation and documentation efforts to preserve in-place.	Construction activities on the shoreline will continue, and construction of Union Street pedestrian safety improvements will begin.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
A community groundbreaking ceremony was conducted and the Notice to Proceed was issued to the contractor to begin construction of the improvements. The contractor mobilized equipment to the site and began site work to include grading, demolition of the existing bulkhead and removal of remaining vegetation.	Construction activities will continue.

**Windmill Hill Park (continued)**

<b>Project History</b>		
<b>Fiscal Year</b>	<b>End of Fiscal Year</b>	<b>Fiscal Year</b>
FY 2017	Implementation	The invitation to bid (ITB) for construction was advertised and awarded, and construction began.
FY 2016	Planning/Design	Design and bid package complete. Army Corps of Engineers (ACOE) and National Park Service (NPS) permits received. Construction management & inspection contract awarded.
FY 2015	Planning/Design	A design consultant was selected to produce construction documents for the project.
FY 2014	Pre-Implementation	The request for proposal (RFP) and selection process was initiated for a consultant to provide preliminary design services for the bulkhead replacement.
FY 2013	Pre-Implementation	The City installed a safety fence along the bulkhead. No additional assessment condition was performed.
FY 2012	Pre-Implementation	A design consultant conducted an engineering review and provided an updated bulkhead condition assessment, indicating that the bulkhead was in a failed condition.
FY 2011	Pre-Implementation	The City received notification that the bulkhead project was not eligible for Army Corps of Engineers (COE) 510 grant funds.
FY 2010	Pre-Implementation	The City developed an application and provided notice of intent to apply for the Army Corps of Engineers (COE) 510 grant funds.
FY 2009	Pre-Implementation	The design consultant continued work on design concepts and conducted a bulkhead assessment. Cost estimates exceeded available funding and the project was put on hold.
FY 2008	Pre-Implementation	A design consultant was selected and draft design concepts were developed.



ORG(s)	Project Name		FY 18 CIP Page #	
45342085	Emergency Operations Center/Public Safety Center Re-Use		Page 10.38	
This project was funded in FY 2013 and included the build-out of the space vacated by the Police Department to a new and dedicated City Emergency Operation Center (EOC), expanded Sheriff's Office, Police Hack Office, and Emergency Management storage.				
Managing Department(s)	General Services	Project Budget	Appropriated through FY 2018	\$4.9 M
			Planned Funding (FY 2019 – FY 2027)	-
			Total Planned Budget	\$4.9 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design					
Implementation					
Pending Close-Out	X				
Close-Out		X			
<b>Reason for Changes from Previous Report</b>	Primary scope of project has been completed.				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2017/4Q	FY 2017/4Q			
Estimated Project Cost	\$4.9 M	\$4.9M			
<b>Reason for Changes from Previous Report</b>	N/A				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
Phase 3 Closeout	Project Closeout
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
Phase 3 is Substantially Complete; Project is 95% Complete	The primary scope of Phase 3 is anticipated to be completed and the project is in Pending Closeout status.

Project History		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	Pending Closeout	Completed Phases 2 and 3 – Project Closeout
FY 2016	Implementation	Phase 1 complete. Phase 2 underway.
FY 2015	Planning/Design	Project under design.
FY 2014	Pre-Implementation	Design on hold awaiting decision on the City Data Center potential relocation at 2003 Mill Road.
FY 2013	Pre-Implementation	Schematic design process started.

ORG(s)	Project Name		FY 18 CIP Page #	
51411845	King Street Station Improvements		Page 11.14	
This project will completely rebuild the bus loop and current kiss-and-ride lot to enable them to more efficiently and more safely accommodate pedestrians, cyclists, vehicles, and buses.				
Managing Department(s)	Transportation & Environmental Services	Project Budget	Appropriated through FY 2018	\$12.0 M
			Planned Funding (FY 2019 – FY 2027)	-
			Total Planned Budget	\$12.0 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design	X	X			
Implementation					
Pending Close-Out					
Close-Out					
Reason for Changes from Previous Report	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2020/2Q	FY 2020/4Q			
Estimated Project Cost	\$12.0 M	\$12.0 M			
Reason for Changes from Previous Report	Review and approval of final plans has taken longer than originally anticipated. Current target is to complete approval of plans by the end of the calendar year.				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
A final set of plans was submitted for review and approval. Department of Project Implementation (DPI) advanced work on the bid documents. The FTA grant documentation, which partially funds this project, has been submitted and approved. The easement agreement between WMATA and the City has been finalized and is in the process of being signed. Outreach efforts to stakeholders continued.	Staff from Planning & Zoning, DPI, and T&ES will continue plan review and coordination with WMATA. DPI will continue to prepare bid documents and anticipates advertising for construction. Ongoing planning and coordination with stakeholders and the public will continue.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
The design is complete and final comments are being addressed. Staff has developed a plan for temporary bus stops and layover locations during construction. Work is continuing on a public information plan to inform regular riders, stakeholders, and visitors about the construction impacts and how to use the station during construction. The Department of Project Implementation (DPI) is working on procurement for construction management. An updated project schedule has been developed for the project.  The delay in projected substantial completion can be largely attributed to the decision to transfer procurement and construction of the project from WMATA to DPI. Additional time has been needed to transition the project to DPI, resolve the remaining design issues, and prepare for a City-led public outreach campaign ahead of and throughout construction.	The final set of plans will be submitted and reviewed by the City, resulting in the issuance of a Final Site Plan. Work will begin on a bid solicitation for project construction. DPI will advance procurement for construction management services. City staff and attorneys will review a permanent easement allowing the City to construct the improvements and assume responsibility for maintenance of the new facilities. Staff will complete standard grant requirements to be submitted and approved by Federal Transit Administration (FTA). City, WMATA, and DASH staff will begin early outreach to stakeholders.

**King Street Station Improvements (continued)**

<b>Project History</b>		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY2017	Planning/Design	Final Site Plan Design still being finalized. Issued Request for Proposals (RFP) for Construction Management and Inspection Services (CMIS).
FY2016	Planning/Design	Final design was being finalized. The development special use permit (DSUP) extension was granted
FY 2015	Planning/Design	Final design discussions commenced. A DSUP extension was filed.
FY 2014	Planning/Design	City continues to work with WMATA on final design.
FY 2013	Planning/Design	Project placed on hold until land ownership is finalized.
FY 2012	Planning/Design	Conceptual design approved by City Council and Planning Commission.
FY 2011	Planning/Design	WMATA agrees to manage project and design work begins.
FY 2006 - FY 2008	Planning/Design	Joint WMATA/City study of King St station access.

ORG(s)	Project Name		FY 18 CIP Page #	
50411784, 50412199, 58412470	Potomac Yard Metrorail Station		Page 11.15	
This project provides for studies, planning, and construction of a new Metrorail infill station at Potomac Yard. At this current time, the station is in the Environmental Impact Statement (EIS) study phase.				
Managing Department(s)	Department of Project Implementation	Project Budget	Appropriated through FY 2018	\$284.7 M
			Planned Funding (FY 2019 – FY 2027)	-
			Total Planned Budget	\$284.7 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design	X	X			
Implementation					
Pending Close-Out					
Close-Out					
<b>Reason for Changes from Previous Report</b>	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2022/4Q	FY 2022/4Q			
Estimated Project Cost	\$268.1 M	\$268.1 M			
<b>Reason for Changes from Previous Report</b>	N/A				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
The WMATA procurement process continued. Staff continued to work with the National Park Service (NPS) in regards to the land exchange process agreement (per the NPS Record of Decision (ROD) and the Net Benefits Agreement).	The WMATA procurement process will continue. Coordination between the City and the National Park Service will continue.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
The WMATA procurement process continued. Staff continued to work with the National Park Service (NPS) in regards to the land exchange process agreement (per the NPS Record of Decision (ROD) and the Net Benefits Agreement).	The WMATA procurement process will continue. Coordination between the City and the National Park Service will continue.

Project History		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	Planning/Design	WMATA issued the Request for Proposals (RFP).
FY 2016	Planning/Design	In June 2016, City Council approved the Master Plan Amendment, Map Amendment (rezoning), and three (3) development special use permits (DSUP).
FY 2015	Planning/Design	Draft Environmental Impact Statement (EIS) released for public review and comment. Preferred alternative selected by City Council in May 2015.
FY 2014	Planning/Design	Project team exploring moving CSX tracks. Financial analysis will be updated.
FY 2013	Planning/Design	Technical analysis and review continues. Began drafting EIS document.
FY 2012	Planning/Design	Technical analysis begins.
FY 2011	Planning/Design	Scoping meeting held and alternatives screened.
FY 2010	Planning/Design	EIS kickoff held.

ORG(s)	Project Name		FY 18 CIP Page #	
50412093	Transit Corridor “C” – West End Transitway		Page 11.21	
This project will construct a 4-mile segment of the high capacity Transitway corridor between the Van Dorn Metrorail station and the border with Arlington to the north. The alignment will run generally along Van Dorn and Beauregard streets. The 1st Phase will include the Northern Segment and Southern Towers.				
Managing Department(s)	Transportation & Environmental Services (T&ES)/Project Implementation (DPI)	Project Budget	Appropriated through FY 2018	\$5.4 M
			Planned Funding (FY 2019 – FY 2027)	\$137.6 M
			Total Planned Budget	\$143.0 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design	X	X			
Implementation					
Pending Close-Out					
Close-Out					
Reason for Changes from Previous Report	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2021/4Q	FY 2023/4Q			
Estimated Project Cost	\$143.0 M	\$143.0 M			
Reason for Changes from Previous Report	The schedule for this project is in flux due to recent changes in property ownership along the corridor and changes in schedule of state funding available for the project.				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
Field survey and data collection continued.	The project will change from Design – Bid to Design – Bid – Build. Project planning/development will focus on the Northern segment.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
On April 21, 2017, the US Federal Transit Administration (FTA) approved the project National Environmental Policy Act (NEPA) documentation. The Notice to Proceed for bridging documents was issued in May. A kick-off meeting was held on June 6th. An aerial survey was completed the week of June 19th.	Field survey and other data collection will continue.

Project History		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	Pre-Implementation	National Environmental Policy Act (NEPA) is complete. Issued PO to Consultant. Began Survey and Data Collection.
FY 2016	Pre-Implementation	The Alternatives Analysis / Environmental Documentation is nearing completion, pending notification from US Federal Transit Administration (FTA) to submit the Environmental Documentation.
FY 2015	Pre-Implementation	The Alternatives Analysis / Environmental Documentation is ongoing.
FY 2014	Pre-Implementation	The Alternatives Analysis / Environmental Documentation is ongoing.

ORG(s)	Project Name		FY 18 CIP Page #	
51411829	Complete Streets		Page 11.27	
This program funds capital infrastructure improvements to the non-motorized transportation network, including sidewalks, curbs, pedestrian crossings, on-street bicycle facilities, bicycle parking, and access ramps throughout the City.				
Managing Department(s)	Transportation & Environmental Services (T&ES)	Project Budget		
			FY 2018 Budget	\$0.7 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design					
Implementation	X	X			
Pending Close-Out					
Close-Out					
Reason for Changes from Previous Report	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2018/1Q	FY 2018/4Q			
Estimated Project Cost	\$1.6 M	\$700 K*			
*This is the amount of funding approved for Complete Streets for FY 2018 in the City Council Approved FY 2018 – FY 2027 CIP.					

Continued on Next Page

**Complete Streets (continued)**

<b>FY 2018 Project Status – 1st Quarter</b>	
<b>Progress through September 30, 2017</b>	<b>Anticipated Progress through December 31, 2017</b>
<u>Planning/Design</u> <ul style="list-style-type: none"> <li>• George Washington Middle sidewalk &amp; curbs</li> <li>• Seminary Rd/Hammond Case Study Area</li> <li>• Mount Vernon Avenue Complete Streets</li> <li>• Royal Street Neighborhood Bikeway</li> <li>• Russell Road Roadway Resurfacing</li> <li>• Bellefonte speed cushions</li> <li>• Scroggins Road Sidewalk</li> <li>• Seminary Road sidewalk: Colfax to City limit</li> <li>• Vision Zero Action Plan</li> <li>• Holmes Run Trail Collector</li> </ul> <u>Implementation</u> <ul style="list-style-type: none"> <li>• Safe Routes to School Walk Audits</li> <li>• Shared bicycle lanes Citywide</li> <li>• Commonwealth Avenue Priority Sidewalk</li> <li>• ADA sidewalks, ramps &amp; bus stop improvements</li> <li>• Citywide bicycle rack installation</li> <li>• Capital Bikeshare Expansion</li> </ul> <u>Close-Out</u> <ul style="list-style-type: none"> <li>• Polk Elementary sidewalk &amp; curbs</li> <li>• Duke Street Case Study Area</li> <li>• Landmark/I395 Pedestrian Focus Area</li> <li>• East Glebe Road bike lanes</li> <li>• North Van Dorn/Kenmore Ave Complete Street</li> <li>• King Street Complete Street</li> <li>• Kenwood Avenue Complete Street</li> <li>• Goat Hill Park Pedestrian Access</li> <li>• Cameron &amp; Prince Bike Lane Project</li> <li>• Columbus St. Bike Lane Project</li> <li>• Taney Ave. Bike Lane Project</li> <li>• Holmes Run High Water Detour</li> <li>• Columbus Street shared bikeway</li> </ul>	<u>Planning/Design</u> <ul style="list-style-type: none"> <li>• George Washington Middle sidewalk &amp; curbs</li> <li>• Capital Bikeshare Expansion</li> <li>• Mount Vernon Avenue Complete Street</li> <li>• Safe Routes to School Walk Audits (potential middle school audits)</li> <li>• Royal Street Neighborhood Bikeway</li> <li>• Scroggins Road Sidewalk</li> <li>• Seminary Road sidewalk: Colfax to City limit</li> <li>• Vision Zero Action Plan</li> <li>• Holmes Run Trail Collector</li> <li>• Seminary Rd/Hammond Case Study Area</li> </ul> <u>Implementation</u> <ul style="list-style-type: none"> <li>• Shared bicycle lanes Citywide</li> <li>• Wythe Street Sidewalk</li> <li>• Bellefonte speed cushions</li> <li>• Mount Vernon Avenue Complete Streets</li> <li>• Citywide bicycle rack installation</li> <li>• ADA sidewalks, ramps &amp; bus stop improvements</li> </ul> <u>Close-Out</u> <ul style="list-style-type: none"> <li>• Commonwealth Avenue Priority Sidewalk</li> </ul>

**Complete Streets (continued)**

<b>FY 2017 Project Status – 4th Quarter</b>	
<b>Progress through June 30, 2017</b>	<b>Anticipated Progress through September 30, 2017</b>
<u>Planning/Design</u> <ul style="list-style-type: none"> <li>• Safe Routes to School Walk Audits</li> <li>• George Washington Middle sidewalk &amp; curbs</li> <li>• Polk Elementary sidewalk &amp; curbs</li> <li>• Seminary Rd/Hammond Case Study Area</li> <li>• Mount Vernon Avenue Complete Street</li> <li>• Seminary Road sidewalk: Colfax to City limit</li> <li>• Shared bicycle lanes Citywide</li> <li>• Royal Street Neighborhood Bikeway</li> <li>• Scroggins Road Sidewalk</li> <li>• Wythe Street Sidewalk</li> <li>• Columbus Street shared bikeway</li> </ul> <u>Implementation</u> <ul style="list-style-type: none"> <li>• Safe Routes to School Walk Audits</li> <li>• Columbus Street shared bikeway</li> <li>• Duke Street Case Study Area</li> <li>• Commonwealth Avenue Priority Sidewalk</li> <li>• Landmark/I395 Pedestrian Focus Area</li> <li>• ADA sidewalks, ramps &amp; bus stop improvements</li> <li>• Citywide bicycle rack installation</li> </ul> <u>Pending Close-Out</u> <ul style="list-style-type: none"> <li>• Bellefonte speed cushions</li> </ul> <u>Close-Out</u> <ul style="list-style-type: none"> <li>• East Glebe Road bike lanes</li> <li>• North Van Dorn/Kenmore Ave Complete Street</li> <li>• King Street Complete Street</li> <li>• Kenwood Avenue Complete Street</li> <li>• Goat Hill Park Pedestrian Access</li> </ul>	<u>Planning/Design</u> <ul style="list-style-type: none"> <li>• George Washington Middle sidewalk &amp; curbs</li> <li>• Polk Elementary sidewalk &amp; curbs</li> <li>• Seminary Rd/Hammond Case Study Area</li> <li>• Mount Vernon Avenue Complete Street</li> <li>• Royal Street Neighborhood Bikeway</li> <li>• Russell Road Roadway Resurfacing</li> </ul> <u>Implementation</u> <ul style="list-style-type: none"> <li>• Safe Routes to School Walk Audits</li> <li>• Seminary Road sidewalk: Colfax to City limit</li> <li>• Shared bicycle lanes Citywide</li> <li>• Scroggins Road Sidewalk</li> <li>• Wythe Street Sidewalk</li> <li>• Commonwealth Avenue Priority Sidewalk</li> <li>• ADA sidewalks, ramps &amp; bus stop improvements</li> <li>• Citywide bicycle rack installation</li> </ul> <u>Pending Close-Out</u> <ul style="list-style-type: none"> <li>• Bellefonte speed cushions</li> <li>• Columbus Street shared bikeway</li> </ul> <u>Close-Out</u> <ul style="list-style-type: none"> <li>• Duke Street Case Study Area</li> <li>• Landmark/I395 Pedestrian Focus Area</li> <li>• East Glebe Road bike lanes</li> <li>• North Van Dorn/Kenmore Ave Complete Street</li> <li>• King Street Complete Street</li> <li>• Kenwood Avenue Complete Street</li> <li>• Goat Hill Park Pedestrian Access</li> </ul>

<b>Project History</b>		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	Implementation	Completed projects identified for FY 2017.
FY 2016	Implementation	Completed projects identified for FY 2016.
FY 2015	Close-out	Completed projects identified for FY2015.
FY 2014	Close-out	Project moved to the CIP beginning FY 2014. Previously, resurfacing had been budgeted in the Operating Budget. Completed projects identified for FY 2014.



ORG(s)	Project Name	FY 18 CIP Page #
<b>44411637</b>	<b>Holmes Run Greenway</b>	<b>Page 11.29</b>
This project provides funding for the construction of the preferred alignment resulting from the "Holmes Run Bike Trail Study" which involves removing the existing fair weather crossing, constructing a bike and pedestrian bridge, constructing retaining walls, and restoration to a portion of Holmes Run. The project is located along the Holmes Run Greenway from North Ripley Street running north to beneath North Van Dorn Street. Construction is estimated to begin in the Winter of 2017.		
<b>Managing Department(s)</b>	Department of Implementation (DPI)	<b>Project Budget</b>
		Appropriated through FY 2018
		Planned Funding (FY 2019 – FY 2027)
		<b>Total Planned Budget</b>
		\$4.9 M
		-
		\$4.9 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design					
Implementation	X	X			
Pending Close-Out					
Close-Out					
<b>Reason for Changes from Previous Report</b>	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2018/3Q	FY 2018/4Q			
Estimated Project Cost	\$4.3 M	\$4.4 M			
<b>Reason for Changes from Previous Report</b>	Design location of bridge has been modified, which has resulted in a two month contract extension.				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
Construction activities continued.	Construction activities will continue including delivery of the prefabricated bridge.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
Construction activities continued.	Construction activities will continue.

Project History		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	Implementation	Invitation to bid (ITB) advertised and construction contract awarded. Active construction began. Design location of the bridge was modified, this modification resulted in a two month contract extension.
FY 2016	Pre-Implementation	Design complete and pre-construction begun.
FY 2015	Pre-Implementation	Design process underway.
FY 2014	Pre-Implementation	Design process began.
FY 2013	Pre-Implementation	Conducted outreach, held meetings with VDOT to get input on study, and completed study.
FY 2012	Pre-Implementation	Initiated project and conducted procurement process for consultant to work on study.

ORG(s)	Project Name		FY 18 CIP Page #	
51411821	Eisenhower Avenue Widening		Page 11.46	
Reconstruction of an additional westbound left turn lane and streetscape/sidewalks improvements from Mill Road to Holland Lane; revising Mill Road receiving lanes to accept the dual left turns from Eisenhower Ave; converting the traffic circle at Eisenhower and Holland to a 'T' intersection; and repaving the road. Construction is estimated to begin in fall of 2018 and is estimated to take 18 months.				
Managing Department(s)	Transportation & Environmental Services (T&ES)/Department of Project Implementation (DPI)	Project Budget	Appropriated through FY 2018	\$9.3 M
			Planned Funding (FY 2019 – FY 2027)	\$0.2 M
			Total Planned Budget	\$9.5 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design	X	X			
Implementation					
Pending Close-Out					
Close-Out					
<b>Reason for Changes from Previous Report</b>	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2019/4Q	FY 2021/2Q			
Estimated Project Cost	\$9.5 M	\$9.5 M			
<b>Reason for Changes from Previous Report</b>	Right of way (ROW) acquisition has taken longer than anticipated. Negotiations with property owners have continued beyond the originally anticipated timeframe.				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
The right of way (ROW) negotiations continued and both City and VDOT comments were addressed.	The ROW acquisition process will continue. Coordination with utility companies will begin, and final construction documents will be prepared for submission to VDOT for approval.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
ROW negotiations continued and City staff completed review of the 100% design.	The ROW acquisition process will continue. All plan review comments, both City and VDOT, will be resolved.

Project History		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	Planning/Design	Right of way negotiations continued. 100% review comments received from VDOT. VDOT and City comments addressed.
FY 2016	Planning/Design	100% plans submitted to VDOT for review.
FY 2015	Planning/Design	The project design is underway.
FY 2014	Pre-Implementation	The project design process continued.
FY 2013	Pre-Implementation	60% Plan submission in September 2012. Environmental document approved February 2013. Public Hearing held in April 2013.
FY 2012	Pre-Implementation	60% design continues.
FY 2011	Pre-Implementation	Revised 30% Plan submission.
FY 2010	Pre-Implementation	Revised design development begins.
FY 2009	Pre-Implementation	Project was re-evaluated and scaled back due to development projections.
FY 2008	Pre-Implementation	Hired consultant. Begin Conceptual design. 30% plan submission in June 2008.
FY 2007	Pre-Implementation	Funding revision to reflect funding in VDOT six-year plan. Consultant procurement.
FY 2006	Pre-Implementation	Project funded in CIP.

ORG(s)	Project Name	FY 18 CIP Page #		
51411791	King & Beauregard Intersection Improvements	Page 11.49		
This project provides for traffic flow improvements at the King Street and N. Beauregard St. intersection. Improvements include additional left turn lanes in each direction on King St., medians and a 10' shared use path on portions of King Street. In order to facilitate the utility relocation and avoid delays to the contractor during an on-going contract, a two-phase approach was developed to allow a portion of the road improvements to be constructed in order to facilitate the utility relocations prior to construction of the major project elements. The Phase I construction began in spring 2016 and is estimated to be completed in November 2017. Utility relocation is expected to take 10 -12 months, with completion anticipated in winter of 2018. Phase II construction is anticipated to begin in spring of 2018 and is estimated to be completed in late 2019.				
Managing Department(s)	Transportation & Environmental Services (T&ES)/Department of Project Implementation (DPI)	Project Budget	Appropriated through FY 2018	\$17.9 M
			Planned Funding (FY 2019 – FY 2027)	-
			Total Planned Budget	\$17.9 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design					
Implementation	X	X			
Pending Close-Out					
Close-Out					
<b>Reason for Changes from Previous Report</b>	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2020/2Q	FY 2020/2Q			
Estimated Project Cost	\$17.9 M	\$17.9 M			
<b>Reason for Changes from Previous Report</b>	N/A				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
Phase I: Construction of Phase I elements continued. Phase II: Work on the final design of Phase II continued.	Phase I: Staff anticipates that the project will be substantially completed. Phase II: Continue working toward completion of the final design of Phase II.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
Phase I: Construction of Phase I elements continued. Phase II: A comment resolution meeting with VDOT was held.	Phase I: Construction of Phase I elements will continue. Phase II: Continue working toward completion of the final design of Phase II.

**King & Beauregard Intersection Improvements (continued)**

<b>Project History</b>		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	Implementation	Phase I construction underway. Phase II 90% design is being finalized.
FY 2016	Implementation	Phase 1 was advertised for construction; a contract was awarded and construction began. The design of Phase 2 was developed to the 90% stage.
FY 2015	Implementation	Plans for Phase I of the project were completed.
FY 2014	Pre-Implementation	The project final design proceeded.
FY 2012-2013	Pre-Implementation	Begin utility coordination. Continuing right of way (ROW) acquisition and final plan design.
FY 2011	Pre-Implementation	Right of Way (ROW) authorization received from Federal Highway Administration (FHWA). Begin ROW acquisition. 90% plan submission.
FY 2010	Pre-Implementation	Environmental Document approved. Public Hearing held in November 2009.
FY 2009	Pre-Implementation	60% Plan submission.
FY 2008	Pre-Implementation	Value Engineering Study performed in April 2009.
FY 2006-2007	Pre-Implementation	30% plan submission.
FY 2005	Pre-Implementation	Conceptual design continues.
FY 2004	Pre-Implementation	Hired consultant. Begin conceptual design.
FY 2003	Pre-Implementation	Funding revision to reflect funding in VDOT six-year plan. Begin consultant procurement.
1970's to 2002	Pre-Implementation	Project studies managed by VDOT. Joint study committee established with the City and Arlington County.

ORG(s)	Project Name			FY 18 CIP Page #
51411819	King Street/Quaker Lane/Braddock Road Intersection Improvements			Page 11.50
Traffic improvements at the congested intersection of King Street, Quaker Lane, and Braddock Road.				
Managing Department(s)	Transportation & Environmental Services (T&ES)	Project Budget	Appropriated through FY 2018	\$0.9 M
			Planned Funding (FY 2019 – FY 2027)	-
			Total Planned Budget	\$0.9 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design					
Implementation	X				
Pending Close-Out					
Close-Out		X			
<b>Reason for Changes from Previous Report</b>	Primary scope of project has been completed.				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2018/2Q	FY 2018/1Q			
Estimated Project Cost	\$0.5 M	\$0.5 M			
<b>Reason for Changes from Previous Report</b>	N/A				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
Construction was completed and project closed out	Closed-out
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
Construction is about 90% complete. The following has been completed: <ul style="list-style-type: none"> <li>Traffic cabinet foundation. Crew is waiting on this special traffic cabinet to be assembled and delivered for installation;</li> <li>All the signal and pedestrian mast arms;</li> <li>Infra-Red detection camera devices are installed in the field but yet to be activated;</li> <li>Traffic signs have been 100% fabricated; and</li> </ul> LED Luminaires, traffic signs and one closed-circuit television (CCTV) are expected to be installed on the new mast arms.	Construction is anticipated to be substantially completed. The following items are anticipated to be complete: <ul style="list-style-type: none"> <li>Installing the new cabinet and completing the electrical wiring and service activation via Dominion Power. This shall include the wiring of the new traffic control cabinet and to power the new signal heads and street lights. Also the CCTV and the detection devices to be wired, configured and activated;</li> <li>Old signal poles are being demolished and the as-builds and final inspection and approval of the intersection are to be done upon project completion; and</li> </ul> The new signals are to become operational with new signal timings.

**King Street/Quaker Lane/Braddock Road Intersection Improvements (continued)**

<b>Project History</b>		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	Implementation	Project was fully constructed and closed out.
FY 2016	Pre-Implementation	Design at 90% and right of way (ROW) issues resolved.
FY 2015	Pre-Implementation	Design halted: staff is redefining the project scope
FY 2014	Pre-Implementation	Design halted; staff is redefining the project scope.
FY 2013	Pre-Implementation	Concept design continues.
FY 2012	Pre-Implementation	Held Public Information Meeting in February 2012. Hired consultant to design selected alternative. Project funding identified through the Transportation Improvement Program (TIP).
FY 2011	Pre-Implementation	Alternatives being reviewed by City staff. Alternative selected.
FY 2010	Pre-Implementation	Study completed - April 2010.
FY 2009	Pre-Implementation	Study being developed.
FY 2008	Pre-Implementation	Consultant hired to conduct study.

ORG(s)	Project Name	FY 18 CIP Page #
<b>51412206</b>	<b>Street Reconstruction and Resurfacing of Major Roads</b>	<b>Page 11.53</b>
This project provides funding for the resurfacing and reconstruction of the City's 561 lane miles of paved streets to ensure the safe and efficient movement of people, goods and services.		
<b>Managing Department(s)</b>	Transportation & Environmental Services (T&ES)	<b>Project Budget</b>
		<b>FY 2018 Approved Budget</b>
		<b>\$5.3 M</b>

**FY 2018 Paving Program**

X	Completed
	Anticipated Completion

Segment	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Bashford La from E Abingdon Dr to N Royal St	X			
E/W Linden St. Entire Length	X			
Hooffs Run Dr	X			
W Howell Ave from Russell Rd to Commonwealth Av	X			
S Columbus St from 28th St S. to 30th St S. (including 28th St S and 30th St S)	X			
N/S Patrick St. from First St. to Franklin St.	X			
N. Pickett from Polk Ave. to Dead End	X			
W Braddock from N Quaker Ln to N Early St	X			
1000 Oronoco St.	X			
Lloyd's Lane from Orchard St to Russell Rd	X			
Woodland Terrace from Davis Ave. to Virginia Ave.	X			
Chambliss St. - Length in City	X			
Francis Hammond Pkwy (Off Key Dr) Entire Length	X			
Marshall Lane - Entire length from Key Dr to cul-de-sac	X			
Seminary Rd from N Beauregard St to City Limits (Phase 1)				
N. Owen St. - Entire Length				
Oakcrest Dr. - Entire Length				
La Grande Ave from E Bellefonte Ave to E Randolph Ave				
Payne St. from King St. to Cameron St.				
W. Taylor Run Pkwy from Janney's Ln. north to end				
E Oxford Ave Entire Length				
N Donelson St from Duke St to Taft Ave				
Beverley Dr. from Washington Circle to Wellington Rd.				
Carlisle Dr. - Entire Length				
Russell Rd. from Mt. Vernon Ave. to Masonic View Ave.				
Fontaine St. from Woodland Terr. to Ridge Road Dr.				
Sycamore St from Uhler Terr to Dead-End				
Scroggins Rd. from Braddock Rd. to King St.				
Roosevelt St - Entire Length				
S Cleveland St- Entire Length				
Minor St - Entire Length				
Taney Ave. from N. Early St. to N. Gordon St.				
Randolph Ave. - Entire Length				
S Pickett St. from Van Dorn St. to Valley Forge				
S Pickett St. from City Limit to Van Dorn St.				
Pendleton St. - Entire Length				
Royal St. from King St. to Bashford				
S Pitt St from King St to Gibbon St				
CityWide Alley Resurfacing (work ongoing throughout year)	X			

**Street Reconstruction and Resurfacing of Major Roads (continued)**

<b>Project History</b>		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	Implementation	Completed projects identified for FY17.
FY 2016	Implementation	Completed projects identified for FY16.
FY 2015	Implementation	Completed projects identified for FY15.
FY 2014	Implementation	Project moved to the CIP beginning FY 2014. Previously, resurfacing had been budgeted in the Operating Budget.



ORG(s)	Project Name	FY 18 CIP Page #		
49411772	ITS Integration	Page 11.61		
This is a multiphase project that funds the design and deployment of Intelligent Transportation Systems (ITS). Phase I of this project installed a transportation control center at Business Center Drive, traffic cameras at strategic locations throughout the City and a broadband fiber-optic communications network connecting the cameras to the control center. Phase II will build on Phase I by adding more cameras and expanding the fiber optic communications network. Phases III and IV will add more conduit/fiber, cameras, additional capabilities including pavement sensors, flood monitors, etc.				
Managing Department(s)	Transportation & Environmental Services (T&ES)/Department of Project Implementation (DPI)	Project Budget	Appropriated through FY 2018	\$15.7 M
			Planned Funding (FY 2019 – FY 2027)	\$9.0 M
			Total Planned Budget	\$24.7 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design					
Implementation	X	X			
Pending Close-Out					
Close-Out					
<b>Reason for Changes from Previous Report</b>	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	Phase II: FY 2018/4Q	Phase II: 2018/4Q Phase III: FY2020/4Q			
Estimated Project Cost	\$24.7 M	\$24.7 M			
<b>Reason for Changes from Previous Report</b>	N/A				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
Phase II – Construction continued. Phase III – The project was handed off to Department of Project Implementation (DPI) and the scope was submitted to Purchasing to initiate the procurement process for a design consultant.	Phase II – Construction is anticipated to continue. Phase III – The design phase will be advertised to potential offerors.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
Phase II – Construction continued and reached approximately 60 percent completion. Phase III – The VDOT agreement was signed off on and ratified by all parties.	Phase II – Construction is anticipated to continue. Phase III – Scoping for phase III will begin

Project History		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	Implementation	Phase II, construction ongoing, Phase III, project scoping complete.
FY 2016	Implementation	Phase I, complete. Phase II, contract awarded
FY 2015	Implementation	Phase I construction substantially complete, Phase II construction advertised, Phase III & IV not started
FY 2014	Implementation	Phase I construction ongoing, Phase II in design.
FY 2013	Implementation	Purchase order (PO) 13-06086 awarded on 10/11/12 to begin construction on Phase I. Construction began in November 2013
FY 2012	Implementation	PO 11-03613 awarded on 7/8/11 to begin engineering on Phase I of project. The design took just over a year to complete which is typical for a project of this nature.

ORG(s)	Project Name		FY 18 CIP Page #	
53411864	Citywide Infiltration & Inflow		Page 12.8	
This project provides for evaluation, remediation and rehabilitation of infiltration/inflow for the sanitary sewer system Citywide in order to help mitigate sanitary sewer overflows and basement backups, along with extending the useful life of existing infrastructure and reduce the potential for emergency repairs.				
Managing Department(s)	Transportation & Environmental Services (T&ES)/Department of Project Implementation (DPI)	Project Budget	Appropriated through FY 2018	\$19.9 M
			Planned Funding (FY 2019 – FY 2027)	\$12.3 M
			Total Planned Budget	\$32.2 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design					
Implementation	X				
Pending Close-Out		X			
Close-Out					
<b>Reason for Changes from Previous Report</b>	Contractors are completing or have completed their punch list items. Primary scope of project has reached substantial completion.				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2018/1Q	FY 2017/2Q			
Estimated Project Cost	\$8.3 M	\$8.3 M			
<b>Reason for Changes from Previous Report</b>	N/A				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
The Contractors continued to perform punch list items. One Contractor completed punch list items and began the project close out process.	The contractors are anticipated to continue to work on punch list items.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
The Contractors continued to submit closed-circuit television (CCTV) inspection showing completed lining and continued to work on punch list items.	The Contractors will continue working on punch list items.

Project History		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	Implementation	Contractors performed punch list items.
FY 2016	Implementation	All three rehabilitation contracts performed rehabilitation work throughout the Holmes Run Sewer Shed.
FY 2015	Implementation	All three rehabilitation contracts went out to bid, bids were received and construction contracts were awarded. Notice to proceed given for all three construction contracts and work began.
FY 2014	Pre-Implementation	Design on the first rehabilitation project completed and design on second two rehabilitation contracts commenced.
FY 2013	Pre-Implementation	Design work on first rehabilitation contract took place and began to negotiate task orders for design services for the second two rehabilitation contracts.
FY 2010 - FY 2012	Pre-Implementation	Conducted flow monitoring throughout sewer shed, performed manhole inspections and inspections of the sanitary sewers using closed-circuit television (CCTV).
FY 2009	Pre-Implementation	Issued request for proposal (RFP) and selected consultant.

ORG(s)	Project Name		FY 18 CIP Page #	
53412704	Combined Sewer Outfall (001 - 004)		Page 12.10	
This project provides for compliance with legislation passed by the 2017 Virginia General Assembly which requires the City to address combined sewer discharges from all its outfalls by July 1, 2025.				
Managing Department(s)	Transportation & Environmental Services (T&ES)	Project Budget	Appropriated through FY 2018	\$1.5 M
			Planned Funding (FY 2019 – FY 2027)	\$369.2 M
			Total Planned Budget	\$370.7 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design		X			
Implementation					
Pending Close-Out					
Close-Out					
<b>Reason for Changes from Previous Report</b>	New project for FY 2018.				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion		FY 2025/4Q			
Estimated Project Cost		\$370.7 M			
<b>Reason for Changes from Previous Report</b>					

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
City began work to revise the Long Term Control Plan for the combined sewer system to meet the state legislation, including engagement with AlexRenew and appointment of the Combined Sewer System Stakeholder Group. The revised Long Term Control Plan will be submitted to the Virginia Department of Environmental Quality (VDEQ) in Spring 2018. Met with VDEQ in September on planning progress.	Continue technical work, including alternatives analysis and modeling, needed for the Long Term Control Plan Update. Commence the first Stakeholder Group Meeting in October and continue with meetings every month. Provide VDEQ with update on Combined Sewer Outfall (CSO) planning and summarize work to date for their annual report due to the General Assembly on January 1, 2018.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
New project for FY 2018	New project for FY 2018

Project History		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	----	New project for FY 2018

ORG(s)	Project Name		FY 18 CIP Page #	
NEW for FY 2015	Wet Weather Management Facility		Page 12.16	
This project includes design and construction of a wet weather management facility (WWMF) with the goals of eliminating sanitary sewer overflows into Hooffs Run, providing storage of combined sewage, and reducing basement back-ups from wet weather surcharging in the AlexRenew interceptor sewers. The cost of this facility will be shared between Fairfax County and the City.				
Managing Department(s)	Transportation & Environmental Services (T&ES)	Project Budget	Appropriated through FY 2018	\$4.5 M
			Planned Funding (FY 2019 – FY 2027)	\$17.8 M
			Total Planned Budget	\$22.3 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design	X	X			
Implementation					
Pending Close-Out					
Close-Out					
<b>Reason for Changes from Previous Report</b>	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2020/4Q	FY 2020/4Q			
Estimated Project Cost	\$22.5 M	\$22.5 M			
<b>Reason for Changes from Previous Report</b>	N/A				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
The AlexRenew Board approved the framework of the cost share agreement. A need to update the cost share agreement was determined based on changes to the proposed WWMF as part of the planning process for developing the Long Term Control Plan for the combined sewer system.	Begin to revise cost share agreement based on changes to the WWMF. This project will also be moved into the Combined Sewer Outfall (CSO) 001-004 Program of the CIP, as it is part of this overall program. This will be done as part of the FY 2019 budget process.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
Staff worked on an updated project cost and cost sharing agreement, which has been shared among the involved parties for final review. An updated project cost will be provided once the agreement has been completed and signed. City Council authorized the City Manager to sign the final cost share Agreement. A separate agreement has been drafted regarding the financing and construction of the Wet Weather Management Facility and comments are being obtained.	Completion and signature of final cost agreement by the City, Fairfax County, and AlexRenew. Obtain comments on the financing and construction agreement and prepare a final draft for review by the City, Fairfax County and AlexRenew legal counsel.

Project History		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	Planning/Design	Cost Share Agreement for Wet Weather Management Study drafted
FY 2016	Planning/Design	Wet Weather Management Study report was completed.
FY 2015	Planning/Design	Project began in FY 2015.

ORG(s)	Project Name		FY 18 CIP Page #	
52412344	Lake Cook Stormwater Retrofit Project		Page 13.12	
This project is being implemented to satisfy a portion of the City’s MS4 Total Maximum Daily Load (TMDL) Water Quality Improvements as required by The Virginia Department of Environmental Quality (VDEQ). The project will retrofit the existing Lake Cook pond at 4100 Eisenhower Avenue to provide water quality improvements for the approximately 390 acres draining through it.				
Managing Department(s)	Transportation & Environmental Services/Project Implementation	Project Budget	Appropriated through FY 2018	\$4.3 M
			Planned Funding (FY 2019 – FY 2027)	-
			Total Planned Budget	\$4.3 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design					
Implementation	X	X			
Pending Close-Out					
Close-Out					
Reason for Changes from Previous Report	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2018/4Q	FY 2019/1Q			
Estimated Project Cost	\$4.3 M	\$4.3 M			
Reason for Changes from Previous Report	Construction activities are ongoing. With construction started, a more refined timeline of when work will be completed is available.				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
Construction activities continued.	Construction activities will continue.
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
Purchase order (PO) was issued and construction activities started.	Construction activities will continue.

Project History		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	100% Design/Implement	Design was completed and project began construction.
FY 2016	Planning/Design	60% design completed.
FY 2015	Planning/Design	30% Concept Design and updated cost estimate.
FY 2014	Pre-Implementation	Grant awarded.

ORG(s)	Project Name		FY 18 CIP Page #	
55211954	Computer Aided Dispatch System/Records Management System		Page 15.53	
This project provides funding for the replacement of the City’s Computer Aided Dispatch (CAD) System, the Police Records Management System (RMS), Automated Field Reporting and Mobile Computing Systems, the Fire Station Alerting System, and the upgrade of the Fire Department’s Records Management and Electronic Patient Care Reporting Systems.				
Managing Department(s)	Information Technology Services	Project Budget	Appropriated through FY 2018	\$16.2 M
			Planned Funding (FY 2019 – FY 2027)	\$1.1 M
			Total Planned Budget	\$17.3 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design					
Implementation	X	X			
Pending Close-Out					
Close-Out					
<b>Reason for Changes from Previous Report</b>	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2018/1Q	FY 2018/4Q			
Estimated Project Cost	\$15.2 M	\$15.2 M			
<b>Reason for Changes from Previous Report</b>	Feedback from Police staff has resulted in a change order to make system enhancements to WebRMS system. Contractor for Fire reporting system has not yet delivered adequate Fire reporting system.				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
<ul style="list-style-type: none"> <li>Fire Department reverted to High Plains Fire records management system (RMS) since the vendor had not yet delivered the required Fire reporting system.</li> <li>Police Department staff continues to perfect the National Incident Based Reporting (NIBRS) submission process through WebRMS. Critical system enhancements (through user feedback) submitted to Hexagon for review (product enhancement/potential change order)</li> <li>TriTech has provided an updated Operational Scenario Document (OSD) for review by Alexandria for the Bi-Directional Solution. Department of Emergency Communications (DEC) and Fire reviewed the OSD and approved the changes.</li> </ul>	<ul style="list-style-type: none"> <li>Fire department will be working on merging ImageTrend fire data back to the High Plains database.</li> <li>Police Department will work on Critical system enhancements after receiving quote from Hexagon pending the approval of the Steering Committee.</li> <li>TriTech will work on the Bi-directional solution based on the approved OSD.</li> </ul>
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
<ul style="list-style-type: none"> <li>Police RMS/Field Base Reporting (FBR) was implemented for APD. APD began conducting reliability testing.</li> <li>The change order for implementing additional interfaces and database views has been completed.</li> <li>AFD received monthly incremental database image from ImageTrend. This facilitated AFD for creating required reports.</li> <li>TriTech CEO visited the City of Alexandria and met with the Alexandria Fire Department (AFD) and DEC and discussed the Bi-Directional Response module and other future enhancements.</li> </ul>	<ul style="list-style-type: none"> <li>Police department will create a new change order that will cover several enhancements for the RMS/FBR system.</li> <li>AFD and Information Technology Services (ITS) will consider alternative methods to have an image of the ImageTrend database in house for creating reports and providing interface with other applications.</li> <li>TriTech will provide a quote for creating a new Virginia Criminal Information Network (VCIN) interface.</li> </ul>

**Computer Aided Dispatch System/Records Management System (continued)**

<b>Project History</b>		
<b>Fiscal Year</b>	<b>End of Fiscal Year</b>	<b>Fiscal Year</b>
FY 2017	Implementation	Police RMS has been rolled out. Fire RMS was replaced with ImageTrend specially for EMS reports where it is in compliance with the State requirement. CAD implemented a workaround for Bi-directional module.
FY 2016	Implementation	Completed Police RMS production environment. Testing RMS application and verified interfaces with other applications. Installed and tested Bi-Directional software as part of CAD project.
FY 2015	Implementation	Final acceptance completed for CAD/Mobile.
FY 2014	Implementation	Implementation of new CAD/Mobile, RMS, and Fire Station Alerting in progress
FY 2013	Implementation	Kicked-off the CAD project implementation activities
FY 2012	Pre-Implementation	Issued the request for proposal (RFP) for Public Safety Information Systems for Law Enforcement and Fire/EMS CAD, Mobile, Law Enforcement RMS, Field Reporting, Fire RMS and Electronic Patient Care Reporting
FY 2011	Pre-Implementation	Initial allocation of funding for this project was granted. City engaged a consultant to draft a Needs Assessment and Requirements for the public safety system needs



ORG(s)	Project Name	FY 18 CIP Page #		
55212361, 45342362	Network Operations Center (NOC) / Data Center Relocation	Page 15.15		
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 provide greater confidence in the reliability of network operations. City staff has been actively working with various vendors to mitigate immediate concerns, while working to streamline and standardize the City’s approach to data center management.				
Managing Department(s)	General Services/Information Technology Services	Project Budget	Appropriated through FY 2018	\$6.5 M
			Planned Funding (FY 2019 – FY 2027)	-
			Total Planned Budget	\$6.5 M

Project Status					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Initiation					
Planning/Design					
Implementation	X	X			
Pending Close-Out					
Close-Out					
<b>Reason for Changes from Previous Report</b>	N/A				

Project Timing and Cost					
	FY 2017 – 4Q	FY 2018 – 1Q	FY 2018 – 2Q	FY 2018 – 3Q	FY 2018 – 4Q
Estimated Substantial Completion	FY 2018/3Q	FY 2018/2Q			
Estimated Project Cost	\$6.5 M	\$6.5 M			
<b>Reason for Changes from Previous Report</b>	N/A				

FY 2018 Project Status – 1st Quarter	
Progress through September 30, 2017	Anticipated Progress through December 31, 2017
<ul style="list-style-type: none"> <li>Installation of network switches to control the "Active Air" solution</li> <li>Development (DEV) environment syncing all cabinets directly to switches has begun</li> <li>Final safety flooring installation in entrance and work room completed</li> <li>Installation of two new switches that will be the hub for the CCIM software and provide ports for the UPS and Fire Suppression unit completed</li> <li>Final door hardware installation lock on work room and closing arm on tool room completed</li> </ul>	<ul style="list-style-type: none"> <li>Installation of software to control the "Active Air" solution along with syncing all cabinets directly to CRAC units</li> <li>Configuration of DEV environment completed</li> <li>Installation of ITS camera system</li> <li>Cabling and labeling the racks will be completed</li> </ul>
FY 2017 Project Status – 4th Quarter	
Progress through June 30, 2017	Anticipated Progress through September 30, 2017
<ul style="list-style-type: none"> <li>Networking equipment was installed and the Mill Road Data Center are now connected to the I-Net over the two new NEXUS 7K Switches</li> <li>Mill Road Data Center and Wheeler Data Centers are now connected by the dedicated Dark Fiber</li> <li>VoIP Phone System relocation to the Mill Road Data Center has been completed</li> <li>New Cisco UCS hardware has been ordered and received and has been used to prepare for the Active-Active Data Center(s) software solution install</li> <li>SIP Trunks have been assigned to prepare phone system for "Round Robin" configuration</li> <li>VPLEX Metro configuration and testing is now underway, with an expected mid-July completion date.</li> </ul>	<ul style="list-style-type: none"> <li>Installation of software to control the "Active Air" solution along with syncing all cabinets directly to CRAC units</li> <li>Final safety flooring installation in entrance and work room.</li> <li>Installation of two new switches that will be the hub for the data center infrastructure management (DCIM) software and provide ports for the UPS and Fire Suppression unit</li> <li>Final door hardware installation lock on work room and closing arm on tool room.</li> <li>Arrival of workstations for office space and tool room. Desktop and monitors will be installed and running the datacenter. Wall mounted monitor will display selected current real-time metrics</li> </ul>



**Network Operations Center (NOC) / Data Center Relocation (continued)**

<b>Project History</b>		
Fiscal Year	End of Fiscal Year	Fiscal Year
FY 2017	Implementation	Construction is complete. Currently installing and labeling fiber optic cables. Configuration of Development (DEV) environment is also underway. Awaiting coordination for installation of “Active Air” data center infrastructure management (DCIM) software.
FY 2016	Implementation	Construction and Dark Fiber installation started FY 2016 3Q

**Section IIIA: Category 2&3 Project Budget and Financial Information  
Through September 30, 2017**

Project Name	CIP Page #	Project Status	Appropriated Budget to-Date	Pending Payments to-Date	Expenditures to-Date	Project Balance	Planned Funding (FY 19-27)
<b>Community Development</b>							
Arlandria Pedestrian Improvements	N/A	Implementation	\$ 650,000	\$ -	\$ 419,698	\$ 230,302	\$ -
Braddock Road Area Plan - Streetscape Improvements	8.11	Planning/Design	\$ 677,564	\$ -	\$ -	\$ 677,564	\$ 360,000
Citywide Street Lighting	8.17	Planning/Design	\$ 785,501	\$ -	\$ 692,150	\$ 93,351	\$ 225,000
Environmental Restoration	8.20	Implementation	\$ 682,517	\$ 56,275	\$ 343,821	\$ 282,422	\$ 750,000
EW & LVD Implementation - Air Quality Modeling Analysis Near Metro	8.12	Implementation	\$ 75,000	\$ 25,960	\$ 32,980	\$ 16,060	\$ -
EW & LVD Implementation - Developer Contributions Analysis	8.13	Planning/Design	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -
EW & LVD Implementation - Infrastructure Plan	8.14	Planning/Design	\$ 500,000	\$ 475,004	\$ 22,751	\$ 2,245	\$ -
Old Town North SAP Implementation	8.15	Planning/Design	\$ 50,000	\$ -	\$ -	\$ 50,000	\$ 200,000
Oronoco Outfall Remediation Project	8.21	Implementation	\$ 9,261,505	\$ 3,210,078	\$ 5,523,655	\$ 527,772	\$ 200,000
Public Art Acquisition	8.6	Implementation	\$ 960,000	\$ 175,767	\$ 164,219	\$ 620,014	\$ 2,970,000
Transportation Signage & Wayfinding System	8.9	Implementation	\$ 2,035,000	\$ 163,564	\$ 990,509	\$ 880,927	\$ 1,034,000
Waterfront Small Area Plan Implementation (w/ Construction Funding)	8.16	Planning/Design	\$ 12,643,000	\$ 1,065,024	\$ 3,980,031	\$ 7,597,944	\$ 55,390,000
<b>Community Development Total</b>			<b>\$ 28,420,087</b>	<b>\$ 5,171,672</b>	<b>\$ 12,169,815</b>	<b>\$ 11,078,600</b>	<b>\$ 61,129,000</b>
<b>Recreation &amp; Parks</b>							
African American Heritage Park Repairs	9.11	Planning/Design	\$ 240,000	\$ -	\$ 4,885	\$ 235,115	\$ -
Braddock Area Plan Park	9.45	Initiation	\$ 1,580,994	\$ 75	\$ 593,076	\$ 987,843	\$ 965,213
City Marina Utility Upgrades	9.46	Planning/Design	\$ 1,250,000	\$ 69,508	\$ 112,373	\$ 1,068,120	\$ -
Community Matching Fund	9.18	Implementation	\$ 300,000	\$ 64,685	\$ 4,567	\$ 230,748	\$ 1,800,000
Fort Ward Management Plan Implementation	9.48	Planning/Design	\$ 325,000	\$ 12,584	\$ 56,516	\$ 255,900	\$ 1,120,000
Four Mile Run Park Wetlands Connector Bridge	9.19	Planning/Design	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -
Ft. Ward Archaeology	N/A	Implementation	\$ 150,000	\$ 968	\$ 2,335	\$ 146,696	\$ -
Open Space Acquisition and Develop.	9.10	Implementation	\$ 21,809,551	\$ 9,539	\$ 19,172,732	\$ 2,627,280	\$ 11,230,000
Patrick Henry Recreation Center	9.49	Implementation	\$ 7,778,000	\$ 1,558,122	\$ 749,353	\$ 5,470,526	\$ -
Patrick Henry Synthetic Turf Field and Outdoor Play Features	9.23	Implementation	\$ 2,150,000	\$ -	\$ -	\$ 2,150,000	\$ -
Potomac Yard Park Basketball Court Lights	9.28	Initiation	\$ 150,000	\$ -	\$ -	\$ 150,000	\$ -
Restroom Renovations	9.15	Planning/Design	\$ 1,110,000	\$ 92,185	\$ 126,915	\$ 890,899	\$ 400,000
Warwick Pool Renovation	9.9	Implementation	\$ 2,770,000	\$ 862,997	\$ 1,697,403	\$ 209,599	\$ -
Windmill Hill Park Improvements	9.37	Implementation	\$ 6,997,500	\$ 4,506,579	\$ 1,709,377	\$ 781,544	\$ -
<b>Recreation &amp; Parks Total</b>			<b>\$ 46,811,045</b>	<b>\$ 7,177,242</b>	<b>\$ 24,229,532</b>	<b>\$ 15,404,271</b>	<b>\$ 15,515,213</b>

**Section IIIA: Category 2&3 Project Budget and Financial Information  
Through September 30, 2017**

Project Name	CIP Page #	Project Status	Appropriated Budget to-Date	Pending Payments to-Date	Expenditures to-Date	Project Balance	Planned Funding (FY 19-27)
<b>Public Buildings</b>							
Beatley Building Envelope Restoration	10.23	Initiation	\$ 1,170,000	\$ -	\$ -	\$ 1,170,000	\$ -
Capital Planning & Building Assessment (Condition Assessment)	10.7	Implementation	\$ 636,000	\$ 51,015	\$ 487,488	\$ 97,497	\$ 1,050,000
City Hall Renovation and HVAC Replacement	10.9	Implementation	\$ 6,350,000	\$ 840,545	\$ 3,041,528	\$ 2,467,928	\$ 34,775,000
Citywide Storage Capacity Assessment	N/A	Close-Out	\$ 65,000	\$ 96	\$ 49,896	\$ 15,008	\$ -
Courthouse Renovations - HVAC and CFMP	10.34	Implementation	\$ 4,556,600	\$ 372,510	\$ 1,072,207	\$ 3,111,883	\$ 8,000,000
Courthouse/PSC Security System Upgrade	10.36	Initiation	\$ 2,255,000	\$ -	\$ -	\$ 2,255,000	\$ 3,500,000
EOC Audio Visual Equipment	10.37	Planning/Design	\$ 270,000	\$ 270,000	\$ -	\$ -	\$ -
EOC/Public Safety Center Reuse	10.38	Pending Close-Out	\$ 4,899,500	\$ 127,932	\$ 4,750,077	\$ 21,490	\$ -
Fire Station 203 (Cameron Mills)	10.42	Planning/Design	\$ 9,599,000	\$ 727,300	\$ 452,845	\$ 8,418,855	\$ -
Gadsby's Tavern Restaurant Kitchen Equipment	N/A	Initiation	\$ 245,000	\$ -	\$ -	\$ 245,000	\$ -
General District Court Clerk's Office Payment Center	N/A	Planning/Design	\$ 160,000	\$ 6,975	\$ 6,825	\$ 146,200	\$ -
Market Square Plaza and Garage Structural Repairs	10.18	Planning/Design	\$ 1,500,000	\$ 447,536	\$ 180,697	\$ 871,767	\$ 6,500,000
Pistol Range	10.49	Planning/Design	\$ 2,780,000	\$ 229,494	\$ 303,001	\$ 2,247,506	\$ -
Witter/Wheeler - Fuel Island Renovation	10.22	Planning/Design	\$ 2,650,000	\$ -	\$ 2,575	\$ 2,647,425	\$ -
<b>Public Buildings Total</b>			<b>\$ 37,136,100</b>	<b>\$ 3,073,402</b>	<b>\$ 10,347,138</b>	<b>\$ 23,715,560</b>	<b>\$ 53,825,000</b>
<b>Public Transit</b>							
Bus Shelters and Benches	11.9	Implementation	\$ 3,597,078	\$ 507,627	\$ 1,348,837	\$ 1,740,613	\$ 2,078,602
King Street Metrorail Station Area Improvements	11.14	Planning/Design	\$ 12,023,000	\$ 600,000	\$ 2,095,014	\$ 9,327,986	\$ -
Potomac Yard Metrorail Station	11.15	Planning/Design	\$ 284,725,000	\$ 217,632	\$ 9,468,632	\$ 275,038,736	\$ -
South Eisenhower Metrorail Station - South Entrance	11.16	Planning/Design	\$ 6,316,314	\$ 37,240	\$ 108,255	\$ 6,170,819	\$ -
Van Dorn Metrorail Station Area Improvements	11.17	Planning/Design	\$ 2,431,000	\$ -	\$ -	\$ 2,431,000	\$ -
<b>Public Transit Total</b>			<b>\$ 309,092,392</b>	<b>\$ 1,362,499</b>	<b>\$ 13,020,738</b>	<b>\$ 294,709,155</b>	<b>\$ 2,078,602</b>
<b>High Capacity Transit Corridors</b>							
Route 1 Transitway - Potomac Yard/US 1	N/A	Pending Close-Out	\$ 5,200,000	\$ 14,494	\$ 3,993,712	\$ 1,191,794	\$ -
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	11.20	Planning/Design	\$ 250,000	\$ 2,097	\$ 57,903	\$ 190,000	\$ 19,000,000
Transit Corridor "C" - West End Transitway	11.21	Planning/Design	\$ 5,400,000	\$ 2,853,384	\$ 1,298,030	\$ 1,248,585	\$ 137,600,000
<b>High Capacity Transit Corridors Total</b>			<b>\$ 10,850,000</b>	<b>\$ 2,869,976</b>	<b>\$ 5,349,645</b>	<b>\$ 2,630,379</b>	<b>\$ 156,600,000</b>

**Section IIIA: Category 2&3 Project Budget and Financial Information  
Through September 30, 2017**

Project Name	CIP Page #	Project Status	Appropriated Budget to-Date	Pending Payments to-Date	Expenditures to-Date	Project Balance	Planned Funding (FY 19-27)
<b>Non-Motorized Transportation</b>							
Access to Transit	N/A	Planning/Design	\$ 1,298,000	\$ 58,263	\$ 175,808	\$ 1,063,929	\$ -
Bicycle Parking at Metro Stations	11.23	Planning/Design	\$ 375,000	\$ -	\$ -	\$ 375,000	\$ -
BRAC Neighborhood Protection Plan	11.24	Planning/Design	\$ 835,000	\$ 79,502	\$ 167,886	\$ 587,612	\$ -
Cameron & Prince Bicycle & Pedestrian Facilities	11.25	Implementation	\$ 300,000	\$ 29,295	\$ 181,331	\$ 89,374	\$ -
Capital Bikeshare	11.26	Implementation	\$ 2,566,422	\$ 2,549	\$ 1,004,963	\$ 1,558,910	\$ 1,770,000
City Sidewalk Connection Improvement	N/A	Pending Close-Out	\$ 1,150,000	\$ 124,480	\$ 970,902	\$ 54,618	\$ -
Complete Streets	11.27	Implementation	\$ 6,632,010	\$ 652,630	\$ 4,631,203	\$ 1,348,177	\$ 7,660,000
Holmes Run Greenway	11.29	Implementation	\$ 4,852,402	\$ 2,116,150	\$ 1,933,945	\$ 802,307	\$ -
Holmes Run Trail Connector	11.30	Initiation	\$ 800,000	\$ -	\$ -	\$ 800,000	\$ -
Mt. Vernon Trail @ East Abingdon	11.32	Planning/Design	\$ 850,000	\$ 95,757	\$ 30,934	\$ 723,309	\$ -
Old Cameron Run Trail	11.33	Planning/Design	\$ 3,155,000	\$ -	\$ 35,440	\$ 3,119,560	\$ 3,795,000
Safe Routes to Schools	11.34	Implementation	\$ 894,347	\$ 362,699	\$ 358,872	\$ 172,776	\$ -
Seminary / Howard Safety Improvements	11.35	Initiation	\$ 400,000	\$ -	\$ -	\$ 400,000	\$ -
Transportation Master Plan Update	11.41	Initiation	\$ 340,000	\$ -	\$ -	\$ 340,000	\$ 500,000
<b>Non-Motorized Transportation Total</b>			<b>\$ 24,448,181</b>	<b>\$ 3,521,327</b>	<b>\$ 9,491,283</b>	<b>\$ 11,435,571</b>	<b>\$ 13,725,000</b>
<b>Streets &amp; Bridges</b>							
City Standard Construction Specifications	11.44	Planning/Design	\$ 200,000	\$ 96,830	\$ 103,166	\$ 4	\$ -
East Glebe & Route 1	11.45	Planning/Design	\$ 3,200,000	\$ -	\$ -	\$ 3,200,000	\$ 1,400,000
Eisenhower Avenue Roadway Improvements	11.46	Planning/Design	\$ 9,321,829	\$ 227,338	\$ 1,721,602	\$ 7,372,889	\$ 169,000
King & Beauregard Intersection Improvements	11.49	Implementation	\$ 17,902,862	\$ 1,137,044	\$ 8,954,583	\$ 7,811,235	\$ -
King/Quaker Lane/Braddock Rd. Intersection	11.50	Close-Out	\$ 881,500	\$ -	\$ 552,267	\$ 329,233	\$ -
Madison & Montgomery Reconstruction	11.51	Implementation	\$ 1,750,000	\$ -	\$ 453,138	\$ 1,296,862	\$ -
Seminary Road at Beauregard Street Ellipse	11.52	Initiation	\$ 325,000	\$ -	\$ -	\$ 325,000	\$ 36,400,000
Street Reconstruction & Resurfacing of Major Roads	11.53	Implementation	\$ 25,472,488	\$ 5,377,936	\$ 19,940,972	\$ 153,580	\$ 46,310,000
Van Dorn Metro Multimodal Bridge (w/ Eisenhower West)	11.57	Planning/Design	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ 10,300,000
<b>Streets &amp; Bridges Total</b>			<b>\$ 59,253,679</b>	<b>\$ 6,839,149</b>	<b>\$ 31,725,729</b>	<b>\$ 20,688,802</b>	<b>\$ 94,579,000</b>

**Section IIIA: Category 2&3 Project Budget and Financial Information  
Through September 30, 2017**

Project Name	CIP Page #	Project Status	Appropriated Budget to-Date	Pending Payments to-Date	Expenditures to-Date	Project Balance	Planned Funding (FY 19-27)
<b>Fixed Transportation</b>							
Citywide Parking - Parking Study	11.58	Planning/Design	\$ 150,000	\$ 19,271	\$ 101,381	\$ 29,348	\$ -
Citywide Parking - Parking Technologies	11.59	Initiation	\$ 218,150	\$ -	\$ -	\$ 218,150	\$ 1,885,602
Citywide Trans. Mgmt. Tech. - Broadband Communications Link	11.60	Initiation	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000	\$ -
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integ	11.61	Implementation	\$ 15,715,525	\$ 1,740,593	\$ 3,251,007	\$ 10,723,925	\$ 8,978,000
Citywide Trans. Mgmt. Tech. - Transportation Technologies	11.63	Planning/Design	\$ 1,120,312	\$ -	\$ 381,380	\$ 738,932	\$ 1,250,000
Eisenhower Parking Systems	N/A	Implementation	\$ 492,388	\$ -	\$ 457,331	\$ 35,057	\$ -
Land Bay G Parking Meters	N/A	Planning/Design	\$ 90,000	\$ -	\$ 55,900	\$ 34,100	\$ -
<b>Fixed Transportation Total</b>			<b>\$ 18,786,375</b>	<b>\$ 1,759,864</b>	<b>\$ 4,246,998</b>	<b>\$ 12,779,513</b>	<b>\$ 12,113,602</b>
<b>Sanitary Sewers</b>							
Citywide Sewershed Infiltration & Inflow	12.8	Implementation	\$ 19,861,440	\$ 1,792,840	\$ 9,396,760	\$ 8,671,840	\$ 12,300,000
Combined Sewer Outfall (001 - 004)	12.10	Planning/Design	\$ 1,500,000	\$ 187,876	\$ 177,414	\$ 1,134,709	\$ 369,213,000
Four Mile Run Sanitary Sewer Repair	12.13	Pending Close-Out	\$ 2,500,000	\$ 746,698	\$ 216,888	\$ 1,536,414	\$ -
Holmes Run Trunk Sewer	12.14	Planning/Design	\$ 9,002,000	\$ -	\$ 2,656,911	\$ 6,345,089	\$ -
Wet Weather Management Facility	12.16	Planning/Design	\$ 4,500,000	\$ -	\$ -	\$ 4,500,000	\$ 17,750,000
<b>Sanitary Sewers Total</b>			<b>\$ 37,363,440</b>	<b>\$ 2,727,414</b>	<b>\$ 12,447,974</b>	<b>\$ 22,188,052</b>	<b>\$ 399,263,000</b>
<b>Stormwater Management</b>							
Cameron Station Pond Retrofit	13.7	Planning/Design	\$ 3,500,000	\$ 176,250	\$ 441,279	\$ 2,882,471	\$ -
City Facilities Stormwater Best Management Practices (BMPs)	13.8	Planning/Design	\$ 500,000	\$ -	\$ -	\$ 500,000	\$ 1,133,000
Four Mile Run Channel Maintenance	13.9	Planning/Design	\$ 2,693,000	\$ -	\$ 292,263	\$ 2,400,737	\$ 600,000
Ft. Ward Stormwater	13.10	Close-Out	\$ 585,000	\$ 201	\$ 147,888	\$ 436,911	\$ -
Green Infrastructure in CSO Areas	13.11	Planning/Design	\$ 1,500,000	\$ 9,384	\$ 152,556	\$ 1,338,060	\$ 3,150,000
Lake Cook Stormwater Management	13.12	Implementation	\$ 4,292,000	\$ 2,676,464	\$ 1,239,479	\$ 376,057	\$ -
NPDES / MS4 Permit	13.14	Planning/Design	\$ 500,000	\$ 12,863	\$ 203,471	\$ 283,666	\$ 1,575,000
Stormwater Utility Study (Capitalized Position FY 17-18)	13.17	Implementation	\$ 1,518,200	\$ 82,538	\$ 790,583	\$ 645,079	\$ 155,000
<b>Stormwater Management Total</b>			<b>\$ 15,088,200</b>	<b>\$ 2,957,700</b>	<b>\$ 3,267,518</b>	<b>\$ 8,862,982</b>	<b>\$ 6,613,000</b>

**Section IIIA: Category 2&3 Project Budget and Financial Information  
Through September 30, 2017**

Project Name	CIP Page #	Project Status	Appropriated Budget to-Date	Pending Payments to-Date	Expenditures to-Date	Project Balance	Planned Funding (FY 19-27)
<b>Information Technology</b>							
Accounting and Asset Management System	N/A	Pending Close-Out	\$ 295,000	\$ 50,000	\$ 175,503	\$ 69,497	\$ -
Animal Shelter Server Replacement	15.33	Initiation	\$ 130,000	\$ -	\$ -	\$ 130,000	\$ -
Business Tax System/Reciprocity Contractor System	15.6	Pending Close-Out	\$ 1,049,595	\$ -	\$ 432,659	\$ 616,936	\$ 415,000
Computer Aided Dispatch (CAD) System Replacement	15.53	Implementation	\$ 16,180,000	\$ 1,293,123	\$ 12,526,626	\$ 2,360,251	\$ 1,120,000
Council Chambers Technology Upgrade	15.35	Initiation	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ 150,000
Courtroom Trial Presentation Technology	15.54	Initiation	\$ 187,500	\$ -	\$ -	\$ 187,500	\$ 390,000
Customer Relationship Management System	15.50	Planning/Design	\$ 1,225,000	\$ -	\$ 276,019	\$ 948,981	\$ -
Data Center Relocation	15.15	Implementation	\$ 6,500,000	\$ 197,304	\$ 5,913,312	\$ 389,384	\$ -
Document Imaging	15.5	Implementation	\$ 2,274,375	\$ 8,050	\$ 2,076,798	\$ 189,527	\$ 320,000
Electronic Government/Web Page	15.51	Implementation	\$ 1,518,196	\$ 10,761	\$ 852,370	\$ 655,065	\$ 705,000
Electronic Health Records (EHR) Replacement	15.36	Close-Out	\$ -	\$ -	\$ -	\$ -	\$ -
Emergency 911 Phone System Upgrade	15.55	Planning/Design	\$ 1,700,000	\$ -	\$ -	\$ 1,700,000	\$ -
Enterprise Camera System	15.17	Initiation	\$ 50,000	\$ -	\$ -	\$ 50,000	\$ -
Enterprise Collaboration	15.18	Implementation	\$ 610,000	\$ -	\$ 77,882	\$ 532,118	\$ 320,000
Enterprise Maintenance Mgmt System	15.37	Implementation	\$ 650,000	\$ -	\$ 171,589	\$ 478,411	\$ 340,000
Enterprise Resource Planning System	15.8	Pending Close-Out	\$ 4,395,000	\$ 656,609	\$ 2,993,900	\$ 744,491	\$ 360,000
Enterprise Service Catalog	15.20	Implementation	\$ 220,000	\$ 6,478	\$ 82,984	\$ 130,538	\$ 280,000
Fire Radios	N/A	Implementation	\$ 1,244,000	\$ 28,362	\$ 1,215,638	\$ -	\$ -
IT Enterprise Management System	15.23	Implementation	\$ 510,000	\$ -	\$ 267,286	\$ 242,714	\$ -
Library Public Access Computers and Print Mgmt System	15.40	Close-Out	\$ 45,000	\$ -	\$ 23,393	\$ 21,608	\$ 85,000
Library Self-Service Stations/Equipment	15.41	Initiation	\$ 102,000	\$ -	\$ -	\$ 102,000	\$ 58,000
Migration of Integrated Library System to SAAS Platform	15.42	Pending Close-Out	\$ 69,000	\$ -	\$ 33,134	\$ 35,866	\$ -
Municipal Fiber	15.26	Planning/Design	\$ 7,410,000	\$ 644,759	\$ 897,830	\$ 5,867,411	\$ 5,000,000
OHA Records Management System Replacement	15.43	Planning/Design	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -
Permit Processing	15.44	Implementation	\$ 4,435,000	\$ 869,994	\$ 814,168	\$ 2,750,838	\$ -
Personal Property Tax System	15.9	Initiation	\$ 140,000	\$ -	\$ -	\$ 140,000	\$ 800,000
Phone, Web, Portable Device Payment Portals	15.10	Implementation	\$ 400,000	\$ -	\$ -	\$ 400,000	\$ 360,000
Project Management Software	15.46	Planning/Design	\$ 185,000	\$ -	\$ -	\$ 185,000	\$ -
Real Estate Account Receivable System	15.11	Pending Close-Out	\$ 835,000	\$ 3,044	\$ 542,684	\$ 289,271	\$ 800,000
Real Estate Assessment System (CAMA)	15.12	Implementation	\$ 15,000	\$ -	\$ -	\$ 15,000	\$ 970,000
Recreation Database System	15.46	Implementation	\$ 15,000	\$ -	\$ -	\$ 15,000	\$ 115,000
Remote Access	15.29	Pending Close-Out	\$ 593,000	\$ -	\$ 419,664	\$ 173,336	\$ 490,000
Time & Attendance System Upgrade	15.30	Initiation	\$ 40,000	\$ -	\$ -	\$ 40,000	\$ 60,000
Virtual Desktop Infrastructure Pilot	15.49	Close-Out	\$ 50,000	\$ -	\$ -	\$ 50,000	\$ 50,000
<b>Information Technology Total</b>			<b>\$ 53,372,666</b>	<b>\$ 3,768,485</b>	<b>\$ 29,793,437</b>	<b>\$ 19,810,744</b>	<b>\$ 13,188,000</b>
<b>Total, Category 2&amp;3</b>			<b>\$ 640,622,165</b>	<b>\$ 41,228,729</b>	<b>\$ 156,089,808</b>	<b>\$ 443,303,628</b>	<b>\$ 828,629,417</b>

**Section IIIB: Category 1 Project Budget and Financial Information  
Through September 30, 2017**

		Appropriated Budget to-Date		Pending Payments to-Date		Expenditures to-Date		Project Balance		Planned Funding (FY 19-27)	
Project Name		CIP Page #									
Community Development											
Fire Department Vehicles & Apparatus		8.18	\$ 13,376,035	\$ 107,568	\$ 11,015,462	\$ 2,253,005	\$ 14,550,104				
Gadsby Lighting Fixtures & Poles Replacement		8.5	\$ 335,000	\$ 16,700	\$ 180,112	\$ 138,188	\$ 375,000				
Public Art Conservation Program		8.7	\$ 147,500	\$ 2,859	\$ 73,779	\$ 70,862	\$ 202,500				
Community Development Total			\$ 13,858,535	\$ 127,127	\$ 11,269,353	\$ 2,462,055	\$ 15,127,604				
Recreation & Parks											
Americans with Disabilities Act (ADA) Requirements		9.12	\$ 1,123,813	\$ 179,807	\$ 310,314	\$ 633,692	\$ 1,210,000				
Athletic Field Improvements (incl. Synthetic Turf)		9.14	\$ 8,744,435	\$ -	\$ 5,783,304	\$ 2,961,131	\$ 18,000,000				
Ball Court Renovations		9.16	\$ 1,945,313	\$ 329,062	\$ 1,471,193	\$ 145,058	\$ 1,365,000				
Chinquapin Recreation Center CFMP		9.38	\$ 1,575,000	\$ -	\$ -	\$ 1,575,000	\$ 5,970,000				
City Marina Maintenance		9.40	\$ 1,145,613	\$ 87,607	\$ 608,556	\$ 449,449	\$ 480,000				
Citywide Parks Improvements Plan		9.47	\$ 2,403,000	\$ -	\$ -	\$ 2,403,000	\$ 3,500,000				
Park Maintenance Facilities		9.20	\$ 230,000	\$ -	\$ -	\$ 230,000	\$ -				
Park Renovations CFMP		9.21	\$ 4,462,848	\$ 167,097	\$ 3,674,307	\$ 621,443	\$ 3,781,000				
Pavement in Parks		9.24	\$ 1,000,000	\$ 94,951	\$ 537,444	\$ 367,605	\$ 2,275,000				
Playground Renovations CFMP		9.26	\$ 5,674,128	\$ 271,729	\$ 3,700,665	\$ 1,701,733	\$ 5,869,000				
Proactive Maintenance of the Urban Forest		9.42	\$ 106,500	\$ -	\$ -	\$ 106,500	\$ 1,519,500				
Public Pools		9.7	\$ 1,177,114	\$ 38,376	\$ 1,110,149	\$ 28,590	\$ 708,000				
Recreation Centers CFMP		9.43	\$ 5,219,736	\$ 231,525	\$ 4,053,972	\$ 934,239	\$ 6,525,000				
Soft Surface Trails		2.29	\$ 1,026,987	\$ 14,073	\$ 693,841	\$ 319,073	\$ 1,092,000				
Tree & Shrub Capital Maintenance		9.31	\$ 4,850,985	\$ 119,774	\$ 3,955,633	\$ 775,579	\$ 2,648,500				
Water Management & Irrigation		9.33	\$ 1,407,350	\$ 80,441	\$ 1,068,438	\$ 258,471	\$ 1,164,000				
Waterfront Parks CFMP		9.35	\$ 150,000	\$ 21,703	\$ 37,968	\$ 90,329	\$ 455,000				
Recreation & Parks Total			\$ 42,242,821	\$ 1,636,143	\$ 27,005,785	\$ 13,600,893	\$ 56,562,000				

**Section IIIB: Category 1 Project Budget and Financial Information  
Through September 30, 2017**

Project Name	CIP Page #	Appropriated Budget to-Date	Pending Payments to-Date	Expenditures to-Date	Project Balance	Planned Funding (FY 19-27)
<b>Public Buildings</b>						
2355 Mill Road CFMP	10.5	\$ 340,000	\$ -	\$ -	\$ 340,000	\$ 3,760,000
City Historic Facilities CFMP	10.26	\$ 5,523,510	\$ 160,628	\$ 3,080,160	\$ 2,282,722	\$ 7,499,613
Deduction Meter Implementation	N/A	\$ 97,500	\$ -	\$ -	\$ 97,500	\$ -
Elevator Replacement/Refurbishment	N/A	\$ 5,779,683	\$ 70,954	\$ 5,686,242	\$ 22,487	\$ -
Emergency Power Systems	10.10	\$ 3,478,000	\$ 10,077	\$ 1,308,839	\$ 2,159,084	\$ 1,615,000
Energy Management Program	10.12	\$ 5,255,352	\$ 195,118	\$ 1,599,289	\$ 3,460,945	\$ 6,417,549
Fire & Rescue CFMP	10.40	\$ 6,763,233	\$ 182,157	\$ 4,514,842	\$ 2,066,234	\$ 4,145,000
Fleet Building CFMP	10.14	\$ 670,000	\$ -	\$ -	\$ 670,000	\$ 6,460,000
General Services CFMP	10.16	\$ 14,341,737	\$ 132,759	\$ 12,752,392	\$ 1,456,586	\$ 6,550,000
Health Department CFMP	10.30	\$ 6,414,000	\$ 635,902	\$ 41,223	\$ 5,736,875	\$ 15,677,238
Library CFMP	10.24	\$ 1,906,435	\$ 97,115	\$ 1,691,472	\$ 117,848	\$ 953,000
Mental Health Residential Facilities CFMP	10.32	\$ 2,664,995	\$ -	\$ 2,494,739	\$ 170,256	\$ 675,000
Municipal Facilities Planning Project	10.19	\$ 250,000	\$ 227,943	\$ -	\$ 22,057	\$ -
Office of the Sheriff CFMP	10.47	\$ 4,970,356	\$ 126,549	\$ 3,287,836	\$ 1,555,972	\$ 13,405,000
Roof Replacement Program	10.20	\$ 5,914,800	\$ 21,156	\$ 3,284,226	\$ 2,609,419	\$ 2,580,000
Torpedo Factory Capital Maintenance	N/A	\$ 2,283,175	\$ 60,401	\$ 1,934,578	\$ 288,196	\$ -
Vola Lawson Animal Shelter	10.50	\$ 336,961	\$ 6,649	\$ 282,819	\$ 47,493	\$ 360,000
<b>Public Buildings Total</b>		<b>\$ 66,989,737</b>	<b>\$ 1,927,407</b>	<b>\$ 41,958,657</b>	<b>\$ 23,103,673</b>	<b>\$ 70,097,400</b>
<b>Public Transit</b>						
DASH Bus Fleet Replacements	11.10	\$ 8,550,000	\$ -	\$ -	\$ 8,550,000	\$ 22,675,000
DASH Hybrid Bus and Trolley Battery Pack Replacement	11.12	\$ 450,000	\$ -	\$ 318,012	\$ 131,988	\$ 3,700,000
WMATA Capital Contributions	11.18	\$ 122,329,579	\$ -	\$ 105,523,274	\$ 16,806,305	\$ 239,000,000
<b>Public Transit Total</b>		<b>\$ 131,329,579</b>	<b>\$ -</b>	<b>\$ 105,841,286</b>	<b>\$ 25,488,292</b>	<b>\$ 265,375,000</b>



**Section IIIB: Category 1 Project Budget and Financial Information  
Through September 30, 2017**

		Appropriated Budget to-Date		Pending Payments to-Date		Expenditures to-Date		Project Balance		Planned Funding (FY 19-27)	
Project Name		CIP Page #									
Non-Motorized Transportation											
Shared-Use Paths		11.36	\$ 1,141,357	\$ 177,643	\$ 476,434	\$ 487,280	\$ 1,200,000				
Sidewalk Capital Maintenance		11.37	\$ 3,189,469	\$ 78,347	\$ 3,109,464	\$ 1,658	\$ 4,200,000				
Non-Motorized Transportation Total			\$ 4,330,826	\$ 255,990	\$ 3,585,898	\$ 488,938	\$ 5,400,000				
Streets & Bridges											
Bridge Repairs		11.43	\$ 8,244,975	\$ 452,407	\$ 6,569,082	\$ 1,223,486	\$ 9,000,000				
Street/Alley Reconstructions/Extensions		N/A	\$ 3,865,024	\$ 111,458	\$ 3,667,881	\$ 85,685	\$ -				
Streets & Bridges Total			\$ 12,109,999	\$ 563,865	\$ 10,236,964	\$ 1,309,171	\$ 9,000,000				
Fixed Transportation											
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade		11.62	\$ 250,000	\$ 18,074	\$ 115,274	\$ 116,651	\$ 900,000				
Fixed Transportation Equipment		11.64	\$ 21,072,833	\$ 469,529	\$ 19,065,714	\$ 1,537,590	\$ 9,300,000				
Fixed Transportation Total			\$ 21,322,833	\$ 487,604	\$ 19,180,988	\$ 1,654,242	\$ 10,200,000				
Sanitary Sewers											
Combined Sewer Separation Projects		12.11	\$ 3,925,000	\$ 384	\$ 1,941,392	\$ 1,983,223	\$ 3,600,000				
Combined Sewer System (CSS) Permit Compliance		12.12	\$ 8,336,440	\$ 100,541	\$ 7,435,927	\$ 799,972	\$ 2,700,000				
Reconstructions & Extensions of Sanitary Sewers		12.15	\$ 13,692,959	\$ 4,950	\$ 7,282,613	\$ 6,405,396	\$ 8,100,000				
Sanitary Sewer Capacity Study		N/A	\$ 1,441,877	\$ -	\$ 1,047,311	\$ 394,566	\$ -				
Sanitary Sewers Total			\$ 27,396,276	\$ 105,876	\$ 17,707,243	\$ 9,583,158	\$ 14,400,000				

**Section IIIB: Category 1 Project Budget and Financial Information  
Through September 30, 2017**

Project Name	CIP Page #	Appropriated Budget to-Date	Pending Payments to-Date	Expenditures to-Date	Project Balance	Planned Funding (FY 19-27)
<b>Stormwater Management</b>						
Storm Sewer Capacity Assessment	13.15	\$ 4,238,500	\$ 53,303	\$ 4,184,557	\$ 639	\$ 1,450,000
Storm Sewer System Spot Improvements	13.16	\$ 7,005,221	\$ 15,615	\$ 4,986,013	\$ 2,003,594	\$ 2,700,000
Stream & Channel Maintenance	13.18	\$ 7,449,584	\$ 571,092	\$ 4,537,994	\$ 2,340,498	\$ 4,800,000
Trunk Sewer Flow Monitoring	N/A	\$ 486,000	\$ -	\$ 409,460	\$ 76,540	\$ -
<b>Stormwater Management Total</b>		<b>\$ 19,179,305</b>	<b>\$ 640,010</b>	<b>\$ 14,118,024</b>	<b>\$ 4,421,271</b>	<b>\$ 8,950,000</b>
<b>Other Regional Contributions</b>						
Northern Virginia Community College (NVCC)	14.5	\$ 4,315,323	\$ -	\$ 4,045,947	\$ 269,376	\$ 3,774,737
Northern Virginia Regional Park Authority (NVRPA)	14.7	\$ 6,721,045	\$ -	\$ 6,425,153	\$ 295,893	\$ 4,096,201
<b>Other Regional Contributions Total</b>		<b>\$ 11,036,368</b>	<b>\$ -</b>	<b>\$ 10,471,100</b>	<b>\$ 565,269</b>	<b>\$ 7,870,938</b>

**Section IIIB: Category 1 Project Budget and Financial Information  
Through September 30, 2017**

Project Name	CIP Page #	Appropriated Budget to-Date	Pending Payments to-Date	Expenditures to-Date	Project Balance	Planned Funding (FY 19-27)
<b>Information Technology</b>						
AJIS Enhancements	15.52	\$ 1,956,002	\$ 165,550	\$ 1,627,104	\$ 163,347	\$ 540,000
Connectivity Initiatives	15.14	\$ 10,746,270	\$ -	\$ 10,224,163	\$ 522,107	\$ 5,797,000
Database Infrastructure	15.16	\$ 748,000	\$ -	\$ 568,396	\$ 179,604	\$ 360,000
EMS Records Management System	15.56					\$ -
Enterprise Data Storage Infrastructure	15.19	\$ 2,616,000	\$ -	\$ 2,304,794	\$ 311,206	\$ 2,500,000
Fire CAD/RMS	N/A	\$ 484,811	\$ -	\$ 466,353	\$ 18,458	\$ -
GIS Development	15.13	\$ 2,394,500	\$ 2,877	\$ 1,863,534	\$ 528,090	\$ 740,000
HIPAA & Related Health Information Technologies	15.39	\$ 578,000	\$ 14,099	\$ 403,476	\$ 160,425	\$ 250,000
Information Technology Equipment Replacement	15.21	\$ 2,040,740	\$ 44,759	\$ 1,609,724	\$ 386,257	\$ 3,977,000
LAN Development	15.24	\$ 444,000	\$ -	\$ 323,682	\$ 120,318	\$ 15,000
LAN/WAN Infrastructure	15.25	\$ 4,170,000	\$ 632,683	\$ 2,552,466	\$ 984,851	\$ 2,344,000
Library Information Technology Equipment Replacement	N/A	\$ 216,263	\$ -	\$ 116,829	\$ 99,434	\$ -
Library LAN/WAN Infrastructure	N/A	\$ 60,000	\$ -	\$ 55,461	\$ 4,539	\$ -
Network Security	15.27	\$ 2,385,000	\$ 80,039	\$ 1,354,557	\$ 950,404	\$ 1,180,000
Network Server Infrastructure	15.28	\$ 7,436,143	\$ 73,631	\$ 7,114,808	\$ 247,704	\$ 675,000
Payroll Systems	N/A	\$ 1,550,000	\$ -	\$ 1,499,154	\$ 50,846	\$ -
Police CAD/Records Management	N/A	\$ 5,671,340	\$ -	\$ 5,655,621	\$ 15,719	\$ -
RecTrac Database & Financial System	N/A	\$ 50,000	\$ 2,914	\$ 38,700	\$ 8,386	\$ -
Upgrade of Network Operating Sys.	N/A	\$ 382,810	\$ 17,118	\$ 365,693	\$ -	\$ -
Upgrade Work Station Operating Systems	15.31	\$ 2,813,950	\$ 66,667	\$ 2,208,223	\$ 539,060	\$ 400,000
Voice Over Internet Protocol (VoIP)	15.32	\$ 5,172,173	\$ 49,893	\$ 4,728,778	\$ 393,501	\$ 300,000
<b>Information Technology Total</b>		<b>\$ 51,916,001</b>	<b>\$ 1,150,229</b>	<b>\$ 45,081,516</b>	<b>\$ 5,684,257</b>	<b>\$ 19,078,000</b>
<b>Total, Category 1</b>		<b>\$ 401,712,280</b>	<b>\$ 6,894,250</b>	<b>\$ 306,456,813</b>	<b>\$ 88,361,217</b>	<b>\$ 482,060,943</b>