

As Arlington Public Schools continues its capital program to address enrollment growth, the County and Schools are working collaboratively to invest in infrastructure that addresses the transportation, environmental and other impacts that new or expanded Schools facilities have on neighborhoods. In addition, new Schools facilities offer opportunities to conform to current emergency response standards and offer additional parks and recreational amenities where appropriate. The primary mechanism for funding these investments has been the joint County-Schools contingent, which has been jointly funded with pay-as-you-go (PAYG) dollars. In the near-term, Schools is pursuing three major projects – a new middle school at Stratford, the relocation of the HB Woodlawn program to a new school at the Wilson School site in Rosslyn, and the new elementary school at the Thomas Jefferson site.

### **Thomas Jefferson Parking Structure**

#### **Project Description**

Preliminary planning for the new elementary school at the Thomas Jefferson site includes structured parking, consistent with the recommendations from the Thomas Jefferson Working Group and the Community Facilities Study that will serve both School and County facilities at the site. Bond funding is included for this long-term asset.

### **Joint County-Schools Capacity Projects**

#### **Project Description**

As part of the FY 2014 budget, a joint contingent was established by the County and Schools to collaboratively fund community enhancements related to Schools' capacity projects, including such improvements as new fields, Safe Routes to Schools improvements, stormwater drainage, utility undergrounding, and sidewalk and pedestrian enhancements. These enhancements are needed to mitigate impacts of new projects on surrounding neighborhoods. Recent funding from both County and Schools as part of the FY 2017 adopted budget of \$5.0 million, brings the total funding to date at \$15.6 million. Of this total, \$11.3 million has been allocated to improvements at the addition at Ashlawn Elementary School, the new Discovery Elementary School located at the Williamsburg Middle School site, safe routes programs, undergrounding utility and other infrastructure improvements at McKinley Elementary and Abingdon Elementary, and maintenance capital investments at the joint use facility at Thomas Jefferson Community Center. Future funding will be needed to continue to collaboratively address community improvements at new Schools' projects over the next ten years.

#### **Changes from Prior CIP**

Funding is increased from the last CIP to reflect a placeholder for continued funding of joint projects. Bond funding is included for the parking deck at Thomas Jefferson.

**Capital Costs during Ten Year Period (FY 2017 to FY 2026)** (in \$1,000s): \$23,500

More detailed cost estimates will be developed as Schools' sites and projects are identified, scoped and proceed through the community review process.

**Funding Schedule** (in \$1,000s)

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	10 Year Total
<b>New Funding</b>											
New Bond Issue	0	12,000	0	0	0	0	0	0	0	0	12,000
PAYG	3,500	500	500	1,000	1,000	1,000	1,000	1,000	1,000	1,000	11,500
Other Funding		0	0	0	0	0	0	0	0	0	
<b>Subtotal New Funding</b>	<b>3,500</b>	<b>12,500</b>	<b>500</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>23,500</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>3,500</b>	<b>12,500</b>	<b>500</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>23,500</b>

**Notes on Funding Schedule**

FY 2017 adopted funding from both the County and APS total \$5.0 million. Of this amount, \$1.5M is reflected in the Transportation section of the CIP to reflect the Safe Routes to Schools specific projects. The balance of \$3.5M is already allocated to approved projects at Abingdon with balances set aside for expected needs for upcoming projects at Wilson and Stratford. Future funding by both County and Schools toward the joint fund is needed beyond FY 2017 to fully fund the upcoming projects.

**Projected Additional Operating Costs** (in \$1,000s)

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26
Personnel (\$)	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	840	1,068	1,191	1,159	1,128	1,097	1,065	1,034
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>840</b>	<b>1,068</b>	<b>1,191</b>	<b>1,159</b>	<b>1,128</b>	<b>1,097</b>	<b>1,065</b>	<b>1,034</b>
<b>Total New FTEs (#):</b>										

**Notes on Operating Costs**

Operating cost estimates will be developed as Schools' sites and projects are identified, scoped and proceed through the community review process.

# Arlington, Virginia

## REGIONAL PARTNERSHIPS AND CONTINGENCIES: PROGRAM FUNDING SUMMARY

CIP  
2017 – 2026

Arlington annually contributes capital funding to several regional organizations which provide beneficial services to Arlington residents and visitors. Contingency accounts include joint County-Schools funding related to schools' capacity issues as well as overall contingency for unanticipated capital costs.

### 10 YEAR PROGRAMMED CATEGORY SUMMARY (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Northern Virginia Regional Park Authority	583	595	610	620	631	644	657	670	683	697	6,390
Northern Virginia Community College	516	542	569	597	627	659	691	726	762	800	6,489
Northern Virginia Criminal Justice Academy	146	146	146	146	146	146	146	146	146	146	1,460
Peumandsend Creek Regional Jail Authority	118	0	0	0	0	0	0	0	0	0	118
Capital Contingency	185	500	500	500	500	500	500	500	500	500	4,685
<b>Total Recommendation</b>	<b>1,548</b>	<b>1,783</b>	<b>1,825</b>	<b>1,863</b>	<b>1,904</b>	<b>1,949</b>	<b>1,994</b>	<b>2,042</b>	<b>2,091</b>	<b>2,143</b>	<b>19,142</b>

### PROGRAM FUNDING SOURCES (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
PAYG	1,548	1,783	1,825	1,863	1,904	1,949	1,994	2,042	2,091	2,143	19,142
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>1,548</b>	<b>1,783</b>	<b>1,825</b>	<b>1,863</b>	<b>1,904</b>	<b>1,949</b>	<b>1,994</b>	<b>2,042</b>	<b>2,091</b>	<b>2,143</b>	<b>19,142</b>
<b>Previously Approved Funding</b>											
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Funding Sources</b>	<b>1,548</b>	<b>1,783</b>	<b>1,825</b>	<b>1,863</b>	<b>1,904</b>	<b>1,949</b>	<b>1,994</b>	<b>2,042</b>	<b>2,091</b>	<b>2,143</b>	<b>19,142</b>

## REGIONAL PARTNERSHIPS

### Regional Partnerships and Contingencies

CIP  
2017 – 2026

#### **Northern Virginia Regional Park Authority**

Northern Virginia Regional Park Authority owns and protects more than 10,000 acres of land in 19 parks, including Potomac Overlook, Upton Hill and the W&OD Regional Parks in Arlington. Funds are used to preserve, improve, expand, renovate and enhance the parks and facilities. This program helps to improve the quality of the parks, encourage greater usage and continue to serve the needs of the public. This augments the Public Spaces Master Plan (PSMP) and as well as complements open space, cultural and recreational programs of Arlington County and five other member jurisdictions.

Arlington is one of six jurisdictions that share costs associated with NVRPA's capital program. The County's share is based on the percentage distribution of population estimates provided by the US Bureau of the Census. Arlington's capital contribution is from PAYG funding that is appropriated annually as part of the operating budget. The operating contribution is included as part of the general fund's regional partnerships operating budget.

FY 2017 contribution is based on the current \$2.57 per capita rate at the population rate based on U.S. Census "Annual Estimates of the Resident Population for Counties of Virginia" as of July 2014. Contributions for FY 2018 and beyond assume an annual increase of 2.0%

#### **Northern Virginia Community College**

This represents the County's ongoing capital contribution to the Northern Virginia Community College (NVCC) for land acquisition and site development of all campuses; and, as determined by the Northern Virginia Community College Board, certain temporary and permanent buildings. The goal of this project is to support Northern Virginia Community College in the land acquisition and site developments associated with its capital development plan. Resolutions were passed by Arlington and eight other jurisdictions to support Northern Virginia Community College. Every dollar leverages 29 dollars in state funds back to Northern Virginia.

Arlington is one of nine jurisdictions that share costs associated with NVCC's capital program based on the original Fair Share Allocation. FY 2017 reflects an allocation of \$2.25 for each person living in each particular jurisdiction. Population figures are from the Weldon Cooper Center for Public Service. Arlington's capital contribution is from PAYG funding that is appropriated annually as part of the operating budget. The operating contribution is included as part of the General Fund's regional partnerships operating budget. The Arlington Public Schools have several ongoing programs with NVCC including the new Transitional College Program.

#### **Northern Virginia Criminal Justice Academy**

In 2006, the principal members agreed to fund the construction of the Emergency Vehicle Operations Center (EVOC). The bond financing contributions towards the NVCJTA partnership continues through 2026. The Northern Virginia Criminal Justice Training Academy is dedicated to advancing competence and professionalism in law enforcement. The Academy is the largest regional law enforcement training facility in Virginia. Every person employed as a full-time law enforcement officer must meet compulsory minimum training standards. Individuals must first be hired by a supporting agency as a police officer or deputy sheriff before coming to the Academy for training. The training must be obtained from a state certified law enforcement training facility and must be completed within 12 months of the date of appointment.

The Academy receives state funding as well as support from the jurisdictions it serves. Arlington is also one of ten supporting jurisdictions that provide a proportionate share of the Academy's operating budget based on its sworn population in relation to the total sworn population of all participating agencies. Arlington's capital contribution is from PAYG funding that is appropriated annually as part of the operating budget and pays for our share of debt service on the bonds for the Emergency Vehicle Operations Center.

## **Peumansend Creek Regional Jail Authority**

The Peumansend Creek Regional Jail (PCRJ) is a 336-bed facility that is an extension facility for cities of Alexandria, Richmond and counties of Arlington, Prince William, Loudoun and Caroline. The bond financing contributions towards the PCRJ continues through 2017. The regional jail provides detention services and related operations deemed necessary for the protection of society and the health and custody of the inmates. Faced with overcrowding in the local jails, Arlington, and five other jurisdictions, reduces their populations by forwarding a select group of inmates to the Peumansend Creek Regional Jail. PCRJ offers programs and services, to include a jail industry, to assist with reintegrating the inmates into society.

Arlington is one of six jurisdictions that participate in this partnership but is only one of four jurisdictions who share in the bond financing for the regional jail. The County's annual share of the capital cost is based on current bed allocation and is projected at 24.0 percent. This is based on the 60 beds allocated to Arlington of the total 250 beds that participated in the bond financing. Arlington's capital contribution is from PAYG funding that is appropriated annually as part of the operating budget. The operating contribution is included as part of the general fund's regional partnerships operating budget.

FY 2017 is the final year of the County's financial capital commitments under the moral obligation and debt payment schedule.

## **Capital Contingency**

The FY 2017 budget continues funding for administrative support of capital projects tracking and reporting in the Department of Management and Finance. This was added in the FY 2015 adopted budget as one-time funding. This contingent also funds unforeseen capital project costs or emergency capital needs.

Maintenance capital (MC) is a broad program that seeks to achieve a long-stated goal to “maintain what we have.” The MC program in Arlington County is designed to protect assets from premature failure, minimize unnecessary risks and loss, and achieve the optimal useful life of assets. The goal is to ensure that existing capital assets are maintained in reliable, serviceable condition without significant variations in annual capital appropriations. The MC program focuses on non-expansion projects that do not change the footprint of a building, expand the size of a current asset, expand services, or increase the operating budget once complete. To qualify for funding in the MC program, projects must meet the criteria for a capital project and significantly extend the life of the asset. Arlington County makes critical investments in four maintenance capital areas: Transportation, Information Technology, Facilities, and Parks and Recreation.

### **Transportation**

The Transportation Maintenance Capital program maintains the transportation infrastructure such as repaving streets, maintaining pedestrian and vehicle bridges, maintaining signals and signal infrastructure and replacing bus shelters. The County currently maintains over 1,094 lane miles by a combination of resurfacing, rebuilding and slurry seal maintenance. The paving program utilizes a Pavement Condition Index (PCI) to track the current street condition along with a replacement cycle based on industry standards to estimate what is required to maintain appropriate conditions. In addition, the Transportation MC program includes over 40 vehicular and pedestrian bridges and culverts, 186 bus shelters, and 294 signalized intersections. Finally, the Transportation MC program which has 50 miles of multi-use trails and 36 miles of on-street bike lanes and sharrows, coordinates with the Parks MC program on the maintenance of bicycle and pedestrian trails. The off-street bicycle network investments, managed by Parks MC, must be jointly coordinated with the on-street bicycle network and pavement marking priorities of the Transportation MC. The County’s trail system is heavily used for recreation and by commuters and keeping these trails well maintained and connected is important. Detail on the various Transportation MC programs is found in the Transportation section of the CIP.

### **Information Technology**

Maintenance Capital funding for Information Technology provides funding for the systems and software that serve County departments and typically reach the end of their useful life-expectancy between three and 10 years, at which point the systems become increasingly costly to maintain and difficult to exchange information with other systems. Priorities for determining which applications to replace first are driven by age, criticality of the system to operations, and availability of on-going support from the application’s vendor. Master lease financing is also a significant funding source for technology improvements. Additionally, new technology advances have increased the volume, frequency, variety and velocity of electronic data to be managed,

maintained and secured. This CIP request reflects the County's recognition of the need to accommodate these developments through increased investment in the sustainment of its technology infrastructure.

## **Parks & Facilities**

The Parks Maintenance Capital Program funds the replacement or major renovation of different types of outdoor park and recreation facility assets including athletic fields and courts, lighting, playgrounds, picnic shelters, restrooms, site amenities, parking and specialty facilities such as the skate park. The program also addresses accessibility, safety and storm water improvements that are complementary to renovating or replacing assets. The Synthetic Turf Program (referenced in the Parks and Recreation Summary under General Government) covers both the replacement of synthetic turf under the Parks Maintenance Capital Program and the conversion of several existing grass fields to new synthetic turf fields.

The Facilities Maintenance Capital Program addresses the replacement and renewal of facilities' roofs, finishes, mechanical, electrical, and other systems that require replacement and renewal to maintain good operating condition, a professional appearance, and to meet current code requirements. Projects do not substantially alter the characteristics or enlarge the footprint of the facility, but extend the useful life and may include improvements to safety systems and energy performance.

Driven by the conclusions of the special CIP Working Group on parks and facilities maintenance capital (which completed work in late 2011 and initially factored into the FY 2013 budget), we have made great progress over the last four fiscal years. Since FYs 2012 – 2014 we have increased total maintenance capital funding by over \$5 million, specifically the bond funding. The larger funding levels have allowed for more bundled projects (meaning combining several smaller projects) and as a result, not as many projects are being completed, but an entire facility or park is completed which allows for less disruption to the community and facility tenants. We have added staff to help with both planning and execution. We have made progress in reducing the prior backlog of MC projects; yet high level of investments will need to continue in order to work through our multi-year plan.

The parks and facility condition assessments, which serve as the starting point for our maintenance capital plan, were initially done in 2008 with an update in 2009-2010, and the facility assessments were updated in 2012-2013. As noted by the working group, the backlogs identified in the assessments were planning estimates, to be used as a starting point, since they did not include certain project cost items (e.g., design, staff charge-backs, permit fees, construction administration, storm water improvements, and third party inspections, when needed) as well as many factors that affect project costs after they are fully scoped, designed, and bid. Both the facilities and parks programs plan to update their assessments over the next two years where we will be performing contractor-assisted updates to the actual condition assessments, where physical conditions in the field will be reassessed. The updated plans will provide better cost estimates and help reevaluate next steps in addressing the backlog of deficiencies. The database will continue to remain dynamic as both unit costs and inventory changes over time, including additions to the inventory such as new facilities or parks.

Going forward, we plan to update the database on an annual basis, so we can have a consistent basis for plotting trends. The annual reading will reflect the accumulated effect of completed projects, appropriate deferrals, change in unit costs from actual bid experience, any changes in our assumptions on useful life of certain elements, and any changes in inventory. As staff executes the plan, we will continue to reassess staffing levels to insure they remain appropriate with project execution targets.

The MC funding strategy outlined above relies on a combination of funding sources:

- **Bonds** – This CIP continues the practice of funding MC projects from bonds when projects meet bond capitalization criteria – minimum cost of \$100,000 and the useful life is not less than the average life of the bonds (typically 10-11 years). The CIP reflects an increased level of bond funding for parks and facilities, totaling \$21.5 million in the November 2016 referenda (which includes FYs 2017 and 2018) compared to \$20.4 million in the November 2014 referenda. Out-year 2018 (FYs 2019 and 2020) and 2020 (FYs 2021 and 2022) are programmed at \$19.5 and \$22.0 million respectively.
- **PAYG** -- The CIP includes increased levels of PAYG funding for parks and facilities, reflecting both baseline PAYG funding as well as the additional one-time funding for parks and facilities. To fully realize the PAYG amounts, additional one-time money will be needed.

To support and illustrate our near term funding request, we are also including a project plan for the next two years (FY 17-18). This list will remain dynamic; only the list of projects in the first year (in this case FY 17) is firm. The plans are listed directly behind the parks and facilities pages. The projects were prioritized using the prioritization guidelines previously endorsed by the County Board, summarized in the tables below. The yearly plan will remain dynamic, but indicates what we are specifically planning for execution in the near term. The CIP also estimates levels of funding in FY 19-26 based on our best judgment of how increased investments will affect the inventory, and what we anticipate will be needed for sustainment over time.

<p align="center"><b>Facilities Maintenance Capital Prioritization Methodology</b></p>	<p align="center"><b>Parks Maintenance Capital Prioritization Methodology</b></p>
<p><b><u>Urgency (50%)</u></b></p> <ul style="list-style-type: none"> <li>• Items that require immediate action (leaking roofs)</li> <li>• Corrections to prevent failures of life/safety systems (fire alarms)</li> </ul> <p><b><u>Facility Condition (30%)</u></b></p> <ul style="list-style-type: none"> <li>• Reliability of HVAC, electrical and plumbing components or systems</li> <li>• Preventing accelerated deterioration</li> </ul> <p><b><u>Special Considerations (20%)</u></b></p> <ul style="list-style-type: none"> <li>• Components or systems that require replacement to meet changing program goals, energy efficiency goals, etc.</li> <li>• Timely combination with other projects or component replacements</li> </ul>	<p><b><u>Condition (50%)</u></b></p> <ul style="list-style-type: none"> <li>• Age and life safety</li> <li>• Ordinance and policy compliance</li> <li>• Americans with Disabilities Act (ADA) and Consumer Product Safety Commission (CPSC)</li> </ul> <p><b><u>Program Adequacy (30%)</u></b></p> <ul style="list-style-type: none"> <li>• Usage, community need, program demand</li> <li>• Industry standards, County standards</li> </ul> <p><b><u>Special Considerations (20%)</u></b></p> <ul style="list-style-type: none"> <li>• Project synergies, economies of scale, project readiness, adopted master plans, and County Board priorities</li> </ul>



# LOCAL PARKS AND RECREATION PROGRAMS

### Program Description

The Local Parks and Recreation capital improvement program consists of key projects and program elements that will provide for the construction of new park facilities and major upgrades or renovations of existing park facilities. The program represents an implementation plan and strategies based upon sound planning to ensure that capital funding is invested strategically for the benefit of the County and its residents.

### Program Summary

The Local Parks and Recreation projects focus on completing or furthering parks that have Board-adopted park master plans or have undergone significant community planning efforts. The FY2017 - FY2026 CIP contains funding to complete significant phases or final completion of several important projects including Tyrol Hills Park, Four Mile Run Near-Stream Improvements and Mosaic Park. The ten-year CIP also includes funding for master planning, design and construction of several parks including two parks identified in the Crystal City Sector Plan, Jennie Dean Park, and several neighborhood parks in the Ballston-Virginia Square area. The program also includes four new CIP projects: Arlington Boathouse, Glebe and Randolph Park, Drew Park and Rosslyn Highlands Park (RHP+). The program also focuses on funding for four ongoing program elements: Parks Capital Maintenance Program, Trail Modernization Program, Synthetic Turf Program and Parks Land Acquisition and Open Space Program. The four programs are summarized on this page.

The Parks Maintenance Capital Program provides for recurring, systematic reinvestment in existing outdoor facilities to insure efficient, safe, high quality park and recreation facilities. The program funds the replacement or major renovation of different elements of outdoor park and recreation facility assets including athletic fields and courts, lighting, playgrounds, picnic shelters, restrooms, site amenities, trails, parking, and specialty facilities such as the skate park. The program also addresses accessibility, safety and storm water improvements that are complementary to renovating the assets.

The Trail Modernization Program is a new program that focuses on replacement and major renovation of the County's 31.5 miles of off-street multi-purpose trails. The program covers trail replacement as well as milling and repaving. The program also renovates or replaces existing trail lighting. The initial years will focus on the County's three primary off-street trails: Four Mile Run, Custis and Bluemont Junction.

The Synthetic Turf Program is largely focused on replacement of existing synthetic fields that are approaching the end of their useful life. The funding for FY2017-FY2026 also identifies the opportunity to convert four grass fields to synthetic turf as well as a new field planned for the Rosslyn Highlands Park (RHP+) project in Rosslyn. Conversion costs involve the cost to remove and recycle the old turf and infill, fine grade and level the base layer of aggregate, install and sew the new turf, cut and install lines not tufted in from the factory, install the infill, lighting, and site amenities including site furnishings, pathways, landscaping and permanent or portable restrooms as needed. The cost for both replacement and conversion also includes design and project management.

The Parks and Land Acquisition and Open Space Program funds the acquisition of strategic parcels of park land. The program typically has a balance on hand that allows key acquisitions to be made in a timely fashion, such as infill parcels at Lang Street Community Gardens, Benjamin Banneker and Chestnut Hills that were acquired by the County in 2015 and 2016. Potential acquisition sites are identified in the Public Spaces Master Plan (PSMP) and will be updated as part of the PSMP update.

### Master Plan Impact

The 2005 Public Spaces Master Plan (PSMP) is an element of the County's Comprehensive Plan. The County kicked off the planning process to update the PSMP in fall 2015.

# Arlington County, Virginia

## LOCAL PARKS AND RECREATION PROGRAMS: PROGRAM FUNDING SUMMARY

CIP  
2017 – 2026

### 10 YEAR PROGRAMMED CATEGORY SUMMARY (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Maintenance Capital	7,963	9,720	9,080	9,260	9,480	9,630	9,860	9,990	10,420	10,890	96,293
Park Master Plans	3,170	1,800	9,355	12,525	740	10,310	4,775	9,725	7,650	1,630	61,680
Parks Land Acquisition and OpenSpace	3,000	0	3,000	0	3,000	0	3,000	0	3,000	0	15,000
Synthetic Turf Program	250	4,250	2,137	5,245	3,400	980	3,822	3,670	1,846	4,128	29,728
Trail Modernization	700	550	550	550	550	550	550	550	550	550	5,650
<b>Total Recommendation</b>	<b>15,083</b>	<b>16,320</b>	<b>24,122</b>	<b>27,580</b>	<b>17,170</b>	<b>21,470</b>	<b>22,007</b>	<b>23,935</b>	<b>23,466</b>	<b>17,198</b>	<b>208,351</b>

### PROGRAM FUNDING SOURCES (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	625	3,335	0	0	0	0	0	0	3,960
New Bond Issue	11,460	7,850	17,780	15,665	12,240	13,930	12,950	16,650	18,200	9,180	135,905
PAYG	1,323	6,551	5,717	7,453	4,530	5,390	8,413	5,874	4,502	6,931	56,684
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	250	858	0	1,127	0	0	644	1,411	764	1,087	6,141
Tax Increment Financing (TIF)	1,800	0	0	0	400	2,150	0	0	0	0	4,350
<b>Subtotal New Funding</b>	<b>14,833</b>	<b>15,259</b>	<b>24,122</b>	<b>27,580</b>	<b>17,170</b>	<b>21,470</b>	<b>22,007</b>	<b>23,935</b>	<b>23,466</b>	<b>17,198</b>	<b>207,040</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	250	1,061	0	0	0	0	0	0	0	0	1,311
<b>Subtotal Previously Approved Funding</b>	<b>250</b>	<b>1,061</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,311</b>
<b>Total Funding Sources</b>	<b>15,083</b>	<b>16,320</b>	<b>24,122</b>	<b>27,580</b>	<b>17,170</b>	<b>21,470</b>	<b>22,007</b>	<b>23,935</b>	<b>23,466</b>	<b>17,198</b>	<b>208,351</b>

10 YEAR CATEGORY SUMMARY (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Parks Maintenance Capital	7,963	9,370	8,730	8,910	9,130	9,280	9,510	9,640	10,070	10,540	93,143
Feasibility Studies	0	350	350	350	350	350	350	350	350	350	3,150
<b>Total Recommendation</b>	<b>7,963</b>	<b>9,720</b>	<b>9,080</b>	<b>9,260</b>	<b>9,480</b>	<b>9,630</b>	<b>9,860</b>	<b>9,990</b>	<b>10,420</b>	<b>10,890</b>	<b>96,293</b>

CATEGORY FUNDING SOURCES (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	6,390	5,500	5,500	6,000	6,000	6,500	6,500	7,000	7,000	7,000	63,390
PAYG	1,323	4,220	3,580	3,260	3,480	3,130	3,360	2,990	3,420	3,890	32,653
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	250	0	0	0	0	0	0	0	0	0	250
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>7,963</b>	<b>9,720</b>	<b>9,080</b>	<b>9,260</b>	<b>9,480</b>	<b>9,630</b>	<b>9,860</b>	<b>9,990</b>	<b>10,420</b>	<b>10,890</b>	<b>96,293</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Funding Sources</b>	<b>7,963</b>	<b>9,720</b>	<b>9,080</b>	<b>9,260</b>	<b>9,480</b>	<b>9,630</b>	<b>9,860</b>	<b>9,990</b>	<b>10,420</b>	<b>10,890</b>	<b>96,293</b>

# LOCAL PARKS AND RECREATION PROGRAMS

## MAINTENANCE CAPITAL

LOCAL PARKS AND RECREATION PROGRAMS  
2017 – 2026 CIP

### Parks Maintenance Capital

#### Project Description

The Parks Maintenance Capital Program provides for recurring, systematic reinvestment in existing outdoor facilities to insure efficient, safe, high quality park and recreation facilities for the community to enjoy. The program funds the replacement or major renovation of outdoor park and recreation facility assets including athletic fields and courts, lighting, playgrounds, picnic shelters, restrooms, site amenities, trails, parking, and specialty facilities such as the skate park. The program also addresses bringing facilities up to current standards, accessibility, safety requirements, storm water improvements and the protection of natural resources that are complementary to renovating the assets. The County utilizes a base level of pay-as-you-go allocations and local parks and recreation bonds to fund the program. Two years of projects (FY17 - FY18) appear below.

<b>Associated Master Plan:</b> Public Spaces Master Plan (PSMP)	<b>Advisory Commission:</b> Park and Recreation Commission, Sports Commission
<b>Neighborhood(s):</b> VARIOUS	

#### Project Justification

The Parks Maintenance Capital Program reinvests in park assets using a multi-year strategy to address the maintenance capital backlog. Over the last few cycles, the backlog has been reduced, yet there continues to be a need for high level investments in order to execute the multi-year plan and address the extensive inventory of park assets. The "catching-up" portion will be accomplished by initially focusing on the major existing deteriorating assets that have been deferred. The Parks Maintenance Capital program will bring balance to the three heavily used elements that represent significant areas of investment: athletic fields, athletic courts, and playgrounds. Where appropriate, the assets will be bundled with other similar features in the park that need replacing in the same time frame and have similar construction characteristics or are similarly located in the park. For example, basketball courts, tennis courts and parking may be bundled together into one project to be more efficient and effective. Other program elements will begin to be addressed and will ramp up towards a sustainable level in the out-years. The long term goal over the ten year CIP is to bring the Parks Maintenance Capital Program components into a maintainable balance that can be sustained in the future. The first asset program component to be maintained to keep up with maintenance requirements are the synthetic turf fields (referenced separately in this CIP under Synthetic Turf Program). As new parks or facilities are added to the inventory, their assets will be entered into the asset management database and placed into the keep up program. DPR is using previous PAYG funding to undertake a major update to the Assessment database (last updated in 2008-2009). The program manager position, which is responsible for managing the update, planning and scheduling the parks maintenance capital projects, developing project budgets, and working on other coordination and tracking, is funded annually through PAYG.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$93,143**

**Funding Schedule (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	6,390	5,500	5,500	6,000	6,000	6,500	6,500	7,000	7,000	7,000	63,390
PAYG	1,323	3,870	3,230	2,910	3,130	2,780	3,010	2,640	3,070	3,540	29,503
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	250	0	0	0	0	0	0	0	0	0	250
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>7,963</b>	<b>9,370</b>	<b>8,730</b>	<b>8,910</b>	<b>9,130</b>	<b>9,280</b>	<b>9,510</b>	<b>9,640</b>	<b>10,070</b>	<b>10,540</b>	<b>93,143</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>7,963</b>	<b>9,370</b>	<b>8,730</b>	<b>8,910</b>	<b>9,130</b>	<b>9,280</b>	<b>9,510</b>	<b>9,640</b>	<b>10,070</b>	<b>10,540</b>	<b>93,143</b>

**Notes on Funding Schedule**

Grass turf fields are funded through PAYG. Other program elements including playgrounds, athletic courts, lighting, picnic shelters, restrooms, trails and parking lots may be funded through either PAYG or bond referenda. The Other funding included are for field funds collected as assessed fees for use of the fields. Those fees are assumed in the PAYG amount in the outyears. Funding from APS for their portion of maintenance capital projects are not included here, but are noted in the detailed project list below.

**Projected Additional Operating Costs (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	447	954	1,509	2,073	2,632	3,217	3,795	4,399	4,994	24,020
<b>Net Operating Cost</b>	<b>0</b>	<b>447</b>	<b>954</b>	<b>1,509</b>	<b>2,073</b>	<b>2,632</b>	<b>3,217</b>	<b>3,795</b>	<b>4,399</b>	<b>4,994</b>	<b>24,020</b>

**Notes on Operating Costs**

Operating costs are anticipated to be minimal as a result of Capital Maintenance.

**Total New FTEs (#): 0**

**Parks Maintenance Capital Project Lists FY 2017 - FY 2018**

<b>FY</b>	<b>Project Name - Description</b>	<b>PAYG (P) Bond (B) APS (A)</b>	<b>Total Project Cost *\$8,216,586 Includes APS funds</b>
17	<b>Powhatan Springs Park</b> Design and construction for replacement of the skate park, site furnishings, signage and ADA parking.	\$287,965 P \$1,922,095 B	\$2,210,060
17	<b>Henry Clay Park</b> Design and construction for replacement of the basketball court, playground, athletic field, picnic shelter, site circulation, site furnishings, signage, fencing, drainage and landscaping.	\$307,245 P \$1,968,822 B	\$2,276,067
17	<b>Madison Manor Park</b> Design and construction for replacement of the basketball court, playground, athletic fields, picnic shelter, parking, site circulation, site furnishings, signage, fencing, drainage and landscaping.	\$217,048 P \$2,499,083 B	\$2,716,131
17	<b>Wakefield Stadium Lights</b> Design and construction for demolition and new lights on the high school stadium field (assumes APS cost sharing of \$253,731 for total project cost of \$634,328.	\$380,597 P \$253,731 A	\$634,328
17	<b>Field Fund Program</b> The fees assessed for rectangular fields are directed to support replacement and construction of synthetic turf fields in the County (annual estimate of \$180,000). The fees assessed on diamond fields (annual estimate of \$70,000) are to be used each year for specific diamond field enhancements, such as improved irrigation, batting cages, or accelerated sod replacement.	\$250,000 P	\$250,000
17	<b>Capital Asset Manager</b> Maintenance Capital program staff	\$130,000 P	\$130,000
	<b>FY 2017 Total</b>	<b>\$8,216,586</b>	<b>\$8,216,586</b>
18	<b>Bluemont Park</b> Design. The project is for replacement of tennis courts, lighting, restroom/storage, picnic shelter, parking lot, adjoining section of Four Mile Run Trail, site circulation, site furnishings, drainage, landscaping	\$575,000 B	\$575,000
18	<b>Alcova Heights Park</b> Design and construction for replacement of basketball court, lights, restroom, playground, sand volleyball, picnic shelter, site circulation, site furnishings, signage, fencing, drainage and landscaping.	\$4,000,000 B	\$4,000,000
18	<b>Marcey Road Park</b> Design. The project is for replacement of the tennis courts, basketball court, lights, gazebo, site circulation, site furnishings, drainage and landscaping	\$350,000 B	\$350,000
18	<b>TJ Park</b> Planning and design. The project is for replacement of the tennis courts, basketball courts, lights, track, fitness stations, playground, athletic fields, entry feature, site circulation, site furnishings, signage, fencing, drainage, landscaping	\$5,750,00 B	\$575,000
18	<b>Field Fund Program</b> The fees assessed for rectangular fields are directed to support replacement and construction of synthetic turf fields in the County (annual estimate of \$180,000). The fees assessed on diamond fields (annual estimate of \$70,000) are to be used each year for specific diamond field enhancements, such as improved irrigation, batting cages, or accelerated sod replacement.	\$250,000P	\$250,000
18	<b>PAYG funds</b> Anticipated PAYG funds needed to fully fund the FY18 program	\$3,620,000P	\$3,620,000
	<b>FY 2018 Total</b>	<b>\$9,370,000</b>	<b>\$9,370,000</b>

# LOCAL PARKS AND RECREATION PROGRAMS

## MAINTENANCE CAPITAL

LOCAL PARKS AND RECREATION PROGRAMS  
2017 – 2026 CIP

### Feasibility Studies

#### Project Description

Master planning provides program funds that allow the County to address strategies and analysis for park and recreation facilities and other public spaces. Funding provides flexibility to conduct feasibility, impact or other analytical studies and conceptual plans as the need arises.

<b>Associated Master Plan:</b> Public Spaces Master Plan (PSMP)	<b>Advisory Commission:</b> Park and Recreation Commission, Planning Commission, Sports Commission, Urban Forestry Commission
<b>Neighborhood(s):</b> VARIOUS	

#### Project Justification

The master planning funds will provide the ability to conduct timely and relevant analysis and studies as opportunities and needs arise. The program is meant for new planning initiatives that are outside current CIP projects. Examples are potential planning and analysis needs for parks and sites associated with site plan and PDSP proposals, Arlington Public Schools proposals, affordable housing proposals, or land acquisition opportunities.

#### Changes from Prior CIP

This is a new program and was not included in previous CIP's. It parallels a similar funding source that other departments have for unprogrammed planning study needs.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$3,150**

A&E includes consultants and staff project managers.

***Notes on Funding Schedule***

**Funding Schedule (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	0	0	0
PAYG	0	350	350	350	350	350	350	350	350	350	3,150
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>3,150</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>3,150</b>

***Notes on Operating Costs***

**Projected Additional Operating Costs (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	0	0	0	0
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Total New FTEs (#): 0**



# Arlington County, Virginia

## PARK MASTER PLANS: PROGRAM FUNDING SUMMARY

CIP  
2017 – 2026

### 10 YEAR CATEGORY SUMMARY (IN \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Arlington Boathouse	0	0	0	0	0	0	0	0	0	980	980
Crystal City Parks and Open Space	1,800	0	0	0	400	2,150	0	0	0	0	4,350
Drew Park	0	0	0	0	0	0	0	0	1,030	0	1,030
Four Mile Run Near-Stream Improvements	0	0	0	0	0	3,750	0	0	0	0	3,750
Four Urban Parks in Ballston-Virginia Square	0	0	0	0	0	0	600	3,000	0	0	3,600
Glebe and Randolph Park	0	0	0	0	0	0	0	0	320	650	970
Jennie Dean Park	0	1,800	8,000	4,600	0	0	0	0	0	0	14,400
Long Bridge Park	0	0	0	0	0	0	1,875	625	0	0	2,500
Mosaic Park - Phases II	0	0	0	0	340	4,410	0	0	0	0	4,750
Quincy Park	0	0	0	0	0	0	2,300	6,100	6,300	0	14,700
Rosslyn Highlands Park +	0	0	1,355	7,925	0	0	0	0	0	0	9,280
Tyrol Hills Park	1,370	0	0	0	0	0	0	0	0	0	1,370
<b>Total Recommendation</b>	<b>3,170</b>	<b>1,800</b>	<b>9,355</b>	<b>12,525</b>	<b>740</b>	<b>10,310</b>	<b>4,775</b>	<b>9,725</b>	<b>7,650</b>	<b>1,630</b>	<b>61,680</b>

CATEGORY FUNDING SOURCES (IN \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	625	3,335	0	0	0	0	0	0	3,960
New Bond Issue	1,370	1,800	8,730	9,115	340	6,880	2,900	9,100	7,650	1,630	49,515
PAYG	0	0	0	0	0	1,280	1,875	625	0	0	3,780
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	75	0	0	0	0	0	0	75
Tax Increment Financing (TIF)	1,800	0	0	0	400	2,150	0	0	0	0	4,350
<b>Subtotal New Funding</b>	<b>3,170</b>	<b>1,800</b>	<b>9,355</b>	<b>12,525</b>	<b>740</b>	<b>10,310</b>	<b>4,775</b>	<b>9,725</b>	<b>7,650</b>	<b>1,630</b>	<b>61,680</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Funding Sources</b>	<b>3,170</b>	<b>1,800</b>	<b>9,355</b>	<b>12,525</b>	<b>740</b>	<b>10,310</b>	<b>4,775</b>	<b>9,725</b>	<b>7,650</b>	<b>1,630</b>	<b>61,680</b>



**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$980**

***Notes on Funding Schedule***

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	0	980	980
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>980</b>	<b>980</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>980</b>	<b>980</b>

***Notes on Operating Costs***

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	0	0	0	0
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

*The operating budget will be developed after the final design elements and program are determined and potential partnerships have been developed.*

**Total New FTEs (#): 0**

# LOCAL PARKS AND RECREATION PROGRAMS

## PARK MASTER PLANS

LOCAL PARKS AND RECREATION PROGRAMS  
2017 – 2026 CIP

### Crystal City Parks and Open Space

#### Project Description

The projects begin to implement the initial anticipated parks and open spaces identified in the adopted Crystal City Sector Plan. The parks and plazas identified in the plan will provide diverse recreational opportunities to residents and workers in Crystal City. The second project will be identified in the future and is dependent on redevelopment plans from property owners. The first County-funded park and open space project will be the 15th Street mini-park, an approximately 33,500 square foot median area that is positioned as the central feature of the 15th Street reconfiguration between Clark-Bell Street and Crystal Drive. The project will feature extensive landscaping, paved walks and seating areas, and a central water feature and pavilion which will serve as a focal point for the park.

<b>Associated Master Plan:</b> Crystal City Sector Plan, Public Spaces Master Plan (PSMP)	<b>Critical Milestones:</b>  <i>15th St. develop park design</i> <b>2016-2017</b> <i>Construction start</i> <b>2017</b> <i>Construction complete</i> <b>2018</b>	<b>Advisory Commission:</b> Environment and Energy Conservation Commission, Park and Recreation Commission, Urban Forestry Commission
<b>Neighborhood(s):</b> VARIOUS		

#### Project Justification

The Crystal City Sector plan envisions that over time the automobile-oriented neighborhood form will take on a more urban character as a modern, mixed-use area. One of the goals of the plan is a focus on establishing a public open space network that is comprised of a variety of high-quality parks and plazas, fully accessible to and usable by the public. With each redevelopment project that results in the loss of an existing park or plaza, the Sector Plan includes a mandate to concurrently replace that loss with a new public open space or provide physical improvements and dedicated public access to an existing space. Based on the best current information on the timing of the initial redevelopment projects and street improvements, the 15th Street Park will be the first project undertaken per the recommendations of the sector plan. The gateway park at the northern terminus of Crystal Drive is anticipated to be the next park undertaken, but will be reevaluated as the timing of redevelopment projects occur. Projects may be adjusted depending on the actual sequence of redevelopment and street improvements. Initiating the master planning efforts and subsequent design and construction phases for these spaces is a critical first step in laying the groundwork for the future public open space network in Crystal City.

#### Changes from Prior CIP

The 15th Street project will follow the completion of the street improvements and median. A rough order of magnitude budget has been developed based on the concept described in the Crystal City Sector Plan. Both park projects will be funded by the TIF rather than previously projected park bonds.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$4,350**

**Funding Schedule (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	0	0	0
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	1,800	0	0	0	400	2,150	0	0	0	0	4,350
<b>Subtotal New Funding</b>	<b>1,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400</b>	<b>2,150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,350</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>1,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400</b>	<b>2,150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,350</b>

**Notes on Funding Schedule**

There are a number of parks and open spaces identified in the Crystal City Sector Plan. While it is assumed that funding for these first two parks will be funded through the TIF, there is the potential for funding of other park improvements through a combination of TIF, County and developer funds. All temporary parks should be funded by the developers.

**Projected Additional Operating Costs (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	100	103	106	109	113	116	119	123	127	1,016
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	0	0	0	0
<b>Net Operating Cost</b>	<b>0</b>	<b>100</b>	<b>103</b>	<b>106</b>	<b>109</b>	<b>113</b>	<b>116</b>	<b>119</b>	<b>123</b>	<b>127</b>	<b>1,016</b>

**Notes on Operating Costs**

Operating costs have been projected for the 15th Street project. The operating budget will be adjusted after the final design elements and program are determined.

**Total New FTEs (#): 0**

# LOCAL PARKS AND RECREATION PROGRAMS

## PARK MASTER PLANS

LOCAL PARKS AND RECREATION PROGRAMS  
2017 – 2026 CIP

### **Drew Park**

#### **Project Description**

Drew Park is located in a strategic location across from the new Nauck Town Square and adjacent to the S. Kenmore Street frontage of the Drew Model School and Drew Community Center site. The project includes developing a final park master plan, final design and construction of the new park.

<b>Associated Master Plan:</b> Public Spaces Master Plan (PSMP)	<b>Critical Milestones:</b>  <i>Planning and design</i> <b>2025</b> <i>Construction</i> <b>2025</b>	<b>Advisory Commission:</b> Environment and Energy Conservation Commission, Park and Recreation Commission, Sports Commission, Urban Forestry Commission
<b>Neighborhood(s):</b> Nauck		

#### **Project Justification**

When the Drew Model School and Drew Community Center were constructed in the early 2000's, the new building displaced the former park. Over the last 15 years, the County has assembled a new park along S. Kenmore Street to replace the former park. The new Drew Park is comprised of acquisition of several private parcels, a YMCA-donated parcel and a pending exchange of two acres of property with Arlington Public Schools which will be implemented in fall 2016. The County developed an early conceptual park master plan in 2004, and constructed a playground and spray playground on a portion of the new park site in 2009 and a dedication bench for the YMCA donation in 2010.

#### **Changes from Prior CIP**

This is a new project.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$1,030**

There is one additional piece of land acquisition (1/2 duplex) still to be acquired. That property will be acquired through the Parks Land Acquisition and Open Space Program.

**Notes on Funding Schedule**

**Funding Schedule (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	1,030	0	1,030
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,030</b>	<b>0</b>	<b>1,030</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,030</b>	<b>0</b>	<b>1,030</b>

**Notes on Operating Costs**

**Projected Additional Operating Costs (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	0	0	0	0
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

*The operating budget will be developed after the final design elements of the park are determined during the planning and design phase.*

**Total New FTEs (#):** **0**



# LOCAL PARKS AND RECREATION PROGRAMS

## PARK MASTER PLANS

LOCAL PARKS AND RECREATION PROGRAMS  
2017 – 2026 CIP

### Four Mile Run Near-Stream Improvements

#### Project Description

The Four Mile Run Master Plan, which was adopted by the County Board in 2006, is the result of an extensive inter-jurisdictional, inter-agency, and citizen-based collaborative effort. Staff and citizens from Arlington County and the City of Alexandria, along with the Northern Virginia Regional Commission (NVRC) and the United States Army Corps of Engineers (USACE), developed the overall scope for the stream restoration effort and managed the master planning process. The plan focuses on the lower two miles of Four Mile Run from Shirlington Road to the Potomac River. The master plan represents a bold vision that enhances environmental, recreational, and open space resources and enhances the urban vitality of both jurisdictions.

<b>Associated Master Plan:</b> Four Mile Run Design Guidelines, Public Spaces Master Plan (PSMP)	<b>Critical Milestones:</b>  <i>Planning and design of "South Park"</i> <span style="float: right;">2022</span>	<b>Advisory Commission:</b> Park and Recreation Commission
<b>Neighborhood(s):</b> VARIOUS	<i>Construction of "South Park"</i> <span style="float: right;">2022-2023</span>	

#### Project Justification

The Four Mile Run Master Plan will be implemented over several decades. Following the adoption of the master plan, the initial focus was on the development of design guidelines and the design of the tidal corridor in-stream improvements, but the plan also envisions improvements to the parks and open space adjacent to the stream, including the removal of one of several unused bridges at the mouth of Four Mile Run and adaptive reuse of one of these bridges to create exciting public space adjacent to Potomac Yards development, as well as numerous plazas, promenades, and other public gathering spaces along both the Arlington and Alexandria sides of the Four Mile Run. This project will begin to implement these important parks and open spaces in phases, beginning with the joint effort with the City of Alexandria to plan and develop "South Park" at the mouth of Four Mile Run. The projects include public art.

#### Changes from Prior CIP

Construction of the second phase of the project has moved beyond the ten-year CIP.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$3,750**

**Notes on Funding Schedule**

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	2,470	0	0	0	0	2,470
PAYG	0	0	0	0	0	1,280	0	0	0	0	1,280
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,750</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,750</b>

**Notes on Operating Costs**

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	173	220	245	239	877
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>173</b>	<b>220</b>	<b>245</b>	<b>239</b>	<b>877</b>

*The operating budget will be developed after the final design elements of the project are designed.*

**Total New FTEs (#): 0**

**Four Urban Parks in Ballston-Virginia Square**

**Project Description**

Maury, Herselle Milliken, Oakland and Gumball Parks are four small parks located in the Ballston-Virginia Square area. These parks, which currently have a minimum level of amenities, will provide much needed recreation opportunities to the residents and businesses in this increasingly dense area of the County. Park master plans will be developed for the four parks along with design and construction of two of the park master plans in a phased approach. Implementation of the other two parks is beyond the timeframe of the ten year CIP.

<p><b>Associated Master Plan:</b> Ballston Sector Plan, Public Spaces Master Plan (PSMP), Virginia Square Sector Plan</p>	<p><b>Critical Milestones:</b></p> <p><i>Develop park master plans for four parks</i>                            2023</p> <p><i>Design for two of the parks</i>    2023</p> <p><i>Construction for two of the parks</i>    2024</p>	<p><b>Advisory Commission:</b> Park and Recreation Commission</p>
<p><b>Neighborhood(s):</b> VARIOUS</p>		

**Project Justification**

This project is to develop park master plans and phased implementation plans for Maury, Herselle Milliken, Oakland and Gumball Parks. The purpose of the master plan is to identify community needs and priorities, taking into consideration that these four small parks are located in close proximity and should have complementary rather than duplicative features. The development of the master plan for Maury and Herselle Milliken will need to address the recently acquired parcels that now link the two parks together. The 2005 Public Spaces Master Plan recommends developing a park master plan for these parks. The Virginia Square Sector plan also recommends that these parks be master planned together as described in Recommendation #71.

**Changes from Prior CIP**

The construction of two parks will be completed within the FY17 - FY26 timeframe of this CIP, with the other two parks completed beyond the ten year horizon.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$3,600**

***Notes on Funding Schedule***

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	600	3,000	0	0	3,600
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600</b>	<b>3,000</b>	<b>0</b>	<b>0</b>	<b>3,600</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600</b>	<b>3,000</b>	<b>0</b>	<b>0</b>	<b>3,600</b>

***Notes on Operating Costs***

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	42	263	327	632
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>42</b>	<b>263</b>	<b>327</b>	<b>632</b>

*The operating budget will be developed after the final design elements of the park master plan are determined.*

**Total New FTEs (#): 0**

# LOCAL PARKS AND RECREATION PROGRAMS

## PARK MASTER PLANS

LOCAL PARKS AND RECREATION PROGRAMS  
2017 – 2026 CIP

### Glebe and Randolph Park

#### Project Description

Glebe and Randolph Park has a very visible and unique location adjacent to the new Ballston Quarter project and North Glebe Road. The 1-acre park is a combination of County-owned property and a perpetual public easement for park purposes. The project includes development of a park master plan and final design and construction drawings. Construction is outside the window of the ten-year CIP. An interim park was implemented in 2013 with the intention of being in place for five to ten years. Interim park amenities include two bocce courts, landscaping, pathways and site furnishings. These short-term improvements enhance the aesthetics and usability of the park until the permanent park can be master planned, designed and constructed.

<b>Associated Master Plan:</b> Public Spaces Master Plan (PSMP)	<b>Critical Milestones:</b>  <i>Develop park master plan</i> 2025 <i>Develop final design and construction drawings</i> 2026	<b>Advisory Commission:</b> Environment and Energy Conservation Commission, Park and Recreation Commission
<b>Neighborhood(s):</b> VARIOUS		

#### Project Justification

The park is situated along a busy transportation corridor and adjacent to the new Ballston Quarter, a public-private partnership between the County and the developer. The Ballston Quarter project will transform the area of the existing Ballston Common Mall into a dynamic, outward facing mixed-use development. The project will include two plazas and mews as well as a pedestrian bridge and streetscape improvements. Glebe and Randolph Park will anchor the public open space on the southeast edge of the complex. A park master plan will be developed through a civic engagement process to determine the permanent elements of the park. Once adopted by the Board, the master plan will help guide the final design of the park and its future construction.

#### Changes from Prior CIP

This is new to the CIP

## Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$970

Funds are for the development of the park master plan and final design of the project.

### Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	320	650	970
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>320</b>	<b>650</b>	<b>970</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>320</b>	<b>650</b>	<b>970</b>

### Notes on Funding Schedule

### Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	0	0	22	22
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>22</b>

### Notes on Operating Costs

The operating budget will be developed after the final design elements of the park master plan are determined.

**Total New FTEs (#):**

**0**

# LOCAL PARKS AND RECREATION PROGRAMS

## PARK MASTER PLANS

LOCAL PARKS AND RECREATION PROGRAMS  
2017 – 2026 CIP

### Jennie Dean Park

#### Project Description

The Shirlington area is undergoing significant redevelopment, bringing new residents and businesses to an area that was once industrial. Over the last ten years, the County has strategically increased the park space at Jennie Dean Park through the assemblage of five new properties. The properties, temporarily in use for a variety of County and non-County functions, will be developed as an important recreation, cultural and environmental resource to serve this vibrant area of the County as recommended in the Public Spaces Master Plan. A park master plan will be developed in 2016-2017, including recommendations for phased development of the existing park and new open space parcels.

<p><b>Associated Master Plan:</b> Public Spaces Master Plan (PSMP)</p>	<p><b>Critical Milestones:</b></p> <table> <tr> <td><i>Develop park master plan</i></td> <td><b>2016-2017</b></td> </tr> <tr> <td><i>Develop construction drawings</i></td> <td><b>2018-2019</b></td> </tr> <tr> <td><i>Construction start</i></td> <td><b>2019</b></td> </tr> <tr> <td><i>Develop Phase I construction completion</i></td> <td><b>2021</b></td> </tr> </table>	<i>Develop park master plan</i>	<b>2016-2017</b>	<i>Develop construction drawings</i>	<b>2018-2019</b>	<i>Construction start</i>	<b>2019</b>	<i>Develop Phase I construction completion</i>	<b>2021</b>	<p><b>Advisory Commission:</b> Arlington Commission for the Arts, Environment and Energy Conservation Commission, Park and Recreation Commission, Sports Commission, Urban Forestry Commission</p>
<i>Develop park master plan</i>	<b>2016-2017</b>									
<i>Develop construction drawings</i>	<b>2018-2019</b>									
<i>Construction start</i>	<b>2019</b>									
<i>Develop Phase I construction completion</i>	<b>2021</b>									
<p><b>Neighborhood(s):</b> VARIOUS</p>										

#### Project Justification

Jennie Dean Park encompasses both an existing park with a significant inventory of aging facilities that are at or beyond their useful life and five new parcels strategically acquired over the last decade. Other parcels may be acquired in the future based on the park master plan that is developed. The park master plan will provide the opportunity to realign existing park features as well as add new features to meet the growing demand for active recreation and cultural resources in the Shirlington area. Once the park master plan has been adopted, the park will be implemented in phases over the FY2017-FY2026 CIP and beyond. The first phase will focus on implementing improvements on the south and east side of the park in the area generally encompassed by the existing Jennie Dean Park and the new park parcels at 3660 S. 27th Street and 3600 S. Four Mile Run Drive. Future phases will need to be determined but include the properties at 3700 S. Four Mile Run Drive (currently serving as DPR office space) and two temporary County storage facilities at 2654 S. Oakland Street and 3806 S. Four Mile Run Drive. Additional properties may be identified for park and open space acquisition as part of the park master plan process.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$14,400**

**Funding Schedule (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	1,800	8,000	4,600	0	0	0	0	0	0	14,400
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>1,800</b>	<b>8,000</b>	<b>4,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,400</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>1,800</b>	<b>8,000</b>	<b>4,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,400</b>

**Notes on Funding Schedule**

Density from the new park parcels will be considered for potential TDR's to offset the cost of park development and land acquisition.

**Projected Additional Operating Costs (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	336	346	357	367	378	389	2,173
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	126	720	1,213	1,377	1,399	1,361	1,323	1,286	8,805
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>126</b>	<b>720</b>	<b>1,549</b>	<b>1,723</b>	<b>1,756</b>	<b>1,728</b>	<b>1,701</b>	<b>1,675</b>	<b>10,978</b>

**Notes on Operating Costs**

The first phase of development is anticipated to be completed in FY2021. An anticipated budget is projected in the CIP as a placeholder. A more detailed operating budget will be developed after the final design elements of the park master plan are determined. If new amenities are added, like a facility, that would significantly change this estimate.

**Total New FTEs (#): 0**





## Capital Costs during Ten Year Period (FY 2017 to FY 2026) (in \$1,000s): \$0

The project will be paid for using existing funding. Additional funding is requested for FY23/24 for the planning and design of the fourth synthetic field and parking structure.

### Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	0	0	0
PAYG	0	0	0	0	0	0	1,875	625	0	0	2,500
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,875</b>	<b>625</b>	<b>0</b>	<b>0</b>	<b>2,500</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,875</b>	<b>625</b>	<b>0</b>	<b>0</b>	<b>2,500</b>

### Notes on Funding Schedule

Available funding is listed below.

### Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)				2,810	2,894	2,981	3,070	3,162	3,257	3,355	21,530
Indoor Operating Costs				1,267	1,305	1,344	1,384	1,426	1,469	1,513	9,708
<b>Total Operating Costs - Indoor Facility</b>				<b>4,077</b>	<b>4,199</b>	<b>4,325</b>	<b>4,455</b>	<b>4,588</b>	<b>4,726</b>	<b>4,868</b>	<b>31,328</b>
<b>*Revenue</b>				<b>3,000</b>	<b>3,090</b>	<b>3,183</b>	<b>3,279</b>	<b>3,962</b>	<b>4,081</b>	<b>4,204</b>	<b>24,800</b>
<b>Net Tax Support – Indoor Facility</b>				<b>1,077</b>	<b>1,109</b>	<b>1,142</b>	<b>1,176</b>	<b>626</b>	<b>645</b>	<b>664</b>	<b>6,438</b>
Outdoor Operating Costs				571	588	606	624	643	662	682	4,375
<b>Total Net Tax Support – Indoor &amp; Outdoor</b>				<b>1,648</b>	<b>1,697</b>	<b>1,748</b>	<b>1,800</b>	<b>1,269</b>	<b>1,307</b>	<b>1,346</b>	<b>10,813</b>

### Notes on Operating Costs

The Long Bridge Aquatics and Fitness Center is anticipated to open in FY20. The addition of any potential "additional options" mentioned above under sponsorship/partnership may impact the net tax support. See below for notes on revenue projections.

- ❖ The costs/revenues included in FY20 reflect inflation over the presentation made to the County Board in April 2016
- ❖ Revenue is expected to increase in FY24 which will be the 5<sup>th</sup> year of facility operations and the point at which the program is expected to have achieved stabilization
- ❖ Net tax support is expected to range from \$1.176M down to \$626k. The reduction is due to the program having developed better program participation and more stable revenue streams in the out years.

**Cost Estimate Ranges for Long Bridge Park Phase 2 and Options \***

April 2016

**Construction Estimates Only**

*\* Estimates are based on per square foot cost of the space necessary to provide for the required use program and not based on an actual design. Ranges are used as the actual cost of the base building and elements will fall in the spectrum between Low and High based on decisions made in regard to material and equipment selections during design.*

Base Construction Item	Low	High
Base Building	\$40m	\$44m
<i>Includes:</i>		
<i>50-M Pool</i>		
<i>300 Spectator Seats</i>		
<i>2 Wet Classrooms</i>		
<i>Family Pool with teaching pool/lap lanes</i>		
<i>Health &amp; Fitness Space</i>		
<i>Community Room</i>		
10.5 Acre Park, Esplanade, Rain Gardens, Remediation, etc.	\$6m	\$6.5m
Total of Construction Costs Only	\$46m	\$50.5m
Potential Options		
Advanced Energy Efficiency	\$4.3m	\$5m
Therapy Pool	\$.9m	\$1m
10-M Dive Tower	\$3.4m	\$4.m
Additional 300 Seats	\$1.5m	\$2m

## Total Project Budget

\*\* Construction costs are escalated starting July 2016 by 3.5% per year for 2 years and then 1% to October 2019.

Construction Cost (taken from above)	\$46m	To	\$50.5m
Construction Contingency		\$5m	
Soft Costs: A/E, FF&E, Technology, Permits, Project Management, Public Art, Staff Costs, other misc.		\$12m	
Total Project Cost	\$63m		\$67.5m

\*\*\* Soft costs estimates are taken from actual estimates provided by outside vendors and external pricing from the previously designed building. It is expected that there would be some reduction in these costs as a smaller building requires less equipment, smaller percentage fees, etc., however at this time revised costs could not be provided, as an example, external vendors could not be asked to reprice their proposals for this exercise.

## Funding History & Sources

### Project/Phase – Previously Spent

Phase I - Build-out of current park	\$35.60M
Phase II (2012 design – aquatics & fitness)	\$ 7.58 M
<b>Total Funds Previously Spent</b>	<b>\$43.18M</b>

### Project/Phase – Previously Approved Funding Balance for Additional Work

Phase II (aquatics, fitness & 10.5 acre park)	\$63 M - \$67.5 M
Phase IIIA (playground additions)	\$ 1.324 M
Project Management	\$ 1.5 M
Other Consultants/Startup Marketing	\$ 1.71 M
<b>Total Balance Available for Additional Work</b>	<b>\$67.53M - \$72.03M</b>

### Project/Phase – Anticipated New Funding

Phase IIIB (field/parking) Future FY23-24 PAYG	<b>\$ 2.5 M</b>
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**Total Capital Costs** **\$113.214 - \$117.714 M**

### Funding Sources

Land Acquisition 30 acres	\$ 0 M
2004 GO Bonds	\$50.0 M
Partnerships/Sponsorships (Marymount)	\$ 2.0 M
Developer Contributions	\$ 1.1 M
2012 GO Bonds	\$42.5 M
FY2012 Closeout Funds	\$ 1.125 M
Capital Contingency	\$ 0.949 M
FY2013 Closeout Funds	\$ 2.5 M
TDR Developer Funding	\$15.04 M
Anticipated FY2023-2024 PAYG Funding	\$ 2.5 M
<b>Total Funding Sources</b>	<b>\$117.714 M</b>



**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$4,750**

Land acquisition costs are anticipated to be covered by developer contribution and/or parks land acquisition funds.

**Notes on Funding Schedule**

**Funding Schedule (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	340	4,410	0	0	0	0	4,750
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>340</b>	<b>4,410</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,750</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>340</b>	<b>4,410</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,750</b>

**Notes on Operating Costs**

**Projected Additional Operating Costs (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	24	339	426	470	458	1,717
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>339</b>	<b>426</b>	<b>470</b>	<b>458</b>	<b>1,717</b>

*The operating budget will be developed after the final design elements of the park master plan are determined.*

**Total New FTEs (#): 0**

## **Mosaic Park - Phases II**

### **Associated Costs and Funding Sources**

Total Project Estimates and Funding History (\$ in Millions)

#### **Project/Phase**

Phase I \$ 6.6 M

Phase II \$ 4.75 M

Total Capital Costs \$11.35 M

#### **Funding Sources**

TDR Developer Funding \$ 6.6 M

Future GO Bonds \$ 4.75 M

**Total Funding Sources \$11.35 M**

# LOCAL PARKS AND RECREATION PROGRAMS

## PARK MASTER PLANS

LOCAL PARKS AND RECREATION PROGRAMS  
2017 – 2026 CIP

### Quincy Park

#### Project Description

Quincy Park is the largest park in the Rosslyn-Ballston corridor, located in one of the most densely populated portions of the County and adjacent to Central Library. The project is for the complete renovation of the park due to the magnitude of multiple facilities within Quincy Park needing replacement within the same time period, as well as opportunities to realign park features and materials to reflect its urban location and current standards. An updated layout plan for the park will be developed in FY 2023 including potential realignment of existing park features and materials to reflect its urban location.

<b>Associated Master Plan:</b> Public Spaces Master Plan (PSMP)	<b>Critical Milestones:</b>  <i>Develop park master plan and design</i> 2023 <i>Construction start</i> 2024 <i>Construction completion</i> 2025	<b>Advisory Commission:</b> Environment and Energy Conservation Commission, Park and Recreation Commission, Sports Commission, Urban Forestry Commission
<b>Neighborhood(s):</b> VARIOUS		

#### Project Justification

The park master plan will provide the opportunity to develop an updated layout plan for future renovation of the park, including the opportunity to realign existing park features, use of materials that reflect the park's urban location, and explore other potential key features that should be included in the park. The master plan will include design strategies for retaining the current mix of athletic fields and courts balanced with a design that recognizes Quincy Park as the only major community park in the Rosslyn Ballston corridor and its central location and importance in the County. Quincy Park has a significant inventory of aging facilities that are at or beyond their useful life. The Park Infrastructure Asset Management Study shows that the baseball, softball and soccer fields the tennis and basketball courts, field and court lighting, picnic shelter and other park amenities are all reaching the end of their useful life and need replacing within the same period. The playground and volleyball court in the northeast corner of the park were funded in FY13 and are currently under construction.

#### Changes from Prior CIP

The project has been moved out three years from the previous CIP.



**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$14,700**

***Notes on Funding Schedule***

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	2,300	6,100	6,300	0	14,700
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,300</b>	<b>6,100</b>	<b>6,300</b>	<b>0</b>	<b>14,700</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,300</b>	<b>6,100</b>	<b>6,300</b>	<b>0</b>	<b>14,700</b>

***Notes on Operating Costs***

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	161	632	1,212	2,005
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>161</b>	<b>632</b>	<b>1,212</b>	<b>2,005</b>

*Any increases to the current operating budget will be developed after the final design elements of the park master plan is determined.*

**Total New FTEs (#): 0**



## Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$9,280

Cost estimates were developed by the A&E consultant during the master planning phase of the project. They are pre-design costs.

### Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	625	3,335	0	0	0	0	0	0	3,960
New Bond Issue	0	0	730	4,515	0	0	0	0	0	0	5,245
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	75	0	0	0	0	0	0	75
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>0</b>	<b>1,355</b>	<b>7,925</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,280</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>1,355</b>	<b>7,925</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,280</b>

### Notes on Funding Schedule

The funding for the County Rosslyn Highlands Park is from developer contributions. During the planning and design phase of the project, the County will continue to negotiate on final project costs and contributions from the developer. The APS outdoor space and playground at APAH are using local GO bonds as a funding source. In addition, APAH is contributing \$75k to the project included under 'Other'.

### Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	45	46	48	49	51	52	291
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	51	381	474	519	505	491	477	2,898
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>51</b>	<b>426</b>	<b>520</b>	<b>567</b>	<b>554</b>	<b>542</b>	<b>529</b>	<b>3,189</b>

### Notes on Operating Costs

The cost will be developed once the final design for the park spaces and maintenance agreements with APAH, APS and the developer (Penzance) have been developed.

**Total New FTEs (#):**

**0**

# LOCAL PARKS AND RECREATION PROGRAMS

## PARK MASTER PLANS

LOCAL PARKS AND RECREATION PROGRAMS  
2017 – 2026 CIP

### Tyrol Hills Park

#### Project Description

Tyrol Hills Park is heavily used, serving as the major outdoor gathering space for the Columbia Heights West and Forest Glen neighborhoods. The park is used for basketball and volleyball games, picnics, playing on the playground and informal gatherings and also hosts many programmed recreational activities, camps and community events. The project completes the implementation of the Tyrol Hills Park Master Plan, adopted by the Count Board in December 2003. This is the fourth and final phase. The design for the project was funded in FY13. The third phase, which was funded by the Neighborhood Conservation Program and includes replacement of the playground and small gazebo on the northeast side of the park, is under construction and will be completed by summer 2016.

<b>Associated Master Plan:</b> Public Spaces Master Plan (PSMP)	<b>Critical Milestones:</b>  <i>Completion of construction drawings</i> <b>Spring 2017</b> <i>Construction start</i> <b>Summer 2017</b> <i>Construction complete</i> <b>Summer 2018</b>	<b>Advisory Commission:</b> Environment and Energy Conservation Commission, Park and Recreation Commission
<b>Neighborhood(s):</b> VARIOUS		

#### Project Justification

The project is for the build-out of the final phase of the Tyrol Hills Park Master Plan. The project elements include a comfort station, picnic shelter, paved plaza, site furnishings, and landscaping. The other phases of the master plan have already been implemented through three separate projects funded by the Neighborhood Conservation Program.

#### Changes from Prior CIP

Design (including a community process) will begin in spring 2016 using previously allocated funds. Construction will begin in summer 2017.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$1,370**

***Notes on Funding Schedule***

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	1,370	0	0	0	0	0	0	0	0	0	1,370
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>1,370</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,370</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>1,370</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,370</b>

***Notes on Operating Costs***

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	20	21	21	22	23	23	24	25	25	204
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	96	122	136	132	129	125	122	118	114	1,094
<b>Net Operating Cost</b>	<b>0</b>	<b>116</b>	<b>143</b>	<b>157</b>	<b>154</b>	<b>152</b>	<b>148</b>	<b>146</b>	<b>143</b>	<b>139</b>	<b>1,298</b>

*Operations costs are projected to include utilities, restroom cleaning, landscape maintenance.*

**Total New FTEs (#): 0**

## **Tyrol Hills Park**

### **Associated Costs and Funding Sources**

Total Project Estimates and Funding History (\$ in Millions)

#### **Project/Phase**

NC Project I \$ 0.442 M

NC Project II \$ 0.240 M

NC Project III \$ 0.867 M

Phase IV \$ 1.555 M

Total Capital Costs \$ 3.104 M

#### **Funding Sources**

2002 GO Bonds - NC \$ 0.442 M

2004 GO Bonds - NC \$ 0.240 M 2012GO Bonds - NC \$ 0.867 M

2012 GO Bonds \$ 0.185 M

2016 GO Bond \$ 1.370 M

Total Funding Sources \$ 3.104 M

# Arlington County, Virginia

## LOCAL PARKS AND RECREATION PROGRAMS: PROGRAM FUNDING SUMMARY

CIP  
2017 – 2026

### 10 YEAR CATEGORY SUMMARY (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Parks Land Acquisition and Open Space	3,000	0	3,000	0	3,000	0	3,000	0	3,000	0	15,000
<b>Total Recommendation</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>15,000</b>

### CATEGORY FUNDING SOURCES (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	3,000	0	3,000	0	3,000	0	3,000	0	3,000	0	15,000
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>15,000</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Funding Sources</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>15,000</b>

# LOCAL PARKS AND RECREATION PROGRAMS

## Parks Land Acquisition and Open Space

LOCAL PARKS AND RECREATION PROGRAMS  
2017 – 2026 CIP

### Parks Land Acquisition and Open Space

#### Project Description

Arlington County is nationally recognized for the quality and diversity of its open spaces and public recreational opportunities. Maintaining that high level of stewardship and responsiveness to community needs is a continual challenge because of the County's small size, its high population density, and the pressures and impacts of urban growth on surviving natural areas and open land. The purpose of the Parks Land Acquisition and Open Space program is to have reserves on hand that allow the County to strategically acquire real property for parks and open space based on recommendations in the Public Spaces Master Plan. Land may also be acquired through site plan contributions, such as the Penrose Square acquisition achieved through the Columbia Pike Form Based Code, or Transfer of Development Rights.

<b>Associated Master Plan:</b> Public Spaces Master Plan (PSMP)	<b>Critical Milestones:</b>  <i>Annual review of progress towards achieving goals of PSMP</i>	<b>Advisory Commission:</b> Park and Recreation Commission
<b>Neighborhood(s):</b> VARIOUS	each January	

#### Project Justification

Potential acquisitions are based on the compatibility to a number of program goals and criteria identified in the Public Spaces Master Plan. In addition to the acquisition, the program funds ancillary activities (appraisals, surveys, environmental assessments, demolition, site restoration). The County made six (6) key acquisitions in 2015 and 2016 to acquire infill parcels at Benjamin Banneker Park, Chestnut Hills Park and Lang Street Community Gardens.

#### Changes from Prior CIP

The funding level has been increased from \$2 million to \$3 million per bond cycle.



**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$15,000**

**Funding Schedule (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	3,000	0	3,000	0	3,000	0	3,000	0	3,000	0	15,000
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>15,000</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>15,000</b>

**Notes on Funding Schedule**

*Bonds are typically sold as needed.*

**Projected Additional Operating Costs (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	5	5	5	5	5	5	5	5	5	5	50
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	210	267	508	557	790	831	1,056	1,090	1,307	6,616
<b>Net Operating Cost</b>	<b>5</b>	<b>215</b>	<b>272</b>	<b>513</b>	<b>562</b>	<b>795</b>	<b>836</b>	<b>1,061</b>	<b>1,095</b>	<b>1,312</b>	<b>6,666</b>

**Notes on Operating Costs**

*Operating costs will vary by each individual acquisition site. They typically involve moving and trash removal, as well as other incidental costs. Operating costs are estimated based on the acquisition of one(1) new acre of park land annually.*

**Total New FTEs (#): 0**

# Arlington County, Virginia

## LOCAL PARKS AND RECREATION PROGRAMS: PROGRAM FUNDING SUMMARY

CIP  
2017 – 2026

### 10 YEAR CATEGORY SUMMARY (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Trail Modernization Program	700	550	550	550	550	550	550	550	550	550	5,650
<b>Total Recommendation</b>	<b>700</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>5,650</b>

### CATEGORY FUNDING SOURCES (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	700	550	550	550	550	550	550	550	550	550	5,650
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>700</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>5,650</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Funding Sources</b>	<b>700</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>5,650</b>

# LOCAL PARKS AND RECREATION PROGRAMS

## Trail Modernization

LOCAL PARKS AND RECREATION PROGRAMS  
2017 – 2026 CIP

### Trail Modernization Program

#### Project Description

The Trail Modernization Program is largely focused on replacement and major renovation of the County's 31.5 miles of off-street multi-purpose trails that are approaching the end of their useful life. The program covers project management, design and construction for trail replacement as well as milling and repaving to extend the life of existing trails. During trail replacement, trails will be brought up to standard including appropriate sub base, paving, shoulders, striping, drainage, signage, safety markers, and site furnishings. The program also replaces existing trail lighting with new dark sky lighting and adds new areas of trail lighting as guided by the Public Spaces Master Plan.

<b>Associated Master Plan:</b> Public Spaces Master Plan (PSMP)	<b>Critical Milestones:</b>  <i>Policy recommendations for Public Spaces Master Plan</i> <b>Spring 2017</b>  <i>Updated assessment of trail conditions</i> <b>June 2017</b>	<b>Advisory Commission:</b> Bicycle Advisory Committee, Park and Recreation Commission
<b>Neighborhood(s):</b> VARIOUS		

#### Project Justification

In 2010, an asset study of the existing trail system was completed by the County's consultant, laying the foundation for a Trail Modernization program. Additionally, as part of the Public Spaces Master Plan update, the County just completed a statistically valid citizen survey. On a variety of the questions, multi-use trails consistently were rated the highest priority and need for outdoor facilities. The early years of funding will be used to focus on the County's three primary off-street trails: Four Mile Run, Custis and Bluemont Junction. Since it has been six (6) years since the trail assets were last assessed, initial work for FY2017 will include an analysis of the off-street system to determine the conditions of the 31.5 mile network. Recommendations from the Public Spaces Master Plan (currently being revised) will guide the long term strategies to modernize the trails to current standards and to consider additional trail lighting. Standards are currently being developed that include width and depth of materials for the trails; safety amenities such as gravel shoulders, striping, signage and safety markers; trail lighting; and site amenities such as benches, trash and recycling cans, and drinking fountains with bottle filling stations.

#### Changes from Prior CIP

The Trail Modernization was included in the Parks Maintenance Capital Program and funded at a level of \$1 million (bond) in FY2015 and \$100,000 (PAYG) in FY2016. The FY2015-FY2024 CIP projected a funding level of \$550,000 in PAYG for FY17. Trail lighting was not included in the projects. For FY2016-FY2026, Trail Modernization has been established at a program level. The requested funding level for the program will allow the County to systematically address the need to replace the aging and heavily used off-street trails, extend their useful life, and replace and add lighting where appropriate. Funding is at a program level, with specific trail sections to be determined annually based on assessment of condition needs.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$5,650**

**Notes on Funding Schedule**

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	700	550	550	550	550	550	550	550	550	550	5,650
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>700</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>5,650</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>700</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>5,650</b>

**Notes on Operating Costs**

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	100	103	106	109	113	116	119	123	119	123	1,131
Non-Personnel (\$)	2,500	11	12	12	12	13	13	14	14	14	2,615
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	0	0	0	0
<b>Net Operating Cost</b>	<b>2,600</b>	<b>114</b>	<b>118</b>	<b>121</b>	<b>125</b>	<b>129</b>	<b>132</b>	<b>137</b>	<b>133</b>	<b>137</b>	<b>3,746</b>

**Total New FTEs (#):**

1

1

*Existing lighting has received minimal maintenance from Dominion Va Power and DES to address immediate hazards. With existing lighting to be replaced and new lighting added through the Trail Modernization program, there will be a need for 1FTE and a vehicle on the operating side and an initial capital investment of between \$500,000 and \$700,000 for lighting maintenance and utilities. This is in addition to the program manager on the capital side identified in the CIP. Note the numbers in the box below are for the Capital FTE request.*

# Arlington County, Virginia

## LOCAL PARKS AND RECREATION PROGRAMS: PROGRAM FUNDING SUMMARY

CIP  
2017 – 2026

### 10 YEAR CATEGORY SUMMARY (IN \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Synthetic Turf Program	250	4,250	2,137	5,245	3,400	980	3,822	3,670	1,846	4,128	29,728
<b>Total Recommendation</b>	<b>250</b>	<b>4,250</b>	<b>2,137</b>	<b>5,245</b>	<b>3,400</b>	<b>980</b>	<b>3,822</b>	<b>3,670</b>	<b>1,846</b>	<b>4,128</b>	<b>29,728</b>

### CATEGORY FUNDING SOURCES (IN \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	2,350	0	0	0	0	0	2,350
PAYG	0	2,331	2,137	4,193	1,050	980	3,178	2,259	1,082	3,041	20,251
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	858	0	1,052	0	0	644	1,411	764	1,087	5,816
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>3,189</b>	<b>2,137</b>	<b>5,245</b>	<b>3,400</b>	<b>980</b>	<b>3,822</b>	<b>3,670</b>	<b>1,846</b>	<b>4,128</b>	<b>28,417</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	250	1,061	0	0	0	0	0	0	0	0	1,311
<b>Subtotal Previously Approved Funding</b>	<b>250</b>	<b>1,061</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,311</b>
<b>Total Funding Sources</b>	<b>250</b>	<b>4,250</b>	<b>2,137</b>	<b>5,245</b>	<b>3,400</b>	<b>980</b>	<b>3,822</b>	<b>3,670</b>	<b>1,846</b>	<b>4,128</b>	<b>29,728</b>

# LOCAL PARKS AND RECREATION PROGRAMS

## Synthetic Turf Program

LOCAL PARKS AND RECREATION PROGRAMS  
2017 – 2026 CIP

### Synthetic Turf Program

#### Project Description

The synthetic turf program is largely focused on replacement of existing synthetic turf fields that are approaching the end of their useful life. In 2016, the County has fifteen synthetic turf athletic fields, including the two new synthetic turf fields which came on line in early 2016 at the Williamsburg Middle School/Discovery Elementary School campus. The secondary component of the program is the conversion of existing grass turf to synthetic turf. The CIP includes the possible addition of a new field in 2018 funded through PAYG and funds generated from sports affiliate group fees (Field Fund), as well as the possible addition of three more fields in FY2020, FY 2021 and FY2023 to be funded through PAYG and GO Bonds, and a new field will open at the Rosslyn Highlands + park in 2021. An additional field is also planned beyond the FY2017-FY2026 CIP for Long Bridge Park. DPR is in the process of updating the County’s Public Spaces Master Plan (PSMP) a County Board adopted planning document, which will include guidance on the needed amount of synthetic turf fields and the possible inclusion of a diamond field program.

<p><b>Associated Master Plan:</b> Public Spaces Master Plan (PSMP)</p>	<p><b>Critical Milestones:</b></p> <table> <tr> <td><i>Construction Plans</i></td> <td>90 - 120 days</td> </tr> <tr> <td><i>Permitting and Bidding</i></td> <td>60 - 90 days</td> </tr> <tr> <td><i>Substantial Completion</i></td> <td>120 - 160 days</td> </tr> <tr> <td><i>Ribbon Cutting</i></td> <td>30 - 45 days</td> </tr> </table>	<i>Construction Plans</i>	90 - 120 days	<i>Permitting and Bidding</i>	60 - 90 days	<i>Substantial Completion</i>	120 - 160 days	<i>Ribbon Cutting</i>	30 - 45 days	<p><b>Advisory Commission:</b> Park and Recreation Commission, Sports Commission</p>
<i>Construction Plans</i>	90 - 120 days									
<i>Permitting and Bidding</i>	60 - 90 days									
<i>Substantial Completion</i>	120 - 160 days									
<i>Ribbon Cutting</i>	30 - 45 days									
<p><b>Neighborhood(s):</b> VARIOUS</p>										

#### Project Justification

Synthetic grass has a similar feel, foot movement, ball response, and appearance to natural grass. Since Arlington installed its first synthetic field in 2002, it has proved to be a very effective artificial surface that can sustain significant hours of play all year round, no matter what the weather. Synthetic turf has outstanding field performance, durability, safety for the athletes and is environmentally friendly. Due to the additional playability of synthetic grass fields, the goal is to light all synthetic turf fields so that they are available for evening play, thereby maximizing the investment.

The cost to replace the synthetic turf on an existing turf field includes the cost to remove and recycle the old turf and infill, fine grade and level the base layer of aggregate, install and sew the new turf, cut and install lines not tufted in from the factory, and install the infill. Conversion of existing natural grass to synthetic turf requires excavation and exportation of approximately twelve inches depth of soil across the entire field and installation of the aggregate base layer and underground drainage system, installation and sew the new turf, cut and install lines not tufted in from the factory, and install the infill, lighting, and site amenities including site furnishings, pathways, landscaping and permanent or portable restrooms as needed. The cost for both replacement and conversion also includes design and project management.

Arlington County uses shock-absorbing pads on those synthetic turf fields where football is a dominant sport or where there are limitations on excavation during construction, currently all three (3) high schools as well as the fields at Long Bridge Park. Shock-absorbing pads, located under the synthetic turf surfacing, reduce the GMAX impact levels of falls to a synthetic turf surface and can reduce the number and severity of concussions. There have been recent questions about possible health impacts from the crumb rubber infill used at the County’s synthetic turf fields. DPR and DHS continue to monitor research on crumb rubber and new developments on infill alternatives in order to make wise, conscientious and cost-effective decisions on the choice of turf infill products.

## Changes from Prior CIP

With a total of fifteen synthetic fields in the County inventory, the capital cost schedule anticipates the replacement of approximately two to three fields per year. The three fields that were replaced at the stadiums used by the high schools as well as the three existing fields at Long Bridge Park now include the underlayment pad. Existing fields at Williamsburg and the indoor field at the Gunston Bubble have been added to the inventory. One additional new location (TBD) has been added to the inventory.

## Capital Costs during Ten Year Period (FY 2017 to FY 2026) (in \$1,000s): \$29,728

When possible, DPR seeks to form partnerships to share capital and operating costs such as the recent successes with Marymount and George Washington Universities. Costs are also shared with APS at the shared field facilities at high schools and middle schools. The cost share between the County and other parties is typically based on the amount of shared usage.

### Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	2,350	0	0	0	0	0	2,350
PAYG	0	2,331	2,137	4,193	1,050	980	3,178	2,259	1,082	3,041	20,251
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	858	0	1,052	0	0	644	1,411	764	1,087	5,816
Tax Increment Financing (TIF)	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>3,189</b>	<b>2,137</b>	<b>5,245</b>	<b>3,400</b>	<b>980</b>	<b>3,822</b>	<b>3,670</b>	<b>1,846</b>	<b>4,128</b>	<b>28,417</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	250	1,061	0	0	0	0	0	0	0	0	1,311
<b>Subtotal Previously Approved Funding</b>	<b>250</b>	<b>1,061</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,311</b>
<b>Total Revenues</b>	<b>250</b>	<b>4,250</b>	<b>2,137</b>	<b>5,245</b>	<b>3,400</b>	<b>980</b>	<b>3,822</b>	<b>3,670</b>	<b>1,846</b>	<b>4,128</b>	<b>29,728</b>

### Notes on Funding Schedule

Replacement of fields through the Parks Maintenance Capital Program is funded primarily through PAYG. Other funding includes contributions from Schools for their share of fields co-located at high schools as well as contributions from Marymount, George Washington University and other partnerships. Other previously approved funds are the youth sports affiliate group fees collected annually. New synthetic conversions and new field locations include field lighting and other long term infrastructure and are funded through local parks and recreation bonds.

### Projected Additional Operating Costs (in \$1,000s)

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	42	44	45	46	96	99	153	158	163	168	1,014
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	165	209	233	227	221	1,055
<b>Net Operating Cost</b>	<b>42</b>	<b>44</b>	<b>45</b>	<b>46</b>	<b>96</b>	<b>264</b>	<b>362</b>	<b>391</b>	<b>390</b>	<b>389</b>	<b>2,069</b>

### Notes on Operating Costs

Replacement of existing synthetic turf fields should have minimal impact to operating costs. New conversions and new field locations have an anticipated operating cost impact of \$42,000 annually in FY2017 dollars. The increase in operating costs starting in FY21 is due to new fields coming online between FY20 – FY23.

Total New FTEs (#):

0

**PROJECTED SYNTHETIC FIELD REPLACEMENT SCHEDULE  
CAPITAL COSTS FY 2017 - FY 2026**

SOCCER FIELDS	Year	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
	Installed										
1 Barcroft Park	2013						637,601				
2 Wakefield Stadium	2014							1,288,254			
3 W&L Stadium	2005								1,549,950		
4 Greenbrier Park	2005									1,528,991	
5 TJ Park	2010		870,468								1,102,683
6 Long Bridge #1	2011		1,194,264								1,512,858
7 Long Bridge #3	2011			1,068,326							
8 Long Bridge #4	2011			1,068,326							
9 Gunston Park	2011				1,186,201						
10 Barcroft Park Baseball	2012				1,739,711						
11 Va. Highlands Park	2012					1,050,162					
12 Rocky Run	2014						341,986				
13 Williamsburg #1	2016								1,208,199		
14 Williamsburg #2	2016								911,448		
15 Gunston Bubble	2017	250,000								316,693	
16 Field Location TBD	New		2,185,660								1,512,858
17 Field Location TBD	New				2,318,767						
18 Rosslyn Highlands +/ Wilson School	New				*see note						
19 Field Location TBD	New					2,350,000					
20 Field Location TBD	New							2,533,780			
<b>Total Costs</b>		<b>250,000</b>	<b>4,250,392</b>	<b>2,136,652</b>	<b>5,244,679</b>	<b>3,400,162</b>	<b>979,587</b>	<b>3,822,034</b>	<b>3,669,597</b>	<b>1,845,684</b>	<b>4,128,399</b>

**SOURCES OF FUNDS**

GO Bonds	-	-	-	-	-	2,350,000	-	-	-	-	-
PAYG		2,331,119	2,136,652	4,192,933	1,050,162	979,587	3,177,907	2,258,727	1,081,188	3,041,165	
PAYG Contingency	250,000										
Field Fund		1,061,000		-							
Schools contribution		261,141		355,861	-		644,127	1,410,870	764,496	330,805	
Partnership or other contribution		597,132		695,885						756,429	
<b>Total Sources</b>	<b>250,000</b>	<b>4,250,392</b>	<b>2,136,652</b>	<b>5,244,679</b>	<b>3,400,162</b>	<b>979,587</b>	<b>3,822,034</b>	<b>3,669,597</b>	<b>1,845,684</b>	<b>4,128,399</b>	

\*FY2020 includes funding for Rosslyn Highlands+ (RHP+) in a separate project page. RHP+ includes a new turf field plus other amenities. The RHP+ field will be included in the synthetic turf inventory in the ongoing plan.

Assumes 8 year useful life. Some schedules have been adjusted to even out the funding with an eventual goal of two-three field replacements per year

Cost includes replacement of the carpet, repairs to under drain system, site amenities, repair of adjacent slopes, design, testing./surveying, and construction administration.

High school stadiums must be done in separate years in order to not have two of these heavily used fields out of service at the same time.

Williamsburg MS/ES has two medium fields. They took the place of the one new field location in FY2016

Assumes high school cost share of 50%/County/50%APS and middle school cost share of 70% County/30%. This is a placeholder until analysis of actual use is completed

Location of TBD fields is unknown. For estimating purposes, they are based on 77,000 SF

Long Bridge #2 is in County Board -approved park master plan. Funding for implementation is outside the 10-year CIP

As funding allows this program will consider conversion of additional fields through financial partnerships with Arlington Public Schools, universities and sports organizations.



## COMMUNITY CONSERVATION PROGRAMS

### **Program Description**

This program will improve the quality and appearance of public areas in Arlington's residential areas and neighborhood commercial districts, which are critical in order to achieve the vision of a world class urban community. Not only does the program build much needed infrastructure within neighborhoods, it also builds community along with viable, attractive neighborhood business districts.

### **Program Summary**

The Neighborhood Conservation (NC) program enhances residential areas by providing citizen-initiated public improvements based upon regularly updated neighborhood plans. Projects include street improvements, residential traffic management, park enhancements, street lighting, beautification and landscaping projects.

The Neighborhood Commercial Revitalization program has and continues to support the improvement of neighborhood business districts primarily in the Columbia Pike and Shirlington Road Corridors. Penrose Square was the first and largest of three new squares planned within the Columbia Pike Town Center node. Phase I of the project was completed in November 2012 and included a water feature, hardscape, landscaping, site furnishings, retaining walls and public art. This Phase II portion of the project will further build out the Phase I features and more flexible program space.

The Shirlington Road Special Revitalization District includes the creation of an urban plaza known as the Nauck Town Square. This project will serve as the social and cultural center for the neighborhood and surrounding areas and also demonstrates the County's commitment to the revitalization of this neighborhood's commercial district.

### **Master Plan Impact**

Both the Neighborhood Conservation and Neighborhood Commercial Revitalization projects are identified in Neighborhood Conservation Plans, which are the result of an extensive planning process engaged in by civic associations with the assistance of NC staff. Neighborhood Commercial Revitalization projects relate to and implement recommendations in community plans such as Sector Plans, the Columbia Pike Initiative and other area revitalization plans.

COMMUNITY CONSERVATION: PROGRAM FUNDING SUMMARY

CIP  
2017 – 2026

10 YEAR PROGRAMMED CATEGORY SUMMARY (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Neighborhood Conservation	12,500	12,500	12,500	9,100	6,500	6,500	6,500	6,500	6,500	6,500	85,600
Penrose Square	0	0	0	0	500	0	3,800	0	0	0	4,300
Nauck Town Square	4,850	0	0	0	0	0	0	0	0	0	4,850
Nauck Investment Fund	0	500	0	0	0	0	0	0	0	0	500
<b>Total Recommendation</b>	<b>17,350</b>	<b>13,000</b>	<b>12,500</b>	<b>9,100</b>	<b>7,000</b>	<b>6,500</b>	<b>10,300</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>95,250</b>

PROGRAM FUNDING SOURCES (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	10,850	6,500	6,000	6,000	6,500	6,000	9,800	6,000	6,000	6,000	69,650
PAYG	500	500	500	500	500	500	500	500	500	500	5,000
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>11,350</b>	<b>7,000</b>	<b>6,500</b>	<b>6,500</b>	<b>7,000</b>	<b>6,500</b>	<b>10,300</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>74,650</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	4,000	6,000	6,000	2,600	0	0	0	0	0	0	18,600
Issued but Unspent Bonds	2,000	0	0	0	0	0	0	0	0	0	2,000
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>2,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,600</b>
<b>Total Funding Sources</b>	<b>17,350</b>	<b>13,000</b>	<b>12,500</b>	<b>9,100</b>	<b>7,000</b>	<b>6,500</b>	<b>10,300</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>95,250</b>

### Neighborhood Conservation

#### Project Description

The goal of the Neighborhood Conservation (NC) program is to enhance residential areas by providing citizen-initiated public improvements in a timely manner based upon regularly updated neighborhood plans. The Neighborhood Conservation program funds Street Improvements, Residential Traffic Management, Park Enhancement, Street Lighting, Beautification, and landscaping projects.

#### Advisory Commission:

Neighborhood Conservation Advisory  
Committee (NCAC)

#### Project Justification

Through the NC Program, residents commit to conserving and improving their neighborhoods by preparing and updating Neighborhood Conservation Plans that reflect community needs. Neighborhood Plans also serve as a planning guide for each individual neighborhood. NC Representatives participate in the deliberation of the Neighborhood Conservation Advisory Committee (NCAC), and nominate plan-based improvement projects for funding. All NC projects are identified in NC plans prepared by the Civic Association with assistance provided by NC program staff. As a result of successful collaboration efforts between the NCAC and County staff, the NC program constructed 20 projects in fiscal years 2014-2015. It is recommended that \$200,000 of the recommended bond funding be reserved for the Missing Link Program, which constructs small sections of missing sidewalks.

#### Changes from Prior CIP

Additional staff added for execution of the program. Details below.

## Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$85,600

Estimates reflect program funding levels only; individual project costs vary. Prior to FY16 the Department of Environmental Services (DES) and NC design engineering team has been averaging an execution rate of \$3M/year of street improvement projects. In FY16 the design engineering team was restructured from one team to two smaller teams with two design team supervisors. In addition to two separate dedicated NC engineering teams, one of the engineers will be overseeing projects sent out to consultants for design services. With the newly restructured NC design teams and the use of consultants, engineering staff is expected to execute at least \$4.5M/year of street improvement projects (including streetlight projects) and the Department of Parks and Recreation (DPR)-NC team will continue to deliver \$1.5M/year of park projects. Hence, the NC program spending capacity will be \$6M/year and the existing \$20M is projected to be fully executed by FY19. Projects that will be funded with the new 2016 bond will be constructed in FY20 and FY21.

### Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	60,000
PAYG	500	500	500	500	500	500	500	500	500	500	5,000
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>65,000</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	4,000	6,000	6,000	2,600	0	0	0	0	0	0	18,600
Issued but Unspent Bonds	2,000	0	0	0	0	0	0	0	0	0	2,000
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>	<b>2,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,600</b>
<b>Total Revenues</b>	<b>12,500</b>	<b>12,500</b>	<b>12,500</b>	<b>9,100</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>85,600</b>

### Notes on Funding Schedule

Projects are brought to the County Board as part of a routine "funding round" process, typically held twice per year. It is recommended that \$200,000 per bond cycle be reserved for the Missing Link Program, which constructs small sections of missing sidewalks.

### Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	0	0	0	0
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### Notes on Operating Costs

Minimal operating cost increases are anticipated; most investment addresses streetscape in infrastructure that is low in maintenance. Some projects add street lighting that does incrementally affect utility costs. The new standard for lighting, LED streetlights, significantly offset these incremental costs.

**Total New FTEs (#):**

**0**

## Penrose Square

### Project Description

The project is for implementation of Phase II of the park master plan, which was adopted by the County Board in July 2008. The new public square is part of the County's ongoing effort to revitalize the Columbia Pike corridor. Phase I of the park opened in November 2012 and includes a tree-covered terrace with movable seats and tables, a centrally located paved plaza, a low seating wall, a zero-depth interactive water fountain, mounded lawn areas for casual seating, and public art. Phase II will complete the build out of these features and allow for flexible program space. Upgraded street elements were completed in 2010.

<p><b>Associated Master Plan:</b> Public Spaces Master Plan (PSMP)</p>	<p><b>Critical Milestones:</b></p> <table> <tr> <td><i>Acquire parcel</i></td> <td>2021</td> </tr> <tr> <td><i>Construction drawings</i></td> <td>2022</td> </tr> <tr> <td><i>Construction start</i></td> <td>2023</td> </tr> <tr> <td><i>Ribbon cutting</i></td> <td>2024</td> </tr> </table>	<i>Acquire parcel</i>	2021	<i>Construction drawings</i>	2022	<i>Construction start</i>	2023	<i>Ribbon cutting</i>	2024	<p><b>Advisory Commission:</b> Arlington Commission for the Arts, Park and Recreation Commission</p>
<i>Acquire parcel</i>	2021									
<i>Construction drawings</i>	2022									
<i>Construction start</i>	2023									
<i>Ribbon cutting</i>	2024									
<p><b>Neighborhood(s):</b> VARIOUS</p>										

### Project Justification

Penrose Square is the first and largest of three new squares planned within the Columbia Pike Town Center node. The main elements of the new public square include a tree-covered terrace with movable seats and tables, a centrally located paved plaza, a low seating wall and step feature, a zero-depth interactive water fountain that can be turned off to allow for more flexible use of the plaza, mounded lawn areas that provide for casual seating, retaining walls along Columbia Pike and S. Cleveland Street, and a public art feature that relates to local history and provides visual and acoustical interest. It will be an active pedestrian center and gathering spot.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$4,300**

Estimates for Phase II will be refined as design progresses.

**Funding Schedule (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	500	0	3,800	0	0	0	4,300
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500</b>	<b>0</b>	<b>3,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,300</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500</b>	<b>0</b>	<b>3,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,300</b>

**Notes on Funding Schedule**

*It is anticipated that the land acquisition necessary for Phase II will be dedicated in fee from the developer per the Columbia Pike form based code. If additional funds are needed for the acquisition, they will come from the parks land acquisition program.*

**Projected Additional Operating Costs (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	133	137	141	411
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	35	45	316	387	424	1,207
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>45</b>	<b>449</b>	<b>524</b>	<b>565</b>	<b>1,618</b>

**Notes on Operating Costs**

*Operating costs include utilities, trash pickup, mowing, landscaping, fountain maintenance and general maintenance. Costs do not include special event support.*

**Total New FTEs (#): 0**

## Penrose Square

### Associated Costs and Funding Sources (\$ in 000s)

#### Project/Phase

##### *Phase I*

Design \$ 485

Construction \$2,511

Environmental Remediation \$ 60

Subtotal Phase I \$3,056

##### *Phase II*

Design \$ 478

Land Acquisition \$1,600

Construction and environmental \$3,800

Subtotal Phase II \$5,778

**Total Penrose Square Costs \$8,834**

#### Funding Sources

PAYG \$2,356

Developer Contribution \$1,600

2004 Community Conservation Bond \$ 600

2014 Community Conservation Bond \$ 478

2016 Community Conservation Bond \$3,800

**Total Funding Sources \$8,834**

# COMMUNITY CONSERVATION

## NAUCK TOWN SQUARE

COMMUNITY  
CONSERVATION  
2017 – 2026 CIP

### Nauck Town Square

#### Project Description

The Nauck Town Square will be a 31,000 sq. ft. urban plaza that will feature public art, the history of the neighborhood, and other ornamental elements while serving as the social and cultural center for the neighborhood. The space will be versatile in its design in order to host a wide range of activities from passive recreation to outdoor concerts and community events.

<b>Associated Master Plan:</b> Nauck Village Center Action Plan:	<b>Critical Milestones:</b>  <i>Final Parcel Acquisition</i> <span style="float: right;">CY 2016</span> <i>Design/ Construction Drawings</i> <span style="float: right;">CY 2016</span> <i>Construction</i> <span style="float: right;">CY 2017 - 2018</span>	<b>Advisory Commission:</b> Arlington Commission for the Arts/ Public Art Committee, Park and Recreation Commission, Planning Commission
<b>Neighborhood(s):</b> Nauck		

#### Project Justification

The Nauck community and Arlington County worked together for several years to develop a plan for the revitalization of Shirlington Road. The Nauck Village Center Action Plan (NVCAP)- Shirlington Road Special Revitalization District was the result of these efforts and was formally adopted by the County Board in July 2004. This plan identified the Nauck Town Square as the anchor project for the Shirlington Road Special Revitalization District and the catalyst for redevelopment. This urban plaza will provide the focal point for civic and cultural activities while supporting the pedestrian oriented mixed use environment called for in the NVCAP. This project demonstrates the County's commitment to the revitalization of neighborhood commercial districts and small business development.

#### Changes from Prior CIP

Construction accelerated from FY19-FY20.



**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$4,850**

Funding was previously allocated for the acquisition of the final parcel and the design charrettes. This CIP accelerates the undergrounding of the utilities around the perimeter of the area and construction of the town square.

**Notes on Funding Schedule**

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	4,850	0	0	0	0	0	0	0	0	0	4,850
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>4,850</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,850</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>4,850</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,850</b>

**Notes on Operating Costs**

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	112	115	119	122	126	130	134	138	142	1,138
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	340	432	481	469	456	443	431	418	405	3,875
<b>Net Operating Cost</b>	<b>0</b>	<b>452</b>	<b>547</b>	<b>600</b>	<b>591</b>	<b>582</b>	<b>573</b>	<b>565</b>	<b>556</b>	<b>547</b>	<b>5,013</b>

*Operational cost could increase/decrease depending on the final design adopted for this project.*

**Total New FTEs (#): 0**

# COMMUNITY CONSERVATION

## NAUCK INVESTMENT FUND

COMMUNITY  
CONSERVATION  
2017 – 2026 CIP

### Nauck Infrastructure Fund

#### Project Description

The purpose of this Fund is to assist in offsetting the costs associated with making public improvements designed to benefit the community as outlined in the Nauck Village Center Action Plan (NVCAP). These improvements include streetscapes, utility undergrounding, lighting, landscaping, transportation improvements, shared parking, and other approved planning or design assistance. This assistance may be provided to qualifying projects as part of an approved Site Plan or Special Exception Use Permit. Applications for these funds will be reviewed by County Staff on a case by case basis and are designed only to provide a form of "gap financing". The applicant must demonstrate how the project will remain "revenue neutral" or achieve other public benefit if assistance is provided.

<b>Associated Master Plan:</b> Nauck Village Center Action Plan:	<b>Advisory Commission:</b> Planning Commission
<b>Neighborhood(s):</b> Nauck	

#### Project Justification

This Fund was identified in the NVCAP as a critical incentive to encourage the redevelopment of the Nauck Village Center. It is designed to leverage other public and private sector funding for projects in the Nauck Village Center.

#### Changes from Prior CIP

Funding has been pushed back from FY 2015 to FY 2017.

## Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$500

Funds are designed to provide assistance to qualifying projects for public infrastructure improvements as outlined in the NVCAP. The fund will leverage other sources of public and private sector funding and are not based on one particular type of infrastructure improvement.

### Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	500	0	0	0	0	0	0	0	0	500
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500</b>

### Notes on Funding Schedule

Developer Contributions are TBD per the terms and conditions identified through the Special Exception process. Nauck Infrastructure Funds (NIF) will be available on a per project basis to eligible projects that comply with the Nauck Village Center Action Plan (NVCAP) and demonstrate their need per the requirements of the Fund.

### Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	35	45	50	48	47	46	44	43	358
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>45</b>	<b>50</b>	<b>48</b>	<b>47</b>	<b>46</b>	<b>44</b>	<b>43</b>	<b>358</b>

### Notes on Operating Costs

Operating cost impacts will be determined by specifics of the selected projects.

**Total New FTEs (#):**

**0**

# ECONOMIC DEVELOPMENT

## PUBLIC ART PROGRAM

ECONOMIC  
DEVELOPMENT  
2017 – 2026 CIP

10 Year Capital Program Funding Sources Summary (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	0	0	0
PAYG	50	50	150	150	150	150	150	150	150	150	1,300
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>50</b>	<b>50</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>1,300</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	200	100	0	0	0	0	0	200	0	0	500
<b>Subtotal Previously Approved Funding</b>	<b>200</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>500</b>
<b>Total Funding Sources</b>	<b>250</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>350</b>	<b>150</b>	<b>150</b>	<b>1,800</b>

**Public Art - Civic Facilities**

**Project Description**

This category of projects will ensure that public art remains a leading part of civic design. Integrating art with the architectural, landscape and infrastructure design of capital projects, allowing for creative collaborations and strong aesthetic outcomes will encourage excellence in the design of buildings, parks, streets and infrastructure.

<p><b>Associated Master Plan:</b> Public Art Master Plan (PAMP)</p>	<p><b>Advisory Commission:</b> Arlington Commission for the Arts</p>
<p><b>Neighborhood(s):</b> VARIOUS</p>	

**Project Justification**

The Public Art Master Plan, adopted by the County Board in 2004, "establishes a long-term vision for the Public Art Program, policies, and priorities that guide the actions of the program, and a list of potential art projects derived from a review of capital plans, community plans, and expected private development." Public art should be something integrated with nearly every facet of public & private development in Arlington. The Public Art Master Plan suggested that a minimum of \$50,000 is necessary to create an art project with the appropriate level of impact and recommended that a half-percent to two-percent of the overall budget be considered for capital projects. This particular category of projects highlights Civic Facilities that will require a public art component (for example: Four Mile Run Near Stream Improvements and Nauck Town Square). The attached spreadsheet shows current and future projects with public art components.

**Changes from Prior CIP**

Inclusion of on-going PAYG funding for continued capital maintenance of Arlington's public art works.

**Capital Costs during Ten Year Period (FY 2017 to FY 2026)** (in \$1,000s): \$1,800

Proposed funding for each year accounts to accommodate additional planning, collaborative work for other civic projects, and providing artists on design teams - all to leverage work with other County projects (\$50,000 per year). The proposed funding also includes \$100,000 per year to cover ongoing maintenance of the existing and expanding Public Art collection.

Funding Schedule (in \$1,000s)

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	0	0	0
PAYG	50	50	150	150	150	150	150	150	150	150	1,300
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>50</b>	<b>50</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>1,300</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	200	100	0	0	0	0	0	200	0	0	500
<b>Subtotal Previously Approved Funding</b>	<b>200</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>500</b>
<b>Total Revenues</b>	<b>250</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>350</b>	<b>150</b>	<b>150</b>	<b>1,800</b>

**Notes on Funding Schedule**

*FY17 and FY18 include \$100,000 each from previously approved PAYG funds for maintenance of the collection. To ensure the physical quality of the collection remains high, this amount will need to be continued in subsequent years. The other previously approved funds are from the Trust And Agency Funds which are exclusively developer or other private contributions. Additional funding will be from other sources, such as other through grants, Business Improvement Districts (BIDs) and federal and state funding. The additional funding, via PAYG, allows for the program to leverage and enhance projects if and when appropriate.*

Projected Additional Operating Costs (in \$1,000s)

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	0	0	0	0
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Notes on Operating Costs**

**Total New FTEs (#): 0**

## Public Art – Civic Facilities

PROJECT NAME	SITE	FUNDING SOURCES				TOTAL BUDGET		NOTES
		T&A	PAYG	BOND	Other			
Oakland Park (earmark)		\$50,000		\$795,000		\$845,000	DPR	Bond \$ is DPR funding for park improvements.
Courthouse 2.0 (earmark)	Future CHS	\$527,526				\$527,526	CPHD / DPR	
Ballston/VA Square (earmark)	Ballston Metro Canopy / Ballston Pedestrian Bridge	\$445,516			TBD	\$445,516	Ballston BID / Forest City	Other monies will be BID & developer funding
Corridor of Light - Phase I (Unrestricted & Rosslyn earmarks)	N. Lynn St.	\$988,461			\$10,110,575	\$11,099,036	DES DOT	Other funding is developer funding for Esplanade improvements
Long Bridge Park or Collection Maintenance (earmark)	Long Bridge Park or TBD		\$200,000			\$200,000	DPR	Public Art PayG balance
DIRT Studio/ 4MR Restoration Demonstration Project	Four Mile Run	\$66,549			\$4,000,000	\$4,066,549	DES / DPR	Does not include \$20,000 NEA Grant / \$30,000 previous T&A expended. Other funding is overall demonstration project funding.
Pentagon City / Crystal City / Potomac Yard (earmark)		\$232,968				\$232,968		Project(s) TBD
Nauck Town Square (earmark)	Nauck Town Square	\$150,000		\$4,850,000	\$75,000	\$5,075,000	CPHD / DPR	Other is NEA Grant; Bond money is funding for Town Square creation.
Donald Lipski/Western Gateway - Columbia Pike	Columbia Pike & S. Jefferson St.			\$163,000	\$2,220,000	\$2,383,000	DES DOT	FY05 Parks Bond remainder / Other is DES DOT CIP
East Falls Church (earmark)		\$75,000				\$75,000		Project TBD
Portable Works	Various County facilities		\$46,320			\$46,320	DES Facilities / DHS	Remaining balance from previous PAYG
	<b>TOTALS</b>	<b>\$2,536,020</b>	<b>\$246,320</b>	<b>\$5,808,000</b>	<b>\$16,405,575</b>	<b>\$24,995,915</b>		

## PUBLIC / GOVERNMENT FACILITIES PROGRAMS

### **Program Description**

This program provides facilities for both existing and evolving services and programs. It encompasses both significant modernization and planned replacement of facilities, based upon facility life cycles and changing program demands and services. It serves to provide a consistent, sustainable inventory of quality public facilities through systematic investment. The program is carefully integrated with the Facilities Maintenance Capital program by planning for adequate maintenance of facilities through their life cycle, periodic renovation, and eventual replacement of obsolete facilities at the appropriate points in the life cycle.

This CIP continues investment in the Critical Systems Infrastructure program (CSI). CSI is focused on the 24/7/365 maintenance of backup generators, cooling systems, Uninterruptible Power Supplies, Automatic Transfer Switches and associated monitoring equipment in support of public safety systems and technology.

The CIP continues our investment in Facility Finishes, Furnishings, and Equipment (FF&E) as a separate line item within the Facilities Maintenance Program. This ongoing investment in FF&E acknowledges that interior spaces need more than periodic paint and carpet over the buildings life cycle. The planning also includes replacement of freestanding furnishings, systems furniture, and appliances; all of which should integrate in a comprehensive interior design and building refresh.

### **Program Summary**

The largest investment over the ten year period will be in the Facilities Maintenance Capital program, where the funds allocated will truly place "maintaining what we have" as a top priority. The most significant stand-alone investments in the program include replacement of Lubber Run Community Center (LRCC) and Fire Station #8. The new LRCC will include consolidation of parks staff, a gym, outdoor amenities and underground parking. Construction completion is expected in FY 2020. Fire Station 8 has funds included in the 2016 referenda for design and additional funds for construction in the outyears.

### **Master Plan Impact**

The public facilities projects included in the CIP reflect strong linkages to master and other development plans that drive facility planning and acquisitions. Facility planning and design for the projects included in this CIP strive to reflect the guidance provided in the Community Facilities Study such as community participation and building up.



10 YEAR PROGRAMMED CATEGORY SUMMARY (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Facilities	18,591	57,875	40,865	49,480	15,490	18,700	12,550	15,980	29,590	15,830	275,031
Energy Efficiency	389	790	650	580	670	710	760	800	850	900	7,099
<b>Total Recommendation</b>	<b>18,980</b>	<b>58,665</b>	<b>41,515</b>	<b>50,060</b>	<b>16,160</b>	<b>19,410</b>	<b>13,310</b>	<b>16,780</b>	<b>30,440</b>	<b>16,730</b>	<b>282,130</b>

PROGRAM FUNDING SOURCES (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	500	1,000	13,400	0	0	0	0	0	0	14,900
New Bond Issue	12,740	49,090	34,620	31,550	11,000	13,500	7,500	10,680	23,720	9,310	203,710
PAYG	2,556	4,400	3,420	4,110	4,160	4,910	5,310	5,600	6,220	6,920	47,606
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	939	2,475	2,475	1,000	1,000	1,000	500	500	500	500	10,889
<b>Subtotal New Funding</b>	<b>16,235</b>	<b>56,465</b>	<b>41,515</b>	<b>50,060</b>	<b>16,160</b>	<b>19,410</b>	<b>13,310</b>	<b>16,780</b>	<b>30,440</b>	<b>16,730</b>	<b>277,105</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	1,605	2,200	0	0	0	0	0	0	0	0	3,805
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	1,220	0	0	0	0	0	0	0	0	0	1,220
<b>Subtotal Previously Approved Funding</b>	<b>2,825</b>	<b>2,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,025</b>
<b>Total Funding Sources</b>	<b>18,980</b>	<b>58,665</b>	<b>41,515</b>	<b>50,060</b>	<b>16,160</b>	<b>19,410</b>	<b>13,310</b>	<b>16,780</b>	<b>30,440</b>	<b>16,730</b>	<b>282,130</b>

10 YEAR CATEGORY SUMMARY (IN \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Public Facilities Maintenance Program	7,192	5,800	6,040	6,320	6,620	8,470	8,870	10,320	10,820	11,400	81,852
Facility Finishes and Furnishings	564	450	430	470	510	560	610	670	730	790	5,784
Facility Master Planning & Feasibility Studies	180	800	270	270	280	290	300	310	320	330	3,350
ADA Remediation	1,040	450	0	440	0	290	0	0	0	0	2,220
Ballston Public Parking Garage Floors 1 - 7	550	2,475	2,475	1,000	1,000	1,000	500	500	500	500	10,500
Barcroft Gymnastics Expansion	3,540	0	0	0	0	0	0	0	0	0	3,540
Central Library Planning	0	0	0	0	0	0	2,000	0	0	0	2,000
Columbia Pike Library Replacement	0	0	0	0	0	0	0	0	0	2,810	2,810
County Childcare	250	1,350	0	0	0	0	0	0	0	0	1,600
Courthouse Complex Renovations & Infrastructure	2,250	4,000	2,000	0	0	0	0	4,180	0	0	12,430
Critical Systems Infrastructure	300	1,140	30	30	80	90	270	0	0	0	1,940
Fire Station #8	0	1,120	6,610	7,390	0	0	0	0	0	0	15,120
Fire Station Replacements and Additions	0	500	1,000	13,400	0	0	0	0	17,220	0	32,120
Government Facilities Planning & Construction	0	34,500	0	0	7,000	8,000	0	0	0	0	49,500
Lease Program	0	0	0	0	0	0	0	0	0	0	0

Lubber Run Community Center-Replacement	2,600	3,090	22,010	20,160	0	0	0	0	0	0	47,860
North Side Salt Facility	205	2,200	0	0	0	0	0	0	0	0	2,405
<b>Total Recommendation</b>	<b>18,671</b>	<b>57,875</b>	<b>40,865</b>	<b>49,480</b>	<b>15,490</b>	<b>18,700</b>	<b>12,550</b>	<b>15,980</b>	<b>29,590</b>	<b>15,830</b>	<b>275,031</b>

CATEGORY FUNDING SOURCES (IN \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	500	1,000	13,400	0	0	0	0	0	0	14,900
New Bond Issue	12,740	49,090	34,620	31,550	11,000	13,500	7,500	10,680	23,720	9,310	203,710
PAYG	2,556	3,610	2,770	3,530	3,490	4,200	4,550	4,800	5,370	6,020	40,896
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	550	2,475	2,475	1,000	1,000	1,000	500	500	500	500	10,500
<b>Subtotal New Funding</b>	<b>15,846</b>	<b>55,675</b>	<b>40,865</b>	<b>49,480</b>	<b>15,490</b>	<b>18,700</b>	<b>12,550</b>	<b>15,980</b>	<b>29,590</b>	<b>15,830</b>	<b>270,006</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	1,605	2,200	0	0	0	0	0	0	0	0	3,805
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	1,220	0	0	0	0	0	0	0	0	0	1,220
<b>Subtotal Previously Approved Funding</b>	<b>2,825</b>	<b>2,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,025</b>
<b>Total Funding Sources</b>	<b>18,671</b>	<b>57,875</b>	<b>40,865</b>	<b>49,480</b>	<b>15,490</b>	<b>18,700</b>	<b>12,550</b>	<b>15,980</b>	<b>29,590</b>	<b>15,830</b>	<b>275,031</b>

## **Public Facilities Maintenance Program**

### **Project Description**

The program maintains facility components over the life cycle of the facility. During the life cycle of a typical facility, the roofs, mechanical, electrical, and other systems and interior / exterior finishes require replacement and renewal. This is necessary to maintain them in good working order for safety reasons, to maintain a quality appearance and environment, and to meet current code requirements including accessibility improvements. Projects do not substantially alter the characteristics or enlarge the footprint of a facility, but extends the useful life, and may include improvements to safety systems and energy performance. Our facility renewal strategy combines several philosophies for consideration of implementation. First, we attempt to model and predict system failures to time reinvestment at the appropriate moment, before failure, at the most economically favorable time. Second, we "bundle" items coming due to enable efficiency of contract effort, to minimize impact to users of the space, and to yield an overall positive result and appearance. An example would be an interior renovation where we carpet, repaint, replace lights and ceilings all at one time. Bundling requires prudent judgement as some items may be deferred and other items may be accelerated slightly. Some items may be deferred if they are stand alone and can be delayed with low risk. Exhaust fans not required for safety fall into this category. Another example, is a roof that remains in good condition and after inspection can be deferred.

### **Project Justification**

Regular maintenance of facility components is required to both prolong the useful life of facilities and maintain them in quality for County employees and citizens. The initial two years of projects identified for the program reflect the concepts recommended by the County Board appointed CIP Working Group. This group recommended a gradual reduction of the maintenance backlog (catch-up) and appropriate ongoing reinvestment to keep maintenance projects at a manageable level (keep-up). We track the overall health of the program by conducting periodic condition assessments. The last condition assessment was conducted on 93 facilities in 2013. The condition assessments provide a foundation for effective decision making and budgeting. The assessments identified \$2 - \$15 million of costs each year, based on the consultant's useful estimation of average useful life. The latest assessment prioritized projects based upon current urgency, safety issues, anticipated failure, and potential collateral damage. The assessments include cost data based on typical replacement costs for like components in the region, and thus form the initial foundation and baseline for budget requests. The funding amounts reflected are the net result of considering bundling, underutilized spaces, anticipated replacement, appropriate deferrals and other stand-alone projects. In making specific project recommendations, staff uses prioritization methodologies which consider many factors, including conditions highlighted in the assessments. The prioritization methodologies were previously endorsed by the County Board.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$81,852**

***Notes on Funding Schedule***

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	5,600	4,000	4,000	4,000	4,000	5,500	5,500	6,500	6,500	6,500	52,100
PAYG	1,592	1,800	2,040	2,320	2,620	2,970	3,370	3,820	4,320	4,900	29,752
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>7,192</b>	<b>5,800</b>	<b>6,040</b>	<b>6,320</b>	<b>6,620</b>	<b>8,470</b>	<b>8,870</b>	<b>10,320</b>	<b>10,820</b>	<b>11,400</b>	<b>81,852</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>7,192</b>	<b>5,800</b>	<b>6,040</b>	<b>6,320</b>	<b>6,620</b>	<b>8,470</b>	<b>8,870</b>	<b>10,320</b>	<b>10,820</b>	<b>11,400</b>	<b>81,852</b>

***Notes on Operating Costs***

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	392	778	1,192	1,574	1,946	2,412	2,897	3,456	4,020	18,667
<b>Net Operating Cost</b>	<b>0</b>	<b>392</b>	<b>778</b>	<b>1,192</b>	<b>1,574</b>	<b>1,946</b>	<b>2,412</b>	<b>2,897</b>	<b>3,456</b>	<b>4,020</b>	<b>18,667</b>

**Total New FTEs (#): 0**

## Facilities Maintenance Capital Project Lists FY 2017 - FY 2018

FY	Project Name - Description		PAYG (P) Bond (B)	Total Project Cost \$7,192,000
17	<b>Justice Center (JC17)</b> - Main Sewer Line Replacement	<i>FMB Scope:</i> CCTV investigative study; Reline the main sewer line	\$914,000 P	\$ 914,000
17	<b>Westover Branch Library (WL17)</b> - Envelope Repairs and Window Replacement	<i>FMB Scope:</i> Repair water leaks coming from the exterior wall system at various locations at the Library; Install partition to perform this work while the library is in use.	\$678,000 P	\$ 678,000
17	<b>Central Library (CL17)</b> - Replace Boilers and Complete HVAC Work	<i>FMB Scope:</i> Replacement of three existing boilers with two high efficiency boilers to optimize performance and generate savings. Installation of heat exchanger; replacement of HW heater and chilled water pumps.	\$1,200,000 B	\$ 1,200,000
17	<b>Woodmont Center (WC17)</b> - Roof Replacement	<i>FMB Scope:</i> Total roof replacement.	\$874,000 B	\$ 874,000
17	<b>ACDF- Sheriff's Department Network Closet (SD17)</b>	<i>FMB Scope:</i> Total IT closet replacement; build new IT closet in the 3rd floor of the Detention Center in the unfinished area with redundant A/C systems and Fire protection. Core drill each floor and add six 4" conduits. Relocate existing cabling from the ACDF Ground floor to new location.	\$662,000 B	\$ 662,000
17	<b>ACDF (DF17)</b> - Refresh Project Phase I	<i>FMB Scope:</i> Replace sally port doors, interior doors, hardware, and locks-current system is obsolete; repair showers, laundry rooms, and janitor closets with epoxy flooring on all floors; <i>FF&amp;E Scope:</i> Complete interior painting	\$1,606,000 B	\$ 1,606,000
17	<b>Court Square West</b> - Elevator Modernization	<i>FMB Scope:</i> Elevators are obsolete and are in constant need of repairs. In addition due to the age of the elevators parts are no longer available.	\$700,000 B	\$ 700,000
17	<b>Arlington County Detention Facility (ACDF)</b> - Central Control/Command Center Refresh	<i>FF&amp;E Scope:</i> Central Control and Fire Control: replace flooring; replace acoustical ceiling tile system; replace pass-through drawers; paint interior; secure IT cabling; add 3rd station for emergency back-up; lighting replacement; Medical Unit: replace flooring; full scope TBD *Companion project with FF&E FY18 PAYG request millwork and furniture	\$558,000 B	\$ 558,000
		<b>FY 2017 Total</b>	<b>\$7,192,000</b>	<b>\$ 7,192,000</b>

## Facilities Maintenance Capital Project Lists FY 2017 - FY 2018

FY	Project Name - Description		PAYG (P) Bond (B)	Total Project Cost \$7,192,000
18	<b>Shirlington Library/Signature Theater/Trades Center NOC- BAS Replacement</b>	<i>FMB Scope:</i> Replace obsolete building automation system (BAS) with new <i>Justification:</i> Due to advanced technology the system is obsolete. This is a companion project To Energy's FY17 PAYG Shirlington Library RetroComm project request.	\$250,000 P	\$ 250,000
18	<b>Solid Waste/Traffic Engineering &amp; Operations Building- Bundled Refresh Project Design &amp; Construction</b>	<i>FMB Scope:</i> Total roof replacement; HVAC replacement; install building automation system (BAS); Exterior work- loading dock concrete repairs. <i>FF&amp;E Scope:</i> Relocation of staff; replace acoustical ceiling tile system; paint interior; replace flooring; kitchen counters and cabinets; complete refresh of 3 bathrooms and showers; replace interior lighting * Design/Relocation of Staff- PAYG; Construction- Bond	\$1,050,000 P \$3,594,000 B	\$ 4,644,000
18	<b>Water, Sewer, Streets Maintenance/Warehouse Building</b>	<i>FMB Scope:</i> Replace roof, emergency generator roll-up connection; HVAC system replacement; point brick wall- first floor; <i>FF&amp;E Scope:</i> Complete refresh of uni-sex bathroom and replace kitchenette cabinetry, sink, and countertops	\$52,000 P \$406,000 B	\$ 458,000
18	<b>Facility Condition Assessments</b>	Condition assessments of 90+ County facilities; database; historical data	\$ 448,000	\$ 448,000
		<b>FY 2018 Total</b>	<b>\$ 5,800,000</b>	<b>\$ 5,800,000</b>

## **Facility Finishes and Furnishings**

### **Project Description**

This program provides for the scheduled and coordinated re-investment in existing small facilities interior/exterior finishes and furnishings. Renovations of very large facilities will be approved as separate projects given the total level of investment. In 2013, the Facilities Management Bureau (FMB) facility condition assessments of 93 County facilities (including shared spaces with Arlington Public Schools and Arlington Economic Development) have been expanded to include inventory of fixtures, furniture, and equipment (FF&E). The assessments provide a foundation for effective decision making and budgeting. The assessments include cost data based on typical replacement costs for like components in the region, and thus form the initial foundation for budget requests, which are then tempered by judgment, including anticipated building replacement, stand-alone alteration and renovation projects, and occasional changes in use. In making specific project recommendations, staff uses prioritization methodologies which consider many factors including conditions highlighted in the assessments and we "bundle" items coming due with FMB to enable efficiency of contract effort, to minimize impact to the users of the space, and to yield an overall positive result and appearance.

### **Project Justification**

Systematic, scheduled, and coordinated re-investment in existing facilities interior/exterior finishes and furnishings is required to keep facilities current and provide a pleasing and safe environment for occupants and users. The program will address the aging finishes at various facilities that have worn and torn flooring, very old wall finishes, worn-out systems furniture and original ceiling systems. In the current building inventory mix, there is a significant quality and appearance disparity between newer buildings and existing buildings that have many remaining years of useful life. The goal is to bring greater parity in quality between facilities regardless of their original date of construction. This category of work is a direct outgrowth of discussions with the County Board appointed CIP working group, which highlighted the need for an integrated approach to interior finishes to achieve maximum effect for investment, vs a piecemeal approach with different components upgraded at different times, which never give a facility a "new" look and feel.



**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$5,784**

The cost per sf will vary depending on the facility and the type of work being done (ie. flooring, walling coverings, furniture, etc.)

***Notes on Funding Schedule***

**Funding Schedule (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	0	0	0
PAYG	564	450	430	470	510	560	610	670	730	790	5,784
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>564</b>	<b>450</b>	<b>430</b>	<b>470</b>	<b>510</b>	<b>560</b>	<b>610</b>	<b>670</b>	<b>730</b>	<b>790</b>	<b>5,784</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>564</b>	<b>450</b>	<b>430</b>	<b>470</b>	<b>510</b>	<b>560</b>	<b>610</b>	<b>670</b>	<b>730</b>	<b>790</b>	<b>5,784</b>

***Notes on Operating Costs***

**Projected Additional Operating Costs (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	0	0	0	0
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Total New FTEs (#): 0**

## Fixtures, Furnishings and Equipment (FF&E) Maintenance Capital Project List FY 2017 - FY 2018

FY	Project Name - Description		Total Project Cost
17	Courts Police Building	Replace chairs for the Police Department- includes: 51 task chairs; 100 side chairs; and bench seating for 3 waiting areas.	\$ 88,000
17	Residential Program Center	Replace reception desk instead of repair- additional funding for FY16 approved	\$ 23,000
17	Gables (Independence House)- New Construction	Furnish 14 apartments, common area, dining area, offices, conference room, storage areas, and terrace (This project is also requested in the FY15 Closeout)	\$ 384,000
		<b>FY 2017 Total</b>	<b>\$ 495,000</b>
18	Arlington County Detention Facility (ACDF)	Replace all broken and unsafe counters and cabinets in the Medical Unit and Central Control Desk that is no longer functioning. *This is a companion/bundled project with FMB's FY17 ACDF interior refresh project request.	\$ 300,000
18	Chair Replacement	Systematic annual County chair replacement program to upgrade task and guest chairs throughout County facilities. Chairs will be replaced with the County standard allowing approximately 100 chairs per year.	\$ 76,000
18	Columbia Pike Library	Replace circulation desk and select furniture in the public area.	\$ 74,000
18	Argus House	Replace lounge seating throughout. This only includes the common areas.	\$ 41,500
		<b>FY 2018 Total</b>	<b>\$ 491,500</b>

## **Facility Master Planning & Feasibility Studies**

### **Project Description**

Facility master planning provides an integrated approach that addresses short, intermediate, and long-term needs for County facilities. Planning proceeds in phases, and balances short-term deficiencies with long range objectives for space management and efficiencies, often with emphasis on a particular site, or a certain subgroup of facilities. The outcome is an evolving, flexible project list that is capable of taking advantage of new opportunities, while simultaneously working to resolve known deficiencies, all at a funding level and timing consistent with debt capacity and future years funding allocations. Periodic reevaluation and updating of space deficiencies will help to provide a relevant baseline context for site-specific decisions and strategies. Feasibility studies will allow an integrated approach to proper scoping and project feasibility for Board, departmental, and community initiated projects. The studies will address new projects that are initiated by various groups to determine the best use of the current facility or property during its estimated life. The studies will also evaluate proposed timelines for future CIP projects in conjunction with the project.

### **Project Justification**

A phased approach to facility master planning will provide timely and relevant analysis for "big" facility decisions including acquisition, redevelopment, renovation or disposition of County facilities. The feasibility studies will provide timely and relevant analysis for small project decisions within facilities in relation to larger CIP planning initiatives. (In some cases, planning dollars are included in individual project budgets.) Additional planning processes will be required as the projects in the middle to late years of the CIP move along in project development; additionally, broader County-wide initiatives and planning processes (such as sector plan updates) could require this type of analysis. This funding allocation also includes funding for external support in project cost estimation in advance of future CIPs. Items currently planned for study over the next few years include County Childcare Center options; a geotechnical survey for Courthouse Square, and Courthouse Plaza planning. Additionally, master planning funding will also be needed to address the possibility that the County could be acquiring additional land via the Buck property acquisition, the Virginia Hospital Center Carlin Spring site, and/or the Navy Annex. Finally, in the mid to latter years of the CIP, planning funds could be used for analysis of the Aurora Hills Complex and for various sector plan implementation and updates.

### **Changes from Prior CIP**

Reflects project and plan updates from the last CIP.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$3,270**

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	0	0	0
PAYG	0	800	270	270	280	290	300	310	320	330	3,170
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>800</b>	<b>270</b>	<b>270</b>	<b>280</b>	<b>290</b>	<b>300</b>	<b>310</b>	<b>320</b>	<b>330</b>	<b>3,170</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	180	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>180</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>180</b>
<b>Total Revenues</b>	<b>180</b>	<b>800</b>	<b>270</b>	<b>270</b>	<b>280</b>	<b>290</b>	<b>300</b>	<b>310</b>	<b>320</b>	<b>330</b>	<b>3,350</b>

**Notes on Funding Schedule**

Funding for the County Childcare study (FY 2017) is included on that specific project page.

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	0	0	0	0
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Notes on Operating Costs**

**Total New FTEs (#): 0**

## ADA Remediation

### Project Description

In FY13, the County completed a comprehensive assessment of 54 facilities to determine any deficiencies in access for persons with physical disabilities in it. To determine the extent of any deficiencies in meeting the Code of Federal Regulations Title II requirements to provide access to public programs and facilities, the County will engage an architect-engineer as needed to develop facility-specific design solutions, to be followed by use of an on-call job order construction contractor to remedy the deficiencies. New construction projects include funding for ADA compliant design and features within their individual project budgets; this program is to remediate existing facilities. The first tier of priorities gathered from the report are Walter Reed Community Center, Fairlington Community Center, Cultural Affairs(3700 Four Mile Run Drive) and Shirlington Library. Shirlington Transit Station is the first facility in the second tier of priorities. Construction phases at both Walter Reed and Fairlington Community Centers have been completed and design/construction at Cultural Affairs is ongoing.

#### Critical Milestones:

<i>Cultural Affairs Design</i>	<b>Summer 2015</b>
<i>Cultural Affairs Construction Completion</i>	<b>Spring/Summer 2016</b>
<i>Shirlington Library Design</i>	<b>Winter 2016</b>
<i>Shirlington Library Construction Completion</i>	<b>Winter2016</b>
<i>Shirlington Station Design</i>	<b>Winter 2016</b>
<i>Shirlington Station Construction Completion</i>	<b>Winter 2016</b>

### Project Justification

This project is to ensure that all County facilities are compliant with CFR Title II regulations, and to provide full access to County programs and facilities.

### Changes from Prior CIP

Construction phases at both Walter Reed and Fairlington Community Centers have been completed and design/construction at Cultural Affairs is ongoing.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$2,220**

Costs will vary by facility for tasks such as: interior/exterior ramps; restroom renovations, parking spaces, etc.

**Funding Schedule (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	0	0	0
PAYG	0	450	0	440	0	290	0	0	0	0	1,180
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>450</b>	<b>0</b>	<b>440</b>	<b>0</b>	<b>290</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,180</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	1,040	0	0	0	0	0	0	0	0	0	1,040
<b>Subtotal Previously Approved Funding</b>	<b>1,040</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,040</b>
<b>Total Revenues</b>	<b>1,040</b>	<b>450</b>	<b>0</b>	<b>440</b>	<b>0</b>	<b>290</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,220</b>

**Notes on Funding Schedule**

*Previous PAYG funding came from prior PAYG allocations to complete the deficiencies from the Department of Justice agreement.*

**Projected Additional Operating Costs (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	0	0	0	0
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Notes on Operating Costs**

**Total New FTEs (#):** **0**

## Ballston Public Parking

### Project Description

In 1984, Arlington County purchased the garage at the Parkington Shopping Center as part of an economic development plan for the Ballston area of the County. The facility was subsequently renamed the Ballston Public Parking Garage, and was renovated and expanded to include 2,800 parking spaces on seven floors. This project was completed in conjunction with the redevelopment of what is now the Ballston Commons Mall. The first seven floors of the garage are operated as an enterprise fund. Between 2004 and 2008, an eighth level of parking, as well as the Washington Capitals skating and office facility, was constructed. The eighth floor of the facility is operating as a separate enterprise fund. Portions of the parking facility date back to the 1950's, and some capital improvements have been made over the past few years, including replacement of the first floor slab, lighting upgrades to include high efficiency LED fixtures, updated payment equipment, new signage, repainting, and structural repairs particularly to the eighth level parking deck and access ramps.

Due to the age of the facility, there are substantial additional improvements that need to be made, including major concrete repairs to levels four and five and address other miscellaneous repairs on the other floors. This work will be phased to minimize the impact to operations. Additionally, as part of the County's public-private partnership with Forest City for the redevelopment of the mall into the mixed use Ballston Quarter, improvements are needed to improve the parking customer's experience of the garage, including modernization of the aging elevators, renovations of the elevator lobbies, and better wayfinding and signage. These projects will be funded with net parking revenues of the Ballston Garage Enterprise Fund. Beyond these near-term improvements, the next step will to begin evaluating the façade of the garage both from an engineering perspective and to respond to concerns raised by the community as part of the site plan process for Ballston Quarter. Placeholder estimates for this and for other maintenance capital investments are included in the out-years and will be updated (both dollars and timing) as evaluation proceeds.

<p><b>Associated Master Plan:</b> Ballston Sector Plan, Master Transportation Plan (MTP)</p>	<p><b>Critical Milestones (for near-term improvements):</b></p> <table> <tr> <td><i>Start Design</i></td> <td><b>Spring 2016</b></td> </tr> <tr> <td><i>Start Construction</i></td> <td><b>Spring 2017</b></td> </tr> <tr> <td><i>Complete Construction</i></td> <td><b>Winter 2018</b></td> </tr> </table>	<i>Start Design</i>	<b>Spring 2016</b>	<i>Start Construction</i>	<b>Spring 2017</b>	<i>Complete Construction</i>	<b>Winter 2018</b>
<i>Start Design</i>		<b>Spring 2016</b>					
<i>Start Construction</i>	<b>Spring 2017</b>						
<i>Complete Construction</i>	<b>Winter 2018</b>						
<p><b>Neighborhood(s):</b> Ballston-Virginia Square</p>							

### Project Justification

The County has completed major maintenance capital projects in FY 2014 through FY2016. Regular maintenance of the facility components is required to both prolong the useful life of the garage and maintain quality for users. Repair of the major deterioration of the concrete on certain levels is the next step in continuing the County's commitment to maintaining this asset in a safe and working condition. Elevator modernization and lobby improvements are planned for FY 2017, but the project timing and cost may be adjusted to coordinate with the Ballston Quarter redevelopment. Every year of the plan includes ongoing capital maintenance in addition to the major projects.

### Changes from Prior CIP

Reflects updated individual project components in the garage for concrete repairs and timing of the Ballston Quarter redevelopment project.

**Capital Costs during Ten Year Period (FY 2017 to FY 2026)** (in \$1,000s): \$10,500

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	0	0	0
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	550	2,475	2,475	1,000	1,000	1,000	500	500	500	500	10,500
<b>Subtotal New Funding</b>	<b>550</b>	<b>2,475</b>	<b>2,475</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>10,500</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>550</b>	<b>2,475</b>	<b>2,475</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>10,500</b>

*Notes on Funding Schedule*

Projected Additional Operating Costs (in \$1,000s)

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	0	0	0	0
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

*Notes on Operating Costs*

**Total New FTEs (#):**

**0**



## **Barcroft Gymnastics Expansion**

### **Project Description**

Currently, the gymnastics program located at Barcroft Community Center has a waiting list of over 800 students. The existing one room at the facility cannot accommodate the increase in demand for an expanded program. The project consists of the conversion of the adjacent gym to a gymnastics program by removing the bleachers, basketball hoops and adding additional equipment, changing the existing locker rooms/restrooms to accommodate two private staff locker rooms (no finish changes). The gymnasium is also in need of a LED lighting upgrade to be consistent with the rest of the facility completed a few years ago. The paint on the rafters is peeling and in need of scraping and repainting along with the walls within the two gymnasiums only. Phased maintenance upgrades will occur in both gymnasiums to allow minimum closure. Replacement of the entire HVAC system in the building and roof replacement is included within this scope and will require closures that have not yet been determined. The County will strive to limit the impact to programs during the renovations.

### **Critical Milestones:**

<i>Start Design</i>	<b>Spring 2016</b>
<i>Gymnastics Construction Completion</i>	<b>Fall 2017</b>
<i>Construction Completion</i>	<b>Spring 2018</b>

### **Project Justification**

This project is consistent with County Board guidance from the last adopted CIP along with strong community demand to expand the existing gymnastics program. New revenue from gymnastics classes, camps, and teams help to set off costs for new staff. The existing mechanical systems have reached the end of their useful life and are in constant need of repairs.

### **Changes from Prior CIP**

Scope expanded to include HVAC upgrades in the entire facility, lighting upgrades along with minimum painting in the gymnasiums.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$3,540**

These costs are for the expansion of the gymnastics program and upgrades and improvements to the mechanical systems in the facility. Completing the mechanical work at this time will save costs due to the phasing of the project.

***Notes on Funding Schedule***

**Funding Schedule (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	3,240	0	0	0	0	0	0	0	0	0	3,240
PAYG	300	0	0	0	0	0	0	0	0	0	300
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>3,540</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,540</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>3,540</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,540</b>

***Notes on Operating Costs***

**Projected Additional Operating Costs (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	227	288	321	313	305	296	288	279	271	2,588
<b>Net Operating Cost</b>	<b>0</b>	<b>227</b>	<b>288</b>	<b>321</b>	<b>313</b>	<b>305</b>	<b>296</b>	<b>288</b>	<b>279</b>	<b>271</b>	<b>2,588</b>

*Anticipated increases in program gymnastics staff will be offset by program revenues.*

**Total New FTEs (#): 0**

## Central Library Planning

### Project Description

The last major renovation and addition of Central Library occurred in 1991 and the original structure was built in 1959. Investments in core building infrastructure (HVAC, roof) and modest interior refreshments have been made over the years; however, we are approaching the point where significant new investments will be required to fully modernize the facility. At the same time, Central's premium location near the Ballston and Virginia Square Metro stations make it a candidate for re-visioning what a modern library could look like in an urban center. The Community Facilities Study recommends that future capital projects should consider how to make the highest and best use of scarce County land and consider going "up" where appropriate and consider whether surface parking is needed. The CIP includes planning funding in FY 2023 to begin consideration of a redeveloped Central Library and the potential for other complementary uses of the site. Certain components of the neighboring Quincy Park are also in need of renovation and planning dollars are also included in FY23; a coordinated planning process with Central would be logical with preservation of valuable open space being a key criteria. Community engagement would be an essential component of any process.

<b>Associated Master Plan:</b> Ballston Sector Plan
<b>Neighborhood(s):</b> Ballston-Virginia Square

### Changes from Prior CIP

First time in CIP.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$2,000**

***Notes on Funding Schedule***

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	2,000	0	0	0	2,000
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000</b>

***Notes on Operating Costs***

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	140	178	198	516
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>140</b>	<b>178</b>	<b>198</b>	<b>516</b>

**Total New FTEs (#): 0**



**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$2,810**

As a placeholder, basic costs are included for renovation of an existing space that is the same size as the current space.

***Notes on Funding Schedule***

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	0	2,810	2,810
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,810</b>	<b>2,810</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,810</b>	<b>2,810</b>

***Notes on Operating Costs***

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	0	0	0	0
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Total New FTEs (#):** **0**

## County Childcare

### Project Description

There is a critical need for increased childcare options for County employees. There were over 730 responses to a May 2015 County survey regarding childcare needs, with a 50-50 split between those who currently use childcare and those who believe they will need it in the next five years. Overwhelmingly, access to an onsite or nearby childcare was indicated as a top need, with 92% of all respondents (or 527 current employees) indicating that they would use County childcare facilities close to their worksite. Funding was included in the FY 2017 budget for analysis and studies of a potential site location, facility programming to determine physical needs and options for the future opportunity to respond to this unmet need identified by current employees, and help us further improve our benefits package to appeal to millennials. The facility should accommodate approximately 75 more children, with the potential to serve a total of 139 children between the existing facility at Uhle Street and a new location. Arlington County's Human Services (DHS) and Human Resources (HRD) would work together to design the new facility and restructure the current contract terms for provider(s) and conditions to better meet childcare needs identified by County employees. The County will explore opportunities for childcare options as part of future site plans considered by the County Board. HRD will work with other departments to potentially open the outdoor play space to the community after hours, providing recreational space where it does not currently exist. In addition, the County can also explore the possibility of reserving a few childcare spaces for low income community members. Budget projections do not include land or facility acquisitions, new construction beyond interior fit out, or lease costs.

### Critical Milestones:

<i>Planning</i>	<b>Summer 2016 - Fall 2016</b>
<i>Design Start</i>	<b>Winter 2016 - Summer 2017</b>
<i>Construction Start</i>	<b>Winter 2017</b>

### Project Justification

Onsite childcare has been shown to be a powerful retention and recruitment tool, particularly among millennials. In our survey of millennials who currently work in the County, onsite childcare was listed as one of their top additional benefits desired. Currently only 20% of the County's workforce are millennials; however most projections show that by 2020, they will increase significantly. As competition for talent increases, an onsite childcare could provide a recruiting edge over some of our neighboring jurisdictions. The current County childcare facility only has 64 slots, with only nine infant slots. Contractually only 30 of those slots can be allocated to non-County children; the current number is 29. Even if all 64 slots were taken by County staff children, we could not meet the need indicated in the survey with the current facility. In fact, of those survey respondents who are currently utilizing childcare, 48 percent indicated that they were either on the waitlist (8 percent) or that there were no slots available (40 percent).

### Changes from Prior CIP

First Time in CIP.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$1,600**

Cost per square foot is based on an interior fit out of approximately 4,500 square feet in a County owned building and a tot lot playspace. Budget projections do not include land or facility acquisitions, new construction, HVAC upgrades, or lease costs.

***Notes on Funding Schedule***

**Funding Schedule (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	150	1,350	0	0	0	0	0	0	0	0	1,500
PAYG	100	0	0	0	0	0	0	0	0	0	100
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>250</b>	<b>1,350</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,600</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>250</b>	<b>1,350</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,600</b>

***Notes on Operating Costs***

**Projected Additional Operating Costs (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	11	108	135	148	145	141	137	133	129	1,087
<b>Net Operating Cost</b>	<b>0</b>	<b>11</b>	<b>108</b>	<b>135</b>	<b>148</b>	<b>145</b>	<b>141</b>	<b>137</b>	<b>133</b>	<b>129</b>	<b>1,087</b>

**Total New FTEs (#): 0**



**Courthouse Complex Renovations & Infrastructure**

**Project Description**

As the County's government center, the Courthouse Plaza area is home to several core County buildings, totaling over 1.0 million square feet:

- Courthouse Plaza
- Detention Facility
- Courts / Police Building
- Court Square West
- 2020 14th Street N.

Multiple projects are included in this scope for FY 17-24, driven by several factors. The County is currently evaluating lease options for the Courthouse Plaza office building due to the lease expiration in October 2018 and accompanying needs for updates of any leased space. The County-owned buildings in the Courthouse area range in age from 20 to 50 years and require ongoing investments in core infrastructure such as heating and cooling systems, elevators and roofs, among others. Most of the core infrastructure investments will be addressed in the maintenance capital program. New security and accessibility standards will need to be implemented in these buildings; similarly, modern office standards that facilitate telework and more collaborative work spaces need to be considered to help address potential staff growth and existing over-crowding. Finally, this work will also help facilitate a more detailed interim and long-term implementation plan for the County's Courthouse Complex buildings to support the recently updated Courthouse Sector Plan and associated redevelopment. These projects will be implemented in a phased manner as analyses are completed. Initial investments will be likely focused on security improvements in the courts complex and space build-out at Court Square West and 2020 14th Street N. once final uses are determined. It is likely that future CIPs will include additional investments as more detailed plans are developed.

<p><b>Associated Master Plan:</b> Court House Sector Plan</p>	<p><b>Advisory Commission:</b> CIP Working Group, Courthouse Clarendon Civic Association, Public Facilities Review Committee</p>
<p><b>Neighborhood(s):</b> Clarendon-Courthouse</p>	

**Project Justification**

The age, changed use and/or function, updated security and accessibility practices, and new modern office standards affect all Courthouse Complex buildings. The project will identify and address these changes in a phased approach and also include evaluation of projected staff growth. Priority will be given to areas that do not currently meet regulatory guidelines. The project will also focus on establishing a basis for future space needs forecasting.

**Changes from Prior CIP**

First time in CIP.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$12,430**

***Notes on Funding Schedule***

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	2,250	4,000	2,000	0	0	0	0	4,180	0	0	12,430
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>2,250</b>	<b>4,000</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,180</b>	<b>0</b>	<b>0</b>	<b>12,430</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>2,250</b>	<b>4,000</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,180</b>	<b>0</b>	<b>0</b>	<b>12,430</b>

***Notes on Operating Costs***

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	158	480	719	792	796	775	753	1,024	1,082	6,579
<b>Net Operating Cost</b>	<b>0</b>	<b>158</b>	<b>480</b>	<b>719</b>	<b>792</b>	<b>796</b>	<b>775</b>	<b>753</b>	<b>1,024</b>	<b>1,082</b>	<b>6,579</b>

**Total New FTEs (#): 0**

## Critical Systems Infrastructure

### Project Description

There are several facilities throughout the County that are essential to the operations of Public Safety and First Responders. The intent of the CSI program is to centralize the monitoring and maintenance of building systems (e.g. HVAC, power, building envelope, fire alarm) supporting these 24/7/365 mission critical facilities. The facilities include the Emergency Communications Center (ECC), Alternative Emergency Communications Center (AECC), Emergency Operations Center (EOC), Network Operations Centers (NOCs), Arlington County Detention Facility (ACDF), Public Safety Radio Sites, and County Fire Stations. The CSI program will operate out of the Facilities Management Bureau (FMB) in the Department of Environmental Services (DES) and will encompass the management of day-to-day operations, on-call as-needed after-hours work and capital improvement projects.

### Project Justification

Over the past decade the inventory and complexity of mission critical facilities in the County has increased. The majority of these sites have been maintained by user agencies, while others were maintained and operated by DES. This non-uniform approach led to failures in building systems and ultimately interruptions in the user agencies services. By centralizing the building system operations under FMB, the maintenance, capital improvements, and emergency response will be done consistently across all the sites. This will ensure proper operation of the building systems to allow for the user agencies to provide their core services without interruption. The following are the sites that are the initial primary focus of the CSI program.

- ECC - This site serve as the 9-1-1 call center for the entire County. Since the construction in 2008 there have been several reliability issues with the electrical power system. DES is currently implementing upgrades to the center to provide reliable, filtered and uninterruptable power. Upon completion of the upgrades, the ECC will be maintained by a mission critical contractor managed by the CSI program.
- AECC - The AECC serves as the back-up site for the ECC. Current maintenance and capital improvement frequencies of the electrical and mechanical systems are inconsistent with a mission critical facility. Implementing these sites into the CSI program will ensure proper maintenance and monitoring of the building systems.
- CHP & Trade Center NOCs - The NOCs support essential County services such as the entire County network, County e-mail, County website, County phone system, street light operation, and some Public Safety networks. Both NOCs have sophisticated building system components serving specific tasks associated with power, climate control, and fire protection. Proper operation of each component is essential to maintain each NOC online. Inclusion of these sites into the CSI program will ensure proper monitoring, preventative and corrective maintenance, and 24/7/365 emergency response.
- ACDF - This site serves as the only detention facility in the County and is a 24/7/365 operation. Reliability of the ACDF electrical standby power system is considered essential for facilities of this nature. Upgrades to system have been identified and the intent is to address these under the CSI program. Monitoring, preventative and corrective maintenance, and 24/7/365 emergency response for the standby power system will be provided through the CSI program.
- Public Safety Radio Sites - There are six radio sites located throughout the County. Operation of these radio sites is essential for maintaining clear radio communication for public safety first responders. Current maintenance and capital improvement frequencies of the electrical and mechanical systems are inconsistent with a mission critical facility. Implementing these sites into the CSI program will ensure proper maintenance and monitoring of the building systems.
- Fire Stations - There are fire stations strategically located throughout the County to ensure as-needed response to life safety situations. The CSI program will maintain the generators that support building life safety and emergency systems.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$1,940**

***Notes on Funding Schedule***

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	300	1,030	0	0	0	0	0	0	0	0	1,330
PAYG	0	110	30	30	80	90	270	0	0	0	610
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>300</b>	<b>1,140</b>	<b>30</b>	<b>30</b>	<b>80</b>	<b>90</b>	<b>270</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,940</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>300</b>	<b>1,140</b>	<b>30</b>	<b>30</b>	<b>80</b>	<b>90</b>	<b>270</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,940</b>

***Notes on Operating Costs***

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	21	99	121	131	128	124	121	117	114	976
<b>Net Operating Cost</b>	<b>0</b>	<b>21</b>	<b>99</b>	<b>121</b>	<b>131</b>	<b>128</b>	<b>124</b>	<b>121</b>	<b>117</b>	<b>114</b>	<b>976</b>

**Total New FTEs (#): 0**

## **Fire Station #8**

### **Project Description**

The Fire Station 8 building (located at 4845 Lee Highway) is aging and undersized and will be replaced with a new facility better suited to meet Fire and Emergency Medical Service delivery program needs. The station doesn't meet current standards including four apparatus bays to accommodate equipment requirements and gender-neutral accommodations for staff. The new fire station will be a two-story building with a total area of approximately 15,000 sf and a footprint of about 10,000 sf. The station will occupy 0.75 to 1.5 acres to provide drive-through bays for the apparatus and adequate staff parking. In the winter of 2016, the County Board appointed a Task Force to provide recommendations on the location of the replacement fire station; their work was completed in the spring with final staff recommendations and a County Board decision to remain at the current site. The decision will require a potential temporary station location to be determined prior to design. During the adopted CIP, the County Board provided guidance for the County Manager to report back by December 31, 2016 on site options for a temporary fire station and fueling facility. The 2016 referenda includes funding to proceed with design; construction funding is currently anticipated for the 2018 referenda. It should be noted that the construction estimates are conceptual and will likely change since they are not based on any level of design. Additionally, these estimates do not include land acquisitions or the relocation of the fuel island or the creation of a temporary fire station.

### **Neighborhood(s):**

Donaldson Run, John M. Langston, Old Dominion, Rock Spring, Yorktown

### **Critical Milestones:**

<i>Start Design</i>	<b>Winter, 2017</b>
<i>Start Construction</i>	<b>Fall, 2018</b>
<i>Substantial Completion</i>	<b>Winter, 2020</b>

### **Project Justification**

Fire Station 8 dated, at the end of its useful life, and does not provide the apparatus capacity to service the community.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$15,120**

The cost estimate is conceptual and is not based on any design elements. There are several cost elements not included such as the fuel island relocation, land acquisition, or a temporary fire station.

***Notes on Funding Schedule***

**Funding Schedule (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	1,120	6,610	7,390	0	0	0	0	0	0	15,120
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>1,120</b>	<b>6,610</b>	<b>7,390</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,120</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>1,120</b>	<b>6,610</b>	<b>7,390</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,120</b>

***Notes on Operating Costs***

**Projected Additional Operating Costs (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	78	562	1,217	1,422	1,477	1,438	1,398	1,359	8,951
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>78</b>	<b>562</b>	<b>1,217</b>	<b>1,422</b>	<b>1,477</b>	<b>1,438</b>	<b>1,398</b>	<b>1,359</b>	<b>8,951</b>

**Total New FTEs (#):** **0**

## Fire Station Replacements and Additions

### Project Description

The County's inventory of ten fire station varies in age, condition and sufficiency of meeting current service standards. Additionally, projected increases in development and density in certain sections of the County (particularly Crystal City and Columbia Pike) may require additional fire service. The last two CIPs have included long-term programs to gradually address these deficiencies. As described separately in this section, the County is currently underway with a community planning process (led by the Fire Station 8 Task Force) to advise on replacement of Fire Station 8, located on Lee Highway. The next fire station to be address is Fire Station 10 (1559 Wilson Boulevard) whose replacement was planned as part of the Western Rosslyn Area Planning Study (WRAPS) and will be part of redevelopment that not only includes a new fire station, but also the new Wilson School, expanded parks space and mixed use development. The fire station and a portion of park improvements will be funded by developer contributions. Beyond this, the CIP includes funding in FY 2025 for the next possible fire station investment, whether it be replacement of one of the older fire stations (such as Fire Station 4 in Clarendon or Fire Station 7 in Fairlington) or a new fire station required to meet redevelopment needs. Any station replacement or relocation would be preceded by a community process. The placeholder assumptions shown below do not include land acquisition.

<p><b>Associated Master Plan:</b> Clarendon Sector Plan, Rosslyn Station Area Plan Addendum</p>	<p><b>Critical Milestones:</b></p> <p><i>Fire Station 10 Construction Complete</i>                      <b>Summer 2021</b></p>
<p><b>Neighborhood(s):</b> Clarendon-Courthouse</p>	

### Project Justification

The exact station locations are undetermined pending developer plans and contributions, site selection, and Public Process.

### Changes from Prior CIP

Timeline updated and Fire Station 8 has an individual project request.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$32,120**

Fire Station cost estimates are based on standard buildings 13,000 to 15,000 SF excluding land acquisition. Fire station costs estimated with surface parking and assumed redevelopment of an existing built-out site.

***Notes on Funding Schedule***

**Funding Schedule (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	500	1,000	13,400	0	0	0	0	0	0	14,900
New Bond Issue	0	0	0	0	0	0	0	0	17,220	0	17,220
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>500</b>	<b>1,000</b>	<b>13,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,220</b>	<b>0</b>	<b>32,120</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>500</b>	<b>1,000</b>	<b>13,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,220</b>	<b>0</b>	<b>32,120</b>

***Notes on Operating Costs***

**Projected Additional Operating Costs (in \$1,000s)**

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	0	0	1,205	1,205
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,205</b>	<b>1,205</b>

**Total New FTEs (#):** **0**



**Government Facilities Planning & Construction**

**Project Description**

The County is currently negotiating several significant land acquisitions and swaps, including the Buck property on N. Quincy St., the possibility of a land exchange with Virginia Hospital Center for its Carlin Springs Rd. holdings, and the Navy Annex. Planning & community engagement processes will determine recommended uses; placeholder funding is included in this CIP as a starting point for build-out once uses are determined and future CIPs will reflect updated cost estimates and schedules.

<p><b>Associated Master Plan:</b> Various</p>	<p><b>Critical Milestones:</b> To be determined after acquisitions and planning processes are complete</p>	<p><b>Advisory Commission:</b> Various</p>
<p><b>Neighborhood(s):</b> Various</p>		

**Changes from Prior CIP**

First time in the CIP

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$49,500**

***Notes on Funding Schedule***

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	34,500	0	0	7,000	8,000	0	0	0	0	49,500
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>34,500</b>	<b>0</b>	<b>0</b>	<b>7,000</b>	<b>8,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>49,500</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>0</b>	<b>34,500</b>	<b>0</b>	<b>0</b>	<b>7,000</b>	<b>8,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>49,500</b>

***Notes on Operating Costs***

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	2,415	3,071	3,423	3,823	4,426	4,559	4,533	4,404	30,654
<b>Net Operating Cost</b>	<b>0</b>	<b>0</b>	<b>2,415</b>	<b>3,071</b>	<b>3,423</b>	<b>3,823</b>	<b>4,426</b>	<b>4,559</b>	<b>4,533</b>	<b>4,404</b>	<b>30,654</b>

**Total New FTEs (#): 0**

## **Lease Program**

### **Project Description**

The County leasing program strives to maintain an appropriate balance of leased vs. owned facilities. Leases are reviewed for appropriateness and cost effectiveness on an ongoing basis relative to dynamic market conditions, and naturally at lease renewal decision points. The attached table indicates when various leased facilities will be up for renewal, relocation, or conversion. Decisions on lease renewal typically predate expiration by 1-2 years, with even greater advance time for larger leases.

### **Project Justification**

Leased facilities comprise a large portion of our overall facility inventory, and include such core facilities as the anchor service center for the Department of Human Services (DHS), and the primary office building for the County Government, at Courthouse Plaza. Presently the County owns and operates approximately 2 million SF of facilities, and leases approximately 515,244 SF. Leased facilities offer some inherent advantages to the County. They are flexible and therefore the quickest way to meet additional space needs, drop excess space or provide temporary space. Some of the maintenance and operations burden borne by limited County staff is reduced because those services are typically provided by the landlord. With owned facilities, the County controls the property and can more accurately plan budgets rather than face swings in the market during periods of lease renewals. While existing leases are funded through the annual operating budget process, the leasing program can and does significantly impact the capital program. The County performs ongoing leasing analyses that can provide significant facility upgrades without affecting debt capacity but still require capital funds.

Arlington County Tenant Leases

Term	Area		
Exp	(sf)	Name/location	Description
1/31/22	16,115	AED	Office
11/30/19	11,132	ATP-CIC Office	Transportation office
12/31/31		Ballston Garage	Parking
12/31/31		Ballston Garage - Parking Facilities Lease	Parking
Indef		Barton St. Commtty Garden	Garden
10/31/18	234,937	CHP	Office
4/15/25	842	Commuter Store/1686 Crystal Sq. Arcade	Retail
5/31/21	176	Commuter Store Kiosk/Ballston metro station	Retail
9/11/24	900	Commuter Store/Rosslyn Metro	Retail
12/31/16	8,420	Culpepper Garden/4435 N. Pershing Dr.	Day care (senior)
4/14/22	452	ECC/6400 Arlington Blvd.	Communications
10/31/24	1,560	Gates of Ballston/4108 4th St. N.	Community center
6/30/81		I-66 Garage/15th St. N. & N. Stafford St.	Parking
Indef		Korean Embassy Parcels/Clarendon Blvd. & Barton St.	Park
6/30/30	220,613	Sequoia Plaza/2100 Washington Blvd.	Office
6/30/23	110,132	Shirlington bus parking lease*	Parking
6/30/22	7,128	Special Public Safety Use**	Office
7/31/17	7,840	Spectrum Theater/1601 N. Kent St.	Cultural Arts
6/30/17	2,010	Star Program/2300 9th St. S.	Office
5/31/16	3,119	Woodmont Weavers/Ballston Mall***	Special use (County related)

\* Board approval of lease pending.

\*\*Board approval of extension pending.

\*\*\* To be replaced by space leased at Sequoia Plaza.

## Lubber Run Community Center-Replacement

### Project Description

Lubber Run Community Center's (LRCC) aging and undersized building will be replaced with a new building better suited to meet community recreational program needs based on County Board direction on scope provided in April 2016. The courts and playground areas in the 4.5 acre site will be improved to meet current recreation and ADA standards. The new LRCC will continue current programs in new spaces meeting contemporary standards, provide a gym for additional recreational activities, be home to a relocated Senior Program moved from rental space in Culpepper Garden, and home to the current complement of Parks and Recreation staff as well as welcoming back Parks and Recreation staff moved to Four Mile Run in 2001. Staff was moved to Four Mile Run due to inadequate ADA accessibility at the existing LRCC. Underground parking will be part of the project so green space can be expanded and take the place of the surface parking lot. Sidewalks and streetscape improvements will better accommodate accessibility for all modes of travel. Following selection of an architect, community engagement will provide input on how to best arrange the new center in the park, providing maximum contiguous green spaces and preserving significant trees.

<p><b>Associated Master Plan:</b></p>	<p><b>Critical Milestones:</b></p> <table border="0"> <tr> <td><i>Planning Begins</i></td> <td><b>Summer 2015</b></td> </tr> <tr> <td><i>Architectural and Engineering Selection</i></td> <td><b>Fall 2016</b></td> </tr> <tr> <td><i>Public Process for Site Selection</i></td> <td><b>Fall 2016 - Spring 2017</b></td> </tr> <tr> <td><i>Construction Phase Begins</i></td> <td><b>2018</b></td> </tr> <tr> <td><i>Construction Completion</i></td> <td><b>2020</b></td> </tr> </table>	<i>Planning Begins</i>	<b>Summer 2015</b>	<i>Architectural and Engineering Selection</i>	<b>Fall 2016</b>	<i>Public Process for Site Selection</i>	<b>Fall 2016 - Spring 2017</b>	<i>Construction Phase Begins</i>	<b>2018</b>	<i>Construction Completion</i>	<b>2020</b>	<p><b>Advisory Commission:</b> Environment and Energy Conservation Commission, Park and Recreation Commission, Public Facilities Review Committee, Sports Commission, Urban Forestry Commission</p>
<i>Planning Begins</i>		<b>Summer 2015</b>										
<i>Architectural and Engineering Selection</i>	<b>Fall 2016</b>											
<i>Public Process for Site Selection</i>	<b>Fall 2016 - Spring 2017</b>											
<i>Construction Phase Begins</i>	<b>2018</b>											
<i>Construction Completion</i>	<b>2020</b>											
<p><b>Neighborhood(s):</b> Arlington Forest, Buckingham</p>												

### Project Justification

The Lubber Run Community Center, one of the oldest community centers in the County is beyond its useful life. It was constructed with a split-level arrangement without elevators and cannot meet current accessibility standards. Replacement with improved program spaces and underground parking will meet contemporary needs and preserve green space.

### Changes from Prior CIP

Based on County Board direction in April 2016 and in line with recommendations of the Community Facilities Study, the scope now includes underground parking and a gymnasium. Additionally, the prior CIP did not include the replacement of outdoor amenities and bringing them to current standards.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$47,860**

***Notes on Funding Schedule***

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	1,200	3,090	22,010	20,160	0	0	0	0	0	0	46,460
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>1,200</b>	<b>3,090</b>	<b>22,010</b>	<b>20,160</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>46,460</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	1,400	0	0	0	0	0	0	0	0	0	1,400
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>1,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,400</b>
<b>Total Revenues</b>	<b>2,600</b>	<b>3,090</b>	<b>22,010</b>	<b>20,160</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>47,860</b>

***Notes on Operating Costs***

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	84	323	1,935	3,793	4,389	4,527	4,406	4,284	4,163	27,904
<b>Net Operating Cost</b>	<b>0</b>	<b>84</b>	<b>323</b>	<b>1,935</b>	<b>3,793</b>	<b>4,389</b>	<b>4,527</b>	<b>4,406</b>	<b>4,284</b>	<b>4,163</b>	<b>27,904</b>

*Any potential growth for staff beyond the existing community center cannot be modeled until a program of services is determined.*

**Total New FTEs (#): 0**

## North Side Salt Facility

### Project Description

Consistent with funding contained in the last CIP, this CIP includes the replacement of the aging salt storage structure at the County-owned site at Old Dominion and 25th Street N will be replaced. As discussed during as part of the Fire Station 8 Task force, a public process to obtain community input on the site redevelopment will be conducted prior to commencement of the design phase. Master planning will include existing and possible new uses of the site, potential impact on neighbors and environmental effects.

#### Neighborhood(s):

Donaldson Run, John M. Langston, Old Dominion, Rock Spring, Yorktown

#### Critical Milestones:

<i>Start community process of Master Plan</i>	<b>TBD after completion of Fire Station 8 Task Force</b>
<i>Start design</i>	<b>Summer 2017</b>
<i>Start construction</i>	<b>Winter 2018</b>
<i>Complete construction</i>	<b>Fall 2020</b>

### Project Justification

The existing salt storage facility is beyond its useful life; short-term structural repairs were made during summer, 2012. Those repairs were only temporary; the old rusting tank continues to decay and needs to be replaced with a modern plan to reorganize core support operations in North Arlington.

### Changes from Prior CIP

None - future CIPs will reflect any changes in use and scope based on the master planning process.

**Capital Costs during Ten Year Period (FY to FY ) (in \$1,000s): \$2,405**

***Notes on Funding Schedule***

Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	0	0	0
PAYG	0	0	0	0	0	0	0	0	0	0	0
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal New Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	205	2,200	0	0	0	0	0	0	0	0	2,405
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>205</b>	<b>2,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,405</b>
<b>Total Revenues</b>	<b>205</b>	<b>2,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,405</b>

***Notes on Operating Costs***

Projected Additional Operating Costs (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	14	172	216	238	232	226	219	213	207	1,737
<b>Net Operating Cost</b>	<b>0</b>	<b>14</b>	<b>172</b>	<b>216</b>	<b>238</b>	<b>232</b>	<b>226</b>	<b>219</b>	<b>213</b>	<b>207</b>	<b>1,737</b>

**Total New FTEs (#): 0**



**PUBLIC / GOVERNMENT FACILITIES: PROGRAM FUNDING SUMMARY**

CIP  
2017 – 2026

10 YEAR CATEGORY SUMMARY (IN \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
Ongoing Energy Efficiency Projects	389	790	650	580	670	710	760	800	850	900	7,099
<b>Total Recommendation</b>	<b>389</b>	<b>790</b>	<b>650</b>	<b>580</b>	<b>670</b>	<b>710</b>	<b>760</b>	<b>800</b>	<b>850</b>	<b>900</b>	<b>7,099</b>

CATEGORY FUNDING SOURCES (IN \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	0	0	0
PAYG	0	790	650	580	670	710	760	800	850	900	6,710
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	389	0	0	0	0	0	0	0	0	0	389
<b>Subtotal New Funding</b>	<b>389</b>	<b>790</b>	<b>650</b>	<b>580</b>	<b>670</b>	<b>710</b>	<b>760</b>	<b>800</b>	<b>850</b>	<b>900</b>	<b>7,099</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Funding Sources</b>	<b>389</b>	<b>790</b>	<b>650</b>	<b>580</b>	<b>670</b>	<b>710</b>	<b>760</b>	<b>800</b>	<b>850</b>	<b>900</b>	<b>7,099</b>

**Ongoing Energy Efficiency Projects**

**Project Description**

Energy efficiency projects will be completed each year to reduce operational costs by managing the consumption of energy in County facilities. Specific energy efficiency projects are selected based on analyses of utility bills and building energy usage, facility assessments, emerging clean energy technologies, and equipment replacement schedules in the facilities maintenance capital program. The County Operations Energy Plan identifies priority needs for this and future CIPs.

<p><b>Associated Master Plan:</b> Community Energy Plan</p>	<p><b>Advisory Commission:</b> Community Energy Plan Implementation Review Committee (CEPIRC), Environment and Energy Conservation Commission</p>
<p><b>Neighborhood(s):</b> VARIOUS</p>	

**Project Justification**

Continued investment in energy management technologies and practices reduce operating costs while renewing our capital assets. These energy projects support achievement of the ambitious goals for County operations included within the adopted Community Energy Plan. All projects are coordinated with Facilities Management and other constituent agencies. The following projects have been identified to provide clear near-term energy and operational savings.

1. Central Library boiler: Replacement of the boiler plant in this building completes the needed HVAC upgrades for this heavily-used facility. The aging, inefficient boilers will be replaced by modern high-efficient equipment that will save thousands of dollars each year in natural gas costs while improving reliability and cutting maintenance costs as well.
2. Retrocommissioning of buildings: The mechanical systems at the Park Operations building and Shirlington Library/Signature Theater are due for re-commissioning (RCx). Recent RCx interventions at the Barcroft Sports, Fairlington Community Center, and Walter Reed Community Center achieved 20%-40% energy use reductions and improved comfort for employees and visitors.
3. Advanced Lighting: As existing light fixtures and lamps become due for routine replacement or re-lamping, light-emitting diode (LED) fixtures will be installed as replacements to reap substantial energy cost savings.
4. Energy Management Information System: National studies show that 20%-30% reductions in energy use in buildings are feasible through optimal control of building equipment and systems, even if the energy-using technologies are already efficient. Advanced monitoring of building systems is now possible, going beyond simple on/off/setback schedules of major heating and cooling equipment. This project is for deployment of advanced metering, sub-metering, and an information platform to monitor and control energy uses for near- and long-term reductions in energy costs. This building energy information system will also provide enhanced intelligence on the operational efficiency of major equipment (e.g. chillers), helping improve preventative maintenance and enhancing asset life.
5. Electric Vehicle Supply Equipment (EVSE): Electric vehicles are much more efficient than internal combustion engines, and they create lower greenhouse gas emissions. Although public-private partnerships are feasible for providing the actual charging devices, alterations to electric circuits are needed to provide adequate safe power to the charging devices.

## Capital Costs during Ten Year Period (FY 2017 to FY 2026) (in \$1,000s): \$7,099

The program level of funding will be dedicated to projects of various sizes and may include some design and construction but is most often equipment related.

### Funding Schedule (in \$1,000s)

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	10 Year Total
<b>New Funding</b>											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	0	0	0
PAYG	0	790	650	580	670	710	760	800	850	900	6,710
Master Lease	0	0	0	0	0	0	0	0	0	0	0
Sanitary District Tax	0	0	0	0	0	0	0	0	0	0	0
Other Funding	389	0	0	0	0	0	0	0	0	0	389
<b>Subtotal New Funding</b>	<b>389</b>	<b>790</b>	<b>650</b>	<b>580</b>	<b>670</b>	<b>710</b>	<b>760</b>	<b>800</b>	<b>850</b>	<b>900</b>	<b>7,099</b>
<b>Previously Approved Funding</b>											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal Previously Approved Funding</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Revenues</b>	<b>389</b>	<b>790</b>	<b>650</b>	<b>580</b>	<b>670</b>	<b>710</b>	<b>760</b>	<b>800</b>	<b>850</b>	<b>900</b>	<b>7,099</b>

### Notes on Funding Schedule

*A stable funding level is preferred each year to maintain active programming, deploy innovative technologies as they become market-ready, and achieve continuous improvement in energy performance.*

### Projected Additional Operating Costs (in \$1,000s)

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	10 Year Total
Personnel (\$)	0	0	0	0	0	0	0	0	0	0	0
Non-Personnel (\$)	0	-100	-200	-300	-400	-500	-600	-700	-800	-900	-4,500
Master Lease Financing Costs	0	0	0	0	0	0	0	0	0	0	0
Bond Financing Costs	0	0	0	0	0	0	0	0	0	0	0
<b>Net Operating Cost</b>	<b>0</b>	<b>-100</b>	<b>-200</b>	<b>-300</b>	<b>-400</b>	<b>-500</b>	<b>-600</b>	<b>-700</b>	<b>-800</b>	<b>-900</b>	<b>-4,500</b>

### Notes on Operating Costs

*Investments in energy efficiency and renewable energy technologies reduce long-term facility energy costs. Due to changes in energy prices, these savings are often avoided costs rather than cash savings, but the energy program maintains extensive data on building performance to verify energy consumption improvements.*

Total New FTEs (#):

0