

FY 2016

Advertised Budget Plan



Capital Projects Overview

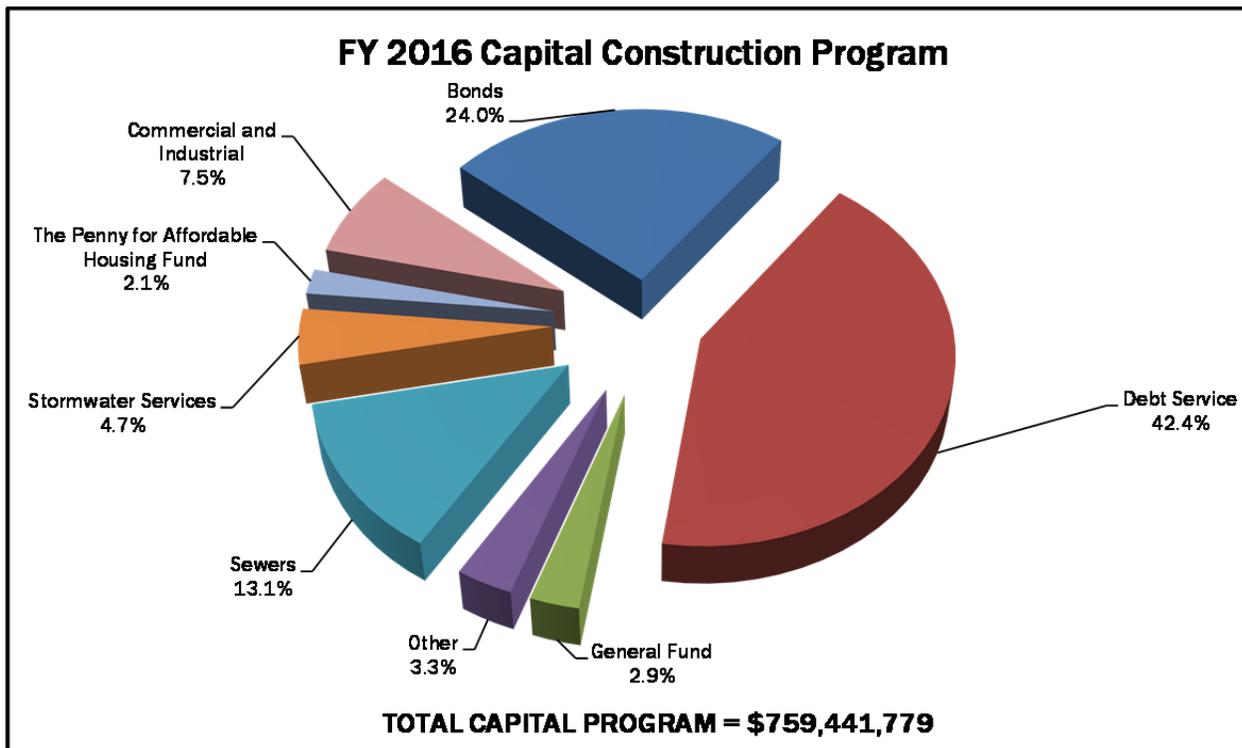
Capital Projects Overview

Summary of Capital Construction Program

The Capital Construction Program of Fairfax County is organized to meet the existing and anticipated future needs of the citizens of the County and to enable the County government to provide necessary services. The Capital Construction Program (other than sanitary sewer construction and resource recovery projects) is primarily financed through transfers from the General Fund and the sale of General Obligation Bonds. Supplementing the General Fund and General Obligation Bond monies are additional funding sources including federal and state grants, contributions, and tax revenues from special revenue districts.

The Fairfax County Capital Construction Program includes, but is not limited to: School construction of both new and renovated school facilities, park facilities, transportation improvements, libraries, trails/sidewalks, fire stations, government centers with police substations, stormwater management facilities, athletic field maintenance, the construction of housing units to provide affordable housing opportunities to citizens, commercial revitalization initiatives and the renovation/maintenance of County facilities. In addition, the Program includes contributions and obligations in support of the capital construction.

Funding in the amount of \$759,441,779 is included in FY 2016 for the County's Capital Construction Program. Of this amount, \$321,900,342 is included for debt service and \$437,541,437 is included for capital expenditures. The source of funding for capital expenditures includes: \$22,041,768 from the General Fund; \$182,100,000 in General Obligation Bonds; \$99,389,000 in sewer system revenues; \$16,033,900 in Real Estate revenues supporting the Affordable Housing Program; \$35,751,621 in Stormwater Services revenue; \$56,761,810 in Commercial and Industrial revenues; and \$25,463,338 in financing from various other sources. Other sources of financing include, but are not limited to, transfers from other funds, pro rata share deposits, user fees, developer contributions and/or payments.

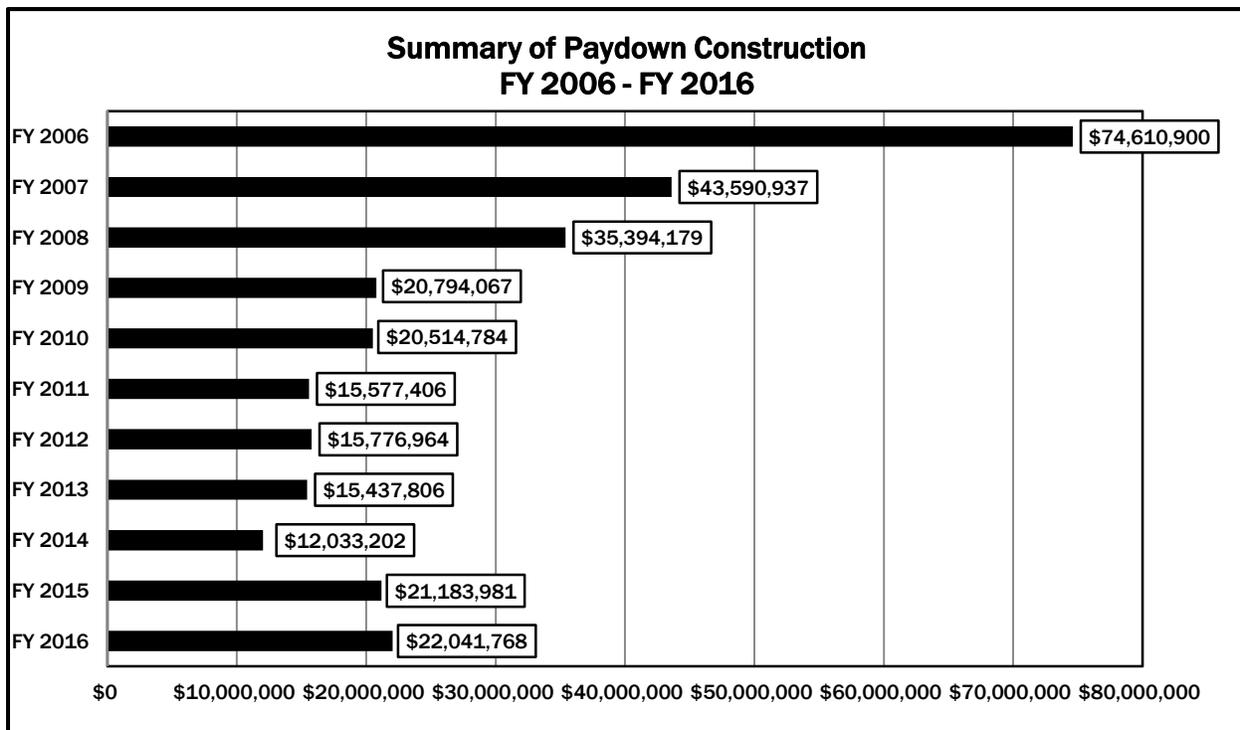


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Capital Paydown Program

In FY 2016, an amount of \$22,041,768 has been included for the Capital Paydown Program. This level of funding represents an increase of \$857,787 over the FY 2015 Adopted Budget Plan level of \$21,183,981. This increase is primarily due to an increase of \$250,000 in the annual contribution to Fairfax County Public Schools to support the SACC Program and an increase of \$535,000 in baseline funding for the Environmental Program which was funded in FY 2015 as part of the *FY 2014 Carryover Review*.

This graph below depicts the level of Paydown funding between FY 2006 and FY 2016. With the exception of FY 2006 and FY 2007, Paydown funding has remained at a fairly consistent annual level. The increases in FY 2006 and FY 2007 were attributed to several major projects that were supplemented with General Fund dollars including the McConnell Public Safety and Transportation Operations Center (MPSTOC). In addition, the approximate value of a penny of assessed real estate values was transferred from the General Fund to both the Penny for Affordable Housing Fund and the Stormwater Management Fund. The Penny for Affordable Housing fund is now funded directly by revenue from the Real Estate tax and the Stormwater Management Fund is now funded by a special service district. This change allows the paydown program to more accurately reflect General Fund dollars dedicated to the County's capital construction program.



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The chart below also reflects the history of the Paydown program, giving some perspective to the significant areas that have been supported in the last 5 years, including FY 2016. Many of these areas have remained constant over the years and funding was included for only the most critical of projects.

Paydown Program	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
Infrastructure Replacement and Upgrades ¹	\$0	\$0	\$0	\$2,700,000	\$2,700,000
ADA Compliance ²	\$2,171,700	\$3,000,000	\$0	\$3,950,000	\$4,064,750
Athletic Field Maintenance and Sports Projects	\$4,647,535	\$4,647,535	\$4,647,535	\$5,635,338	\$5,635,338
Park Maintenance Projects	\$1,882,076	\$1,470,076	\$1,270,076	\$1,682,076	\$1,682,076
On-Going Development Efforts	\$2,477,454	\$1,927,383	\$1,302,383	\$1,962,120	\$1,784,735
Obligations and Payments	\$3,418,199	\$3,637,812	\$3,908,208	\$4,194,447	\$4,429,869
Revitalization Initiatives	\$1,095,000	\$405,000	\$405,000	\$1,060,000	\$1,210,000
Environmental Initiatives ³	\$85,000	\$350,000	\$500,000	\$0	\$535,000
Total	\$15,776,964	\$15,437,806	\$12,033,202	\$21,183,981	\$22,041,768

¹ No General Fund support was included for capital renewal projects in FY 2012, FY 2013 and FY 2014 based on the Board of Supervisor's approval of a 3-year short-term borrowing program totaling \$35 million for backlogged renewal projects. General Fund support was required in FY 2015 and FY 2016.

² In FY 2014, funding for ADA Compliance was provided for by a transfer from the Park Improvement Fund and a transfer from the General Fund as part of the *FY 2013 Carryover Review*.

³ No General Fund support was included initially for environmental initiatives in FY 2015. During their deliberations on the *FY 2015 Advertised Budget Plan*, the Board of Supervisors directed staff to eliminate the funding for the environmental initiatives and consider funding the program as part of the Carryover Review. An amount of \$535,000 was approved as part of the *FY 2014 Carryover Review* to support the FY 2015 Program.

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Specifics of the FY 2016 Paydown Program include:

County Infrastructure Replacement and Upgrades

Infrastructure Replacement and Upgrades support the long-term needs of the County's capital assets to maximize the life of County facilities, avoid their obsolescence, and provide for planned repairs, improvements and restorations to make them suitable for organizational needs. Fairfax County will have a projected FY 2016 facility inventory of over 8.9 million square feet of space throughout the County (excluding schools, parks, housing and human services residential facilities). This inventory continues to expand with the addition of newly constructed facilities, the renovation and expansion of existing facilities and the acquisition of additional property. With such a large inventory, it is critical that a planned program of repairs and restorations be maintained. In addition, the age of a major portion of this inventory of facilities is reaching a point where major reinvestments are required in the building subsystems.

Each year, the Facilities Management Department (FMD) prioritizes and classifies infrastructure replacement and upgrade projects into five categories. Projects are classified as Category F: urgent/safety related, or endangering life and/or property; Category D: critical systems beyond their useful life or in danger of possible failure; Category C: life-cycle repairs/replacements where repairs are no longer cost effective; Category B: repairs needed for improvements if funding is available, and Category A: good condition.

The requirement for County infrastructure replacement and upgrades is estimated at \$26 million per year. This estimate is based on current assessment data, much of which is nearly 10 years old; as well as industry standards (2 percent of the current replacement value). Based on current staffing levels, the complexity of many of the projects, and the timeline for completing renewal projects, it is estimated that approximately \$15 million per year would be a good goal for maintenance funding. Due to limited availability of General Fund support, an amount of \$2,700,000 is included for infrastructure replacement and upgrades in FY 2016. This level of funding is consistent with the [FY 2015 Adopted Budget Plan](#).

ADA Compliance

FY 2016 funding in the amount of \$4,064,750, an increase of \$114,750 over the [FY 2015 Adopted Budget Plan](#) funding level, is included for the continuation of Americans with Disabilities Act (ADA) improvements required as part of the Department of Justice (DOJ) audit and identified in the settlement agreement signed by the Board of Supervisors on January 28, 2011. In May and June 2007, the United States Department of Justice conducted an audit of County government facilities and programs to determine compliance with the ADA. The audit of Fairfax County was part of a national audit program, and was not a result of any specific complaints in the County. The audit listed violations ranging from updating emergency management procedures, web-based services, and general communication procedures, to improving access to buildings, parking garages, restrooms and elevators. Staff has categorized DOJ identified improvements by color: easy, inexpensive (green); more timely and costly (yellow); and difficult, time consuming, and/or expensive (red). In addition, the County and Parks are required as part of the agreement with the DOJ to perform assessments at all remaining facilities. These assessments will result in increased retrofitting requirements. Specific funding levels in FY 2016 include:

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- ◆ Funding in the amount of \$1,840,000 is included for the continuation of Park Authority ADA improvements. The Park Authority has nearly completed all DOJ identified improvements and has completed 100 percent of the DOJ required building assessments for the remaining facilities that were not part of the audit. Park staff continues to address items identified as part of their self-assessment.
- ◆ Funding in the amount of \$2,224,750 is included for the continuation of ADA improvements at County owned facilities required as part of the Department of Justice audit. FMD has nearly completed all DOJ identified improvements and will complete all required self-assessments during FY 2015. FMD continues to address items identified as part of their self-assessment.

Athletic Field Maintenance and Sports Projects

FY 2016 Paydown funding of \$5,635,338 has been included for athletic field maintenance and sports program. This amount is the same as the FY 2015 Adopted Budget Plan funding level. The total program is \$6,735,338 and this level is supported by a General Fund transfer of \$5,635,338 and revenue generated from the Athletic Services Fee in the amount of \$1,100,000. Of the Athletic Services Fee total, \$250,000 will be dedicated to maintenance of school athletic fields, \$200,000 will be dedicated to synthetic turf field development, \$300,000 will be dedicated to the turf field replacement program, \$275,000 will be dedicated to custodial support for indoor sports organizations, and \$75,000 will partially fund the Youth Sports Scholarship Program. Specific funding levels in FY 2016 include:

- ◆ An amount of \$860,338 supports general maintenance including mowing at over 734 athletic fields (approximately 176 school sites). This effort is supported entirely by the General Fund and is managed by the Park Authority.
- ◆ An amount of \$1,000,000 is dedicated to maintenance of diamond fields at Fairfax County Public Schools and is partially supported by revenue generated by the Athletic Services Fee. This program provides twice weekly infield preparation on elementary, middle and high school game fields (110 fields); pre- or post-season infield renovations (200 fields); mowing and turf management on high school fields after June 1st (55 fields); and annual maintenance of irrigation systems (37 sites/67 fields). All field maintenance is coordinated between the Park Authority and the Department of Neighborhood and Community Services. Of the total funding, an amount of \$250,000 is included for this program based on the FY 2016 projection of revenue generated from the Athletic Services Fee and \$750,000 is supported by the General Fund.
- ◆ An amount of \$250,000 is included to continue the replacement and upgrading of Fairfax County Public Schools (FCPS) athletic field lighting systems at middle and high schools used by many County organizations. Funding supports a replacement and repair schedule, as well as improvements to bring existing lighting systems up to new standards. The school system's Office of Design and Construction Services ensures lighting standards are maintained and FCPS annually prioritizes funding for field lighting. FY 2016 funding supports the replacement and repair for one field's existing lighting systems. This project is supported entirely by the General Fund and coordinated by the Department of Neighborhood and Community Services.

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- ◆ An amount of \$50,000 is included for routine maintenance of girls' softball field amenities on select Fairfax County Public School sites. These amenities, such as dugouts, fencing and irrigation systems, were added or constructed by the County based on recommendations from the citizen-led Action Plan Review Team (APRT) in order to reduce disparities in the quality of fields assigned to boys' baseball and girls' softball organizations. Routine maintenance is necessary both to maintain equity and to ensure safety. For five years, funding of \$200,000 was provided to support Girls' Fast Pitch Field Maintenance improvements to various girls' softball fields throughout the County as requested by the Fairfax Athletic Inequities Reform (FAIR). FY 2016 funding will provide maintenance to the improvements and amenities previously made to girls' softball fields. This project is supported entirely by the General Fund and coordinated by Department of Neighborhood and Community Services.
- ◆ An amount of \$200,000 is included to support the development of synthetic turf fields. Fields are chosen through a review process based on the need in the community, projected community use and the field location and amenities. This effort is coordinated between the Park Authority and the Department of Neighborhood and Community Services and funding is provided from revenue generated from the Athletic Services Fee. It should be noted that as part of the *FY 2013 Carryover Review*, a Joint County School initiative was implemented to develop new synthetic turf fields throughout the County. The initial funding plan included several community funding options designed to reduce the total amount necessary from \$12 million to approximately \$9.0 million that would be required from the County and Fairfax County Public Schools (FCPS) over a three-year period. Since that time, a large amount of proffer funding, primarily in the Lee and Mt. Vernon districts, has been identified to further reduce the contributions from the County and FCPS. As a result, the current estimate is less than \$6.5 million. An amount of \$3.0 million was included as part of the *FY 2013 Carryover Review*, and an additional \$3.0 million was approved from the County and FCPS at the *FY 2014 Carryover Review*. The unfunded gap to be considered as part of the *FY 2015 Carryover Review* is less than \$500,000, rather than the \$3.0 million originally planned. This recommendation is based on the findings of the Synthetic Turf Field Task Force in its July 2013 report. The County's Synthetic turf fields enhance the capacity and availability of existing athletic fields and address the identified rectangular field shortage within the County. Synthetic turf fields offer a cost effective way of increasing field use opportunities at existing parks and schools. Funding of \$500,000 had been dedicated to this program annually; however, based on the new joint initiative, all but \$200,000 in athletic services fee revenue has been redirected to the turf field replacement program.
- ◆ An amount of \$1,250,000 is included for the turf field replacement program in FY 2016. Funding of \$300,000 is supported by athletic services fee revenue and \$950,000 is supported by the General Fund. This level of funding will begin to address this growing need and implement the recommendations of the Synthetic Turf Field Task Force. Synthetic turf fields increase community access to athletic fields and provide avenues for participants to increase their levels of physical activity. There are over 130,000 youth and adults who participate annually on rectangular fields that benefit from turf fields. If turf fields are not replaced when needed, they would need to be closed due to safety reasons. Most manufacturers provide an eight-year warranty for a properly maintained synthetic turf field; however, it is a generally accepted practice to assume a life expectancy of the synthetic turf field of no more than ten years. For planning purposes, the County adopted an annual budget estimate of a little more than half of the installation funding, which is a generally accepted practice for the industry. However, based on a projected ten-year replacement cycle and the current 67 field inventory, replacement funding requires a regular financial commitment. The projected replacement cost per field is \$450,000. Current funding levels will allow the County to continue to plan for the

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gradual replacement of turf fields as they reach the end of their useful life, however, the program is still not fully funded. To fully fund the replacement plan, approximately \$1,000,000 in additional funding would be required.

- ◆ An amount of \$2,700,000 is included for athletic field maintenance efforts, athletic field lighting, and irrigation on 275 Park Authority athletic fields of which 113 are lighted and 121 are irrigated. The fields are used by 174,000 users and 200 user groups. This effort is supported entirely by the General Fund and is managed by the Park Authority.
- ◆ An amount of \$275,000 is included for custodial support for indoor gyms used by sports organizations. The use of FCPS indoor facilities on the weekend requires FCPS to schedule a school system employee to open and close the facility. Revenue generated from the Athletic Services Fee is used to provide payment for FCPS staff, eliminating the need for indoor sports organizations to pay the hourly rate previously charged. This project is entirely supported by revenue generated from the Athletic Services Fee and is managed by the Department of Neighborhood and Community Services.
- ◆ An amount of \$150,000 is included for the Youth Sports Scholarship Program. The Youth Sports Scholarship Program provides support to youth from low-income families who want to participate in community-based sports programs. Of the total funding, an amount of \$75,000 is included for this program based on the FY 2016 projection of revenue generated from the Athletic Services Fee, and \$75,000 is supported by the General Fund.

Park Maintenance Projects

FY 2016 funding in the amount of \$1,682,076 has been included for Park maintenance of both facilities and grounds. This amount is the same as the FY 2015 Adopted Budget Plan funding level. The Park facilities maintained with General Fund monies include but are not limited to: rental properties, historic properties, nature centers, maintenance facilities, sheds, shelters, and office buildings. Park priorities are based on the assessment of current repair needs including safety and health issues, facility protection, facility renewal and improved services. In addition, Park maintenance requirements are generated through scheduled preventative maintenance or from user requests for facility alterations. Without significant reinvestment in building and grounds, older facilities can fall into a state of ever decreasing condition and functionality, resulting in increased maintenance and repair costs in the future. Preventative and repair work is required for roof replacement and repair, HVAC, electrical and lighting systems, fire alarm systems and security systems. Funding is essential to the maintenance and repair of building stabilization, including capital renewal of over 567,053 square feet of buildings. Maintenance is also required on over 580 pieces of grounds equipment.

Specific funding levels in FY 2016 include:

- ◆ An amount of \$425,000 is included for general park maintenance at non-revenue supported Park facilities. These maintenance requirements include major non-recurring repairs and stabilization of properties, as well as repairs/replacements and improvements to roofs, electrical and lighting systems, sprinklers, HVAC systems, and the replacement of security and fire alarm systems. In FY 2016, funding is included to repair and replace roofs at prioritized picnic shelters and outdoor public restrooms (\$100,000); replace aged security systems at various sites throughout the County (\$200,000); and replace windows, doors, and siding at picnic shelters, historic sites, and maintenance facilities (\$125,000).

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- ◆ An amount of \$787,076 is provided to fund annual requirements for Parks grounds maintenance at non-revenue supported parks. The Park Authority is responsible for the care of a total park acreage of 23,310 acres of land, with 425 park site locations, maintenance and repair of tennis courts, basketball courts, trails, picnic areas and picnic shelters, playgrounds, bridges, parking lots and roadways, and stormwater ponds. This funding is also used for contract mowing of approximately 570 acres of land and arboreal services in response to citizens' requests, as well as addressing multi-year deferred maintenance on the aging park infrastructure.
- ◆ An amount of \$470,000 is included to provide corrective and preventive maintenance for over 538,086 square feet at non-revenue supported Park Authority structures and buildings. These repairs include equipment repairs and the scheduled inspection and maintenance of HVAC, plumbing, electrical, security and fire alarm systems. This funding is critical in order to prevent the costly deterioration of facilities due to lack of maintenance.

On-Going Development Efforts

FY 2016 Paydown funding of \$1,784,735, a decrease of \$177,385 from the FY 2015 Adopted Budget Plan funding level, has been included for costs related to on-going development efforts throughout the County, specifically:

- ◆ Funding of \$1,084,735 is included to address only the most critical aspects of property management at the Laurel Hill property. Laurel Hill was transferred to the County by the federal government and includes approximately 2,340 acres of land and 1.48 million square feet of building space. Of the amount funded in FY 2016, \$765,000 will fund the Facilities Management Department's security, maintenance services, grounds maintenance, and support staff. The remaining \$319,735 will fund Park Authority's critical maintenance activities and support staff.
- ◆ An amount of \$50,000 is included to support the maintenance and establishment of geodetic survey control points for the geographic information system (GIS). This project also supports the development and maintenance of an interactive, GIS-based website which will provide convenient and cost effective monumentation information to the County's land development customers.
- ◆ Funding of \$300,000 is included to support the Developer Default program. This project is necessitated by economic conditions surrounding the construction industry that result in some developers not completing required public facilities, including acceptance of roads by the state, walkways and storm drainage improvements. Land Development Services (LDS) will identify projects for resolution in FY 2016, as well as respond to requests to prepare composite cost estimates to complete existing developer default projects. The total FY 2016 funding is supported by \$100,000 in General Fund monies and \$200,000 in anticipated developer default revenue.
- ◆ An amount of \$150,000 is included for the Reinvestment, Repair, and Emergency Maintenance of County Roads. Staff will prioritize funding for projects including emergency safety and road repairs and maintenance of County-owned service drives and County-owned stub streets. These County-owned roads will never be accepted by the Virginia Department of Transportation (VDOT) into the state highway system for maintenance due to right of way widths, drainage, signage, and/or dead-end issues. On-going road maintenance includes, but is not limited to, pothole repair, drive surface overlays, sidewalk and curb repairs, traffic and pedestrian signage, hazardous tree removal, grading, snow and ice control, replacement of substandard materials, patching of existing travelways, minor ditching and stabilization of shoulders, slopes and drainage facilities.

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- ◆ An amount of \$300,000 is included for emergency and critical maintenance requirements for County trails, sidewalks and pedestrian bridges. The Department of Public Works and Environmental Services (DPWES) and the Fairfax County Department of Transportation are responsible for maintaining approximately 229 miles of asphalt trails, 425 miles of concrete sidewalk and 67 pedestrian bridges. On-going critical maintenance includes the correction of safety and hazardous conditions such as the deterioration of trail surfaces, the replacement and/or repair of guardrails and handrails, and the rehabilitation of pedestrian bridges. Maintenance service levels have significantly fluctuated for the pedestrian program based on funding constraints. Repairs are performed on a complaint basis only, and limited to addressing only emergency and safety related requirements.
- ◆ An amount of \$100,000 is included for the Emergency Directives Program. The Emergency Directives Program was established to provide for abatement services of both emergency and non-emergency directives related to health and safety violations, grass mowing violations, and graffiti removal directives. The funds are used to perform corrective maintenance for code violations under Chapter 46 and Chapter 119 of the Fairfax County Code, in which cited property owners fail to correct.

Obligations and Payments

FY 2016 funding in the amount of \$4,429,869, an increase of \$235,422 over the FY 2015 Adopted Budget Plan funding level, has been included for costs related to annual contributions and contractual obligations. This increase is based primarily on an increase in the County's annual contribution for the SACC Program. Specific FY 2016 projects include:

- ◆ Funding of \$916,851 is included for the annual payment associated with the Salona property based on the Board of Supervisors' approval of the purchase of this conservation easement on September 26, 2005. The total cost of the property is \$18.2 million with payments scheduled through FY 2026.
- ◆ Funding of \$1,000,000 is included for the County's annual contribution to offset school operating and overhead costs associated with School-Age Child Care (SACC) Centers. The contribution to FCPS was last increased from \$500,000 to \$750,000 in FY 2007.
- ◆ Funding of \$2,513,018 is included for Fairfax County's contribution to the Northern Virginia Community College (NVCC). Funding provides for the continued construction and maintenance of various capital projects on college campuses within the NVCC system. The FY 2016 rate of \$2.25 per capita is consistent with the FY 2015 level. The NVCC currently serves approximately 78,000 students surpassing all previous expectations of growth and capital planning. It is estimated that the NVCC serves an average of 20 percent of each high school graduating class in addition to increased support for local workers seeking new skills in a tough job market. The NVCC capital plan has recently been adjusted to keep pace with this accelerated enrollment and it is anticipated that capital contributions from the partners will continue to be adjusted gradually to avoid a major commitment from supporting jurisdictions in any given year. The NVCC has indicated that every dollar contributed to the capital program leverages \$29 in state funds back to Northern Virginia. The \$2.25 rate is applied to the population figure provided by the Weldon Cooper Center.

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Revitalization Program Initiatives

FY 2016 funding in the amount of \$1,210,000, an increase of \$150,000 over the FY 2015 Adopted Budget Plan funding level, has been included for revitalization efforts. This funding is supported entirely by the General Fund. Specific funding levels include:

- ◆ An amount of \$750,000 is included to continue routine and non-routine maintenance in five major commercial revitalization areas (Annandale, Route 1, Springfield, McLean and Baileys Crossroads) and ten Commuter Rail and Park-and-Ride lots. This funding level represents an increase of \$150,000 over the FY 2015 Adopted level. Staff is currently working to develop a more sustainable maintenance and reinvestment approach that will include building an inventory and an action plan, reviewing urban streetscape standards, researching best management practices, developing a more rigorous review and implementation process for new projects, and trying to prevent these types of aesthetic improvements from falling into a state of disrepair. The goal of this program is to provide an enhanced level of infrastructure and right-of-way features in these urbanizing areas in order to facilitate pedestrian movements and create a “sense of place.” The maintenance in the commercial revitalization areas currently includes trash removal and quality control inspections once a week; grass mowing and weed control once every two weeks; edging, bus shelter glass cleaning, and night light inspection once a month; fertilization and shearing once every three months; pest control, leaf removal, and shrub pruning once every four months; mulching and seasonal flower rotation once every six months; and irrigation maintenance as necessary. In the next year, staff will be working to develop reinvestment standards that will be less difficult to maintain and manage.
- ◆ An amount of \$460,000 is included to support routine and non-routine maintenance services to the Tyson’s Corner and Silver Line project. More specifically, this project will provide funding for recurring landscaping maintenance associated with the Tyson’s Corner Silver Line area along the Route 7 corridor, from Route 123 to the Dulles Toll Road. Routine maintenance services include landscape maintenance along the median and both sides of the road, trash removal, snow removal, and stormwater facility maintenance. The primary difference between maintenance requirements related to the Silver Line Metro system stations (Phase I) and other existing Metro stations is the County’s maintenance requirement associated with 27 water quality swales under the raised tracks of the Silver Line located in VDOT right-of-way. Typical maintenance for the swales will include litter and sediment removal, vegetation care, and structural maintenance. It is anticipated that additional maintenance responsibilities may be added during the construction of Phase II of the Silver Line.

Environmental Initiatives

FY 2016 funding of \$535,000, an increase of \$535,000 over the FY 2015 Adopted Budget Plan funding level, has been included for environmental initiatives. During their deliberations on the FY 2015 Advertised Budget Plan, the Board of Supervisors directed staff to eliminate this funding and consider funding the program as part of the Carryover Review. An amount of \$535,000 was approved as part of the *FY 2014 Carryover Review* to support the FY 2015 Program. In FY 2016, funding has been included in the annual budget and projects were selected based on the new more rigorous project selection process supported by the Environmental Quality Advisory Council (EQAC). The Committee utilizes specific project criteria, solicits requests from County agencies for project proposals, interviews project teams and ranks each proposal.

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Specific funding levels include:

- ◆ An amount of \$150,000 is included to continue the Invasive Plant Removal Program. The Park Authority manages this volunteer program, as well as other invasive removal initiatives. These programs restore hundreds of acres of important natural areas, protect tree canopy, and reach thousands of volunteers. Currently more than 10,000 trained volunteer leaders have contributed 34,000 hours of service since the Program's inception in 2005, improving over 1,000 acres of parkland.
- ◆ An amount of \$75,000 is included for Energy Education and Outreach initiatives. This program is intended to increase the awareness of Fairfax County residents and businesses regarding their energy consumption and to encourage them to reduce consumption. Program objectives include educating residents and businesses about home and workplace energy consumption, explaining the energy assessment (audit) process, and encouraging residents and businesses to undertake energy-savings measures. The objectives of this program are achieved using the support of interns from the Northern Virginia Soil and Water Conservation District (NVSWCD), which generates significant fiscal savings for Fairfax County.
- ◆ An amount of \$10,000 is included for the Green Purchasing Program. This program is designed to support two interns to assist in clearly specifying environmental attributes during the County's procurement process. Fairfax County has a current inventory of over 2,400 contracts and emphasizing environmental attributes such as recycling, energy efficiency, durability and reduced toxicity during the procurement process can contribute to the purchase of green products, creating fiscal and environmental savings.
- ◆ An amount of \$75,000 is included for the Watershed Protection and Energy Conservation Matching Grant Program. This program is intended to support the NVSWCD's Energy Education and Outreach initiatives and promote community engagement around sustainability and conservation issues. The initiative would build on current programs that provide technical assistance, hands-on support, outreach and education to Fairfax County homeowners and residents. Projects would improve water quality, reduce greenhouse gas emissions and conserve energy and water. The \$75,000 program funding level would support the NVSWCD program including, printing and materials, matching grants of \$500 - \$3,500 up to \$35,000 total for all grants and one limited term full-time position to conduct outreach and education, site assessments, and inspections.
- ◆ An amount of \$95,000 is included to install Water Smart web-based irrigation controllers utilizing ET (Evapotranspiration) weather technology at 20 Park facilities that have existing irrigation systems with the opportunity to reduce energy use, water consumption and reduce environmental impacts.
- ◆ An amount of \$105,000 is included for lighting retrofits and upgrades at Fairfax County Park Authority facilities for energy efficiency and conservation. Lighting will be upgraded to LED fixtures and lighting controls will be installed to manage operating hours more efficiently. These energy saving retrofit replacements will reduce approximately 80 percent of energy usage, improve lighting, reduce the Greenhouse gas inventory and contribute to the dark skies initiative.

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- ◆ An amount of \$25,000 is included to install a Variable Frequency Drive (VFD) at two RECenter pools. A VFD is a type of an adjustable-speed drive used to control motor speed by varying motor input frequency and voltage. VFDs have been shown to increase performance in pool pumping applications. A VFD could save up to 60% or more on a pump's electricity usage. The pool pump will operate more efficiently, which will result in a cost savings to the county due to lower electricity use and reduced maintenance costs.

In addition, an amount of \$58,140 has been provided in Fund 10030, Contributory Fund, to continue partnering with two non-profit agencies to support tree planting efforts throughout the County.

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Project	FY 2016 Advertised
ADA Compliance	
GF-000001 ADA Compliance – FMD	\$2,224,750
PR-000083 ADA Compliance – Park Authority	1,840,000
Subtotal	\$4,064,750
Athletic Field Maintenance and Sports Projects	
2G51-001-000 Athletic Fields – Parks Maintenance at FCPS	\$860,338
2G51-002-000 Athletic Field Maintenance	2,700,000
2G51-003-000 Athletic Services Fee – Diamond Fields	750,000
2G79-220-000 Athletic Fields – APRT Amenity Maintenance	50,000
2G79-221-000 Athletic Services Fee – Sports Scholarships	75,000
PR-000082 Athletic Fields – FCPS Lighting	250,000
PR-000097 Athletic Services Fee – Turf Field Replacement	950,000
Subtotal	\$5,635,338
Park Maintenance Projects	
2G51-005-000 Parks – General Maintenance	\$425,000
2G51-006-000 Parks – Ground Maintenance	787,076
2G51-007-000 Parks – Facility/Equipment Maintenance	470,000
Subtotal	\$1,682,076
On-Going Development Efforts	
2G08-001-000 Laurel Hill Development – FMD	\$765,000
2G25-018-000 Emergency Directive Program	100,000
2G25-019-000 Survey Control Network Monumentation	50,000
2G25-020-000 Developer Defaults	100,000
2G25-021-000 Reinvestment, Repair, and Emergency Maintenance of County Roads	150,000
2G25-057-000 Emergency Maintenance of Existing Trails	300,000
2G51-008-000 Laurel Hill Development – Parks	319,735
Subtotal	\$1,784,735

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	Project	FY 2016 Advertised
Obligations and Payments		
2G06-001-000	Salona Property Payment	\$916,851
2G25-012-000	School-Aged Child Care Contribution	1,000,000
2G25-013-000	NOVA Community College Contribution	2,513,018
	Subtotal	\$4,429,869
Revitalization Initiatives		
2G25-014-000	Revitalization Maintenance – CRP Areas	\$750,000
2G25-088-000	Revitalization Maintenance – Tysons	460,000
	Subtotal	\$1,210,000
Environmental Initiatives		
2G02-001-000	EIP – Environmental Initiatives	\$105,000
2G02-021-000	EIP – Energy Education and Outreach	150,000
2G51-032-000	EIP – Invasive Plant Removal	150,000
2G51-034-000	EIP – Park Lighting and Energy Retrofits	130,000
	Subtotal	\$535,000
Infrastructure Replacement and Upgrades		
GF-000008	Emergency Building Repairs	\$130,000
GF-000009	Fire Alarm System Replacement	96,000
GF-000010	Roof Repairs and Waterproofing	597,000
GF-000011	HVAC System Upgrades and Replacement	1,215,000
GF-000013	Elevator/Escalator Replacement	112,000
GF-000017	Electrical System Upgrades and Replacements	550,000
	Subtotal	\$2,700,000
	TOTAL PAYDOWN PROGRAM	\$22,041,768

Capital General Obligation Bond Program

The Board of Supervisors annually reviews cash requirements for capital projects financed by General Obligation bonds to determine the ongoing schedule for construction of currently funded projects as well as those capital projects in the early planning stages. The bond capital program is reviewed annually by the Board of Supervisors in association with the Capital Improvement Program (CIP) and revisions are made to cashflow estimates and appropriation levels as needed. The CIP is designed to balance the need for public facilities as expressed by the countywide land use plan with the fiscal capability of the County to meet those needs. The CIP serves as a general planning guide for the construction of general purpose, school, and public facilities in the County. The County's ability to support the CIP is entirely dependent upon and linked to the operating budget. The size of the bond program in particular is linked to the approved General Fund disbursement level.

Capital Projects Overview

The Virginia Constitution requires that long-term debt pledged by the full faith and credit of the County can only be approved by voter referendum. There is no statutory limit on the amount of debt the voters can approve. It is the County's own policy to manage debt within the guidelines identified in the *Ten Principles of Sound Financial Management*. The *Ten Principles* specifically indicate that debt service expenditures as a percentage of General Fund disbursements should remain under 10 percent and that the percentage of debt to estimated market value of assessed property should remain under 3 percent. The County continues to maintain these debt ratios with debt service requirements as a percentage of General Fund disbursements at 8.12 percent, and net debt as a percentage of market value at 1.26 percent as of June 30, 2014.

Continual monitoring and adjustments to the County's CIP have been necessary, as economic conditions have changed. The FY 2016 – FY 2020 Advertised Capital Improvement Program (With Future Fiscal Years to 2025) was released concurrently with the FY 2016 budget. It should be noted that the operating budget is directly affected by the approval of the capital budget and its capital project components. The operating budget must support the debt service costs of all bond issues related to the capital budget, as well as the operating and maintenance costs for each facility and improvement.

In FY 2016, an amount of \$182,100,000 is included in General Obligation Bond funding. Specific funding levels in FY 2016 include:

- ◆ Funding in the amount of \$155,000,000 is included for various school construction projects financed by General Obligation Bonds. For details, see the Fairfax County Public School's FY 2016 Superintendent's Proposed Budget.
- ◆ Funding in the amount of \$24,100,000 is included to support the 106-mile Metrorail system as well as to maintain and/or acquire facilities, equipment, railcars and buses.
- ◆ Funding of \$3,000,000 is included for the County's annual contribution to the Northern Virginia Regional Park Authority (NVRPA) Capital program. The NVRPA Park system includes 30 parks and over 11,000 acres of land, over 100 miles of trails, numerous historic sites, five waterparks, two family campgrounds, three golf courses, a nature center, botanical gardens, rental cabins and cottages, five marinas, and over 40 miles of protected shoreline along major rivers and reservoirs. In Fairfax County, NVRPA owns over 8,000 acres – most of which protect environmentally sensitive watersheds along the Potomac, Bull Run and Occoquan Rivers. The NVRPA's capital improvement and land acquisition costs are shared by its six member jurisdictions: the counties of Fairfax, Loudoun and Arlington, and the cities of Fairfax, Alexandria and Falls Church. The primary focus of NVRPA's capital program is to continue the restoration, renovation and modernization of existing park facilities, many of which were developed or constructed more than 20 years ago. Other elements of the capital program include land acquisition, the development of interpretive and educational displays and the addition of park features to meet the needs of the public. On November 6, 2012, the voters approved \$12.0 million to sustain the County's capital contribution to the NVRPA for four years. FY 2016 represents the final year of the four-year program.

Capital Projects Overview

Stormwater Management Program

The Stormwater Management Program is essential to protect public safety, preserve property values and support environmental mandates, such as those aimed at protecting the Chesapeake Bay and the water quality of other local jurisdictional waterways. Projects include: repairs to stormwater infrastructure, measures to improve water quality, such as stream stabilization, rehabilitation and safety upgrades of state regulated dams, repair and replacement of underground pipe systems, surface channels, structural flood proofing and Best Management Practices (BMP), site retrofits and improvements. This funding also supports implementation of watershed master plans, increased public outreach efforts, and stormwater monitoring activities as well as operational maintenance programs related to the existing storm drainage infrastructure as it pertains to stormwater conveyance and stormwater quality improvements.

As part of the [FY 2010 Adopted Budget Plan](#), a special service district was created to support the Stormwater Management Program and provide a dedicated funding source for both operating and capital project requirements, as authorized by [Code of Virginia](#) Ann. Sections 15.2-2400. In FY 2016, the stormwater service rate will increase from \$0.0225 to \$0.0250 per \$100 of assessed real estate value. In FY 2015, staff developed a five-year rate plan and a phased approach for funding and staffing to support the anticipated regulatory increases. The 5-year spending plan includes approximately \$225 million in required projects and operational support; therefore, the plan includes an annual increase in the rate of ¼ penny each year. This increase will support a number of goals. First, it will provide for constructing and operating stormwater management facilities, including stream restorations, new and retrofitted ponds, and installation of Low Impact Development (LID) techniques, required to comply with the federally mandated Chesapeake Bay Program. This program requires the County to reduce Phosphorus, Nitrogen, and sediment loads to the Potomac River and Chesapeake Bay. MS4 Permit holders must achieve 5 percent of the required reductions in the first five years; 35 percent of the required reductions in the second five years; and 60 percent of the required reductions in the third five years. The Capital Improvement Program includes a gradual increase that will help meet these requirements. Second, the increase will aid in the planning, construction, and operation of stormwater management facilities required to comply with state established local stream standards by reducing bacteria, sediments, and Polychlorinated Biphenyl (PCB) entering local streams. It is estimated that between 70 and 80 percent of the streams in the County are currently impaired. Third, the increase will support the federally mandated inspecting, mapping, monitoring, maintaining, and retrofitting of existing stormwater facilities. The County currently maintains 1,540 stormwater management facilities that are valued at \$500 million. Fourth, the increase will aid in collecting stormwater data and reporting the findings; providing community outreach and education, supporting new training programs for employees; and developing new Total Maximum Daily Loads (TMDL) Action Plans for impaired streams related to the MS4 Permit requirements. Fifth, the increase will improve dam safety by supporting annual inspections of 19 state-regulated dams in the County and by developing Emergency Action Plans required by the state. The Emergency Action Plans will be updated annually and a new plan will be prepared for each dam every six years. In addition, these plans will include annual emergency drills and exercises, and flood monitoring for each dam. Finally, the increase will facilitate the maintaining, rehabilitating, and reinvesting in the County's conveyance system. The County's conveyance system includes 43,000 structures and 1,600 miles of pipes and paved channels, and it is valued at more than \$1 billion. The FY 2016 proposed rate of \$0.0250 per \$100 of assessed real estate value is consistent with the 5-year plan.

Stormwater staff annually evaluates funding required to meet the increasing federal and state regulatory requirements pertaining to the Municipal Separate Storm Sewer System (MS4) Permit requirements, and State and Federal mandates associated with controlling water pollution delivered to local streams and the Chesapeake Bay.

Capital Projects Overview

The FY 2016 levy of \$0.0250 will generate \$56,500,000, supporting \$19,623,379 for staff and operational costs; \$35,751,621 for capital project implementation including, infrastructure reinvestment, regulatory requirements, dam safety, and contributory funding requirements; and \$1,125,000 transferred to the General Fund to partially offset central support services such as Human Resources, Purchasing, Budget and other administrative services supported by the General Fund which benefit this fund.

In FY 2016, an amount of \$35,751,621 is included for Stormwater Services capital projects. Specific funding levels in FY 2016 include:

- ◆ Funding in the amount \$6,000,000 is included for the Stormwater Regulatory Program. The County is required by federal law to operate under the conditions of a state issued Municipal Separate Storm Sewer System (MS4) Permit. The MS4 Permit allows the County to discharge stormwater from its stormwater systems into state and federal waters. The County currently owns and/or operates approximately 7,000 piped outfalls within the stormwater system that are governed by the permit. The current permit was issued in 2002 and expired in 2007, and the County has been operating under a state issued administrative extension, while the state and the Environmental Protection Agency (EPA) agree to new permit requirements. A draft permit has been prepared for the County which indicates that significant enhancements to all facets of the program will be required. The permit requires the County to better document the stormwater management facility inventory, enhance public outreach and education efforts, increase water quality monitoring efforts, provide stormwater management and stormwater control training to all County employees, and thoroughly document all of these enhanced efforts. Staff is currently evaluating County programs to identify potential implementation targets and developing the procedures to implement these additional permit requirements. The permit also requires the county to implement stormwater retrofit projects that will reduce the nutrients and sediment delivered to the Chesapeake Bay in compliance with the Chesapeake Bay TMDL implementation plan adopted by the State.
- ◆ Funding in the amount of \$6,500,000 is included for Dam Safety and Facility Rehabilitation. There are currently more than 6,000 Stormwater management facilities in service that range in size from small rain gardens to large state regulated flood control dams. The County is responsible for inspecting both County owned and privately owned facilities and for maintaining County owned facilities. This inventory increases yearly and is projected to continually increase as new developments and redevelopment sites are required to install stormwater management controls. In addition, the County is required to provide a facility retrofit program to improve stormwater management controls on existing stormwater management facilities that were developed and constructed prior to current standards being in place. This program maintains the control structures and dams that control and treat the water flowing through County owned facilities. This initiative also includes the removal of sediment that occurs in both wet and dry stormwater management facilities to ensure that adequate capacity is maintained to treat the stormwater. The program results in approximately 25 retrofit projects annually that require redesign and construction management activities as well as contract management and maintenance responsibilities.
- ◆ Funding in the amount of \$6,000,000 is included for Conveyance System Rehabilitation. The County owns and operates approximately 1,600 miles of underground stormwater pipes and paved channels with an estimated replacement value of over one billion dollars. The County began performing internal inspections of the pipes in FY 2006. The initial results showed that more than 5 percent of the pipes were in complete failure and an additional 15 percent of them required immediate repair. Increased MS4 Permit regulations apply to these 1,600 miles of existing conveyance systems and 43,000 stormwater structures. Acceptable industry standards indicate that one dollar re-invested in

Capital Projects Overview

infrastructure saves seven dollars in the asset's life and \$70 dollars if asset failure occurs. The goal of this program is to inspect pipes on a 10-year cycle and rehabilitate pipes and paved channels before total failure occurs.

- ◆ Funding in the amount of \$15,279,699 is included for Stream and Water Quality Improvements. This program funds water quality projects necessary to mitigate the impacts to local streams and the Chesapeake Bay resulting from urban stormwater runoff. This includes water quality projects such as construction of stormwater management ponds, implementation of low impact development techniques on stormwater facilities, stream restorations, and approximately 1,700 water quality projects identified in the completed countywide Watershed Management Plans. In addition, Total Maximum Daily Load (TMDL) requirements for local streams and the Chesapeake Bay are the regulatory process by which pollutants entering impaired water bodies are reduced. The Chesapeake Bay TMDL was established by the EPA and requires that MS4 communities as well as other dischargers implement measures to significantly reduce the nitrogen, phosphorous and sediment loads entering waters draining to the Bay by 2025. Compliance with the Bay TMDL will require the County to undertake construction of new stormwater facilities, retrofit existing facilities and properties, and increase maintenance. Preliminary estimates indicate that the projects needed to bring the County's stormwater system into compliance with the Bay TMDL could cost between \$70 and \$90 million per year. The Bay TMDL pollutant reduction requirement is additive to the current design and construction efforts associated with 1,700 Watershed Plan projects and ongoing stream and flood mitigation projects.
- ◆ Funding in the amount of \$1,000,000 is included for the Emergency and Flood Control Program. This program supports flood control projects for unanticipated flooding events that impact storm systems and flood residential properties. The program will provide annual funding for scoping, design, and minor construction activities related to flood mitigation projects.
- ◆ Funding in the amount of \$371,247 is included for the Stormwater Allocations to Towns project. On April 18, 2012, the State Legislature passed SB 227 which entitles the Towns of Herndon and Vienna to all revenues collected within their boundaries by Fairfax County's stormwater service district. An agreement was developed for a coordinated program whereby the Towns will remain part of the County's service district and the County will return 25 percent of the revenue collected from properties within each town. This allows for services that towns provide independently such as maintenance and operation of stormwater pipes, manholes, and catch basins. The remaining 75 percent will remain with the County and the County will take on the responsibility for the Towns' Chesapeake Bay TMDL requirements as well as other TMDL and MS4 requirements. This provides for an approach that is based on watersheds rather than on jurisdictional lines.
- ◆ Lastly, FY 2016 funding of \$600,675 is included for County contributions. An amount of \$485,064 is provided for the Northern Virginia Soil and Water Conservation District (NVSWCD). The NVSWCD is an independent subdivision of the Commonwealth of Virginia that provides leadership in the conservation and protection of Fairfax County's soil and water resources. It is governed by a five-member Board of Directors, three of whom are elected every four years by the voters of Fairfax County and two who are appointed by the Virginia Soil and Water Conservation Board. Accordingly, the work of NVSWCD supports many of the environmental efforts set forth in the Board of Supervisors' Environmental Excellence 20-year Vision Plan. The goal of the NVSWCD is to continue to improve the quality of the environment and general welfare of the citizens of Fairfax County by providing them with a means of dealing with soil, water conservation and related natural resource problems. It provides County agencies with comprehensive environmental evaluations for

Capital Projects Overview

proposed land use changes with particular attention to the properties of soils, erosion potential, drainage and the impact on the surrounding environment. NVSWCD has consistently been able to create partnerships and leverage state, federal and private resources to benefit natural resources protection in Fairfax County. In addition, an amount of \$115,611 is provided for the Occoquan Watershed Monitoring Program (OWMP) to ensure that water quality is monitored and protected in the Occoquan Watershed. Given the many diverse uses of the land and water resources in the Occoquan Watershed (agriculture, urban residential development, commercial, and industrial activity, water supply, and wastewater disposal), the OWMP provides a critical role as the unbiased interpreter of basin water quality information.

The Penny for Affordable Housing Fund

Fund 30300, The Penny for Affordable Housing Fund, formerly known as the Housing Flexibility Fund, was established in FY 2006 and is designed to serve as a readily available local funding source with the flexibility to address emerging local affordable housing needs. For fiscal years 2006 through 2009, the Board of Supervisors dedicated revenue commensurate with the value of one cent from the Real Estate tax rate to the Preservation of Affordable Housing, a major County priority. In FY 2010, the Board of Supervisors reduced annual funding to the The Penny for Affordable Housing Fund by 50 percent in order to balance the FY 2010 budget. From FY 2006 through FY 2015, the fund has provided a total of \$170.9 million for affordable housing in Fairfax County; a total of \$16 million is provided in FY 2016.

Over the past years, a total of 2,701 affordable units have been preserved for both homeownership and rental purposes in a variety of large and small projects. Of that number, 252 units are preserved as affordable housing for periods of five years or less, and 2,449 units are preserved for 20 years or longer. A variety of funding sources were used to preserve these units; however, Fund 30300 funds were critical for the preservation efforts associated with several large multifamily complexes that were purchased by private nonprofits and for profit organizations, and which represent a significant portion of the units preserved: 130 units at Mount Vernon House in Alexandria (Mount Vernon District), 216 units in Madison Ridge in Centreville (Sully District), 148 units in Hollybrooke II and III in the Seven Corners area of Falls Church (Mason District), 90 units in Sunset Park Apartments in Falls Church (Mason District), 319 units in Janna Lee Villages in the Hybla Valley area (Lee District) and 105 units in Coralain Gardens located on Arlington Boulevard (Route 50) in Falls Church (Mason District). Fund 30300 was also instrumental in preserving two large complexes: 180 units at the Crescent apartment complex in Reston (Hunter Mill District) and 672 units at the Wedgewood Apartments complex in Annandale (Braddock District). These projects were purchased by the County and are being managed by the Fairfax County Redevelopment and Housing Authority as part of the low- and moderate-income rental program. Without the availability of Fund 30300, both of these apartment complexes may have been lost as affordable housing.

In FY 2016, Fund 30300 funding of \$16,033,900 is composed of \$11,300,000 in Real Estate Tax Revenue, \$4,318,400 in operating revenue from the Wedgewood Apartments, and \$415,500 in Affordable Housing Partnership Program loan repayments. FY 2016 funding is allocated as follows: \$5,753,888 for Wedgewood for the annual debt service, \$3,350,000 for Crescent Apartments for the annual debt service, \$6,647,512 for the Housing Blueprint Project, and \$282,500 for Affordable/Workforce Housing.

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Wastewater Management System

The Fairfax County Wastewater Management Program is operated, maintained, and managed within the Department of Public Works and Environmental Services (DPWES), and includes nearly 3,422 miles of sewer lines, 59 pumping stations, and 54 flow metering stations, covering approximately 234 square miles of the County's 407-square-mile land and water area. Treatment of wastewater generated is provided primarily through five regional wastewater collection and treatment plants. One of the five regional plants is the County owned and

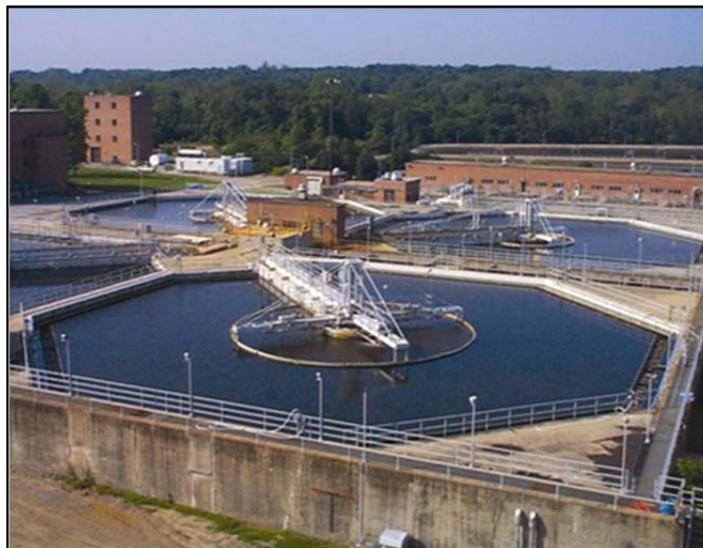


Photo of the Noman M. Cole Jr. Pollution Control Plant

operated Noman M. Cole, Jr. Pollution Control Plant (NCPCP), which is currently permitted to treat 67 million gallons per day (MGD) of flow. By agreement, other regional facilities include the Alexandria Renew Enterprises (AREnew) Treatment Plant, the Upper Occoquan Service Authority Plant, the District of Columbia Blue Plains Plant, Loudoun Water and the Arlington County Plant. Fairfax County utilizes all of these facilities to accommodate a total treatment capacity of 157 MGD.

The Chesapeake Bay water quality program requires reductions in the amount of nutrient pollutants discharged from wastewater treatment facilities. In December 2004, the state notified the County that the renewal of the County's National Pollutant Discharge Elimination System (NPDES) permit includes a requirement that nutrient removal be performed using "State of the Art" technology and meet a waste load allocation (cap) for the nitrogen and phosphorous nutrients. A phased approach has been under way to renovate and upgrade current plant facilities to accommodate these more stringent nutrient discharge requirements. In FY 2014, the operation of the new Moving Bed Biological Reactor facility for nutrient removal began at the County's Noman M. Cole plant to ensure compliance with the new regulations. Other regional plants serving the County are at various stages of upgrade for compliance with the new requirements. Total FY 2016 funding is \$99,389,000, including \$86,389,000 in Fund 69300 and \$13,000,000 in Fund 69310. Specific funding levels in FY 2016 include:

- ◆ Funding in the amount of \$16,950,000 is included for facility improvements to the DC Water's Blue Plains Treatment Plant to comply with nutrient discharge limits. Projects supporting the Enhanced Nitrogen Removal Program include, providing an additional 40 million gallons of new anoxic reactor capacity for nitrogen removal, a new post aeration facility, pump station, and other new facilities to store and feed methanol and alternative sources of carbon. Construction continues on this project and is scheduled to be completed in 2017. In addition, funding will also provide for the Clean Rivers Project to prevent combined storm and sanitary overflows during major storm events by storing the overflow in tunnels until the plant has capacity to fully treat the water. This project is currently under construction and is scheduled to be completed by summer 2016. The County is responsible for 31 mgd of the 370 mgd or 8.38 percent of capacity at the Blue Plains Treatment Plant.

Capital Projects Overview

- ◆ Funding in the amount of \$21,209,000 will fund the County's share of the upgrades to the Alexandria Renew Enterprises Treatment Plant (ARenew). Fairfax County is one of many jurisdictions which participate in the Joint Capital Improvement Program. Funding supports the design and construction of a State of the Art Nitrogen Upgrade Program (SANUP) for nitrogen removal. The SANUP will be completed in 6 phases to allow the spread of design and construction costs over an 8 year period. The long range plan was completed in 2008, and 2 of the 6 phases were completed in 2011; the remaining phases will be completed by 2016. FY 2016 funding is included for engineering design, construction management, landscape architecture and engineering services during construction to comply with the nutrient discharge limits. The County is responsible for 32.4 mgd of the 54 mgd or 60 percent of capacity at the Alexandria Renew Enterprises' Treatment Plant.
- ◆ Funding in the amount of \$3,000,000 is included to satisfy the annual appropriation requirement for the County's Extension and Improvement (E&I) Program as approved by the Board of Supervisors on April 12, 2011. This policy adjusts the Connection Charges such that the future cost of the E&I Program is shared equally between the County's Sewer Fund and the property owners seeking public sewer service, when the Health Department determines the properties' septic systems have failed.
- ◆ Funding in the amount of \$16,800,000 is provided for the systematic rehabilitation of the County's 3,412 miles of sanitary sewer lines. Rehabilitation includes, among other things, the use of trenchless technology to rehabilitate approximately 20 miles of sewer per year.
- ◆ Funding in the amount of \$2,260,000 is also included to complete the rehabilitation of the Dead Run, Accotink, Little Hunting Creek and Difficult Run force mains. In addition, there are nine other force mains scheduled to begin rehabilitation in FY 2016, including: Barcroft I, Barcroft II, Langley School, Mt. Vernon Terrance, Wellington I, Ravenwood, Springfield, Wayne Wood I, and Wayne Wood II.
- ◆ Funding in the amount of \$13,108,000 is included for the continuation of systematic rehabilitation of structures and equipment at the Noman M. Cole, Jr. Pollution Control Plant (NMCPCP). FY 2016 funding will provide for the rehabilitation and replacement of pumps, gates, and valves; rehabilitation of grit removal facilities; stormwater runoff improvements, and continuation of the rehabilitation of the motor control centers/distribution centers (MCC/DC) and raw wastewater pump station facility.
- ◆ Funding in the amount of \$8,111,000 is included for the regularly scheduled repair, renovation, and replacement of pumping station equipment and facilities throughout the County. There will be four pump stations in the design phase and three pump stations in the construction phase in FY 2016.
- ◆ Funding in the amount of \$775,000 is included for improvements at the Robert P. McMath Facility. The McMath Facility houses staff who support pump station operation and maintenance; collection system maintenance, inspections and metering; the Miss Utility Program, the Trouble Response Center and administrative staff to support field operations for the Wastewater Collection Division. FY 2016 funding is included to complete interior repairs such as interior lighting upgrades, HVAC improvements and additional energy conservation measures.
- ◆ Funding in the amount of \$100,000 is included for the planned replacement of sewer meters throughout the County. FY 2016 funding is provided for the continuation of replacing sewer meters used for measuring wastewater flow to and from other jurisdictions for billing and monitoring purposes as well as portable meters used in infiltration and inflow studies to measure wet weather flows.

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- ◆ Funding in the amount of \$576,000 is included for plant upgrades at the Arlington Wastewater Treatment Plant. This funding will support annual repair and rehabilitation work for various facilities as scheduled in Arlington County's Capital Improvement Program. The County is responsible for 3.0 of the 40 mgd or 7.5 percent of capacity at the Arlington Wastewater Treatment Plant.
- ◆ Funding in the amount of \$500,000 is included for the condition assessment of 166 segments of 8 to 15 inch gravity sewer lines and provides recommendations for the rehabilitation and/or replacement alternatives. FY 2016 funding will provide for phase one of this new program which includes condition assessment of the most critical segments.
- ◆ Funding in the amount of \$3,000,000 is included for the condition assessment of 49 miles of sewer lines with a diameter of 15 inches or larger and provides recommendations for the rehabilitation and/or replacement alternatives. FY 2016 funding in the amount of \$3,000,000 will provide for phase one of this new program which includes condition assessment of the most critical segments.
- ◆ Funding in the amount of \$13,000,000 is included in Fund 69310 to support the reinvestment in the Noman M. Cole, Jr. Pollution Control Plant in order to maintain regulatory compliance requirements as they pertain to the Clean Water Act, Chesapeake Bay Preservation Program and Title V of the Clean Air Act as enforced by the Virginia Department of Environmental Quality. The renovation program follows the plant's Master Plan to evaluate and prioritize projects.

County and Regional Transportation Projects Fund

Fund 40010, County and Regional Transportation Projects, supports the County's implementation of new transportation projects and is funded by the commercial and industrial real estate tax for transportation. This taxing authority was authorized under the Transportation Funding and Reform Act of 2007 (HB 3202), approved by the Virginia General Assembly on April 4, 2007, and implemented by the Board of Supervisors as part of the FY 2009 Adopted Budget Plan. This revenue helps accelerate the County's implementation of roadway, transit and pedestrian projects.

HB 3202 allows localities to assess a tax on the value of commercial and industrial real estate and to use the proceeds on new transportation improvements. The County's FY 2016 rate is recommended to remain at 12.5 cents which is the maximum rate allowed per state code, which will generate approximately \$52.7 million in revenue for FY 2016. This estimate is based on current projections in the commercial real estate market. Funding from BH 3202 in the amount of \$52.7 million has been budgeted in a Construction Reserve and will be allocated to specific projects

In addition, on April 3, 2013, the Virginia General Assembly approved HB 2313, a transportation funding package. The bill included regional components for planning districts that meet certain thresholds (population, registered vehicles, and transit ridership). Northern Virginia meets these criteria for the imposition of certain taxes, and HB 2313 is expected to generate approximately \$290 million per year for transportation projects in the region. The bill mandates that 70 percent of this regional funding be allocated by the Northern Virginia Transportation Authority (NVTA), with the remaining 30 percent provided to the individual localities embraced within NVTA for their determination. Fairfax County's local share of HB 2313 funds is projected to be \$38.2 million in FY 2016.

Of the total FY 2016 funding an amount of \$56.8 million is dedicated to capital projects. Funding is budgeted in the Construction Reserve and will be allocated to specific projects as required.

Capital Projects Overview

Other Financing

Funding in the amount of \$25,463,338 includes \$1,300,000 that is associated with projects discussed above including \$200,000 in developer default revenues and \$1,100,000 in athletic services fees. The remaining \$24,163,338 supports various other projects financed by other sources of revenue. Specific funding levels in FY 2016 include:

Housing:

- ◆ Funding of \$74,513 is included for the Undesignated Housing Trust Fund project for reallocation to specific projects when identified and approved by both the Fairfax County Redevelopment and Housing Authority (FCRHA) and Board of Supervisors during FY 2016.
- ◆ Funding in the amount of \$505,878 is included for the Land/Unit Acquisition project for reallocation to specific projects when identified and approved by both the Fairfax County Redevelopment and Housing Authority (FCRHA) and Board of Supervisors during FY 2016.

Other:

- ◆ Funding in the amount of \$647,000 is included for the replacement of the Reston Community Center backstage HVAC unit, replacement of the Center Stage theatre roof sections, replacement of the Hunters Woods front building area, and replacement of light fixtures.
- ◆ Funding in the amount of \$1,783,161 is included for capital improvements at the McLean Community Center which include \$1,388,161 to support various facets of the renovation project; \$150,000 to support HVAC replacement in the theatre balcony; \$175,000 to update signage throughout the facility; and \$70,000 for the design and construction of the Teen Center restrooms to comply with Americans with Disabilities Act requirements.
- ◆ Funding in the amount of \$21,152,786 is included for various school construction projects financed from a state construction grant, Parent Teachers Association/Parent Teacher Organization receipts, and transfers from Fund S31000, Public School Construction Fund. For more details, see the [Fairfax County Public School's FY 2016 Superintendent's Proposed Budget](#).

Capital Construction and Operating Expenditure Interaction

To maintain a balanced budget, annual revenues are projected and operating and capital construction expenditures are identified to determine the County's overall requirements and funding availability. Funding levels for capital construction projects are based on the merits of a particular project together with the available funding from all financing sources, with primary reliance on General Obligation bonds. The Board of Supervisors annually reviews cash requirements for capital project financing.

The County's capital program has a direct impact on the operating budget, particularly in association with the establishment and opening of new facilities. The Board of Supervisors continues to be cognizant of the effect of the completion of capital projects on the County's operating budget. The cost of operating new or expanded facilities or infrastructure is included in the fiscal year the facility becomes operational. However, in some cases, like the construction of the expanded and renovated Courthouse, the operating impact may be absorbed gradually over several years. For example, costs associated with loose and systems furniture, moving expenses, providing for additional security and staffing, renovating existing courtrooms, implementing new courtroom technology, and setting up an Operations and Maintenance satellite shop with staff dedicated to the courthouse facility are all costs that can be phased in over time,

Capital Projects Overview

thus spreading the operating impact over a number of years, rather than concentrating costs in the fiscal year the facility opens.

Capital projects can affect future operating budgets either positively or negatively due to an increase or decrease in maintenance costs, or by providing capacity for new programs or services. Such impacts vary widely from project to project and, as such, are evaluated individually. Operating costs resulting from the completion of a capital project differ greatly depending on the type of capital project and construction delays. A new facility, for example, will often require additional staff, an increase in utility costs, and increases in custodial, security and maintenance contracts. Conversely, a capital project that renovates an existing facility may reduce operating expenditures due to a decrease in necessary maintenance costs. For example, funding HVAC and electrical system repair or replacement projects has the potential to reduce operating expenditures by reducing costly maintenance and staff time spent addressing critical system repairs. The same is true for projects such as fire alarms, emergency generators, and carpet replacement, as well as roof repairs. Investing in aging and deteriorating building systems and components can alleviate the need for future expenditures, often resulting in significant cost avoidance. Additionally, if a system failure should occur, there is the potential that a County facility must shut down, suspending services to citizens and disrupting County business. The County's emphasis on capital renewal and preventative maintenance works to ensure these kinds of interruptions are avoided.

The opening of new County facilities results in the widest range of operating costs. For example, equipment and furniture, a book buy, additional staff, and an increase in utility costs may all be necessary to prepare for the opening of a new library or extensive library expansion/renovation. These costs are estimated as the project is developed and included in the appropriate agency budget in the year the facility becomes operational. In the FY 2016 timeframe, a number of new facilities such as Herndon Fire Station, Lincolnia Senior Center, and Pohick Regional Library will be completed. These new facilities will require additional operating funds for the Facilities Management Department, including funding for utilities, custodial services, grounds maintenance, and repairs. In FY 2016 full year operational costs have been included for the following facilities: Fire and Rescue Training Academy Renovation and Expansion (Phase II), McLean Police Station Renovation and Expansion, Providence Community Center, Reston Police Station Renovation, Merrifield Human Services (Mid-County), Woodrow Wilson Community Library Renovation and Expansion, and Herndon Fire Station Renovation and Expansion.

New, Renovated, or Expanded County Facilities in FY 2016

Facility	Fiscal Year Completion	Additional Positions	Estimated Net Operating Costs
FY 2016 New, Renovated, or Expanded Facilities			
Facilities Management Department (FMD) Operational Costs for New Facilities	FY 2016	0/0.0 FTE	\$477,503
Total FY 2016 Costs		0/0.0 FTE	\$477,503

Capital Projects Overview

The following facilities are scheduled to open in FY 2016 or later and may require additional staffing and operating costs beginning in FY 2017. Requests for funding will be reviewed as part of the development of the annual budget in the year the facility becomes operational.

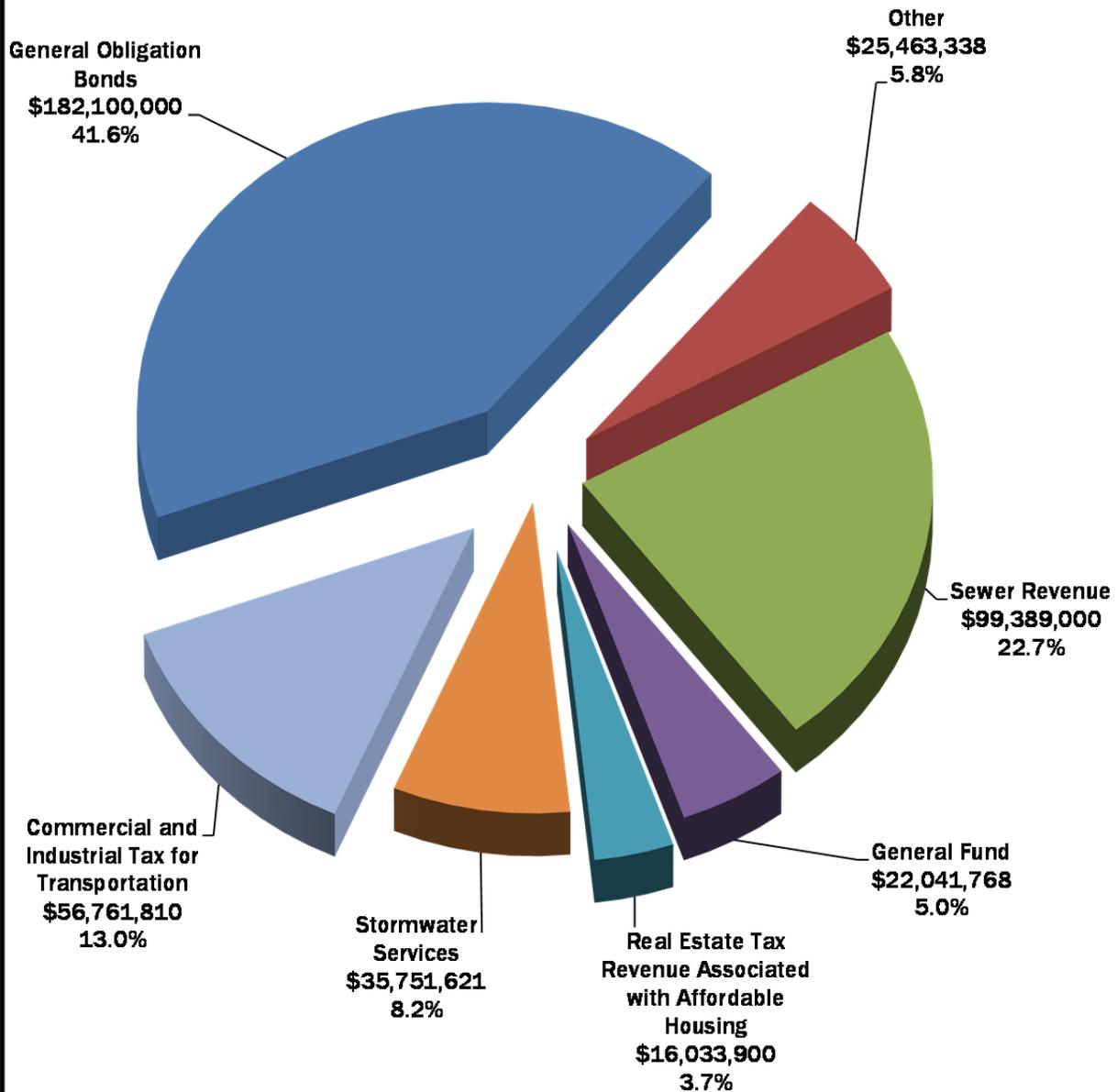
Facility	Fiscal Year Completion
Herndon Fire Station	FY 2016
Lincolnia Senior Center	FY 2016
Pohick Regional Library	FY 2016
Huntington Bus Operations Facility	FY 2017
Public Safety Headquarters	FY 2017
Tysons Pimmit Regional Library	FY 2017
West Ox Bus Operations Center Phase II	FY 2017
Courtroom Renovations	FY 2018
Herndon Parking Garage	FY 2018
Innovation Center Station	FY 2018
John Marshall Community Library	FY 2018
Lewinsville Redevelopment	FY 2018
McLean Community Center Renovation	FY 2018
Reston-Herndon Bus Operations Facility Renovations	FY 2018
Reston Regional Library	FY 2018
Huntington Levee	FY 2019
Jefferson Fire Station	FY 2019
Lorton Fire Station	FY 2019
East County Human Services Center	TBD
Springfield Multi-Use Transit Hub	TBD

Summary of FY 2016 Capital Construction Program

Major segments of the County's FY 2016 Capital Construction Program are presented in several pie charts that follow to visually demonstrate the funding sources for capital expenditures. Capital construction expenditures by fund are shown in the Summary Schedule of FY 2016 Funded Capital Projects. In addition, a list of all projects funded in FY 2016 and their funding sources has been included in this section. For additional information, see the Capital Project Funds section of the Capital Construction and Other Operating Funds in Volume 2. Detailed information concerning capital projects in Fund S31000, Public School Construction, can be found in the [Fairfax County Public School's FY 2016 Superintendent's Proposed Budget](#).

Capital Projects Overview

CAPITAL CONSTRUCTION PROJECTS FY 2016 SOURCE OF FUNDS

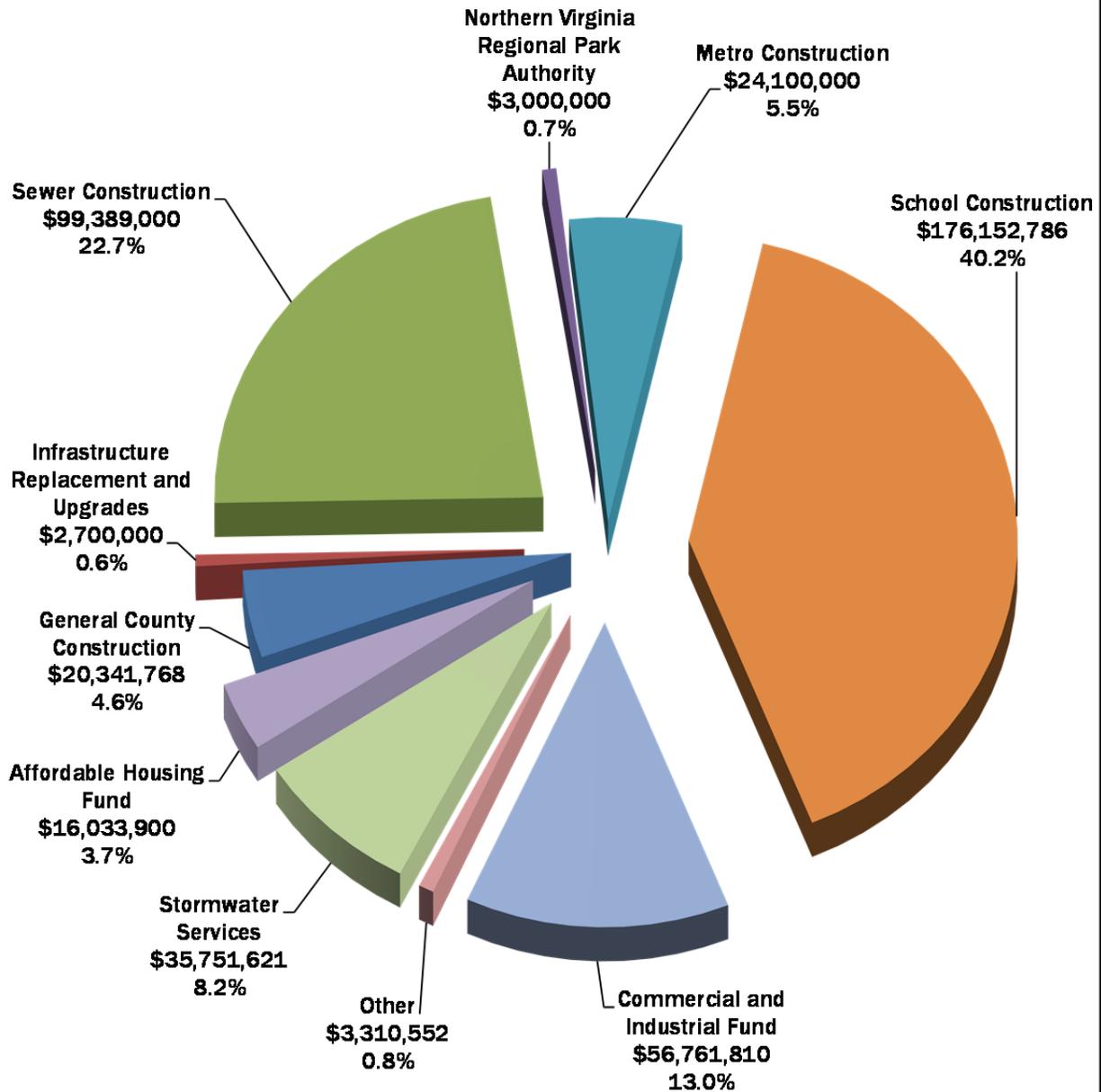


TOTAL = \$437,541,437

NOTE: This chart does not include debt service funding.

Capital Projects Overview

CAPITAL CONSTRUCTION PROJECTS FY 2016 EXPENDITURES

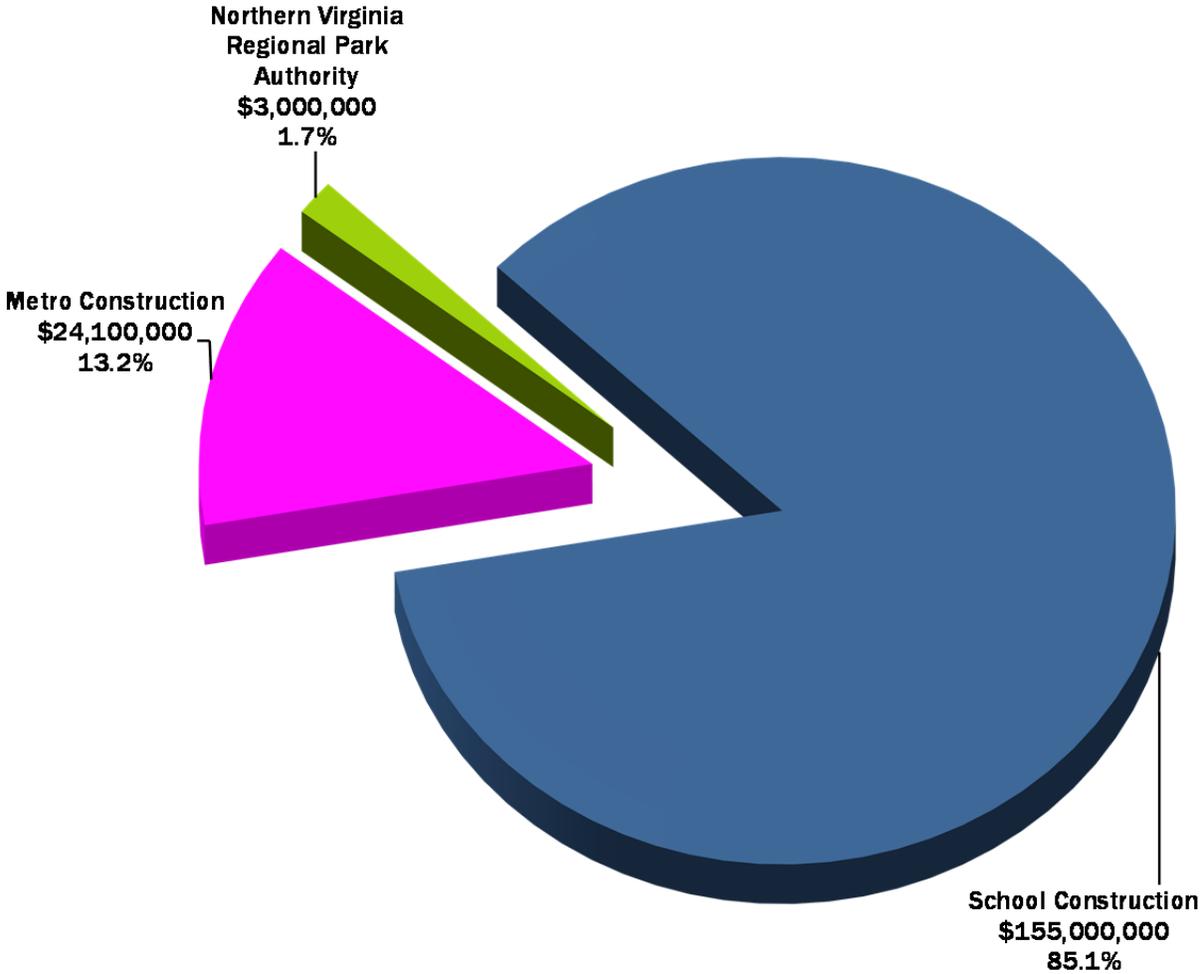


TOTAL = \$437,541,437

NOTE: This chart does not include debt service funding.

Capital Projects Overview

GENERAL OBLIGATION BOND FINANCED CAPITAL PROJECTS FY 2016 EXPENDITURES



TOTAL = \$182,100,000

**SUMMARY SCHEDULE OF FY 2016
FUNDED CAPITAL PROJECTS**

EXPENDITURES

FY 2016 FINANCING

Fund/Title	FY 2014 Actual	FY 2015 Adopted Budget Plan	FY 2015 Revised Budget Plan	FY 2016 Advertised Budget Plan	General Obligation Bonds ¹	General Fund	Federal/ State Aid	Other ²
SPECIAL REVENUE FUNDS³								
40000 County Transit Systems	\$3,098,580	\$0	\$8,839,722	\$0	\$0	\$0	\$0	\$0
40010 County and Regional Transportation Projects	11,038,527	59,892,152	269,108,292	56,761,810	0	0	0	56,761,810
40050 Reston Community Center	198,579	130,000	503,148	647,000	0	0	0	647,000
40060 McLean Community Center	953,214	804,739	1,152,487	1,783,161	0	0	0	1,783,161
40100 Stormwater Services ⁴	31,788,172	29,961,954	82,937,315	35,751,621	0	0	0	35,751,621
40140 Refuse Collection and Recycling	93,188	0	1,014,324	0	0	0	0	0
40150 Refuse Disposal	97,200	1,000,000	3,143,764	0	0	0	0	0
40170 I-95 Refuse Disposal	322,768	1,000,000	8,949,536	0	0	0	0	0
40300 Housing Trust Fund	1,146,726	639,972	6,184,391	580,391	0	0	0	580,391
Subtotal	\$48,736,954	\$93,428,817	\$381,832,979	\$95,523,983	\$0	\$0	\$0	\$95,523,983
DEBT SERVICE FUNDS								
20000 Consolidated County and Schools Debt Service Fund	\$295,655,952	\$316,009,005	\$328,794,093	\$321,900,342	\$0	\$314,950,772	\$0	\$6,949,570
Subtotal	\$295,655,952	\$316,009,005	\$328,794,093	\$321,900,342	\$0	\$314,950,772	\$0	\$6,949,570
CAPITAL PROJECTS FUNDS								
30000 Metro Operations and Construction ⁵	\$26,742,267	\$26,800,000	\$32,674,018	\$24,100,000	\$24,100,000	\$0	\$0	\$0
30010 County Construction and Contributions	35,466,670	23,183,981	106,844,505	23,341,768	3,000,000	19,041,768	0	1,300,000
30020 Infrastructure Replacement and Upgrades	14,293,288	2,700,000	25,260,795	2,700,000	0	2,700,000	0	0
30030 Library Construction	1,373,701	0	37,737,139	0	0	0	0	0
30040 Contributed Roadway Improvement Fund	1,703,050	0	35,813,352	0	0	0	0	0
30060 Pedestrian Walkway Improvements	835,185	300,000	3,720,868	300,000	0	300,000	0	0
30070 Public Safety Construction	30,327,307	0	243,582,982	0	0	0	0	0
30080 Commercial Revitalization Program	415,375	0	2,405,474	0	0	0	0	0
30090 Pro Rata Share Drainage Construction	4,076,265	0	4,933,986	0	0	0	0	0
30310 Housing Assistance Program	132,489	0	6,698,527	0	0	0	0	0
30300 The Penny for Affordable Housing Fund	14,572,947	16,478,400	42,351,662	16,033,900	0	0	0	16,033,900
30400 Park Authority Bond Construction	18,617,579	0	79,558,020	0	0	0	0	0
S31000 Public School Construction ⁶	208,478,379	162,724,928	521,900,277	176,152,786	155,000,000	0	0	21,152,786
Subtotal	\$357,034,502	\$232,187,309	\$1,143,481,605	\$242,628,454	\$182,100,000	\$22,041,768	\$0	\$38,486,686

**SUMMARY SCHEDULE OF FY 2016
FUNDED CAPITAL PROJECTS**

EXPENDITURES

FY 2016 FINANCING

Fund/Title	FY 2014 Actual	FY 2015 Adopted Budget Plan	FY 2015 Revised Budget Plan	FY 2016 Advertised Budget Plan	General Obligation Bonds ¹	General Fund	Federal/ State Aid	Other ²
ENTERPRISE FUNDS								
69300 Sewer Construction Improvements	\$83,077,624	\$83,693,176	\$119,923,788	\$86,389,000	\$0	\$0	\$0	\$86,389,000
69310 Sewer Bond Construction	36,933,562	0	31,510,145	13,000,000	0	0	0	13,000,000
Subtotal	\$120,011,186	\$83,693,176	\$151,433,933	\$99,389,000	\$0	\$0	\$0	\$99,389,000
TOTAL	\$821,438,594	\$725,318,307	\$2,005,542,610	\$759,441,779	\$182,100,000	\$336,992,540	\$0	\$240,349,239

¹ The sale of bonds is presented here for planning purposes. Actual bond sales are based on cash needs in accordance with Board policy.

² Other financing includes developer contributions and payments, sewer system revenues, transfers from other funds, pro rata deposits, special revenue funds, and fund balances.

³ Reflects the capital construction portion of total expenditures.

⁴ As part of the FY 2010 Adopted Budget Plan, a service district was created to support stormwater management operating and capital requirements, as authorized by Code of Virginia Ann. sections 15.2-2400.

⁵ Reflects capital construction portion of Metro expenses net of State Aid.

⁶ FY 2016 includes an anticipated transfer of \$13.1 million from the County as recommended by the Infrastructure Financing Committee (IFC). This transfer has not been included in the FY 2016 Advertised Budget Plan due to fiscal constraints.

FY 2016 FUNDED CAPITAL PROJECTS
(For additional information see referenced Fund narratives)

FY 2016 Advertised Budget Plan (Includes the FY 2016 - FY 2017 Multi-Year Plan): Overview - 205

Fund	Project Name	Project	FY 2016 Advertised Total	General Fund (Paydown)	General Obligation Bonds	Athletic Services Fee	Sewer Revenues	Stormwater Revenues	Penny for Affordable Housing	Commercial and Industrial Revenues	Other Revenues
30000	Metro Operations and Construction Contribution	N/A	\$24,100,000		\$24,100,000						
30010	ADA Compliance - FMD	GF-000001	\$2,224,750	\$2,224,750							
30010	ADA Compliance - Park Authority	PR-000083	\$1,840,000	\$1,840,000							
30010	Athletic Fields - APRT Amenity Maintenance	2G79-220-000	\$50,000	\$50,000							
30010	Athletic Field Maintenance	2G51-002-000	\$2,700,000	\$2,700,000							
30010	Athletic Services Fee - Turf Field Development	PR-000080	\$200,000			\$200,000					
30010	Athletic Services Fee - Custodial Support	2G79-219-000	\$275,000			\$275,000					
30010	Athletic Services Fee - Diamond Field Maintenance	2G51-003-000	\$1,000,000	\$750,000		\$250,000					
30010	Athletic Services Fee - Sports Scholarships	2G79-221-000	\$150,000	\$75,000		\$75,000					
30010	Athletic Services Fee - Turf Field Replacement	PR-000097	\$1,250,000	\$950,000		\$300,000					
30010	Developer Defaults	2G25-020-000	\$300,000	\$100,000							\$200,000
30010	EIP - Energy Education and Outreach	2G02-021-000	\$150,000	\$150,000							
30010	EIP - Environmental Initiatives	2G02-001-000	\$105,000	\$105,000							
30010	EIP - Invasive Plant Removal	2G51-032-000	\$150,000	\$150,000							
30010	EIP - Park Lighting and Energy Retrofits	2G51-034-000	\$130,000	\$130,000							
30010	Emergency Directive Program	2G25-018-000	\$100,000	\$100,000							
30010	Reinvestment, Repair, and Emergency Maintenance of County Roads	2G25-021-000	\$150,000	\$150,000							
30010	Athletic Fields - FCPS Lighting	PR-000082	\$250,000	\$250,000							
30010	Laurel Hill Development - FMD	2G08-001-000	\$765,000	\$765,000							
30010	Laurel Hill Development - Parks	2G51-008-000	\$319,735	\$319,735							
30010	Revitalization Maintenance - CRP Areas	2G25-014-000	\$750,000	\$750,000							
30010	Revitalization Maintenance - Tysons	2G25-088-000	\$460,000	\$460,000							
30010	NOVA Community College Contribution	2G25-013-000	\$2,513,018	\$2,513,018							
30010	NVRPA Contribution	2G06-003-000	\$3,000,000		\$3,000,000						
30010	Parks - Facility/Equipment Maintenance	2G51-007-000	\$470,000	\$470,000							
30010	Athletic Fields - Park Maintenance at FCPS	2G51-001-000	\$860,338	\$860,338							
30010	Parks - General Maintenance	2G51-005-000	\$425,000	\$425,000							
30010	Parks - Ground Maintenance	2G51-006-000	\$787,076	\$787,076							
30010	Salona Property Payment	2G06-001-000	\$916,851	\$916,851							
30010	School-Aged Child Care Contribution	2G25-012-000	\$1,000,000	\$1,000,000							
30010	Survey Control Network Monumentation	2G25-019-000	\$50,000	\$50,000							
30020	Electrical System Upgrades and Replacements	GF-000017	\$550,000	\$550,000							
30020	Elevator/Escalator Replacement	GF-000013	\$112,000	\$112,000							
30020	Emergency Building Repairs	GF-000008	\$130,000	\$130,000							
30020	Fire Alarm System Replacement	GF-000009	\$96,000	\$96,000							
30020	HVAC System Upgrades and Replacement	GF-000011	\$1,215,000	\$1,215,000							
30020	Roof Repairs and Waterproofing	GF-000010	\$597,000	\$597,000							

FY 2016 FUNDED CAPITAL PROJECTS
(For additional information see referenced Fund narratives)

FY 2016 Advertised Budget Plan (Includes the FY 2016 - FY 2017 Multi-Year Plan): Overview - 206

Fund	Project Name	Project	FY 2016 Advertised Total	General Fund (Paydown)	General Obligation Bonds	Athletic Services Fee	Sewer Revenues	Stormwater Revenues	Penny for Affordable Housing	Commercial and Industrial Revenues	Other Revenues
30060	Emergency Maintenance of Existing Trails	2G25-057-000	\$300,000	\$300,000							
30300	Affordable/Workforce Housing	2H38-072-000	\$282,500						\$282,500		
30300	Crescent Apartments Debt Service	2H38-075-000	\$3,350,000						\$3,350,000		
30300	Housing Blueprint Project	2H38-180-000	\$6,647,512						\$6,647,512		
30300	Wedgewood Debt Service	2H38-081-000	\$5,753,888						\$5,753,888		
40010	Construction Reserve	2G40-001-000	\$56,761,810							\$56,761,810	
40050	Reston Com. Center-Center Stage Theatre Enhancements	CC-000008	\$647,000								\$647,000
40060	McLean Community Center Improvements	CC-000006	\$1,783,161								\$1,783,161
40100	Conveyance System Rehabilitation	SD-000034	\$6,000,000					\$6,000,000			
40100	Dam Safety and Facility Rehabilitation	SD-000033	\$6,500,000					\$6,500,000			
40100	Emergency and Flood Response Projects	SD-000032	\$1,000,000					\$1,000,000			
40100	NVSWD Contributory	2G25-007-000	\$485,064					\$485,064			
40100	Occoquan Monitoring Contributory	2G25-008-000	\$115,611					\$115,611			
40100	Stormwater Allocation to Towns	2G25-027-000	\$371,247					\$371,247			
40100	Stormwater Regulatory Program	2G25-006-000	\$6,000,000					\$6,000,000			
40100	Stream and Water Quality Improvements	SD-000031	\$15,279,699					\$15,279,699			
40300	Land/Unit Acquisition	2H38-066-000	\$505,878								\$505,878
40300	Undesignated Housing Trust Fund	2H38-060-000	\$74,513								\$74,513
69300	Alexandria WWTP Upgrades and Rehabilitation	WW-000021	\$21,209,000				\$21,209,000				
69300	Arlington WWTP Rehabilitation	WW-000020	\$576,000				\$576,000				
69300	Blue Plains WWTP Upgrades and Rehabilitation	WW-000022	\$16,950,000				\$16,950,000				
69300	Collection System Replacement and Rehabilitation	WW-000007	\$16,800,000				\$16,800,000				
69300	Extension and Improvement Projects	WW-000006	\$3,000,000				\$3,000,000				
69300	Force Main Rehabilitation	WW-000008	\$2,260,000				\$2,260,000				
69300	Integrated Sewer Metering	WW-000005	\$100,000				\$100,000				
69300	Large Diameter Pipe Rehabilitation and Replacement	WW-000026	\$3,000,000				\$3,000,000				
69300	Noman Cole Treatment Plant Renewal	WW-000009	\$13,108,000				\$13,108,000				
69300	Pumping Station Rehabilitation	WW-000001	\$8,111,000				\$8,111,000				
69300	Robert P. McMath Facility Improvements	WW-000004	\$775,000				\$775,000				
69300	Sewer Sag Program	WW-000024	\$500,000				\$500,000				
69310	Noman Cole Treatment Plant Renovations	WW-000017	\$13,000,000				\$13,000,000				
S31000	Public School Construction	N/A	\$176,152,786		\$155,000,000						\$21,152,786
	Total		\$437,541,437	\$22,041,768	\$182,100,000	\$1,100,000	\$99,389,000	\$35,751,621	\$16,033,900	\$56,761,810	\$24,363,338