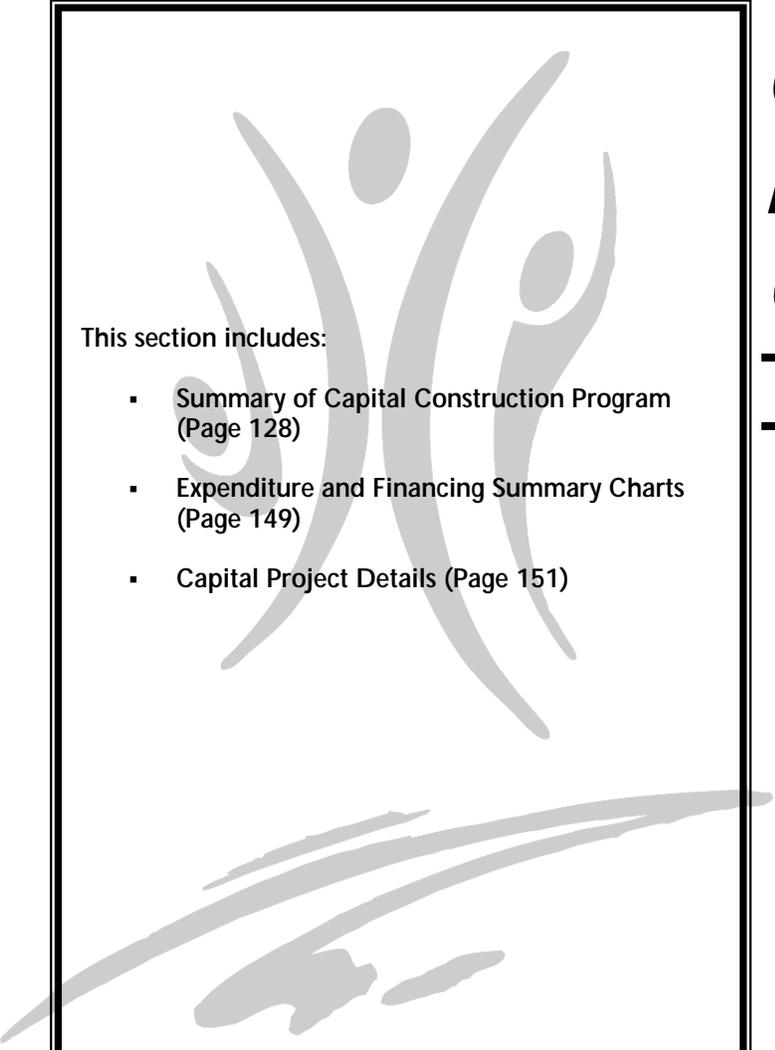


County of Fairfax, Virginia

Capital Projects Overview

This section includes:

- Summary of Capital Construction Program (Page 128)
- Expenditure and Financing Summary Charts (Page 149)
- Capital Project Details (Page 151)



FY 2009
Advertised Budget Plan

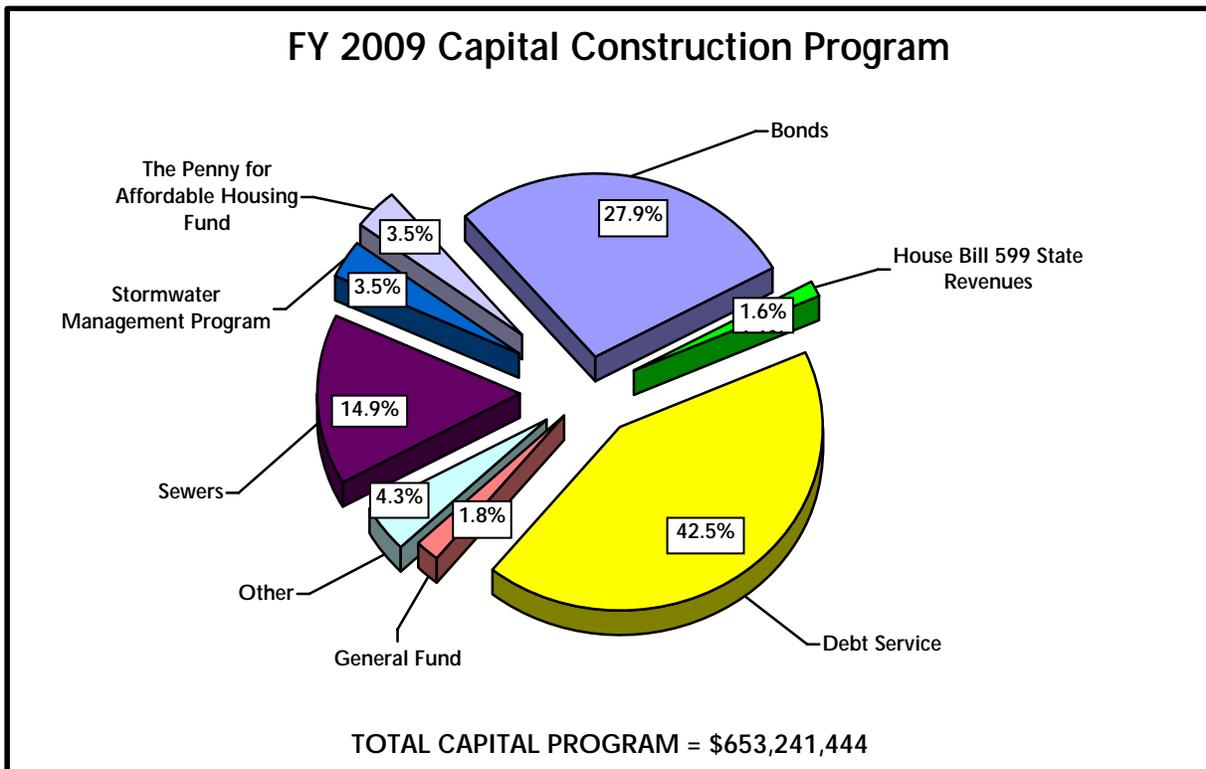
Capital Projects Overview

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: School construction of both new and renovated school facilities, park facilities, primary and secondary roadways, libraries, trails/sidewalks, fire stations, government centers with police substations, stormwater management, athletic field maintenance and the renovation/maintenance of County facilities. In addition, the Capital Construction Program includes the construction of housing units to provide affordable housing opportunities to citizens, neighborhood improvements to older County neighborhoods, and commercial revitalization initiatives for specific commercial centers identified throughout the County.

Funding in the amount of \$653,241,444 is included in FY 2009 for the County's Capital Construction Program. Of this amount, \$277,765,785 is included for debt service and \$375,475,659 is included for capital expenditures. The source of funding for capital expenditures includes: \$11,844,411 in General Fund monies, \$182,471,764 in General Obligation Bonds, \$97,500,000 in sewer system revenues, \$10,214,656 in House Bill 599 state revenues, \$45,600,000 in Real Estate revenues supporting the value of the penny for Stormwater Management and Affordable Housing programs, and \$27,844,828 in financing from various other sources. Other sources of financing include transfers from other funds, user fees, developer contributions and payments, and miscellaneous revenues.

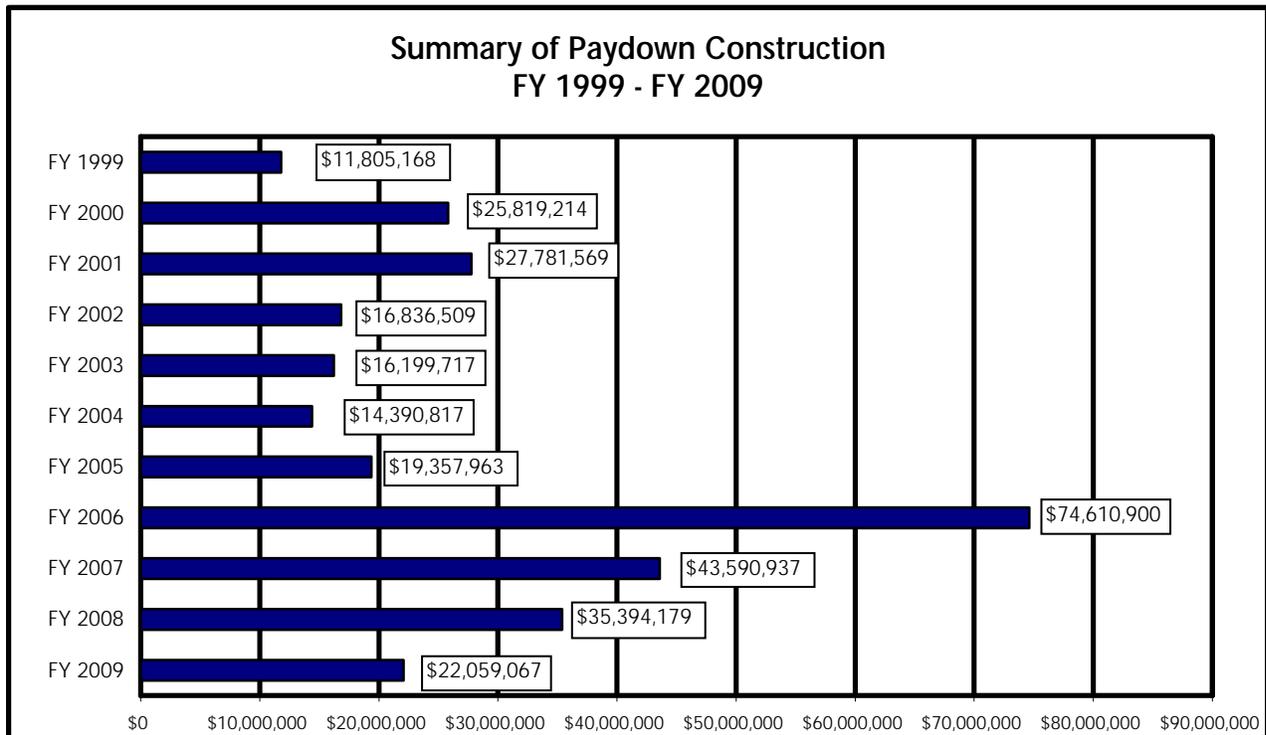


Capital Projects Overview

Capital Paydown Program

In FY 2009, an amount of \$22,059,067 has been included for the Capital Paydown Program. This funding level is supported by the General Fund in the amount of \$11,844,411 and the application of House Bill 599 state revenues in the amount of \$10,214,656. In recent years the paydown construction program had been constrained based on budget limitations. In FY 2006 however, the paydown construction program grew substantially over previous years. This dramatic increase was primarily attributed to several major projects that were funded with General Fund dollars. These included \$15 million for the McConnell Public Safety and Transportation Operations Center (MPSTOC), and an amount of \$35.8 million which represented the "Penny for Affordable Housing", and the County's Stormwater Management Program. Beginning in FY 2007, the Penny for Affordable Housing and Stormwater Management are reflected as revenue from the Real Estate tax and not included in the paydown level. This change allowed the paydown total to more accurately reflect General Fund dollars dedicated to the County's capital construction program.

The FY 2009 Advertised Budget Plan paydown program of \$22.0 million represents 0.66 percent of General Fund disbursements. It reflects a decrease from the FY 2008 Adopted Budget Plan of \$13,335,112 due to one-time project funding not required in FY 2009 and a reduction in funding due to budget constraints. One time projects funded in FY 2008 and not required in FY 2009 included: funding for operational requirements associated with the opening of the McConnell Public Safety Transportation and Operations Center (MPSTOC), upgrades to the County's Data Center, loose furniture and phone systems associated with the opening of the expanded Courthouse, and other one time capital projects. Due to budget constraints, reductions to a variety of projects have been necessary in FY 2009, including support for the development of Laurel Hill, capital renewal requirements, and additional courtroom renovations. In addition, no funding has been included in FY 2009 for the County's land acquisition reserve and other capital projects and programs remain unfunded.



This graph depicts the level of paydown funding between FY 1999 and FY 2009. Since FY 2000, the paydown program has been enhanced by the application of House Bill 599 state revenue funds; and paydown funding between FY 2000 and FY 2005 remained at a consistent annual level. As previously mentioned, the FY 2006 paydown amount reflected several large initiatives. Beginning in FY 2007 a decrease in annual paydown funding has occurred and funding for only the most critical projects has been included. FY 2009 paydown funding enables the County to fund the most critical capital renewal projects, operational

Capital Projects Overview

requirements associated with development at Laurel Hill, continue the County's park and school athletic field maintenance programs, required payments and obligations, and other critical priorities.

County Capital Renewal

FY 2009 funding in the amount of \$6,924,321 has been included for County capital renewal projects. Funding is supported by the allocation of House Bill 599 state revenues. This funding is a decrease of \$15 million over the funding level provided for capital renewal in FY 2008. This is due in part to the passage of the fall 2006 Public Safety Bond Referendum in the amount of \$14 million to finance capital renewal and improvements at public safety facilities including major building systems and equipment at these facilities. The FY 2009 funding level represents the County's continuing commitment to maintaining County-owned facilities. Capital renewal includes the annual work necessary to ensure that capital investment does not deteriorate and remains in a usable state. As with any maintenance program, sufficient attention is required to avoid increased project costs in the future. As long-term maintenance and renovation costs are difficult to project, they are not included in the initial costs of capital projects; however, they are essential to the service life and level of service provided by a facility. Continued funding of capital renewal is included in the County's Paydown Program to protect and extend the life of County facilities. County requirements are generated through scheduled preventative maintenance or from facility assessments.

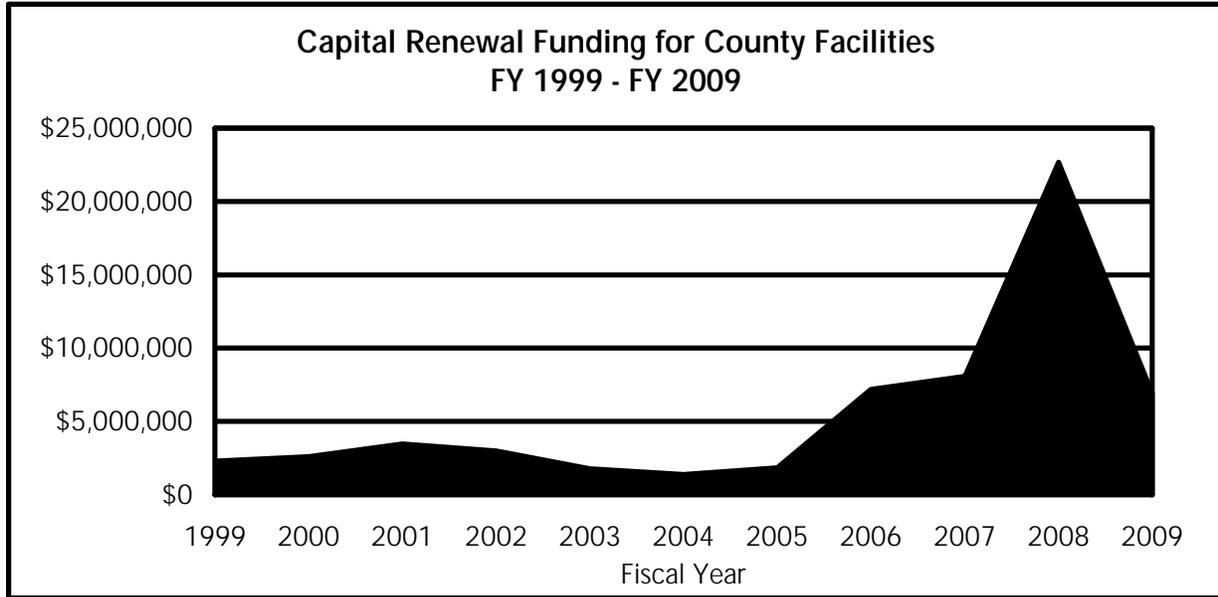
In order to better define the County's capital renewal needs, a comprehensive facilities condition assessment was conducted on 92 selected Fairfax County facilities (approximately 4.2 million square feet of space), representative of older facilities anticipated to have the most capital renewal requirements in the near future. The assessment included a complete visual inspection of roofs and all mechanical and electrical components for each facility. Maintenance and repair deficiencies were identified, as well as funding requirements identified. The results indicated a multi-million investment requirement over time. Specifically, the facility condition assessment indicated an estimated total of \$80 million will be needed through 2010 to repair facilities and meet expected repair and equipment replacement needs. The Facilities Management Department (FMD) prioritized the comprehensive facility assessment lists and classified projects into five categories. Projects were 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 imminent 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. Funding is included in Fund 317, Capital Renewal Construction, in FY 2009 to address projects in category F, those that present safety concerns or where critical systems are in danger of possible failure.

Specific funding levels in FY 2009 include:

- ◆ Funded general maintenance projects include: HVAC/electrical replacement at various County facilities (\$3,875,000), and fire alarm replacement (\$1,020,000).
- ◆ An amount of \$1,709,321 provides for the emergency elevator replacement program. This program was established to address the replacement of elevators that have outlived their useful life and are experiencing frequent breakdowns. FY 2009 funding is included to begin to replace obsolete elevator components installed in the 18 year old system at the Government Center (\$1,339,321), and replace the 36 year old system for one elevator at the Historic Courthouse which is used by the public (\$370,000). Funding supports replacement of the elevator equipment, architectural and engineering costs, and installation and modification of related systems. This new elevator equipment will satisfy all current code requirements for elevator safety devices.
- ◆ The annual generator replacement program has been funded in FY 2009 in the amount of \$320,000. This program provides a funding mechanism to replace generators in the fiscal years in which the generator reaches its useful life of 25 years. FY 2009 funding provides for the replacement of the generators at Bailey's Fire Station (\$80,000), the Criminal Justice Academy (\$80,000), the Gum Springs Community Center (\$80,000), and the Mt. Vernon Fire Station (\$80,000).

Capital Projects Overview

The following chart depicts capital renewal funding between FY 1999 and FY 2009, including roof repairs, HVAC replacement, carpet replacement, parking lot and garage repairs, fire alarm system replacements, generator replacement, emergency building repairs, as well as bond funding specifically dedicated for renewal efforts. The increase shown in FY 2006 is primarily attributed to \$5 million in bond funding for capital renewal included for human services and juvenile facilities. Capital renewal funding for County facilities continues to increase in FY 2008 with the passage of the fall 2006 Public Safety Bond Referendum where voters approved \$14 million in bond funding for Public Safety and Court Facility capital renewal projects. The FY 2009 funding level represents a more level commitment to funding critical capital renewal projects, as well as preventative maintenance, in order to address those items identified in the comprehensive facilities condition assessment.



Athletic Field Maintenance Projects

FY 2009 funding in the amount of \$5,119,032 has been included for athletic field maintenance. This level of funding includes revenue generated from the Athletic Services Fee in the amount of \$950,000 which will directly support athletic field maintenance. Of this total, \$250,000 of Athletic Services Fee revenue will be dedicated to the enhanced maintenance of school athletic fields, \$500,000 will be dedicated to the Synthetic Turf Development Program, and \$200,000 to custodial support for indoor sports organizations. An effort has been made to provide continuous maintenance to ensure quality athletic fields at acceptable standards and improve safety for users. Maintenance of athletic fields includes: field lighting, fencing, irrigation, dugout covers, infield dirt, aeration, and seeding. These maintenance efforts will improve safety standards, enhance playing conditions, and increase user satisfaction. Specific funding levels in FY 2009 include:

- ◆ An amount of \$2,430,384 to continue athletic field maintenance efforts on Park Authority athletic fields. Athletic field costs include electricity for lighted facilities and maintenance of lighting systems, water and irrigation system maintenance, and minor ball field repairs. This level of



The County continues to fund the Athletic Field Maintenance Program which will improve safety standards, enhance playing conditions, and increase user satisfaction.

Capital Projects Overview

funding reflects an increase of \$150,000 in FY 2009 to begin to address increases in water and electricity costs experienced in recent years. This effort is being coordinated by the Fairfax County Park Authority.

- ◆ An amount of \$738,648 to support general maintenance at designated Fairfax County Public Schools (FCPS) athletic fields. This maintenance effort includes a consistent mowing frequency of 28 times per year at 473 athletic fields (approximately 176 school sites) and provides for aeration and over-seeding to improve turf coverage and reduce the chance of injury. This program was established in an effort to maintain consistent standards among all athletic fields, improve playing conditions and safety standards, and increase user satisfaction. This effort is managed by the Park Authority; however, all field maintenance is coordinated between the Park Authority and the Department of Community and Recreation Services (CRS).
- ◆ An amount of \$1,000,000 for maintenance of school athletic fields. This project will provide consolidated funding for maintenance performed by the Park Authority on FCPS athletic fields, and will directly apply revenue generated by the Athletic Services Fee to the athletic field maintenance program. The maintenance will provide a consistent mowing frequency schedule for high school diamond fields, as well as diamond field infield preparation twice a week for all elementary, middle and high school fields. It will also establish post-season field treatment standards and a maintenance schedule for recently completed irrigation and lighting projects on FCPS fields. Of the total funding, an amount of \$250,000 is included for this program based on the FY 2009 projection of revenue generated from the Athletic Services Fee, and \$750,000 is supported by the General Fund.
- ◆ An amount of \$500,000 supported by revenue generated by the Athletic Services Fee is included to support the Synthetic Turf Development Program. This program facilitates the development of synthetic turf fields in the County. Fields are chosen through a review process based on the need in the community, projected community use, and the field location and amenities. In addition, to this funding, on November 7, 2006, the voters approved a \$25 million Park Bond Referendum of which \$10 million is earmarked to fund the conversion of up to 12 fields from natural turf to synthetic turf.
- ◆ An amount of \$200,000 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 managed by Department of Community and Recreation Services.
- ◆ An amount of \$100,000 to continue the replacement and upgrading of Fairfax County Public Schools (FCPS) boys' baseball field lighting systems used by many County organizations. A standard of 30-foot candles of light in the infield and 20-foot candles of light in the outfield are the recommended levels of lighting. Currently all boys fields have lighting. Funding supports a replacement and repair schedule, as well as improvements to bring older lighting systems up to new standards. Lighting costs are shared with FCPS. FY 2009 funding represents the County's share of total costs and will provide for lighting improvements at Sandburg Middle School. The FCPS annually prioritizes funding for field lighting.



One of the many fields in Fairfax County for use by all residents.

- ◆ Funding in the amount of \$100,000 to continue installing lights on FCPS athletic fields and identified County parks used for girls' softball. Staff from the Department of Community and Recreation Services

Capital Projects Overview

(CRS) continues to work with community sports groups and coordinate with the FCPS and the Fairfax County Park Authority to identify, prioritize and develop plans for addressing girls' softball field lighting requirements. FY 2009 funding provides for continued softball field lighting installation at Madison High School. This effort is being coordinated by CRS.

- ◆ An amount of \$50,000 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 by 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 Girl's Fast Pitch Field Maintenance improvements to various girl's softball fields throughout the County as requested by the Fairfax Athletic Inequities Reform (FAIR). Funding for the Girls Fast Pitch Maintenance project ended in FY 2004. FY 2009 funding will provide maintenance to the improvements and amenities made to girl's softball fields.

Park Maintenance Projects

FY 2009 funding in the amount of \$2,182,076 has been included for Park maintenance of both facilities and grounds. The Park facilities maintained with General Fund monies include but are not limited to field houses, boat houses, pump houses, 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. Specific funding levels in FY 2009 include:

- ◆ An amount of \$425,000 for general park maintenance at non-revenue supported Park facilities. These maintenance requirements include major non-recurring repairs and stabilization of new 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.
- ◆ An amount of \$987,076 to support annual requirements for Park grounds maintenance at non-revenue supported parks. Grounds maintenance includes the upkeep of sidewalks, mowing of wooded and grassy areas, parking lots, bridges, recreation and irrigation equipment, picnic equipment, tennis courts and trails at County parks.
- ◆ An amount of \$470,000 for minor routine preventive maintenance of non-revenue supported Park Authority structures. These repairs include the replacement of broken windows and doors, equipment repairs, and the scheduled inspection of HVAC, security, and fire alarm systems.
- ◆ An amount of \$300,000 to continue the implementation of Americans with Disabilities Act (ADA) compliance at Park facilities. FY 2009 funding will support mandated retrofits at Lake Fairfax Park including the outdoor restroom, parking spaces, and an accessible route to the picnic pavilion.

Trails and Sidewalks

- ◆ Funding in the amount of \$300,000 is included in for the Virginia Department of Transportation (VDOT) participation project for sidewalk repair and replacement. VDOT conducts repair and replacement of County-maintained sidewalks and is reimbursed by the County, subject to an agreement approved by the Board of Supervisors. County costs are minimized based on the ability to implement multiple VDOT sidewalk construction contracts.
- ◆ On an annual basis, the Paydown Program typically supports the Emergency Maintenance of Existing Trails project (\$100,000). This project has been eliminated from the Paydown Program due to the availability of a new funding source. On April 4, 2007, the General Assembly approved the Governor's substitute for House Bill 3202 (HB 3202). This bill is the first infusion of new transportation dollars in Northern Virginia in more than 20 years. As a result, significant new funding for transportation will be

Capital Projects Overview

made available to Fairfax County, starting in the second part of FY 2008. In FY 2009 this new revenue source and supported transportation projects, programs, and staff, are reflected in Fund 124, County and Regional Transportation Projects. The Emergency Maintenance of Existing Trails project has subsequently been incorporated within Fund 124 to be supported by these new transportation funds.

New and Renovated County Facilities

FY 2009 funding in the amount of \$3,562,006 has been included for costs related to the renovation of existing facilities and the construction of new facilities.

- ◆ Funding of \$1,672,006 is included to continue to address property management and development, as well as continued building stabilization efforts at the Laurel Hill property. Laurel Hill was transferred to the County by the federal government in early 2002. The property includes approximately 2,340 acres of land and 1.48 million square feet of building space. FY 2009 funding will continue to address needs at this site, including a security/maintenance contract, consulting services, structural maintenance and utilities at existing buildings, custodial, planning, and maintenance at park facilities.

- ◆ Funding of \$1,090,000 is included for telecommunication systems, I-Net connections and cabling at several new facilities. FY 2009 funding is included for phone system equipment at the West Ox Bus



Significant progress is being made on the Courthouse Expansion and Renovation project.

Garage (\$65,000), the Health Department Lab being relocated to Belle Willard (\$100,000), and the Mt. Vernon Mental Health Center (\$25,000). Funding in the amount of \$900,000 is included for I-Net connections for the following facilities: Thomas Jefferson Library, Dolley Madison Library, Girls Probation House, Less Secure Shelter, Gregory Drive Treatment Facility, Health Department Lab, McConnell Public Safety Transportation and Operations Center (MPSTOC), Burke Centre

Library, Wolfrap Fire Station, Richard Byrd Library, Great Falls Fire Station, Martha Washington Library and Mt. Vernon Mental Health Center. Of this amount, \$190,000 is supported by the General Fund, and an additional \$900,000 is supported from Fund 105, Cable Communications.

- ◆ Funding of \$800,000 is included to support the third year of a five year lease purchase agreement for required systems furniture associated with the newly expanded Courthouse.

Road Improvements/Developer Defaults

FY 2009 funding of \$825,000 is included to support the following County road programs and developer defaults requirements:

- ◆ Funding in the amount of \$750,000 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) anticipates that 18 new projects will be identified for resolution in FY 2009 as well as 50 requests to prepare composite cost estimates to complete specific developer default projects. FY 2009 funding in the amount of \$750,000 is included for developer default projects that will be identified throughout the fiscal year. Of this amount, \$300,000 is projected in developer default revenue and an additional \$450,000 is supported by the allocation of HB 599 state revenues.

Capital Projects Overview

- ◆ An amount of \$75,000 to fund emergency and safety road repairs to County-owned service drives and County-owned stub streets which are currently not accepted by the Virginia Department of Transportation (VDOT) into the state highway system for maintenance. Emergency safety repairs supported through this project include pothole repair, drive surface overlays, sidewalk and curb repairs, traffic and pedestrian signage, and hazardous tree removal.
- ◆ On an annual basis, the Paydown Program typically supports the Spot Improvement Program (\$1,000,000), the Road Viewers (\$50,000) and the Road Maintenance (\$50,000) programs. These projects have been eliminated from the Paydown Program due to the availability of a new funding source. On April 4, 2007, the General Assembly approved the Governor's substitute for House Bill 3202 (HB 3202). This bill is the first infusion of new transportation dollars in Northern Virginia in more than 20 years. As a result, significant new funding for transportation will be made available to Fairfax County, starting in the second part of FY 2008. In FY 2009 this new revenue source and supported transportation projects, programs, and staff, are reflected in Fund 124, County and Regional Transportation Projects. The Spot Improvement, Road Viewers and Road Maintenance programs have subsequently been incorporated within Fund 124 to be supported by these new transportation funds.

Payments and Obligations

FY 2009 funding in the amount of \$2,946,632 has been included for costs related to annual contributions and contractual obligations.

- ◆ Funding of \$750,000 is included for the County's annual contribution to offset school operating and overhead costs associated with new SACC Centers.
- ◆ Funding of \$1,016,483 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 2009 funding level reflects \$1.00 per capita based on a population figure provided by the Weldon Cooper Center.
- ◆ Funding of \$1,080,149 is included for the fourth payment for the Salona property. Based on the Board of Supervisor's approval of the purchase of the conservation easement at the Salona property on September 26, 2005, an amount of \$1,080,149 will be dedicated to the FY 2009 payment. The total cost of the property is \$18.2 million with payments scheduled through FY 2026.
- ◆ Funding of \$100,000 is included to support payments to developers for interest earned on conservation bond deposits. The County requires developers to contribute funds to ensure the conservation of existing natural resources. Upon satisfactory completion of projects, the developer is refunded the deposit with interest.

Revitalization Initiatives

FY 2009 funding in the amount of \$1,105,000 has been included for costs related to revitalization of commercial areas identified by the County.

- ◆ Funding of \$190,000 is included for revitalization initiatives within the Office for Community Revitalization and Reinvestment for revitalization activities include marketing materials for countywide revitalization activities, consultant services and training.

Capital Projects Overview

- ◆ An amount of \$400,000 is included to continue recurring maintenance of capital improvements associated with the Commercial Revitalization Program as approved by the Board of Supervisors on December 2, 1996. Maintenance projects include landscaping, mowing, trash pickup, maintenance of bicycle racks, area signs and street furniture. Maintenance is provided in four major revitalization areas of Fairfax County including: Annandale, Route 1, Springfield and Baileys Crossroads.
- ◆ Funding of \$515,000 is included for the continuation of revitalization activities including marketing materials for countywide revitalization activities, consultant services, training and staff and administrative costs associated with the continuation of previously approved revitalization projects. FY 2009 funding provides for current program needs, staffing and other activities associated with countywide residential improvement and repair projects within the Department of Housing and Community Development.

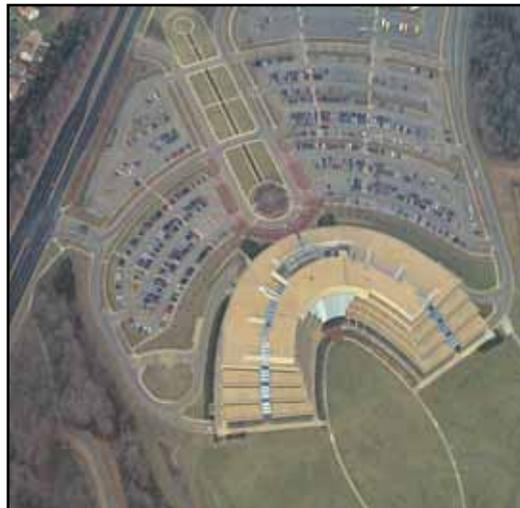
Environmental Initiatives

Funding of \$600,000 is included to provide funding for initiatives that directly support the Board of Supervisors Environmental Agenda. The Environmental Excellence 20-year Vision Plan (Environmental Agenda) includes six topic areas: Growth and Land Use; Air Quality and Transportation; Water Quality; Solid Waste; Parks, Trails, and Open Space; and Environmental Stewardship. FY 2009 prioritized initiatives include: continued outreach materials for air quality awareness targeted at County employees, residents, school children and business owners (\$30,000); removal of invasive plants that threaten native plant communities and expansion of Park Authority volunteer and outreach programs (\$150,000); an additional five remote household hazardous waste events (\$75,000); litter campaign and other environmental initiatives (\$66,900); and energy management at 8 park facilities (\$278,100). In addition, an amount of \$108,000 has been provided in Fund 119, Contributory Fund to continue partnering with three non-profit agencies to expand tree planting throughout the County.

Other Projects

FY 2009 funding in the amount of \$645,000 has been included for other Capital Projects. Specific funding levels include:

- ◆ An amount of \$125,000 for the maintenance and establishment of geodetic survey control points for the Geographical Information System (GIS) system. This project also supports the development and maintenance of an interactive, GIS-based Web site which will provide convenient and cost effective monumentation information to the County's land development customers.
- ◆ An amount of \$20,000 for Minor Streetlight Upgrades to support minor upgrades and repairs to existing streetlights that do not meet current VDOT illumination standards for roadways.
- ◆ An amount of \$500,000 is included to support development needs for a new County cemetery. Although the current County cemetery has been full for over 10 years, the County has continued to support indigent burials through a contract with a private cemetery. There is concern about the private vendor continuing to be available as land becomes more scarce and costs increase. FY 2009 funding will address development needs for a new cemetery proposed on property off of Old Colchester Road near the Noman G. Cole, Jr. Pollution Control Plant (NCPCP) including: a small parking lot, relocation of an existing security gate, additional fencing, a columbarium, and landscaping.



Fairfax County's Geographic Information System (GIS), which includes orthophotography layers, provides significant resources for both the public and County users in many beneficial ways. © 2005, Pictometry International

Capital Projects Overview

FY 2009 PAYDOWN PROJECTS

Project	FY 2009 Advertised
Capital Renewal Projects	
(003100) Fire Alarm System Replacements	\$1,020,000
(009151) HVAC/Electrical Systems	3,875,000
(009431) Emergency Generator Replacement	320,000
(009600) Elevator Replacement	1,709,321
Subtotal	\$6,924,321
Park Authority Maintenance Projects	
(009416) ADA Compliance - Park Authority	\$300,000
(009417) Park Authority - General Maintenance	425,000
(009442) Park Authority - Grounds Maintenance	987,076
(009443) Park Authority - Facility Maintenance	470,000
Subtotal	\$2,182,076
Athletic Field Maintenance Projects	
(004999) Boys' Athletic Field Lighting	\$100,000
(005000) Girls' Softball Field Lighting	100,000
(005006) Parks Maintenance at FCPS Athletic Fields	738,648
(005009) Athletic Field Maintenance	2,430,384
(005012) Athletic Services Fee-Field Maintenance	750,000
(005020) APRT-Amenity Maintenance	50,000
Subtotal	\$4,169,032
Trails and Sidewalks	
(X00407) VDOT Sidewalk Repair/Replacement	\$300,000
Subtotal	\$300,000
New and Renovated County Facilities	
(009218) Courthouse IT Equipment and Program Support	\$800,000
(009432) Telecomm/Telephone Systems	190,000
(009444) Laurel Hill Development	1,672,006
Subtotal	\$2,662,006
Road Improvements/Developer Defaults	
(U00060) Developer Defaults	\$450,000
(V00002) Emergency Road Repair	75,000
Subtotal	\$525,000
Obligations and Payments	
(007012) School-Age Child Care (SACC)	\$750,000
(008043) Northern Virginia Community College	1,016,483
(009494) Salona Property	1,080,149
(009998) Payments of Interest on Conservation Bonds	100,000
Subtotal	\$2,946,632

Capital Projects Overview

Project	FY 2009 Advertised
Revitalization Initiatives	
(009422) Maintenance-Commercial Revitalization Program	\$400,000
(009800) Revitalization Initiatives	190,000
(014272) Community Improvement Program Costs	515,000
Subtotal	\$1,105,000
Environmental Initiatives	
(009700) Environmental Initiatives	\$600,000
Subtotal	\$600,000
Other Projects	
(U00005) Survey Control Network Monumentation	\$125,000
(Z00016) Minor Streetlight Upgrades	20,000
(009702) County Cemetery	500,000
Subtotal	\$645,000
TOTAL PAYDOWN PROGRAM	\$22,059,067

Capital Projects Overview

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.

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 8.0 percent, and net debt as a percentage of market value at 0.89 percent as of June 30, 2007.

Continual monitoring and adjustments to the County's CIP have been necessary, as economic conditions have changed. The FY 2009 - 2013 Capital Improvement Program (With Future Years to 2018) is released concurrently with the FY 2009 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 absorb 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 2009, an amount of \$182,471,764 is included in General Obligation Bond funding. Of this amount, \$155,000,000 is budgeted in Fund 390, Public School Construction, \$23,828,000 has been included in Fund 309, Metro Operations and Construction, to support the 106-mile Metrorail System, as well as maintain and/or acquire facilities, equipment, railcars and buses, \$2,596,839 has been included for the County contribution to the Northern Virginia Regional Park Authority (NVRPA), and an amount of \$1,046,925 is included to support library feasibility studies approved as part of the fall 2004 library bond referendum. Studies will focus on Woodrow Wilson, Tysons-Pimmit Regional, Pohick Regional, Reston Regional and John Marshall Libraries, and will help to determine the scope and cost of future renovation and expansion of these facilities.

Capital Projects Overview

Stormwater Management Program

Beginning in FY 2006, the Board of Supervisors designated the approximate value of one penny from the County's Real Estate Tax, to Fund 318, Stormwater Management Program. In FY 2009 the estimated value of one penny from the County's Real Estate tax, \$22.8 million, will again be dedicated to the Stormwater Management Program. Funding is posted as revenue from the Real Estate Tax associated with One Penny for Stormwater rather than a transfer from the General Fund.

This funding is designated for prioritized stormwater projects, and 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 waterways. Projects include: repairs to stormwater infrastructure and measures to improve water quality, such as stream stabilization, rehabilitation and safety upgrades of dams, repair and replacement of underground pipe systems and surface channels, structural flood proofing, and Best Management Practices (BMP) site retrofits. This funding also supports development of watershed master plans, increased public outreach efforts and increased monitoring activities.



Photo of Lake Royal which is part of the County's extensive stormwater system that includes 1,800 miles of storm drainage conveyance systems, 45,000 stormwater drainage structures, and 1,104 stormwater management ponds.

The County's stormwater system, which includes 1,800 miles of storm drainage conveyance systems, 45,000 stormwater drainage structures, approximately 1,200 publicly maintained stormwater management ponds and approximately 2,400 privately maintained stormwater management ponds, is strained by an aging infrastructure and the continuous urbanization that has occurred in the County.

This, in combination with higher water quality standards that must now be addressed by local governments, necessitates a more significant, multiyear investment in terms of funding and staff resources. As part of the Municipal Separate Storm Sewer Systems (MS4) permit, the County has initiated a phased approach to completing watershed planning in its 30 watersheds. The current watershed planning effort provides an in-depth review of existing watershed planning processes and provides recommendations for improvements to the internal procedures, as well as makes recommendations to improve external partnerships with public and special interest groups involved in the watershed planning efforts. In conjunction with an evaluation of the planning processes, an expedited planning schedule was begun in FY 2007. The result of that planning schedule is that all 30 watersheds were in an active planning stage at the end of FY 2007. The expedited schedule will ensure that Fairfax County meets its commitment to the Chesapeake Bay 2000 Agreement, by completing the watershed planning process by the year 2010. As watershed management plans throughout the County are completed, the project implementation strategies and goals for the project list are developed.

The County is currently working with FCPS to assume the responsibility of the FCPS MS4 permit requirements. This consolidation effort will add approximately 225 additional stormwater management facilities to the County's existing inventory. Additional staff and resources have been provided to revise the County's current stormwater program and permit application process, complete the inventory of the School's facilities and initiate joint contracting programs. It is anticipated that developing a consolidated program will result in more effective delivery of services.

In FY 2009, the Stormwater Planning Division (SPD) and a portion of the Maintenance and Stormwater Management Division (MSMD) will charge positions and associated costs to Fund 318, Stormwater Management Program. Administrative expenses will be charged directly to Project FX0005, Operations Support, and will not be charged to individual projects throughout the fund. This results in a reduction of \$4,365,213 of General Fund support for the Stormwater program including \$4,131,165 associated with the charge out of positions and associated costs, and \$234,048 in Agency 89, Fringe Benefits. Historically, these expenses have been supported by the General Fund; however, based on budget constraints in FY 2009, the

Capital Projects Overview

General Fund cannot fully support the Stormwater program. Other General Fund reductions would have been required had Fund 318 funding not been available to provide this support for the Stormwater program. This adjustment to Fund 318 will impact future stormwater project implementation schedules.

The Penny for Affordable Housing Fund

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 source of funding for the preservation of affordable housing in the County. The Board of Supervisors dedicated the value of one penny on the Real Estate Tax rate to the Preservation of Affordable Housing, a major County priority. In FY 2009 the estimated value of one penny from the County's Real Estate Tax, \$22.8 million, will again be dedicated to this priority. Funding is posted as revenue from the Real Estate Tax associated with One Penny for Affordable Housing rather than a transfer from the General Fund.



Picture of the Hollybrooke complex, one of the County's Affordable Housing units.

Between 1997 and 2004, the County lost 1,300 affordable units due to condo conversions and prepayments by owners of federally-subsidized apartment complexes. The rapid pace of converting affordable units and selling them as market-rate condominiums accelerated through 2005 due to the significant appreciation of property values in Fairfax County. Between 1980 and 2005, the assessed value of dwellings in Fairfax County rose more than

300 percent. Similarly, rents have been driven up by the significant and growing demand for housing in the County. In fact, the annual income needed to afford a two bedroom apartment at the fair market rate of \$1,286 per month was estimated to be \$51,440 in FY 2007. This is just over 50 percent of the Area Median Income, meaning that there are many wage earners for whom living in Fairfax County is a significant financial struggle. The Center for Regional Analysis at George Mason University estimates that there is an affordable housing deficit that is projected to rise to 60,000 by 2020. Though current market conditions have seen a leveling off of prices for residential real estate, significant rent increases and the cumulative effect of exceptional growth in real estate values over the last several years has forced many first time buyers and renters, to either look to other areas for housing or simply eliminated the possibility for these families to enjoy home ownership.

In light of these trends, the Board of Supervisors set a County goal to preserve 1,000 units of affordable housing by the end of FY 2007, which the County has surpassed by preserving 1,412 units. County funding and financing are critical to achieving these goals. Fund 319, The Penny for Affordable Housing Fund, represents the County's financial commitment to preserving and creating affordable housing opportunities by dedicating a portion of its revenue specifically for affordable and workforce housing. To maximize the effectiveness of these funds, the Board of Supervisors recommended a minimum leverage ratio of 3:1 with non-County funds and that units funded by Fund 319 remain affordable at a minimum for a period of time consistent with the County's Affordable Dwelling Unit Ordinance, which was amended to be 30 years effective February 2006.

As of January 2008, a total of 2,207 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 1,955 units are preserved for 20 years or longer. A variety of funding sources were used to preserve these units; however, Fund 319 funds were critical for the preservation efforts associated with five large multifamily complexes that were purchased by private nonprofits: 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

Capital Projects Overview

Arlington Boulevard in Falls Church (Mason District). Fund 319 was instrumental in preserving two large complexes: 180 units at the Crescent apartment complex in Reston (Hunter Mill District) and 672 units at the Wedgewood apartment 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 319 funds, both of these apartment complexes may have been lost as affordable housing.

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 3,330 miles of sewer lines, 65 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's owned and 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 Alexandria Sanitation Authority Plant, the Upper Occoquan Sewage Authority Plant, the District of Columbia Blue Plains Plant, and the Arlington County Plant. Fairfax County utilizes all of these facilities to accommodate a total treatment capacity of 158 MGD.



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

An amount of \$97,500,000 is funded in FY 2009 to provide for the County's share of design and construction costs associated with Wastewater Management. Funds will support upgrade costs to the District of Columbia Water and Sewer Authority (DCWASA), the Arlington Treatment Plant, the Alexandria Treatment Plant, rehabilitation of Noman M. Cole, Jr. Pollution Control plant; as well as pump station renovations, sewer extension projects and the repair, replacement and renovation of various aging sewer lines.

Other Financing

An amount of \$27,844,828 in other financing supports various capital projects in FY 2009. Capital projects financed by other funding mechanisms include: developer contributions for road improvements throughout the County, as well as housing trust fund revenues, FCPS Parent Teachers Association contributions, anticipated developer default bonds, revenue generated from the Athletic Services Fee, refuse disposal revenue and other sources of funds.

Capital Projects Overview

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 new Courthouse expansion, 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, 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. A new facility for example, will often require additional staff, an increase in utility costs, and increases in custodial 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 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 2009 timeframe, the expansion and renovation of several facilities will be completed which will directly impact the County's operating budget. The following list represents major new facilities which will open during FY 2009 and beyond. Operating expenditures are estimated based on projected opening dates. Additional information regarding the expenditures necessary to support these expanded facilities can be found in specific agency budget narratives.

Capital Projects Overview

New, Renovated, or Expanded County Facilities with Operating Costs Budgeted in FY 2009

Facility	Fiscal Year Completion	Additional Positions	Estimated Net Operating Costs
FY 2009 New, Renovated, or Expanded Facilities			
Burke Community Library (full year funding)	FY 2009	0/0.0 SYE	\$639,418
Facilities Management Operating Costs	FY 2009	0/0.0 SYE	1,592,315
West Ox Bus Operations Center	FY 2009	0/0.00 SYE	3,675,341
Total FY 2009 Costs		0/0.0 SYE	\$5,907,074

The following facilities are scheduled to open in upcoming years and may require additional staffing and operating costs. Requests for funding will be reviewed as part of the development of the annual budget in the year the facility opens.

Facility	Fiscal Year Completion
Gregory Drive Treatment Facility	FY 2010
Thomas Jefferson Community Library Renovation	FY 2010
Health Department Laboratory	FY 2010
Richard Byrd Community Library Renovation	FY 2010
Martha Washington Community Library Renovation	FY 2010
Less Secure Shelter II	FY 2010
Alban DVS Facility	FY 2010
Wolf Trap Fire Station	FY 2011
Fair Oaks Police Station Renovation/Expansion	FY 2011
Dolley Madison Community Library Renovation	FY 2011
Mount Vernon Mental Health Center	FY 2011
Great Falls Volunteer Fire & Rescue Station	FY 2011
Newington DVS Facility	FY 2012
McLean Police Station Renovation/Expansion	FY 2012
West Ox Animal Shelter Renovation/Expansion	FY 2012
Fire & Rescue Training Academy Renovation	FY 2012
Reston Police Station Renovation/Expansion	FY 2013
Mid-County Human Services (Woodburn)	TBD

Personnel Services, Operating costs, and Capital Equipment costs incurred by a County agency while performing work on a capital project are charged as Recovered Costs to the project where applicable. The majority of capital projects in the County are administered by various agencies within the Department of Public Works and Environmental Services, Facilities Management Department, Fairfax County Park Authority and the Department of Housing and Community Development.

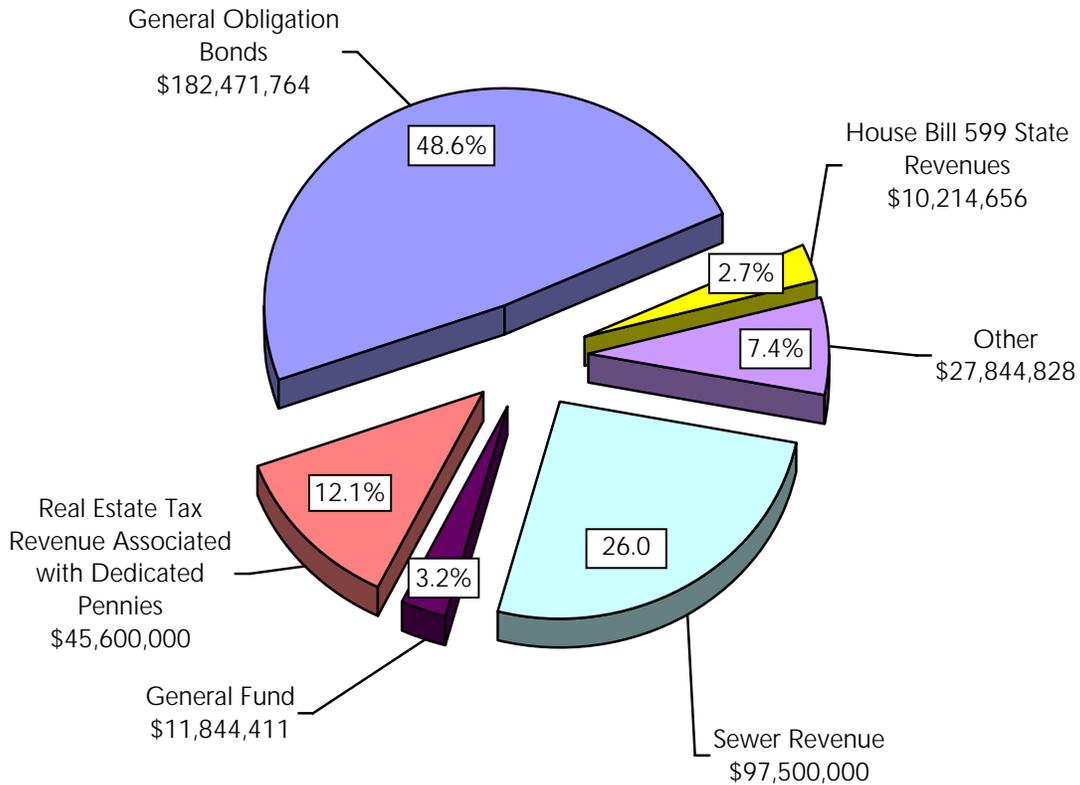
Capital Projects Overview

Summary of FY 2009 Capital Construction Program

Major segments of the County's FY 2009 Capital Construction Program are presented in the charts that follow. Several pie charts have been included to visually demonstrate the FY 2009 funding sources for capital expenditures. Capital construction expenditures by fund are shown in the Summary Schedule of FY 2009 Funded Capital Projects. In addition, details of all projects funded in FY 2009 have been included in this section. For an individual detailed description of each capital construction fund, see the Capital Project Funds section of the Capital Construction and Other Operating Funds in Volume 2. Detailed information concerning capital projects in Fund 390, Public School Construction, can be found in the [FY 2009 Superintendent's Proposed Budget](#).

Capital Projects Overview

CAPITAL CONSTRUCTION PROJECTS FY 2009 SOURCE OF FUNDS

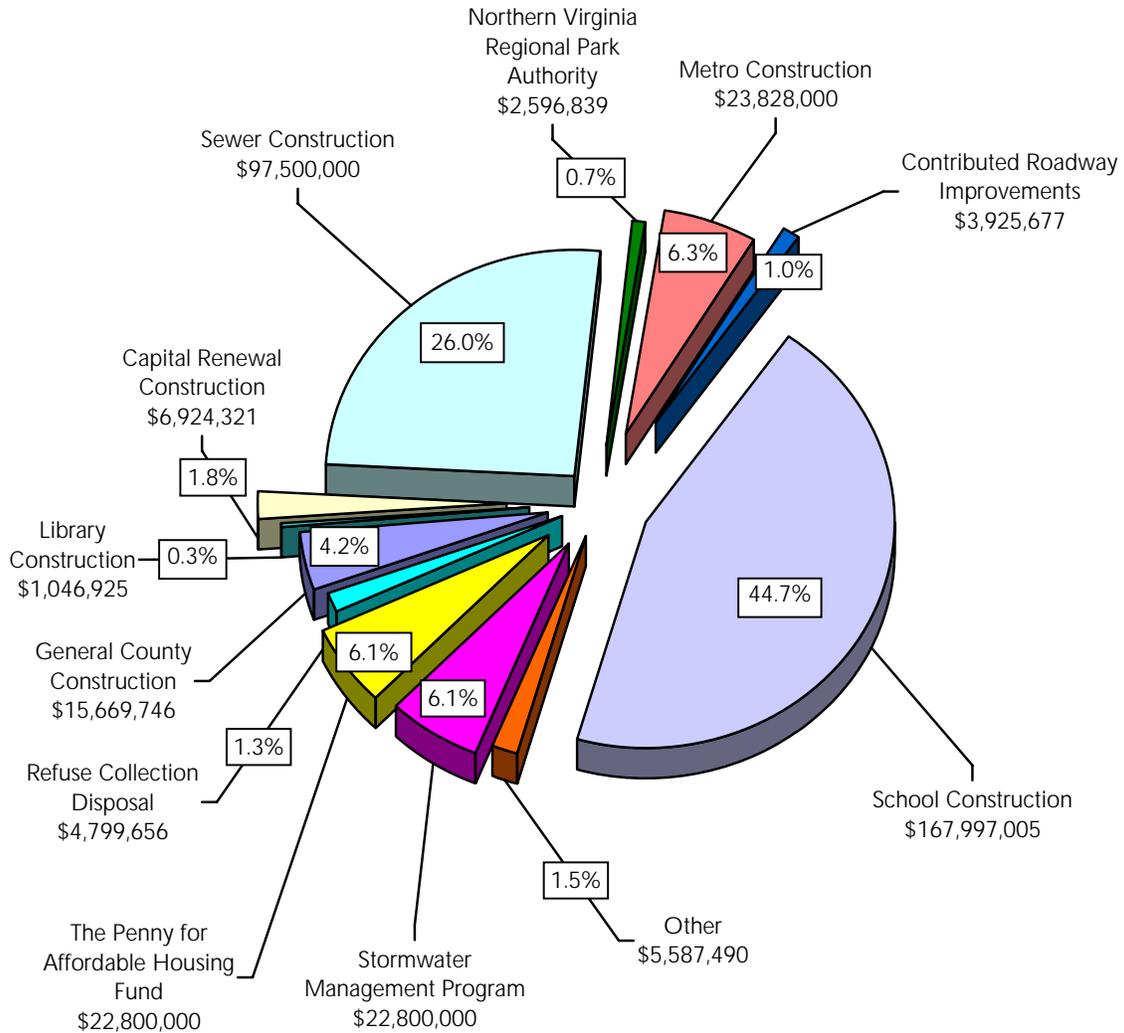


TOTAL = \$375,475,659

NOTE: This chart does not include debt service funding.

Capital Projects Overview

CAPITAL CONSTRUCTION PROJECTS FY 2009 EXPENDITURES

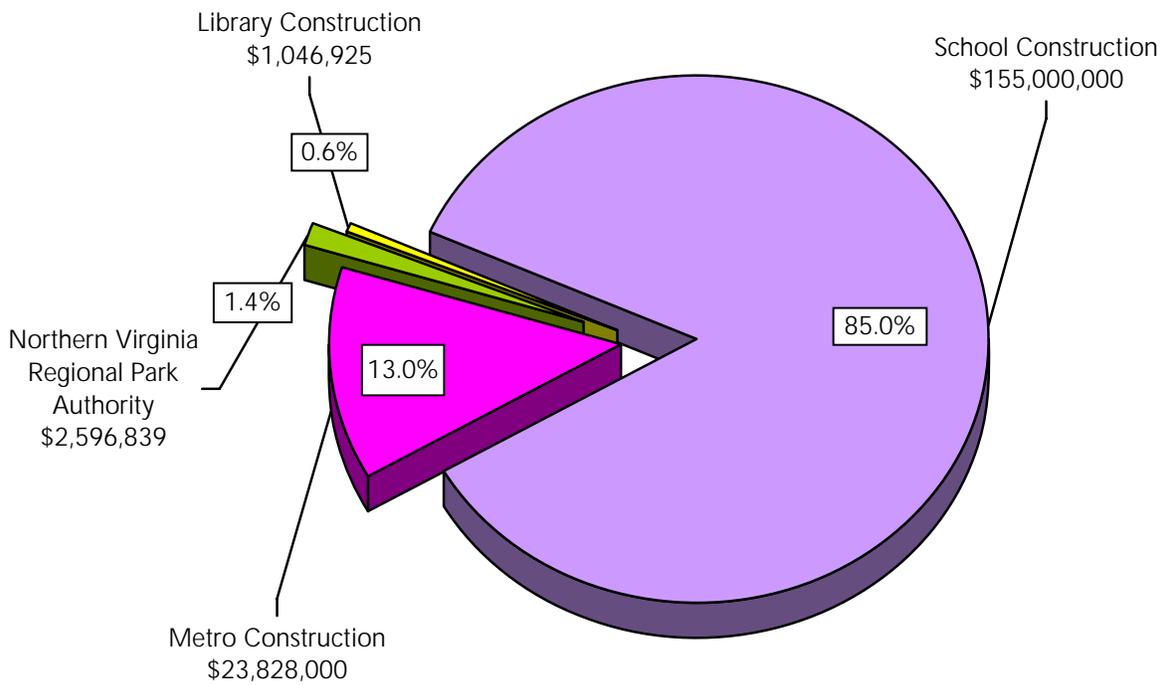


TOTAL = \$375,475,659

NOTE: This chart does not include debt service funding.

Capital Projects Overview

GENERAL OBLIGATION BOND FINANCED CAPITAL PROJECTS FY 2009 EXPENDITURES



TOTAL = \$182,971,764

SUMMARY SCHEDULE OF FY 2009 FUNDED CAPITAL PROJECTS

EXPENDITURES

FY 2009 FINANCING

Fund/Title	FY 2007 Actual	FY 2008 Adopted Budget Plan	FY 2008 Revised Budget Plan	FY 2009 Advertised Budget Plan	General Obligation Bonds ¹	General Fund	Federal/ State Aid	Other ²
SPECIAL REVENUE FUNDS³								
109 Refuse Collection	\$240,547	\$225,000	\$493,454	\$225,000	\$0	\$0	\$0	\$225,000
110 Refuse Disposal	195,268	0	7,627,422	4,574,656	0	0	0	4,574,656
111 Reston Community Center	427,693	2,948,797	3,554,133	1,895,490	0	0	0	1,895,490
113 McLean Community Center	371,466	199,800	728,480	227,000	0	0	0	227,000
114 I-95 Refuse Disposal	3,046,186	0	23,104,041	0	0	0	0	0
144 Housing Trust Fund	5,434,417	1,940,000	9,099,104	1,850,000	0	0	0	1,850,000
Subtotal	\$9,715,577	\$5,313,597	\$44,606,634	\$8,772,146	\$0	\$0	\$0	\$8,772,146
DEBT SERVICE FUNDS								
200/201 Combined County and School Debt Service	\$254,115,314	\$266,867,991	\$278,926,283	\$277,765,785	\$0	\$267,800,849	\$0	\$9,964,936
Subtotal	\$254,115,314	\$266,867,991	\$278,926,283	\$277,765,785	\$0	\$267,800,849	\$0	\$9,964,936
CAPITAL PROJECTS FUNDS								
300 Countywide Roadway Improvement Fund	\$687,248	\$0	\$529,004	\$0	\$0	\$0	\$0	\$0
301 Contributed Roadway Improvement Fund	2,550,487	4,240,199	40,795,848	3,925,677	0	0	0	3,925,677
302 Library Construction	6,939,492	1,064,000	44,887,969	1,046,925	1,046,925	0	0	0
303 County Construction	32,695,435	20,463,886	93,389,925	15,669,746	0	10,529,411	2,990,335	2,150,000
304 Transportation Improvements	26,756,897	2,100,000	51,356,515	0	0	0	0	0
306 Northern Virginia Regional Park Authority	2,500,000	2,500,000	2,500,000	2,596,839	2,596,839	0	0	0
307 Pedestrian Walkway Improvements	1,403,861	400,000	6,065,701	300,000	0	0	300,000	0
309 Metro Operations and Construction ⁴	18,200,989	21,900,000	21,900,000	23,828,000	23,828,000	0	0	0
311 County Bond Construction	8,419,981	0	71,102,323	0	0	0	0	0
312 Public Safety Construction	53,459,609	95,220,972	215,396,952	800,000	0	800,000	0	0
314 Neighborhood Improvement Program ⁵	(117)	0	360,919	0	0	0	0	0
315 Commercial Revitalization Program	210,451	0	4,560,560	0	0	0	0	0
316 Pro Rata Share Drainage Construction	1,994,230	0	20,488,383	0	0	0	0	0
317 Capital Renewal Construction	8,188,512	21,924,321	33,851,054	6,924,321	0	0	6,924,321	0

SUMMARY SCHEDULE OF FY 2009 FUNDED CAPITAL PROJECTS

EXPENDITURES FY 2009 FINANCING

Fund/Title	FY 2007 Actual	FY 2008 Adopted Budget Plan	FY 2008 Revised Budget Plan	FY 2009 Advertised Budget Plan	General Obligation Bonds ¹	General Fund	Federal/ State Aid	Other ²
340 Housing Assistance Program	1,512,986	935,000	13,690,974	515,000	0	515,000	0	0
341 Housing General Obligation Bond Construction	13,657	0	0	0	0	0	0	0
370 Park Authority Bond Construction	35,010,772	0	50,862,077	0	0	0	0	0
390 Public School Construction	147,929,690	158,519,596	433,275,357	167,997,005	155,000,000	0	0	12,997,005
Subtotal	\$348,474,180	\$329,267,974	\$1,105,013,561	\$223,603,513	\$182,471,764	\$11,844,411	\$10,214,656	\$19,072,682
Real Estate Tax Revenue Associated with One Penny								
318 Stormwater Management Program	\$18,469,806	\$22,700,000	43,378,769	\$22,800,000	\$0	\$0	\$0	\$22,800,000
319 The Penny for Affordable Housing Fund	22,313,055	22,700,000	25,175,948	22,800,000	0	0	0	22,800,000
Subtotal	\$40,782,861	\$45,400,000	\$68,554,717	\$45,600,000	\$0	\$0	\$0	\$45,600,000
ENTERPRISE FUNDS								
402 Sewer Bond Extension and Improvements	\$24,875,406	\$13,550,000	\$40,589,058	\$23,500,000	\$0	\$0	\$0	\$23,500,000
408 Sewer Bond Construction	5,637,193	0	67,935,338	74,000,000	0	0	0	74,000,000
Subtotal	\$30,512,599	\$13,550,000	\$108,524,396	\$97,500,000	\$0	\$0	\$0	\$97,500,000
TOTAL	\$683,600,531	\$660,399,562	\$1,605,625,591	\$653,241,444	\$182,471,764	\$279,645,260	\$10,214,656	\$180,909,764

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, miscellaneous revenues, the dedication of one penny of the Real Estate Tax, and fund balances.

³ Reflects the capital construction portion of total expenditures.

⁴ Reflected capital construction portion of Metro expenditures net of State Aid.

⁵ The negative FY 2007 expenditure reflects a credit for land acquisition associated with Project C00072 Brookland/Bush Hill II.

Details: Paydown Program (General Fund)

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
303, County Construction				
004999	Boys' Athletic Field Lighting (Countywide)	Continuing	\$100,000	Funding to continue the replacement and upgrading of Fairfax County Public Schools (FCPS) boys' baseball field lighting systems used by many County organizations. A standard of 30-foot candles of light in the infield and 20-foot candles of light in the outfield are the recommended levels of lighting. Currently all boys fields have lighting. Funding supports a replacement and repair schedule, as well as improvements to bring older lighting systems up to new standards. FY 2009 funding represents the County's share of total costs and will provide for lighting improvements at Sandburg Middle School. The FCPS annually prioritizes funding for field lighting. This effort is being coordinated by the Department of Community and Recreation Services.
005000	Girls' Softball Field Lighting (Countywide)	Continuing	\$100,000	Funding to continue installing lights on FCPS athletic fields and identified County parks used for girls' softball. Staff from the Department of Community and Recreation Services (CRS) continues to work with community sports groups and coordinate with FCPS and the Fairfax County Park Authority to identify, prioritize and develop plans for addressing girls' softball field lighting requirements. FY 2009 provides continued funding to complete softball field lighting installation at Madison High School. This effort is being coordinated by the Department of Community and Recreation Services.

Details: Paydown Program (General Fund)

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
005006	Parks Maintenance of FCPS Fields (Countywide)	Continuing	\$738,648	Funding is included to support general maintenance at designated FCPS athletic fields. This maintenance effort includes a consistent mowing frequency of 28 times per year at 473 athletic fields (approximately 176 school sites) and provides for aeration and over-seeding to improve turf coverage and reduce the chance of injury. This program was established in an effort to maintain consistent standards among all athletic fields, improve playing conditions and safety standards, and increase user satisfaction. This effort is managed by the Park Authority; however, all field maintenance will be coordinated with CRS.
005009	Athletic Field Maintenance (Countywide)	Continuing	\$2,430,384	Funding to continue athletic field maintenance efforts on Park Authority athletic fields. Athletic field costs include electricity for lighted facilities and maintenance of lighting systems, water and irrigation system maintenance, and minor ball field repairs. This level of funding reflects an increase of \$150,000 to begin to address increases in water and electricity costs experienced in recent years. This effort is being coordinated by the Fairfax County Park Authority.

Details: Paydown Program (General Fund)

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
005012	Athletic Services Fee-Field Maintenance (Countywide)	Continuing	\$750,000	<p>Funding is included for maintenance of school athletic fields. In addition to General Fund support of \$750,000, an amount of \$250,000 is also included for this program based on the FY 2009 revenue projection, of the Athletic Services Fee. This project will provide consolidated funding for maintenance performed by the Park Authority on Fairfax County Public Schools (FCPS) athletic fields, and will directly apply revenue generated by the Athletic Services Fee to the athletic field maintenance program. The maintenance provides a consistent mowing frequency schedule for high school diamond fields, as well as diamond field infield preparation twice a week for all elementary, middle and high school fields. It also provides for post-season field treatment standards and a maintenance schedule for recently completed irrigation and lighting projects on FCPS fields. The total funding for this program in FY 2009 is \$1,000,000.</p>
005020	APRT-Amenity Maintenance (Countywide)	Continuing	\$50,000	<p>Funding for routine maintenance of girl's 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 by the citizen-led Action Plan Review Team 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 5 years, funding of \$200,000 was provided to support Girl's Fast Pitch Field Maintenance improvements to various girl's softball fields throughout the County as requested by the Fairfax Athletic Inequities Reform (FAIR). Funding for the Girl's Fast Pitch Field Maintenance Project ended in FY 2004. FY 2009 funding will provide maintenance to the improvements and amenities made to girl's softball fields.</p>

Details: Paydown Program (General Fund)

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
007012	SACC Contribution (Countywide)	Continuing	\$750,000	Funding for the annual County contribution to help offset school operating and overhead costs associated with SACC centers. The construction and renovation costs for SACC centers are funded by the FCPS through General Obligation Bonds for which the debt service costs are provided by the County General Fund.
008043	Northern Virginia Community College (Countywide)	Continuing	\$1,016,483	Funding for the annual County 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. NVCC has assessed \$1.00 per resident for each jurisdiction, based on census data. FY 2009 funding represents a \$1.00 per capita using the Weldon Cooper Center population figure of 1,016,483.
009416	ADA Compliance- FCPA (Countywide)	Continuing	\$300,000	Funding to continue the implementation of Americans with Disabilities Act (ADA) compliance at Park facilities. FY 2009 funding will continue to support mandated retrofits at Lake Fairfax Park including the outdoor restroom, parking spaces, and an accessible route to the picnic pavilion.
009417	Parks-General Maintenance (Countywide)	Continuing	\$425,000	Funding for major maintenance and repairs at non-revenue generating Park Authority facilities including electrical and lighting systems, security and fire alarm systems, sprinklers, HVAC improvements, roof repairs and the structural preservation of park historic sites. Facilities maintained include field houses, bathhouses, pump houses, maintenance facility sheds, shelters, and office buildings. Priorities are based on an assessment of current repair needs associated with safety and health issues, facility protection, facility renewal, and improved services.

Details: Paydown Program (General Fund)

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
009422	Maintenance - CRP (Countywide)	Continuing	\$251,671	Funding provides for recurring maintenance associated with Commercial Revitalization Program (CRP) capital improvements. The CRP maintenance program was approved by the Board of Supervisors on December 2, 1996. Maintenance projects include landscaping, mowing trash pick-up, maintenance of bicycle racks, area signs, street furniture, and drinking fountains. Maintenance will be provided in four major revitalization areas in Fairfax County including: Annandale, Route 1, Springfield, and Baileys Crossroads. The inventory of areas maintained in CRP districts continues to increase annually. In addition, an amount of \$148,329 is supported by the allocation of HB 599 state revenues, for a total of \$400,000 in FY 2009.
009432	Telecommunication and Network Connections (Countywide)	Continuing	\$190,000	Funding to support phone systems at new facilities including voice/data/wireless cabling, data switch and new telecommunications system. FY 2009 funding in the amount of \$190,000 is included for telecommunications systems at several new facilities including: the West Ox Bus Garage (\$65,000), the Health Department Lab being relocated to Belle Willard (\$100,000) and the Mt. Vernon Mental Health Center (\$25,000). Funding in the amount of \$900,000 is included for I-Net connections for the following facilities: Thomas Jefferson Library, Dolley Madison Library, Girls Probation House, Less Secure Shelter, Gregory Drive Treatment Facility, Health Department Lab, Public Safety Transportation and Operations Center (PSTOC), Burke Centre Library, Wolftrap Fire Station, Richard Byrd Library, Great Falls Fire Station, Martha Washington Library and the Mt. Vernon Mental Health Center. Of this amount, \$190,000 is supported by the General Fund, and an additional \$900,000 is supported from Fund 105, Cable Communications for a total of \$1,090,000 in FY 2009.

Details: Paydown Program (General Fund)

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
009442	Parks-Grounds Maintenance (Countywide)	Continuing	\$987,076	Funding for grounds maintenance at non-revenue producing countywide parks. Grounds maintenance includes the upkeep of sidewalks and parking lots, bridges, recreation and irrigation equipment, picnic equipment, tennis courts, and trails. In addition, grounds maintenance includes contracted mowing of grassy areas at park sites.
009443	Parks-Facilities Maintenance (Countywide)	Continuing	\$470,000	Funding for routine repairs of non-revenue generating facilities (367 buildings totaling over 400,000 square feet) and over 276 pieces of equipment (mowers, tractors, etc.). Facility maintenance includes the replacement of broken windows and doors, equipment repairs, and scheduled inspections of HVAC, security and fire alarm systems.
009494	Salona Property (Dranesville)	Continuing	\$1,080,149	Funding for the fourth payment associated with the Salona property. Based on the Board of Supervisor's approval of the purchase of a conservation easement associated with the Salona property on September 26, 2005 an amount of \$1,080,149 is provided for the FY 2009 payment. The total cost of the property is \$18.2 million with payments scheduled through FY 2026.

Details: Paydown Program (General Fund)

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
009700	Environmental Agenda Initiatives (Countywide)	Continuing	\$600,000	This project provides funding for initiatives that directly support the Board of Supervisors Environmental Agenda. The Environmental Excellence 20-year Vision Plan (Environmental Agenda) includes six topic areas: Growth and Land Use; Air Quality and Transportation; Water Quality; Solid Waste; Parks, Trails and Open Space; and Environmental Stewardship. FY 2009 prioritized initiatives include: continued outreach materials for air quality awareness targeted at County employees, residents, school children and business owners (\$30,000); removal of invasive plants that threaten native plant communities and expansion of Park Authority volunteer and outreach programs (\$150,000); an additional five remote household hazardous waste events (\$75,000); litter campaign and other environmental initiatives (\$66,900); and energy management at eight park facilities (\$278,100). In addition, an amount of \$108,000 has been provided in Fund 119, Contributory Fund to continue partnering with three non-profit agencies to expand tree planting throughout the County.
009800	Revitalization Initiatives (Countywide)	\$1,033,376	\$190,000	Funding is included to support commercial revitalization initiatives. The Revitalization Initiatives program will provide support for the Office of Community Revitalization and Reinvestment within the Office of the County Executive on revitalization activities, marketing materials for countywide revitalization initiatives, consultant services and training.
009998	Payments of Interest on Conservation Bonds (Countywide)	Continuing	\$100,000	Funding for payment to developers for interest earned on conservation bonds. The County requires developers to make deposits to ensure the conservation of natural resources. Upon satisfactory completion of the project, the developer is refunded the deposit with interest.
Total		\$1,033,376	\$10,529,411	

Details: Paydown Program (General Fund)

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
Fund 312, Public Safety Construction				
009218	Courthouse IT Equipment and Support (Providence)	\$11,000,150	\$800,000	Funding is included for system furniture required for the courthouse expansion project. An amount of \$800,000 is included for the third year of a five year lease purchase agreement associated with required systems furniture for the expanded courthouse.
Total		\$11,000,150	\$800,000	
Fund 340, Housing Assistance Program				
014272	Community Improvement Program Costs (Countywide)	\$515,000	\$515,000	Funding for staff and administrative costs associated with community improvement projects.
Total		\$515,000	\$515,000	

TOTAL PAYDOWN (GENERAL FUND)

\$11,844,411

Details: Paydown Program (House Bill 599)

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
Fund 303, County Construction				
U00005	Survey Network Control Monumentation (Countywide)	Continuing	\$125,000	Funding to support the maintenance and establishment of geodetic survey control points for the GIS system. Monumentation is placed on the ground for the use of both the private and public sector for surveying and mapping control. More than 1,400 survey monuments have been established in the County; however, it is estimated that more than one-third of these no longer exist as a result of construction activities, erosion and vandalism. This project also supports the development and maintenance of an interactive, GIS-based Web site which will provide convenient and cost-effective monumentation information to the County's land development customers.
U00060	Developer Defaults (Countywide)	Continuing	\$450,000	Funding 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. The receipt of monies from developer escrow and court judgments and/or compromise settlements is often not sufficient to offset the costs. It should be noted there has been an increased level of activity for this program in recent years and current projections indicate this trend will continue. Land Development Services (LDS) anticipates 18 to 20 new projects will be identified for resolution in FY 2009 as well as 50 requests to prepare composite cost estimates to complete specific developer default projects. FY 2009 funding in the amount of \$750,000 is included for developer default projects that will be identified throughout the fiscal year. Of this amount, \$300,000 is projected in developer default revenue, and \$450,000 is supported by the allocation of HB 599 state revenues.

Details: Paydown Program (House Bill 599)

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
V00002	Emergency Road Repairs (Countywide)	Continuing	\$75,000	Funding to support emergency and safety road repairs to County-owned service drives and County-owned stub streets which are currently not accepted by the Virginia Department of Transportation (VDOT) into the state highway system for maintenance. Emergency safety repairs include pothole repair, drive surface overlays, sidewalk and curb repairs, traffic and pedestrian signage, and hazardous tree removal.
Z00016	Minor Streetlight Upgrades (Countywide)	Continuing	\$20,000	Funding to support minor upgrades and repairs to existing streetlights that do not meet current Virginia Department of Transportation illumination standards for roadways.
009422	Maintenance - CRP (Countywide)	Continuing	\$148,329	Funding provides for recurring maintenance associated with Commercial Revitalization Program (CRP) capital improvements. The CRP maintenance program was approved by the Board of Supervisors on December 2, 1996. Maintenance projects include landscaping, mowing trash pick-up, maintenance of bicycle racks, area signs, street furniture, and drinking fountains. Maintenance will be provided in four major revitalization areas in Fairfax County including: Annandale, Route 1, Springfield, and Baileys Crossroads. The inventory of areas maintained in CRP districts continues to increase annually. In addition, an amount of \$251,671 is supported by the General Fund, for a total of \$400,000 in FY 2009.
009444	Laurel Hill (Mount Vernon)	Continuing	\$1,672,006	Funding to continue to address property management and development at the Laurel Hill property. Laurel Hill was transferred to the County by the federal government in early 2002. The property includes approximately 2,340 acres of land and 1.48 million square feet of building space. FY 2009 funding continues to address needs at this site, including a security/maintenance contract, consulting services, structural maintenance and utilities at existing buildings, custodial, planning, engineering positions, and maintenance of park facilities.

Details: Paydown Program (House Bill 599)

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
009702	County Cemetery (Mt. Vernon)	\$500,000	\$500,000	Funding for development of a new County cemetery. Although the current County cemetery has been full for over 10 years, the County has continued to support indigent burials through a contract with a private cemetery. There is concern about the private vendor continuing to be available as land becomes more scarce and costs increase. FY 2009 funding will address development needs for a new cemetery proposed on property off of Old Colchester Road near the Noman G. Cole, Jr. Pollution Control Plant (NCPCP) including: a small parking lot, relocation of an existing security gate, additional fencing, a columbarium, and landscaping.
Total		\$500,000	\$2,990,335	
Fund 307, Pedestrian Improvements				
X00407	Sidewalk Replacement/VDOT Participation (Countywide)	\$2,700,000	\$300,000	Funding to continue the Virginia Department of Transportation (VDOT) Sidewalk Participation Program, which allows VDOT to repair and replace County-maintained sidewalks in concert with existing VDOT construction. The County then reimburses VDOT once repairs are complete. County costs are minimized based on VDOT's ability to implement multiple sidewalk construction contracts simultaneously.
Total		\$2,700,000	\$300,000	
Fund 317, Capital Renewal Construction				
003100	Fire Alarm Systems (Countywide)	Continuing	\$1,020,000	Funding to support the replacement of fire alarm systems throughout the County. Fire alarm systems are replaced based on age and difficulty in obtaining replacement parts and service. FY 2009 funding is included for the replacement of fire alarm systems installed in the original Adult Detention Center building in 1975 (\$720,000), and the 10 year old system at the Criminal Justice Academy (\$300,000), both of which are experiencing failure due to age and obsolete system parts. In general, the useful life of fire alarm systems is 15 years.

Details: Paydown Program (House Bill 599)

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
009151	HVAC/Electrical Systems (Countywide)	Continuing	\$3,875,000	Funding is included for HVAC replacement at prioritized County facilities, based on the severity of problems including overloaded systems, fire hazards, costly repairs and lack of alternative funding sources. This funding level will provide for HVAC replacement and electrical repairs for the 18 year old system at the Government Center (\$2,200,000), the 36 year old system at the Police Annex (\$850,000), the 3 year old system at the James Lee Community Center which is experiencing inefficient system operations (\$575,000) and the 50 year old system at the Patrick Henry Shelter (\$250,000). All of these repairs have been classified as safety-imminent repairs or critical systems beyond their useful life in risk of failure, or life-cycle repairs/replacements where repairs are no longer cost effective. In general, the useful life of HVAC/Electrical systems is 20 years.
009431	Emergency Generator Replacement (Countywide)	Continuing	\$320,000	Funding for the emergency generator replacement program. This program was established to address the replacement of generators that have outlived their useful life of 25 years. FY 2009 funding is included to replace the generators and obsolete parts for the 17 year old system at Bailey's Fire Station (\$80,000), the 24 year old system at the Criminal Justice Academy (\$80,000), the 11 year old system at the Gum Springs Community Center (\$80,000), and the 18 year old system at the Mt. Vernon Fire Station (\$80,000). In general, the useful life of generators is 25 years.

Details: Paydown Program (House Bill 599)

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
009600	Elevator Replacement (Countywide)	Continuing	\$1,709,321	Funding for the emergency elevator replacement program. This program was established to address the replacement of elevators that have outlived their useful life. FY 2009 funding is included to replace obsolete elevator components installed in the 18 year old system at the Government Center (\$1,339,321), and replace the 36 year old system for one elevator at the Historic Courthouse which is used by the public (\$370,000). Funding supports replacement of the elevator equipment, architectural and engineering costs, and installation and modification of related systems. This new elevator equipment will satisfy all current code requirements for elevator safety devices. In general, the useful life of elevators is 25 years
Total		Continuing	\$6,924,321	

TOTAL PAYDOWN (HOUSE BILL 599 STATE REVENUES)	\$10,214,656
TOTAL PAYDOWN PROGRAM	\$22,059,067

Details: Real Estate Tax Revenue Associated with Dedicated Pennies

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
Fund 318, Stormwater Management Program				
CA8000	Cameron Run Watershed Projects (Braddock, Lee, Mason, Mount Vernon, Providence)	\$2,815,000	\$400,000	As management plans are developed for each of the 30 watersheds within the County, projects are identified that will restore and protect the County's streams. These projects improve water quality, wildlife habitat, and provide increased community stewardship opportunities in support of state/federal requirements and the County's commitment to the Chesapeake Bay 2000 agreement. Implementation includes such practices as public education campaigns, street/parking lot sweeping, acquisition of conservation easements, buffer restoration, wetlands restoration, conversion of stormwater management ponds to Best Management Practice (BMP) facilities, stream restoration, and installation of Low Impact Development (LID) features. Implementation strategies and goals are developed on a watershed basis. Funding is included for improvements identified in the Cameron Run watershed management plan.
CU8000	Cub Run Watershed Projects (Springfield, Sully)	\$875,249	\$400,000	Funding is included for improvements identified in the Cub Run watershed management plan.
DC8000	Kingstowne Monitoring (Lee)	\$1,173,299	\$300,000	Funding to support ongoing monitoring and maintenance requirements associated with the Kingstowne environmental program. This program was established by the Board of Supervisors in June 1985 and was intended to continue until completion of the Kingstowne Development. In FY 2002, the program was expanded to include the water quality monitoring requirements of the U.S. Army Corps of Engineers for the development of the South Van Dorn Street extension.
DF8000	Difficult Run Watershed Projects (Dranesville, Hunter Mill, Providence, Springfield, Sully)	\$1,050,000	\$400,000	Funding is included for improvements identified in the Difficult Run watershed management plan.

Details: Real Estate Tax Revenue Associated with Dedicated Pennies

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
FX0001	Interim Watershed Projects (Countywide)	\$4,315,000	\$2,800,000	This project provides funds to address watershed implementation plans in the County. Watershed plans for approximately 55 percent of the County are already complete. Implementation of these plans is funded through individual projects. Funding to complete the watershed planning effort for the remaining 45 percent of the County was allocated in FY 2007. Consultants have been selected and contract processes are ongoing. Completion of all watershed plans is expected to be staggered in the next 2-3 years, with several nearing completion during FY 2009. This project provides funding to allow for some project implementation prior to completion of the plans, as well as for projects to begin immediately for each new watershed plan as they are finalized.
FX0002	Contributions for Planting Through Earth Sangha Inc. (Countywide)	\$120,000	\$60,000	This project provides funding to Earth Sangha Inc. for joint participation projects related to tree buffer restoration projects throughout Fairfax County. The buffer restoration projects are in support of the overall stormwater program to re-establish native plant buffers adjacent to streams and natural waterways. Earth Sangha is a non-profit organization that will achieve project goals by leveraging the use of volunteers, and provide significant opportunities for community involvement and environmental awareness. The tree buffer restoration initiative through the use of non-profit organizations and volunteer efforts is consistent with the Board of Supervisors' Environmental Agenda, and the County's requirements for public outreach efforts associated with the municipal separate storm system (MS4) permit.

Details: Real Estate Tax Revenue Associated with Dedicated Pennies

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
FX0003	Contributions for Planting Through Fairfax Releaf Inc. (Countywide)	\$30,000	\$15,000	This project provides funding contributions to Fairfax Releaf Inc. for tree planting projects throughout Fairfax County. The tree planting projects are consistent with the overall stormwater program to re-establish native plant buffers which increases the natural absorption of stormwater runoff associated with ground imperviousness. Fairfax Releaf is a non-profit organization that achieves project goals by leveraging the use of volunteers, and provides significant opportunities for community involvement and environmental awareness, which is consistent with the Board of Supervisors' Environmental Agenda, and the County's requirements for public outreach efforts associated with the municipal separate storm system (MS4) permit.
FX0005	Operations Support (Countywide)	\$5,234,048	\$5,234,048	This project provides for staff and operational support costs for implementation of the Stormwater program. In FY 2009, the Stormwater Planning Division (SPD) and a portion of the Maintenance and Stormwater Management Division (MSMD) within the Department of Public Works and Environmental Services (DPWES) will charge positions and associated costs to Fund 318 in the amount of \$4,365,213. FY 2009 total funding of \$5,234,048 includes the above adjustment and recovered costs that were previously billed to various projects within this fund. Administrative expenses will be charged directly to Project FX0005, Operations Support, and will not be charged to individual projects throughout the fund. The staff costs represent the internal staff time for positions while working on stormwater projects in Fund 318. Additionally, the project will provide the operational support for the Stormwater program related to Information Technology requirements and computer software support. Other operational support funded under this project will include, but is not limited to, goods and services all required in support of the Stormwater program.

Details: Real Estate Tax Revenue Associated with Dedicated Pennies

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
FX1000	Storm Drainage Improvements and Innovative Projects (Countywide)	\$4,801,665	\$1,500,000	This project provides funding to address storm drainage projects that are not associated with the watershed implementation projects. These storm drainage projects are identified through inspection programs and citizens requests for assistance that require projects to correct deficiencies to existing storm drainage systems. In addition, this project provides funding for innovative low impact development projects to retrofit existing county owned facilities for environmental stormwater management opportunities. Innovative stormwater management systems such as green roof designs and rain gardens are developed and designed to manage stormwater runoff.
FX3000	Stormwater Program Support (Countywide)	\$750,000	\$250,000	The County's aggressive stormwater implementation program, and resulting increase in projects, requires additional field inspection, stormwater analysis, and construction quality control. Contract employees will be assigned to work under the direction of County staff, and perform inspection, testing, research and analysis, utility coordination and project close-out.
FX4000	Dam Safety Projects (Countywide)	\$9,857,418	\$2,720,000	Funding will enable the County to meet State permit requirements, assessment and monitoring of dams, and associated dam repair activities. The Virginia Department of Conservation and Recreation (DCR) regulate some of the dams that are maintained by the Department of Public Works and Environmental Services (DPWES). In order to obtain the required permits, the County must perform enhanced inspections of all dams and address safety requirements. In addition to the dam safety program, the County also maintains in excess of 1,000 non-regulated dams that also require assessment and associated repair activities that are funded under this project. It is anticipated that as the level and frequency of inspections on these smaller facilities increase, additional maintenance requirements will be identified.

Details: Real Estate Tax Revenue Associated with Dedicated Pennies

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
FX5000	Stormwater Management Facilities (Countywide)	\$5,980,381	\$1,000,000	Funding supports a comprehensive engineering and inspection assessment of the public and private stormwater management infrastructure as required under the County's MS4 permit. This work includes field inspection activities, punch list development, private owner training, coordination, outreach, enforcement, and construction quality control of rehabilitation activities.
FX6000	Infrastructure Reinvestment Program (Countywide)	\$16,773,278	\$4,455,952	Funding supports a comprehensive inspection, design, and contract administration program to rehabilitate, upgrade, and replace dilapidated County storm drainage infrastructure. The County storm drainage network consists of over 1,800 miles of pipe and in excess of 45,000 drainage structures. Much of this drainage system is nearing the end of its useful life. Funds from this project are also being used to build the Geographic Information System (GIS) and computerized project management systems that are used to manage and operate the storm drainage projects.

Details: Real Estate Tax Revenue Associated with Dedicated Pennies

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
FX7000	Municipal Separate Storm Sewer System Permit (Countywide)	\$7,159,267	\$1,740,000	Funding supports activities associated with the Virginia Pollutant Discharge Elimination System Municipal Separate Storm Sewer System (MS4) permit, which is required as part of the Clean Water Act amendments of 1987. The permit mandates implementation of a stormwater quality management program. The MS4 discharge permit is considered a 5-year renewal cycle as part of the National Pollutant Discharge Elimination System permits, which were last approved for the County in January 2002. Activities include water quality testing, watershed master planning, capital improvement programs, outreach and education and development of the GIS-based storm sewer system inventory. Permit activities are also affected by other state and federal mandates, including Total Maximum Daily Loads, the Chesapeake 2000 Agreement, and the Virginia Tributary Strategies. The County's MS4 permit expired in January 2007. Currently, the County is operating under extension of the expired permit while negotiations on permit renewal are continuing. The potential for program additions is likely with issuance of the new permit.
FX8000	Emergency Watershed Projects (Countywide)	\$1,586,307	\$325,000	Funding supports the correction of emergency drainage problems, engineering studies, and construction to alleviate flooding problems of a recurring or emergency nature that arise during the fiscal year. Due to their emergency nature, these drainage problems cannot be identified in advance.
LH8000	Little Hunting Creek Watershed Projects (Lee, Mount Vernon)	\$2,430,070	\$400,000	Funding is included for improvements identified in the Little Hunting Creek watershed management plan.
MP8000	Middle Potomac Watershed Projects (Dranesville, Providence)	\$900,000	\$400,000	Funding is included for improvements identified in the Middle Potomac watershed management plan.

Details: Real Estate Tax Revenue Associated with Dedicated Pennies

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
PH8000	Popes Head Creek Watershed Projects (Braddock, Springfield)	\$2,030,000	\$400,000	Funding is included for improvements identified in the Popes Head Creek watershed management plan.
Total		\$67,880,982	\$22,800,000	
Fund 319, The Penny for Affordable Housing Fund				
014196	Affordable/ Workforce Housing Projects (Countywide)	Continuing	\$19,800,000	Funding supports the preservation of affordable housing. Funding is provided to meet the Board of Supervisors' initial goal to preserve 1,000 units of affordable housing was met by the end of FY 2007; as of January 2008, a total of 2,207 units have been preserved. Between 1997 and 2004, the County lost 1,300 affordable units that have been converted into luxury condominiums or market-rate apartments.
014239	Crescent Apartments (Hunter Mill)	\$58,127,326	\$3,000,000	Funding is included for the annual debt service payment associated with the Crescent Apartment complex that was acquired in FY 2006.
Total		\$58,127,326	\$22,800,000	

TOTAL REAL ESTATE TAX ASSOCIATED WITH DEDICATED PENNY

\$45,600,000

Details: General Obligation Bonds

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
Fund 302, Library Construction				
004850	Library Feasibility Studies (Countywide)	Continuing	\$1,046,925	Funding to support library feasibility studies approved as part of the fall 2004 library bond referendum. Studies will focus on Woodrow Wilson, Tysons-Pimmit Regional, Pohick Regional, Reston Regional and John Marshall Libraries, and will help to determine the scope and cost of future renovation and expansion of these facilities.
Total		Continuing	\$1,046,925	
Fund 306, Northern Virginia Regional Park Authority				
NA	County Contribution (Countywide)	Continuing	\$2,596,839	Funding to support Fairfax County's capital contribution to the Northern Virginia Regional Park Authority (NVRPA). Funding provides for costs associated with construction, park development, and capital requirements according to plans adopted by the NVRPA Board and its Capital Improvement Program. FY 2009 represents the first of four years of County contributions associated with \$11.0 million in the planned 2008 referendum. It will allow the NVRPA to continue to address needed capital infrastructure improvements.
Total		Continuing	\$2,596,839	
Fund 309, Metro Operations and Construction				
NA	NA	Continuing	\$23,828,000	General Obligation Bond funding to support the 106-mile Metrorail system as well as to maintain and/or acquire facilities, equipment, railcars and buses.
Total		Continuing	\$23,828,000	
Fund 390, Public School Construction				
NA	NA	Continuing	\$155,000,000	Funding is included for various school construction projects financed by General Obligation Bonds. For details, see the <u>FY 2009 Superintendent's Proposed Budget</u> .
Total		Continuing	\$155,000,000	

TOTAL GENERAL OBLIGATION BONDS

\$182,471,764

Details: Wastewater Management System

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
Fund 402, Sewer Construction Improvements				
I00351	Pump Station Renovations (Countywide)	Continuing	\$3,000,000	Funding supports the renovation of pumping stations within the Wastewater Management Program. FY 2009 funding provides for the repair, renovation, replacement and upgrade of various pumping station equipment. This funding will also ensure proper operations in the wastewater conveyance during power outages.
L00117	Dogue Creek Rehab/ Replacement (Mount Vernon)	Continuing	\$4,000,000	Funding for the replacement of the Dogue Creek Force Main. The Dogue Creek Force Main is approximately 4,350 linear feet of 36-inch trunk line. FY 2009 funding provides for the replacement of back-up power generators and fund repair, renovation and replacement of pumping station equipment.
X00826	Extension Projects (Countywide)	\$27,938,799	\$5,000,000	Funding for the completion of sewer extension and improvement projects in those areas of the County with chronic septic system failures. FY 2009 funding provides for the installation of approximately 12,000 linear feet of eight-inch sanitary sewer line. This funding will address septic failures for 87 dwellings on River Oaks Road as recommended by the Health Department.
X00905	Replacement and Transmission (Countywide)	Continuing	\$7,500,000	Funding for the systematic rehabilitation of the County's more than 3,330 miles of sanitary sewer lines. Funding includes \$7,500,000 for the recurring repair, replacement and renovation of 20 miles of sewer lines using predominantly "no dig" technologies.
X00910	Replacement and Renewal (Mount Vernon)	Continuing	\$4,000,000	Funding for the replacement of equipment and facilities at the Norman M. Cole, Jr. Pollution Control Plant to maintain efficient operations and meet permit requirements. Funding supports the carbon replacement for the plant's filter systems, methanol additional facilities for nitrogen removal, surge suppression of voltage spikes, incinerator rehabilitation, rehabilitation of tertiary clarifiers and grit building rehabilitation, replacement of backup generators, completion of the sludge dewatering facility replacement and provides for a stormwater management plan to control the plant's stormwater runoff.
Total		\$27,938,799	\$23,500,000	

Details: Wastewater Management System

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
Fund 408, Sewer Bond Construction				
G00902	DC Treatment Blue Plains (Countywide)	Continuing	\$10,000,000	Funding supports the payment to District of Columbia Water and Sewer Authority (DCWASA) for Fairfax County's share of the project costs associated with upgrades to the Plant. The County pays for approximately 8.4 percent of the total costs for the design and construction of the upgrade for nitrification and sludge handling facilities. FY 2009 funding is required to meet the County's obligation based on the projected construction schedule. Initial design expenditures were funded in Fund 402, Sewer Construction Improvements.
G00904	Arlington Treatment Plant Upgrade (Countywide)	\$25,750,000	\$12,000,000	Funding supports the expansion and improvement of the Arlington County Wastewater Treatment Plant for enhanced nitrogen removal. The Fairfax County Board of Supervisors renewed the service agreement with Arlington County in July 1994 for the purchase of permanent sewage treatment capacity allocation of three million gallons per day in the expanded and improved Arlington Wastewater Treatment Plant. FY 2009 funding is required to meet the County's obligation and is based on the current construction schedule. Initial design expenditures were funded in Fund 402, Sewer Construction Improvements.
I00906	ASA Plant Improvements (Various)	Continuing	\$25,000,000	Funding to support the payment of the Alexandria Sanitation Authority for Fairfax County's 60 percent share of construction costs associated with plant upgrades to the Alexandria Wastewater Treatment Plant. FY 2009 funding provides for the County's share of land acquisition costs and is based on the current construction schedule. Initial design expenditures were funded in Fund 402, Sewer Construction Improvements.

Details: Wastewater Management System

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
N00322	Noman M. Cole, Jr. Pollution Control Plant Upgrades (Mount Vernon)	\$137,366,502	\$15,000,000	Funding supports upgrades to the Noman M. Cole, Jr. Pollution Control Plant to meet nitrogen removal standards. Currently, the plant has the capabilities of meeting the current nitrogen removal target of 8.0 milligrams per liter. However, the State is requiring that the plant meet a standard of 3.0 milligrams per liter. In order to meet the 3.0 milligrams per liter limit, an upgrade of the plant's current nitrogen removal process will be required. Initial design expenditures were funded in Fund 402, Sewer Construction Improvements.
X00911	Noman M. Cole, Jr. Pollution Control Plant Renovations (Mount Vernon)	\$118,829,000	\$12,000,000	Funding supports the repair, replacement, and renovation of facilities at the Noman M. Cole, Jr. Pollution Control Plant to maintain efficient operations and meet permit requirements. FY 2009 funding specifically supports the carbon replacement of the plant's filter systems, surge suppression of voltage, spikes, incinerator rehabilitation, treatment clarifiers and grit building rehabilitation, installation of backup generators, the final phase of sludge dewatering facility replacement and the stormwater management plan to control the plant's stormwater runoff. Initial design expenditures were funded in Fund 402, Sewer Construction Improvements.
Total		\$281,945,502	\$74,000,000	

TOTAL WASTEWATER MANAGEMENT SYSTEM

\$97,500,000

Details: Other Financing

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
Fund 109, Refuse Collection				
109001	Newington Facility Enhancements (Mount Vernon)	\$1,393,038	\$225,000	Funding for improvements and necessary maintenance of the Newington facility including building repairs, lighting and electrical system upgrades, the replacement/upgrade of the infrared heating system (including a new heating system in the storage building), waste oil heater installation and roof/skylight maintenance.
Total		\$1,393,038	\$225,000	
Fund 110, Refuse Disposal				
174007	Workers Facility (Springfield)	\$4,574,656	\$4,574,656	Funding is included to support the construction of a Workers Facility at the I-66 Transfer Station to replace the existing work and training space currently housed in a used trailer. This facility is anticipated to be a two story 12,000 square foot building that contains office space for supervisors, a lunch room, a large conference room for employee training, locker rooms, showers, and adequate number of bathrooms for employees.
Total		\$4,574,656	\$4,574,656	
Fund 111, Reston Community Center				
003717	Reston Community Center Facility Renovations (Hunter Mill)	\$5,750,208	\$1,895,490	Funding supports the renovation of the aquatics area, the replacement of the Heating Ventilation and Air Conditioning (HVAC) system and renovation of the theatre.
Total		\$5,750,208	\$1,895,490	
Fund 113, McLean Community Center				
003601	McLean Community Center Improvements (Dranesville)	\$2,594,833	\$227,000	Funding supports the installation of a theatre sound system, design for an HVAC upgrade and expansion of office space for the Scene Shop.
Total		\$2,594,833	\$227,000	
Fund 144, Housing Trust Fund				
014116	Affordable Housing Partnership Program (Countywide)	\$1,350,000	\$1,350,000	Funding included as a planning factor for further project feasibility studies in the Affordable Housing Partnership Program.

Details: Other Financing

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
014143	Housing Trust Fund Land/Unit Acquisition (Countywide)	Continuing	\$250,000	Funding included as a planning factor for the future acquisition of land and affordable dwelling units for FCRHA projects.
014191	Rehabilitation of FCRHA Properties (Countywide)	\$1,874,000	\$250,000	Funding is included as a planning factor to rehabilitate FCRHA non-public housing residential properties in order to maintain property safety and neighborhood quality of life standards.
Total		\$3,224,000	\$1,850,000	
Fund 301, Contributed Roadway Improvement Fund				
007700	Fairfax Center Reserve (Providence)	Continuing	\$709,478	Funding is based on anticipated contributions and pooled interest income for roadway construction in Fairfax Center area.
008800	Centreville Reserve (Sully)	Continuing	\$137,307	Funding is based on anticipated contributions and pooled interest income for roadway construction in Centreville area.
009900	Miscellaneous Contributions (Countywide)	Continuing	\$1,976,911	Funding is based on anticipated contributions and pooled interest income for miscellaneous roadway improvements.
009911	Tysons Corner Reserve (Providence)	Continuing	\$1,101,981	Funding is based on anticipated contributions and pooled interest income for roadway construction in Tysons Corner area.
Total		Continuing	\$3,925,677	

Details: Other Financing

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
Fund 303, County Construction				
005012	Athletic Services Fee- Field Maintenance (Countywide)	Continuing	\$250,000	Funding is included for maintenance of school athletic fields. In addition to General Fund support of \$750,000, an amount of \$250,000 is also included for this program based on the FY 2009 revenue projection, of the Athletic Services Fee. This project will provide consolidated funding for maintenance performed by the Park Authority on Fairfax County Public Schools (FCPS) athletic fields, and will directly apply revenue generated by the Athletic Services Fee to the athletic field maintenance program. The maintenance provides a consistent mowing frequency schedule for high school diamond fields, as well as diamond field infield preparation twice a week for all elementary, middle and high school fields. It also provides for post-season field treatment standards and a maintenance schedule for recently completed irrigation and lighting projects on FCPS fields. The total funding for this program in FY 2009 is \$1,000,000.
005013	Athletic Services Fee- Turf Field Development (Countywide)	Continuing	\$500,000	Funding is included to support the Synthetic Turf Development Program, based on the FY 2009 revenue projection, supported by revenue generated from the Athletic Services Fee. This program facilitates the development of synthetic turf fields throughout the County. Fields are chosen through a review process based on the need in the community, projected community use, and the field location and amenities. In addition, to this funding, on November 7, 2006, the voters approved a \$25 million Park Bond Referendum of which \$10 million is earmarked to fund the conversion of up to 12 fields from natural turf to synthetic turf.

Details: Other Financing

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
005014	Athletic Services Fee- Custodial Support (Countywide)	Continuing	\$200,000	Funding is provided for custodial support of 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 has been 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 managed by the Department of Community and Recreation Services.
009432	Telecommunication and Network Connections (Countywide)	Continuing	\$900,000	Funding to support phone systems at new facilities including voice/data/wireless cabling, data switch and new telecommunications system. FY 2009 funding in the amount of \$190,000 is included for telecommunications systems at several new facilities including: the West Ox Bus Garage (\$65,000), the Health Department Lab being relocated to Belle Willard (\$100,000) and the Mt. Vernon Mental Health Center (\$25,000). Funding in the amount of \$900,000 is included for I-Net connections for the following facilities: Thomas Jefferson Library, Dolley Madison Library, Girls Probation House, Less Secure Shelter, Gregory Drive Treatment Facility, Health Department Lab, McConnell Public Safety Transportation and Operations Center (MPSTOC), Burke Centre Library, Wolftrap Fire Station, Richard Byrd Library, Great Falls Fire Station, Martha Washington Library and the Mt. Vernon Mental Health Center. Of this amount, \$190,000 is supported by the General Fund, and an additional \$900,000 is supported from Fund 105, Cable Communications for a total of \$1,090,000 in FY 2009.

Details: Other Financing

Project Number	Project Name (District)	Total Project Estimate	FY 2009 Funded	Description
U00060	Developer Defaults (Countywide)	Continuing	\$300,000	Funding 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. The receipt of monies from developer escrow and court judgments and/or compromise settlements is often not sufficient to offset the costs. It should be noted there has been an increased level of activity for this program in recent years and current projections indicate this trend will continue. Land Development Services (LDS) anticipates 18 to 20 new projects will be identified for resolution in FY 2009 as well as 50 requests to prepare composite cost estimates to complete specific developer default projects. FY 2009 funding in the amount of \$750,000 is included for developer default projects that will be identified throughout the fiscal year. Of this amount, \$300,000 is projected in developer default revenue, and \$450,000 is supported by the allocation of HB 599 state revenues.
Total		Continuing	\$2,150,000	
Fund 390, Public School Construction				
NA	NA	Continuing	\$12,997,005	Funding is included for various school construction projects financed from a state construction grant, Parent Teachers Association/Parent Teachers Organization receipts, and transfers from Fund 090, Public School Operating Fund. For details, see the FY 2009 Superintendent's Proposed Budget .
Total		Continuing	\$12,997,005	

TOTAL OTHER FINANCING

\$27,844,828