

Capital Projects Overview

This section includes:

- ▶ *Summary of Capital Construction Program (Page 112)*
- ▶ *Expenditure and Financing Summary Charts (Page 129)*
- ▶ *Capital Project Details (Page 131)*

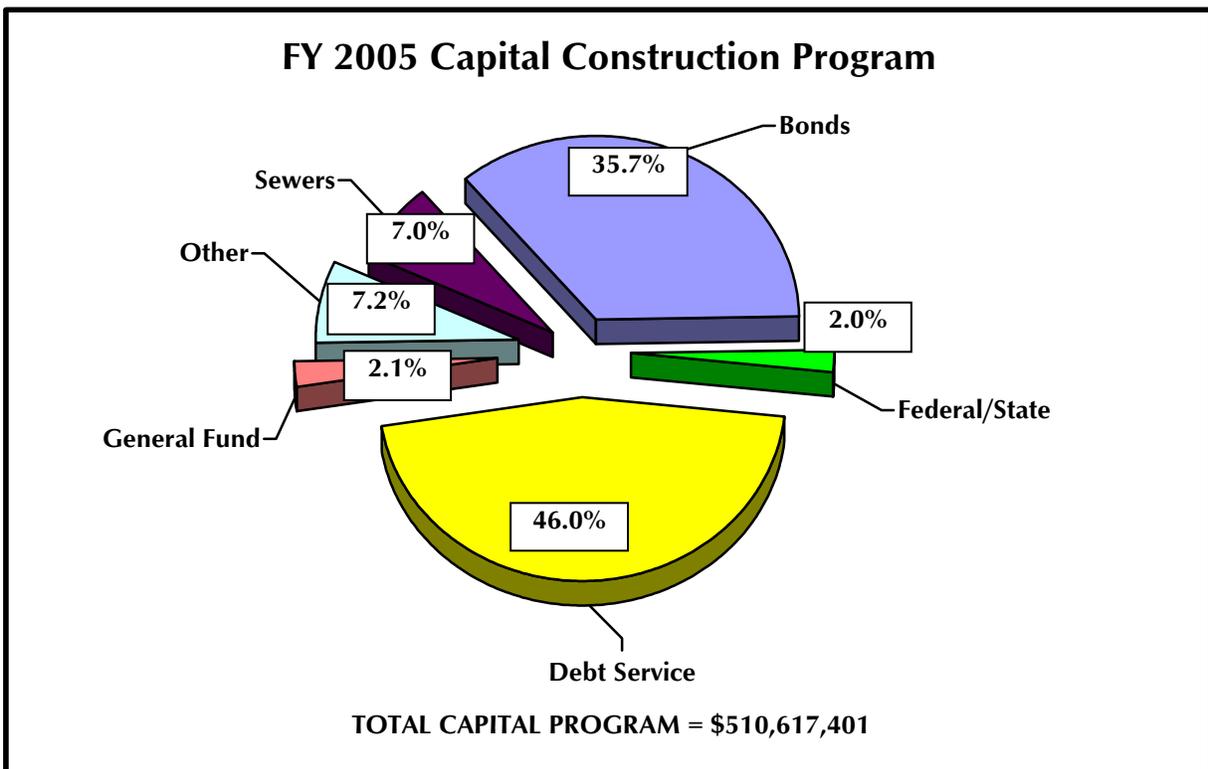
Capital Projects Overview

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, storm drainage infrastructure, streetlight installations, 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.

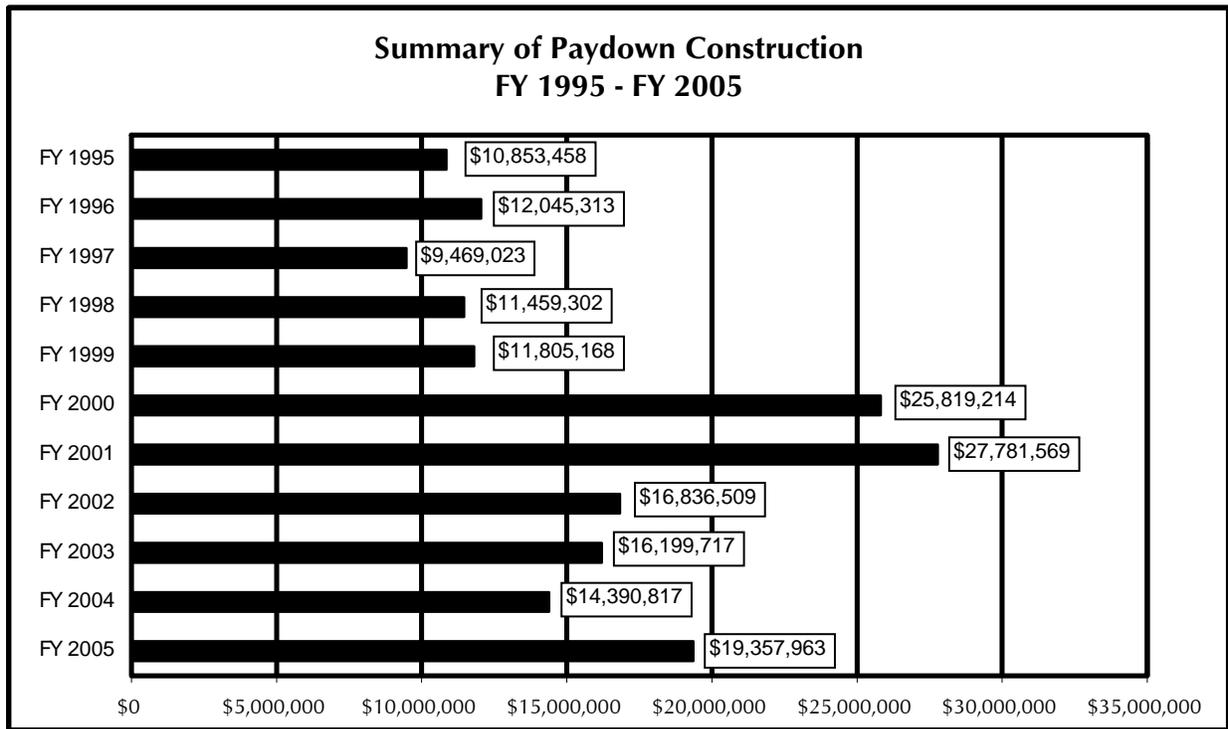
Funding in the amount of \$510,617,401 is included in FY 2005 for the County's Capital Construction Program. Of this amount, \$235,093,638 is included for debt service and \$275,523,763 is included for capital expenditures. The source of funding for capital expenditures includes: \$10,995,187 in General Fund monies, \$182,321,034 in General Obligation Bonds, \$35,495,200 in sewer system revenues, \$10,138,885 in State and Federal funding, and \$36,573,457 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 2005, an amount of \$19,357,963 has been included for the Capital Paydown Program. This funding level is supported by the General Fund in the amount of \$10,995,187 and State Aid in the amount of \$8,362,776. The paydown construction program had been constrained in the past based on budget limitations. Between FY 1986 and FY 1990, the County paydown construction program averaged approximately \$46.0 million, or 4.6 percent, of the General Fund disbursements. The FY 2005 Adopted Budget Plan paydown program of \$19.4 million represents 0.7 percent of General Fund disbursements. The FY 2005 funding level reflects an increase of \$5.0 million over the FY 2004 Adopted Budget Plan. It should be noted that \$2.0 million of this increase results from offsetting revenue available in FY 2004 from litigation recovery that is not available in FY 2005. The remaining \$3.0 million increase is based primarily on additional funding for land acquisition and other County requirements in FY 2005.



This graph depicts the level of paydown funding between FY 1995 and FY 2005. Beginning in FY 1995, annual paydown funding increased slightly, but only the most pressing requirements were addressed. Since FY 2000, the paydown program has been enhanced by the application of State revenue funds; however, FY 2005 paydown funding continues the recent trend of limiting funding to the most critical priority projects.

Capital Projects Overview

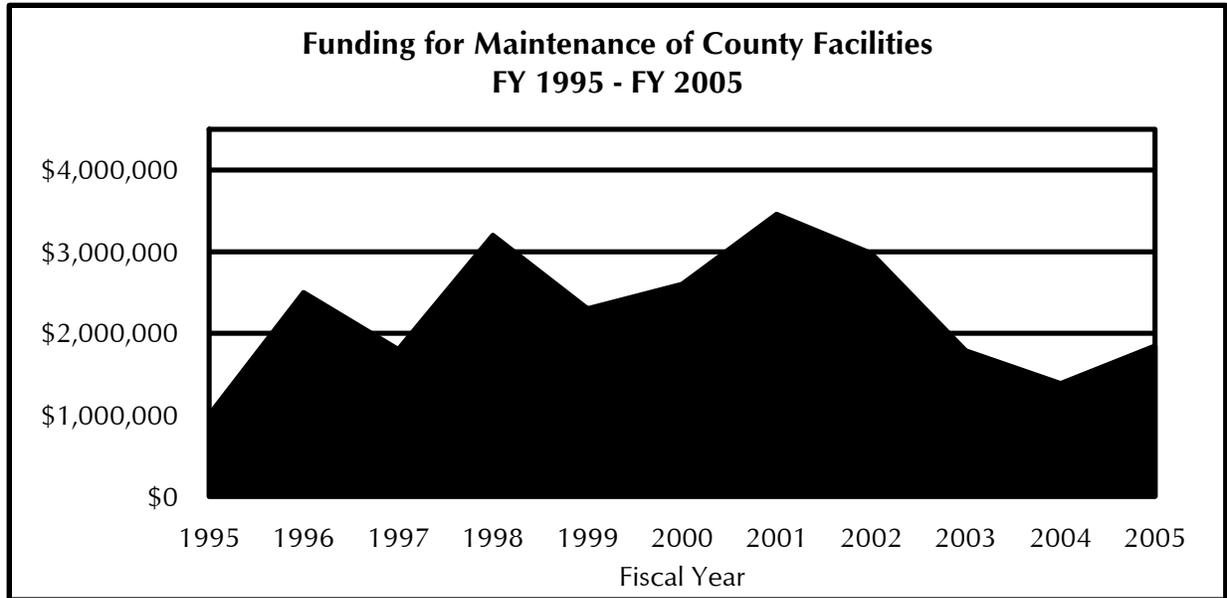
County Maintenance Projects

FY 2005 funding in the amount of \$1,844,000 has been included for County maintenance. This amount is consistent with a reduced level of funding provided in FY 2004. Capital maintenance 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 maintenance requirements 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 user requests for facility alterations. The County has conducted a comprehensive facilities assessment to identify all infrastructure maintenance requirements, and it is anticipated that future routine maintenance requirements will be driven by the results of this assessment. Specific funding levels in FY 2005 include:

- ◆ An amount of \$1,464,000 will continue to provide general maintenance funds to address priority projects at County facilities. Funded general maintenance projects include countywide emergency carpet replacement (\$50,000), HVAC/electrical replacement (\$350,000), roof repair and waterproofing (\$100,000), parking lot resurfacing (\$100,000), fire alarm replacement (\$154,000), and fire station condition assessments (\$260,000). Funding has also been 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, including landscaping, mowing, trash pickup, graffiti removal, and maintenance of bus shelters, bicycle racks, area signs, and street furniture (\$100,000). In addition, the County maintenance budget includes funding for miscellaneous building repairs or ongoing requirements throughout the fiscal year (\$350,000). These miscellaneous requirements include but are not limited to vandalism repairs, plumbing repairs, painting, and other emergency repairs.
- ◆ The annual generator replacement program has been funded in FY 2005 in the amount of \$80,000. 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 2005 funding provides for the replacement of the generator at the Newington Garage.
- ◆ Funding to continue the implementation of ADA compliance at County facilities has also been included in FY 2005. An amount of \$300,000 will address prioritized ADA modifications throughout the County, including continued efforts associated with curb ramp modifications.

Capital Projects Overview

The following chart depicts County maintenance funding between FY 1995 and FY 2005, including roof repairs, HVAC replacement, carpet replacement, parking lot resurfacing, fire alarm system replacements, generator replacement, and miscellaneous building repairs.



Park Maintenance Projects

FY 2005 funding in the amount of \$1,911,156 has been included for Park maintenance. 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 2005 include:

- ◆ An amount of \$425,000 for general park maintenance at non-revenue supported Park facilities. These maintenance requirements include major non-recurring repairs/replacements and improvements to roofs, electrical and lighting systems, security and fire alarms, sprinklers, and HVAC equipment. This amount is dedicated for specific major facility maintenance repairs.
- ◆ An amount of \$962,156 to support annual requirements for Parks grounds maintenance at non-revenue supported parks. Grounds maintenance includes the upkeep of sidewalks, mowing of grassy areas at park sites, maintenance of 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 \$54,000 to continue the implementation of ADA compliance at Park facilities has been included in FY 2005. Park facilities continue to be modified on a priority basis.

Capital Projects Overview

Athletic Field Maintenance Projects

FY 2005 funding in the amount of \$3,232,813 has been included for athletic field maintenance. In recent years, athletic field maintenance has been identified as a critical need. An effort has been made to provide continuous maintenance to retain quality athletic fields at acceptable standards and improve safety for users. Maintenance of athletic fields includes field lighting, fencing, irrigation, dugout covers, infield dirt, aerification, and seeding. Specific funding levels in FY 2005 include:

- ◆ An amount of \$2,022,813 to provide for continued personnel and operating costs associated with an athletic field maintenance program, including electricity for lighted facilities and maintenance of lighting systems, water and irrigation system maintenance, and minor ball field repairs. In FY 2004, funding was moved from the Park Authority's General Fund operating budget to Fund 303, County Construction, in an effort to consolidate athletic field maintenance expenditures.
- ◆ An amount of \$100,000 has been included to continue the installation of Fairfax County Public Schools boys' baseball field lighting systems used by many County organizations. FY 2005 funding provides for baseball field light installation at Centreville High School. This effort is being coordinated by the Department of Community and Recreation Services.
- ◆ An amount of \$100,000 has been included to continue installing lights on Fairfax County Public Schools and identified County park athletic fields used for girls' softball. Staff from the Department of Community and Recreation Services continue to work with representatives from Fairfax Athletic Inequities Reform (FAIR) and coordinate with the Fairfax County Public Schools and the Fairfax County Park Authority to identify, prioritize, and develop proposed plans for addressing girls' softball field lighting requirements. FY 2005 funding provides for softball field lighting installation at Lee District Park. This effort is being coordinated by the Department of Community and Recreation Services.
- ◆ An amount of \$50,000 for the routine maintenance and minor improvements to girls' softball fields that were identified for improvements in the Girls' Fast Pitch Softball Action Plan, a five-year plan to improve the quality and availability of softball fields throughout the County as requested by the Fairfax Athletic Inequities Reform group. This level of funding is based on available balances within the project and is sufficient to address FY 2005 requirements.
- ◆ An amount of \$800,000 for the continuation of mowing at 473 athletic fields (approximately 160 school sites), annual aeration, and over-seeding to enhance turf quality and increase player safety.
- ◆ An amount of \$160,000 for the spring clean-up of middle and elementary schools including skinning fields, filling holes, replacing dirt, repairing/replacing fences, and providing limited field supplies (bases, lime, portable lights, etc). Additionally, funds are transferred to FCPS for two maintenance staff to perform maintenance on girls' softball fields.

Trails and Sidewalks

Funding in the amount of \$300,000 is included in FY 2005 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.

Capital Projects Overview

Storm Drainage

Funding in the amount of \$2,740,000 is included for the storm drainage maintenance and emergency repairs throughout the County. Specific funding levels in FY 2005 include:

- ◆ An amount of \$2,420,000 for the Virginia Pollutant Discharge Elimination System (VPDES) Municipal Separate Storm Sewer System (MS4) discharge permit. This permit is required as part of the Clean Water Act amendments of 1987. The MS4 discharge permit is considered a renewal of the National Pollutant Discharge Elimination System (NPDES) permit, and will be valid for five years. In accordance with the permit renewal effective January 24, 2002, activities will include water quality testing, watershed master planning, improvement programs, and development of the GIS-based storm sewer system inventory. This initiative, funded at a reduced level in FY 2004, addresses State and Federal mandates.
- ◆ An amount of \$95,000 to address emergency drainage problems throughout the County. Engineering studies and construction will alleviate flooding problems of a recurring or emergency nature, which, due to their urgent nature, cannot be identified in advance.
- ◆ An amount of \$125,000 to continue support of the Kingstowne Environmental Monitoring program, which was established by the Board of Supervisors in June 1985 and is intended to continue until completion of the Kingstowne Development. During FY 2002 the program was expanded to include the water quality monitoring requirements required by the U.S. Army Corps of Engineers for the development of the South Van Dorn Street extension.
- ◆ An amount of \$100,000 to conduct inspections, monitor, and repair dams and emergency spillways. This level of funding provides for required inspections at five County-owned dams, internal monitoring of drainage problems with dam embankments, and initiation of subsurface investigations.

New and Renovated County Facilities

Funding in the amount of \$4,142,622 is included in FY 2005 for new or renovated facilities throughout the County. Almost every new capital improvement entails ongoing expenses for routine operation, repairs, and maintenance. As they age, County facilities and equipment that were once considered state-of-the-art will require rehabilitation, renovation, or upgrading for new uses, safety, and structural improvements. Older facilities usually involve higher maintenance and repair costs as well. Specific funding levels in FY 2005 include:

- ◆ An amount of \$3,142,622 to continue to address property management and development at the Laurel Hill site. Laurel Hill was transferred to the County by the Federal Government during 2002. The property includes approximately 2,340 acres of land and 1.48 million square feet of building space. FY 2005 funding will continue to address the needs at this site, including a security/maintenance contract, structural maintenance and utilities at existing buildings, custodial, planning, and engineering positions, asbestos abatement, and demolition of unserviceable buildings. It should be noted that asbestos mitigation efforts alone are estimated to cost \$9 million.
- ◆ An amount of \$1,000,000 to provide for the acquisition of land or open space preservation throughout the County.

Capital Projects Overview

Roads/Developer Defaults/Survey and Mapping

FY 2005 funding of \$1,475,000 is included to support the following County road programs, developer defaults and mapping:

- ◆ FY 2005 funding has been included to support the Road Viewer (\$25,000) and Road Maintenance (\$25,000) projects. The Road Viewer Program provides for the upgrading of County roads for acceptance into the State Secondary System. Once the roads are accepted into the State system, ongoing maintenance costs are provided by the State, and County funds are no longer required. For those roads which are not currently included in the State Secondary System, annual funding is provided for maintenance to ensure the safe operation of vehicles on these travel ways.
- ◆ An amount of \$350,000 for construction of outstanding developer default projects identified throughout the fiscal year. This program is necessitated by economic conditions surrounding the construction industry which result in some developers not completing required public facilities, including acceptance of roads by the State, walkways, and storm drainage improvements. General Fund support of the program is necessary due to the time required between the construction of the improvements and the recovery of the bonds through legal action or when the developer default revenue is not sufficient to fund the entire cost of the project. Of this total, an amount of \$250,000 will provide funding for road improvements to the Williamsburg Commons subdivision.
- ◆ An amount of \$75,000 for 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.
- ◆ An amount of \$1,000,000 to continue the implementation of priority projects associated with the TAC Spot Improvement Program. The TAC Spot Improvement Program supports small spot improvement projects as approved by the Transportation Advisory Commission and the Board of Supervisors. These projects consist of intersection improvements such as turn lanes, sidewalk and trail connections and bus stop improvements. Generally, these improvements are low-cost, quick-hit projects to improve mobility, enhance safety, and provide relief to transportation bottlenecks throughout the County.

Payments and Obligations

FY 2005 funding in the amount of \$2,777,372 has been included for costs related to annual contributions and contractual obligations.

- ◆ Funding of \$1,021,702 is included to provide for the third year of a five-year lease-purchase agreement associated with systems furniture for the South County Center. The lease will provide office furniture for work stations, conference rooms, waiting areas, and offices. On February 11, 2000, the Board of Supervisors entered into a Master Sales and Development Agreement with Madison Development Partners to construct an office building for lease to Fairfax County. This 159,000-square-foot facility includes a senior center, an expanded teen center, an employment center, office space for County staff, community meeting rooms, and an e-government center.
- ◆ Funding of \$500,000 is included for the County's annual contribution to offset school operating and overhead costs associated with new SACC Centers.

Capital Projects Overview

- ◆ Funding of \$905,670 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 funding formula for determining the annual contribution level has been revised based on the capital requirements of NVCC over the next six years. The FY 2005 funding level reflects \$0.90 per capita based on the Weldon Cooper Center population figure of 1,006,300. A phased approach has been recommended to increase funding by \$0.10 per capita per year until FY 2006 when the County's contribution equals \$1.00 per capita.
- ◆ Funding of \$350,000 is included for payments to developers for interest earned on conservation bond deposits. The County requires developers to make deposits to ensure the conservation of existing natural resources. Upon satisfactory completion of the project, the developer is refunded the deposit with interest.

Revitalization Initiatives

- ◆ Funding of \$935,000 is included for revitalization efforts in identified areas throughout the County. This initiative includes funding for specific commercial revitalization efforts, including: Baileys Crossroads/Seven Corners, Annandale, Richmond Highway, Lake Anne, Merrifield, Springfield, and McLean, as well as Commercial Revitalization program costs.

Capital Projects Overview

FY 2005 PAYDOWN PROJECTS

| Project | FY 2005 Adopted |
|--|--------------------|
| County Maintenance Projects | |
| (003099) Miscellaneous Building Repair | \$350,000 |
| (003100) Fire Alarm System Replacements | 154,000 |
| (009132) Roof Repairs and Waterproofing | 100,000 |
| (009133) Carpet Replacement | 50,000 |
| (009136) Parking Lot Resurfacing | 100,000 |
| (009151) HVAC/Electrical Systems | 350,000 |
| (009214) Fire Station Condition Assessments | 260,000 |
| (009406) ADA Compliance - Countywide | 300,000 |
| (009422) Maintenance - Commercial Revitalization Program | 100,000 |
| (009431) Emergency Generator Replacement | 80,000 |
| Subtotal | \$1,844,000 |
| Park Authority Maintenance Projects | |
| (009416) ADA Compliance - Park Authority | \$54,000 |
| (009417) Park Authority - General Maintenance | 425,000 |
| (009442) Park Authority - Grounds Maintenance | 962,156 |
| (009443) Park Authority - Facility Maintenance | 470,000 |
| Subtotal | \$1,911,156 |
| Athletic Field Maintenance Projects | |
| (004999) Boys' Athletic Field Lighting | \$100,000 |
| (005000) Girls' Softball Field Lighting | 100,000 |
| (005001) Fast Pitch Softball Field Maintenance | 50,000 |
| (005006) Parks Maintenance at FCPS Athletic Fields | 800,000 |
| (005009) Athletic Field Maintenance | 2,022,813 |
| (005010) Annual FCPS Field Clean-Up and Maintenance | 160,000 |
| Subtotal | \$3,232,813 |
| Trails and Sidewalks | |
| (X00407) VDOT Sidewalk Repair/Replacement | \$300,000 |
| Subtotal | \$300,000 |
| Storm Drainage | |
| (A00002) Emergency Watershed Improvements | \$95,000 |
| (L00034) Kingstowne Environmental Monitoring | 125,000 |
| (N00096) Dam Repairs | 100,000 |
| (Z00022) Municipal Separate Storm Sewer System | 2,420,000 |
| Subtotal | \$2,740,000 |
| New Facilities | |
| (009400) Land Acquisition Reserve | \$1,000,000 |
| (009444) Laurel Hill Development | 3,142,622 |
| Subtotal | \$4,142,622 |

Capital Projects Overview

| Project | FY 2005 Adopted |
|---|----------------------------|
| Developer Defaults/Roads | |
| (U00005) Secondary Monumentation | \$75,000 |
| (U00006) Developer Default | 350,000 |
| (V00000) Road Viewer Program | 25,000 |
| (V00001) Road Maintenance Program | 25,000 |
| (064212) TAC Spot Improvements | 1,000,000 |
| Subtotal | \$1,475,000 |
| Obligations and Payments | |
| (007012) School-Aged Child Care (SACC) | \$500,000 |
| (008043) Northern Virginia Community College | 905,670 |
| (009425) South County Center | 1,021,702 |
| (009998) Payments of Interest on Conservation Bonds | 350,000 |
| Subtotal | \$2,777,372 |
| Revitalization Initiatives | |
| (014010) Commercial Revitalization | \$190,000 |
| (014104) Revitalization Program Costs | 745,000 |
| Subtotal | \$935,000 |
| TOTAL PAYDOWN PROGRAM | \$19,357,963 |

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 utility 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 8.70 percent, and net debt as a percentage of market value at 1.48 percent as of June 30, 2003.

Continual monitoring and adjustments to the County's Capital Improvement Program have been necessary, as economic conditions have changed. The FY 2005 - 2009 Capital Improvement Program (With Future Years to 2014) was approved concurrently with the FY 2005 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 2005, an amount of \$182,321,034 is included in General Obligation bond funding. Of this amount, \$130,000,000 is budgeted in Fund 390, Public School Construction, and \$13,588,893 has been included in Fund 309, Metro Operations and Construction, to support the 103-mile Metrorail System, as well as maintain and/or acquire facilities, equipment, railcars and buses. In addition, FY 2005 bond funding in the amount of \$38,732,141 has been included for the County contribution to the Northern Virginia Regional Park Authority (\$2,500,000), design and construction costs associated with the West Ox Bus Operations Center (\$12,032,141), design and permitting costs associated with the Wolf Trap Fire Station (\$1,200,000), and construction of the Public Safety Operations Center (\$23,000,000). Funding for these bond projects is consistent with the FY 2005 - 2009 Capital Improvement Program (With Future Years to 2014).

Capital Projects Overview

Wastewater Management System

The Fairfax County Wastewater Management Program is operated, maintained, and managed within the Department of Public Works and Environmental Services, and includes one County-owned wastewater treatment plant with a total treatment capacity of 54 million gallons per day (MGD), approximately 3,200 miles of sewer lines, 61 pumping stations, and 53 metering stations, covering approximately 234 square miles of the County's 407-square-mile land and water area. In addition to the County-owned treatment plant the system owns, by agreement, purchase capacity in the Alexandria Sanitation Authority Plant, the Upper Occoquan Sewage Authority Plant, the District of Columbia Blue Plains Plant, and the Arlington County Plant, for a total treatment capacity of 161 MGD.

An amount of \$35,495,200 is funded in FY 2005 to provide for the County's share of design and construction costs associated with Wastewater Management. Funds will support several pump station renovations, the upgrade costs for the DC Blue Plains Treatment Plant, the Arlington Treatment Plant, and the Alexandria Treatment Plant to comply with Virginia Water Control Board regulations, recurring repair and replacement of aging County sewer lines, the upgrade of existing sewer meters throughout the County, and construction of a new pump station.

Other Financing

Capital projects supported by other financing include \$1,776,109 in Federal Aid and \$36,573,457 in other sources. Federal Aid represents funding to support the HOME Investment Partnership Grant Program. 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, and other sources of funds.

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 FY 2005 operating cost estimates associated with the completion of capital projects have been included in the County's operating budget.

In the FY 2005/FY 2006 time frame, 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 2005 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 or Renovated County Facilities

| Facility | Fiscal Year Completion | Additional Positions | Estimated Net Operating Costs |
|---|------------------------|----------------------|-------------------------------|
| FY 2005 New/Expanded Facilities | | | |
| SACC Centers (Navy and Sunrise Valley Elementary) | FY 2005 | 6/4.86 SYE | \$94,694 |
| James Lee Community Center (6/6.0 positions added in FY 2004; includes funding for congregate meals included in Fund 103, Aging Grants and Programs) | FY 2005 | 0/0.0 SYE | 512,046 |
| Herndon Harbor House (six months' start-up costs; includes funding for congregate meals included in Fund 103, Aging Grants and Programs) | FY 2005 | 3/3.0 SYE | 183,160 |
| Cub Run RECenter (Non-General Fund position; 14/14.0 positions added in FY 2004) | FY 2005 | 1/1.0 SYE | (511,341) |
| Laurel Hill Golf Course (Non-General Fund positions) | FY 2005 | 7/7.0 SYE | 165,038 |
| Fairfax Center Fire Station (nine months' costs) | FY 2005 / FY 2006 | 23/23.0 SYE | 1,703,309 |
| Total FY 2005 Costs | | 40/38.86 SYE | \$2,146,906 |
| FY 2006 New/Expanded Facilities | | | |
| Little River Glen Adult Day Health Care Center | FY 2006 | 9/9.0 SYE | \$503,224 |
| Crosspointe Fire Station | FY 2006 | TBD | TBD |
| Fairfax Center Fire Station (full-year costs) | FY 2006 | 0/0.0 SYE | 2,542,276 |
| Reston Town Center Transit Center | FY 2006 | TBD | TBD |
| West Ox DVS Garage | FY 2006 | TBD | TBD |
| Total FY 2006 Costs | | 9/9.0 SYE | \$3,045,500 |
| FY 2007 and Beyond | | | |
| Wolf Trap Fire Station | FY 2007 | TBD | TBD |
| Forensics Facility | FY 2007 | TBD | TBD |
| West Ox Bus Operations Center (Vienna Feeder Bus) | FY 2008 | TBD | TBD |
| Oakton Community Library | FY 2008 | 32/32.0 SYE | TBD |
| Burke Community Library | FY 2008 | 32/32.0 SYE | TBD |
| Public Safety Operations Center | FY 2008 / FY 2009 | TBD | TBD |
| Judicial Center Expansion | FY 2009 | TBD | TBD |
| Library Renovations | FY 2009 / FY 2010 | TBD | TBD |
| Total FY 2007 and Beyond Costs | | 64/64.0 SYE | TBD |

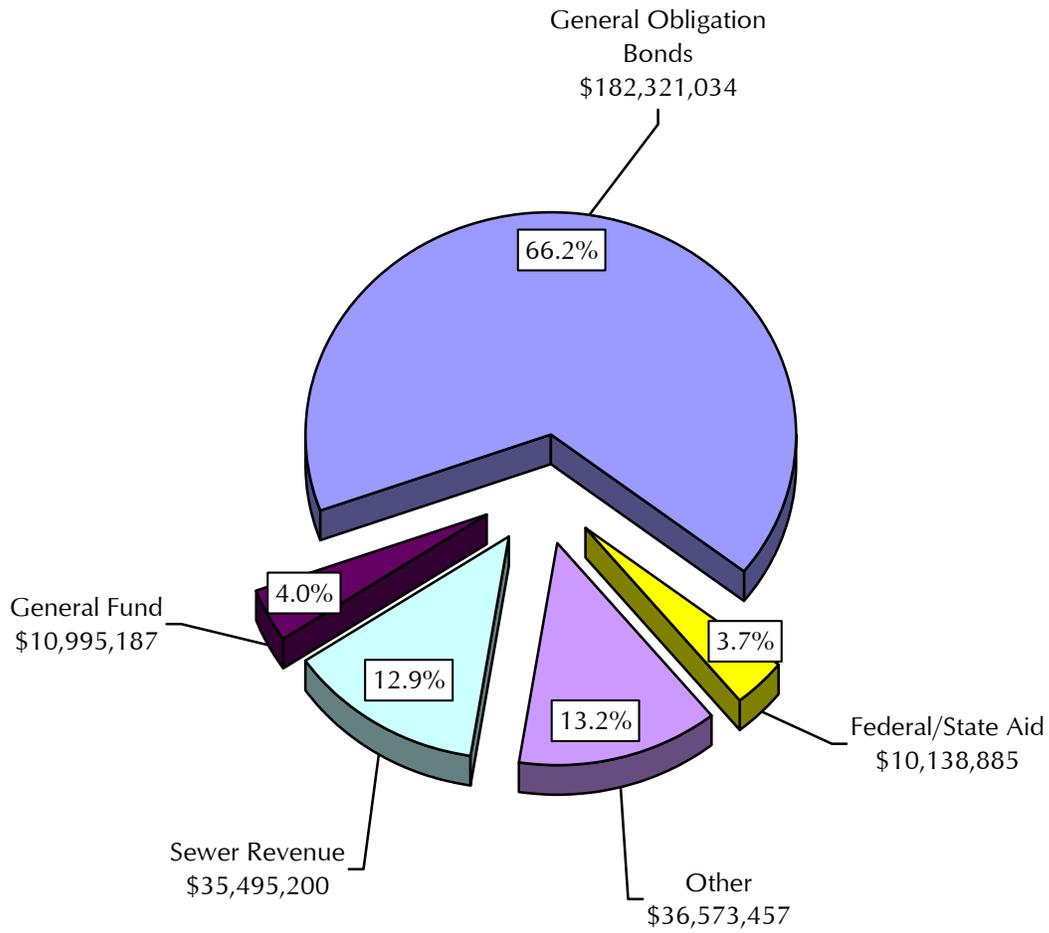
Personnel services, operating costs, and capital equipment costs incurred by a County agency while performing work on a capital project are charged as Recovered Costs to the project where applicable. The majority of capital projects in the County are administered by various agencies within the Department of Public Works and Environmental Services. These agencies include the Project Engineering Division, Office of Capital Facilities, Planning and Design Division, Stormwater Management Division, the Land Acquisition Division, the Office of Waste Management, and the Facilities Management Division. Other County operating agencies which administer capital projects include the Fairfax County Park Authority and the Department of Housing and Community Development.

Capital Projects Overview

Summary of FY 2005 Capital Construction Program

Major segments of the County's FY 2005 Capital Construction Program are presented in the charts that follow. Several pie charts have been included to visually demonstrate the FY 2005 funding sources for capital expenditures. Capital construction expenditures by fund are shown in the Summary Schedule of FY 2005 Funded Capital Projects. In addition, details of all projects funded in FY 2005 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 Volume. Detailed information concerning capital projects in Fund 390, Public School Construction, can be found in the [FY 2005 School Board's Adopted Budget](#).

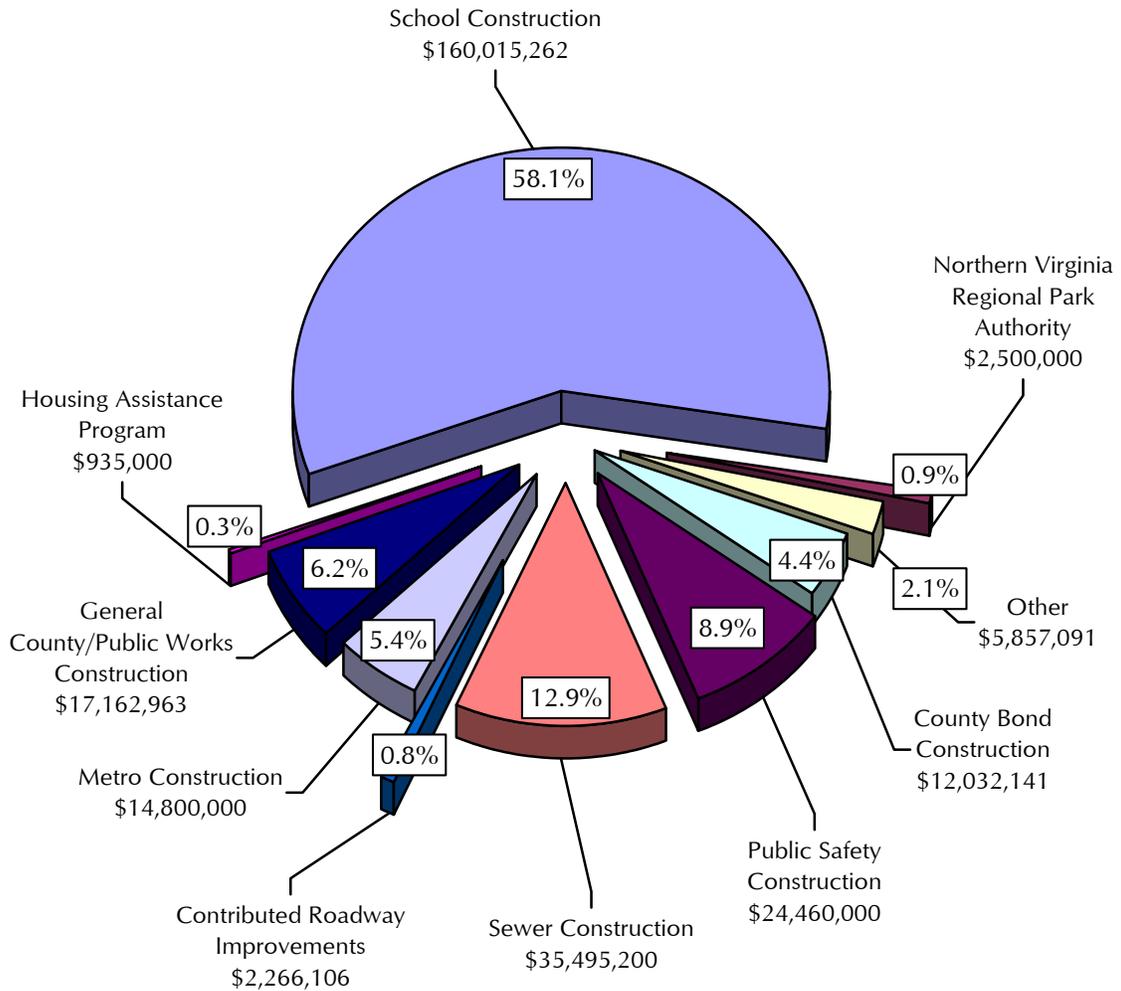
CAPITAL CONSTRUCTION PROJECTS FY 2005 SOURCE OF FUNDS



TOTAL = \$275,523,763

NOTE: This chart does not include debt service funding.

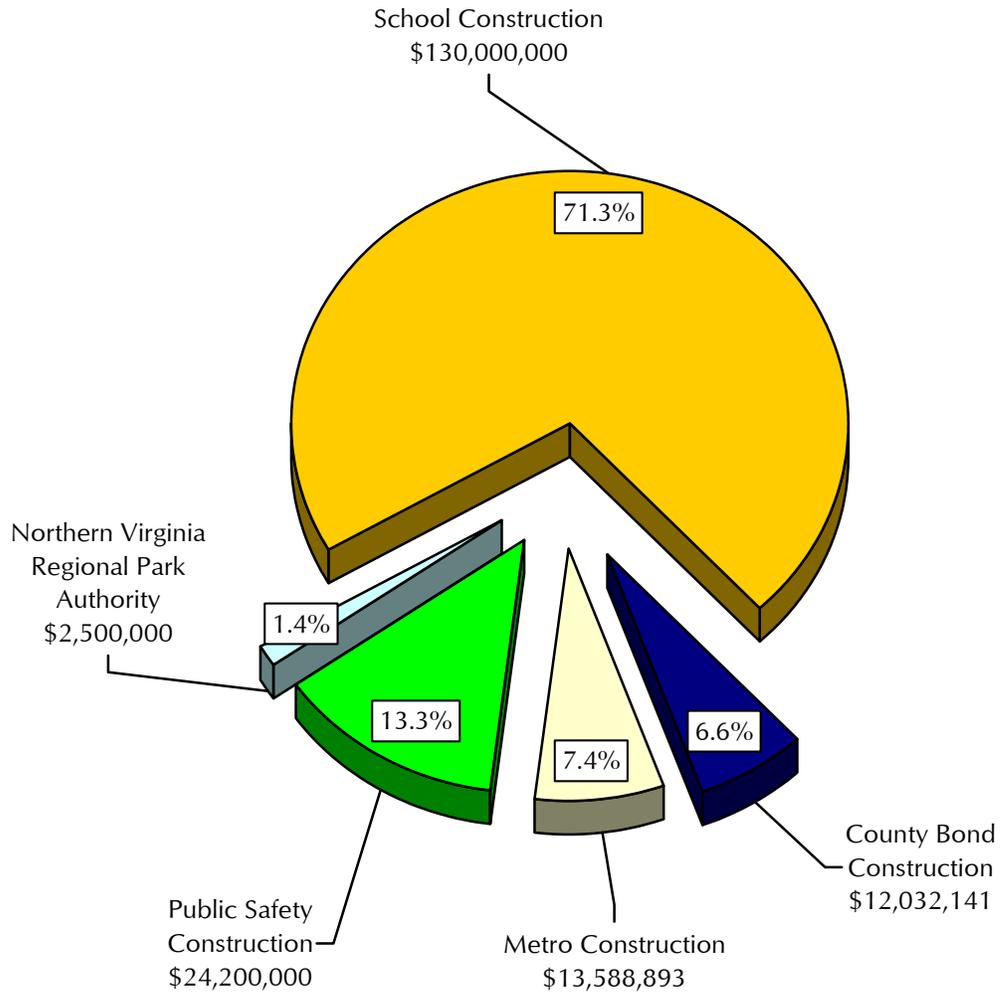
CAPITAL CONSTRUCTION PROJECTS FY 2005 EXPENDITURES



TOTAL = \$275,523,763

NOTE: This chart does not include debt service funding.

GENERAL OBLIGATION BOND FINANCED CAPITAL PROJECTS FY 2005 EXPENDITURES



TOTAL = \$182,321,034

SUMMARY SCHEDULE OF FY 2005 FUNDED CAPITAL PROJECTS

| Fund/Title | EXPENDITURES | | | | | FY 2005 FINANCING | | | |
|--|-------------------|-----------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|---|-----------------|-----------------------|--------------------|
| | FY 2003 Actual | FY 2004 Adopted Budget Plan | FY 2004 Revised Budget Plan | FY 2005 Advertised Budget Plan | FY 2005 Adopted Budget Plan | General Obligation Bonds ¹ | General Fund | Federal/ State Aid | Other ² |
| SPECIAL REVENUE FUNDS ³ | | | | | | | | | |
| 109 Refuse Collection | \$250,555 | \$0 | \$122,027 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 110 Refuse Disposal | 9,098 | 0 | 1,458,455 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 Reston Community Center | 0 | 0 | 289,672 | 897,144 | 897,144 | 0 | 0 | 0 | 897,144 |
| 113 McLean Community Center | 195,085 | 245,000 | 347,639 | 376,000 | 376,000 | 0 | 0 | 0 | 376,000 |
| 114 I-95 Refuse Disposal | 498,122 | 14,929,000 | 38,801,512 | 0 | 0 | 0 | 0 | 0 | 0 |
| 144 Housing Trust Fund | 1,537,201 | 1,001,411 | 17,190,570 | 1,507,838 | 1,507,838 | 0 | 0 | 0 | 1,507,838 |
| 145 HOME Investment Partnership Grant | 626,409 | 1,302,795 | 6,830,968 | 1,776,109 | 1,776,109 | 0 | 0 | 1,776,109 | 0 |
| Subtotal | \$3,116,470 | \$17,478,206 | \$65,040,843 | \$4,557,091 | \$4,557,091 | \$0 | \$0 | \$1,776,109 | \$2,780,982 |
| DEBT SERVICE FUNDS | | | | | | | | | |
| 200 County Debt Service | \$190,392,503 | \$99,442,215 | \$99,442,215 | \$103,215,055 | \$101,915,055 | \$0 | \$98,715,157 | \$0 | \$3,199,898 |
| 201 School Debt Service | 208,338,954 | 121,096,733 | 121,096,733 | 133,178,583 | 133,178,583 | 0 | 126,528,053 | 0 | 6,650,530 |
| Subtotal | \$398,731,457 | \$220,538,948 | \$220,538,948 | \$236,393,638 | \$235,093,638 | \$0 | \$225,243,210 | \$0 | \$9,850,428 |
| CAPITAL PROJECTS FUNDS | | | | | | | | | |
| 300 Countywide Roadway Improvement Fund | \$221,275 | \$0 | \$1,959,076 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 301 Contributed Roadway Improvements | 1,697,393 | 2,155,281 | 35,507,563 | 2,266,106 | 2,266,106 | 0 | 0 | 0 | 2,266,106 |
| 302 Library Construction | 179,593 | 0 | 687,646 | 0 | 0 | 0 | 0 | 0 | 0 |
| 303 County Construction | 16,451,640 | 29,310,817 | 53,588,370 | 13,647,963 | 13,647,963 | 0 | 8,550,187 | 5,097,776 | 0 |
| 304 Primary and Secondary Road Bond Construction | 3,387,801 | 0 | 34,431,388 | 1,000,000 | 1,000,000 | 0 | 1,000,000 | 0 | 0 |
| 306 Northern Virginia Regional Park Authority | 2,250,000 | 2,250,000 | 2,250,000 | 2,500,000 | 2,500,000 | 2,500,000 | 0 | 0 | 0 |
| 307 Sidewalk Construction | 1,461,314 | 300,000 | 7,768,450 | 300,000 | 300,000 | 0 | 0 | 300,000 | 0 |
| 308 Public Works Construction | 3,948,291 | 2,045,000 | 10,869,876 | 3,265,000 | 3,515,000 | 0 | 250,000 | 2,965,000 | 300,000 |
| 309 Metro Operations and Construction ⁴ | 8,325,384 | 5,050,320 | 6,500,320 | 19,750,000 | 14,800,000 | 13,588,893 | 0 | 0 | 1,211,107 |
| 310 Storm Drainage Bond Construction | 1,019,455 | 0 | 3,758,345 | 0 | 0 | 0 | 0 | 0 | 0 |

SUMMARY SCHEDULE OF FY 2005 FUNDED CAPITAL PROJECTS

| Fund/Title | EXPENDITURES | | | | | FY 2005 FINANCING | | | |
|--|----------------|-----------------------------|-----------------------------|--------------------------------|-----------------------------|---------------------------------------|---------------|-------------------|--------------------|
| | FY 2003 Actual | FY 2004 Adopted Budget Plan | FY 2004 Revised Budget Plan | FY 2005 Advertised Budget Plan | FY 2005 Adopted Budget Plan | General Obligation Bonds ¹ | General Fund | Federal/State Aid | Other ² |
| 311 County Bond Construction | 6,678,915 | 1,000,000 | 20,141,214 | 12,032,141 | 12,032,141 | 12,032,141 | 0 | 0 | 0 |
| 312 Public Safety Construction | 15,346,372 | 34,970,552 | 161,990,579 | 24,200,000 | 24,460,000 | 24,200,000 | 260,000 | 0 | 0 |
| 313 Trail Construction | 49,451 | 0 | 580,244 | 0 | 0 | 0 | 0 | 0 | 0 |
| 314 Neighborhood Improvement Program | 1,177,808 | 0 | 1,334,510 | 0 | 0 | 0 | 0 | 0 | 0 |
| 315 Commercial Revitalization Program | 2,390,120 | 0 | 11,696,235 | 0 | 0 | 0 | 0 | 0 | 0 |
| 316 Pro Rata Share Drainage Construction | 1,323,557 | 0 | 27,130,572 | 0 | 0 | 0 | 0 | 0 | 0 |
| 340 Housing Assistance Program | 1,590,840 | 935,000 | 14,605,049 | 935,000 | 935,000 | 0 | 935,000 | 0 | 0 |
| 341 Housing General Obligation Bond Construction | 29,217 | 0 | 381,664 | 0 | 0 | 0 | 0 | 0 | 0 |
| 370 Park Authority Bond Construction | 10,981,510 | 10,000,000 | 53,720,743 | 0 | 0 | 0 | 0 | 0 | 0 |
| 390, Public School Construction | 158,267,891 | 210,719,289 | 442,075,303 | 160,015,262 | 160,015,262 | 130,000,000 | 0 | 0 | 30,015,262 |
| Subtotal | \$236,777,827 | \$298,736,259 | \$890,977,147 | \$239,911,472 | \$235,471,472 | \$182,321,034 | \$10,995,187 | \$8,362,776 | \$33,792,475 |
| ENTERPRISE FUNDS | | | | | | | | | |
| 402 Sewer Bond Extension and Improvements | \$39,845,231 | \$31,534,000 | \$114,465,926 | \$35,495,200 | \$35,495,200 | \$0 | \$0 | \$0 | \$35,495,200 |
| 408 Sewer Bond Construction | 10,428,890 | 0 | 33,678,654 | 0 | 0 | 0 | 0 | 0 | 0 |
| Subtotal | \$50,274,121 | \$31,534,000 | \$148,144,580 | \$35,495,200 | \$35,495,200 | \$0 | \$0 | \$0 | \$35,495,200 |
| TOTAL | \$688,899,875 | \$568,287,413 | \$1,324,701,518 | \$516,357,401 | \$510,617,401 | \$182,321,034 | \$236,238,397 | \$10,138,885 | \$81,919,085 |

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, and miscellaneous revenues.

³ Reflects the capital construction portion of total expenditures.

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

Details: Paydown Program (General Fund)

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|--------------------------------------|--|------------------------|----------------|--|
| Fund 303, County Construction | | | | |
| 005009 | Athletic Field Maintenance (Countywide) | Continuing | \$2,022,813 | FY 2005 funding is included to continue athletic field maintenance efforts on fields managed by Fairfax County Park Authority. This project, created as part of the FY 2004 budget process, consolidates funding for athletic field maintenance. FY 2005 funding provides for continued personnel and operating costs associated with the program, including electricity for lighted facilities and maintenance of lighting systems, water and irrigation system maintenance, and minor ball field repairs. |
| 005010 | Annual FCPS Field Clean-Up and Maintenance (Countywide) | Continuing | \$160,000 | FY 2005 funding in the amount of \$160,000 is included to continue support of spring clean-up at middle and elementary schools including skinning fields, filling holes, replacing dirt, repairing/replacing fences, and providing limited field supplies (bases, lime, portable lights, etc). |
| 007012 | SACC Contribution (Countywide) | Continuing | \$500,000 | FY 2005 funding in the amount of \$500,000 is included 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 | \$905,670 | FY 2005 funding in the amount of \$905,670 is included for Fairfax County's annual 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 funding formula for determining the annual contribution level has been revised based on the capital requirements for NVCC over the next six years. A phased approach was implemented in FY 2003 to increase funding by \$0.10 per capita per fiscal year until FY 2006 when the County's contribution equals \$1.00 per capita. FY 2005 funding represents \$0.90 per capita using the Weldon Cooper Center population figure of 1,006,300. |

Details: Paydown Program (General Fund)

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|----------------|--|------------------------|----------------|---|
| 009133 | Carpet Replacement (Countywide) | Continuing | \$50,000 | FY 2005 funding in the amount of \$50,000 is included for countywide emergency carpet repairs. |
| 009400 | Land Acquisition Reserve (Countywide) | Continuing | \$1,000,000 | FY 2005 funding in the amount of \$1,000,000 is included for the County's land acquisition reserve. The reserve provides a source of funding for the acquisition of land or open space preservation for future County facilities and capital projects. This project was created to improve the County's competitiveness in today's market. |
| 009422 | Maintenance - CRP (Countywide) | Continuing | \$100,000 | FY 2005 funding in the amount of \$100,000 is included to continue 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, graffiti removal, and maintenance of bus shelters, bicycle racks, area signs, street furniture, and drinking fountains. FY 2005 funding will provide for continued maintenance of major streetscape projects in Annandale and Baileys Crossroads. |
| 009425 | South County Center (Lee) | \$8,770,414 | \$1,021,702 | FY 2005 funding in the amount of \$1,021,702 is included for the third year of a five-year lease/purchase agreement associated with systems furniture at the South County Government Center. All other operating costs associated with the South County Government Center, including taxes, are included in FMD's operating budget. |
| 009442 | Parks - Grounds Maintenance (Countywide) | Continuing | \$962,156 | FY 2005 funding in the amount of \$962,156 is included 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. |

Details: Paydown Program (General Fund)

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|---|--|------------------------|--------------------|--|
| 009444 | Laurel Hill (Lorton) Development (Mount Vernon) | \$10,355,775 | \$1,477,846 | FY 2005 funding in the amount of \$1,477,846 is included to continue to address prioritized needs at the Laurel Hill site, including master planning, security and maintenance contract costs, structural maintenance and utilities at existing buildings, asbestos abatement, demolition of unserviceable buildings, and custodial, planning, and engineering personnel. In addition to General Fund support, an amount of \$1,664,776 is financed by State revenues, for a total of \$3,142,622. |
| 009998 | Payments of Interest on Conservation Bonds (Countywide) | Continuing | \$350,000 | FY 2005 funding in the amount of \$350,000 is included 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 | | \$19,126,189 | \$8,550,187 | |
| Fund 304, Primary and Secondary Road Bond Construction | | | | |
| 064212 | TAC Spot Improvements (Countywide) | Continuing | \$1,000,000 | FY 2005 funding in the amount of \$1,000,000 is included to continue the TAC Spot Improvement Program. This initiative supports small projects as approved by the Transportation Advisory Commission and the Board of Supervisors. These projects consist of intersection improvements such as turn lanes, sidewalk and trail connections and bus stop improvements. Generally, these improvements are low-cost, quick-hit projects to improve mobility, enhance safety, and provide relief to transportation bottlenecks throughout the County. |
| Total | | Continuing | \$1,000,000 | |

Details: Paydown Program (General Fund)

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|---|---|------------------------|------------------|---|
| Fund 308, Public Works Construction | | | | |
| U00006 | Developer Defaults (Countywide) | Continuing | \$250,000 | During their deliberations on the <u>FY 2005 Advertised Budget Plan</u> , the Board of Supervisors increased funding in the amount of \$250,000 for this project. This additional funding is included to support road improvements at the Williamsburg Commons subdivision due to a developer default. Improvements include the removal of temporary asphalt and damaged concrete, as well as the installation of a concrete roadway. In addition to General Fund support, funding of \$300,000 is included from developer revenues and \$100,000 from HB 599 revenues, for total FY 2005 funding of \$650,000. |
| Total | | Continuing | \$250,000 | |
| Fund 312, Public Safety Construction | | | | |
| 009214 | Fire Station Condition Assessments (Countywide) | \$260,000 | \$260,000 | During their deliberations on the <u>FY 2005 Advertised Budget Plan</u> , the Board of Supervisors approved funding in the amount of \$260,000 for this project. FY 2005 funding will provide for conditional and functional assessments at 11 volunteer fire stations and 21 of the 24 County-owned fire stations. An amount of \$100,000 will provide for assessments at 11 volunteer-owned fire stations that provide essential support to public safety operations within the County. The assessment will focus on the older volunteer-owned stations and will assist in identifying requirements and costs associated with these stations. In addition, an amount of \$160,000 will provide for functional assessments at 21 of the 24 County-owned fire stations. Three of the newest fire stations do not require assessment studies including: North Point, West Centreville and Kingstowne. Results of this analysis will assist in the planning and scheduling of needed facility improvements. |
| Total | | \$260,000 | \$260,000 | |

Details: Paydown Program (General Fund)

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|---|--|------------------------|------------------|--|
| Fund 340, Housing Assistance Program | | | | |
| 014010 | Commercial Revitalization (Countywide) | Continuing | \$190,000 | FY 2005 funding in the amount of \$190,000 is included to continue activities initiated in FY 2001, including contracted and/or part-time staffing that provides support as the Department of Housing and Community Development transitions from a primary emphasis on development projects to revitalization activities, marketing materials for countywide revitalization activities, consultant services, and training. |
| 014104 | Revitalization Program Costs (Countywide) | Continuing | \$745,000 | FY 2005 funding in the amount of \$745,000 is included for staff and administrative costs associated with the continuation of previously approved revitalization projects, and 3/3.0 SYE Merit Regular positions responsible for marketing and business activities associated with revitalization activities. |
| Total | | Continuing | \$935,000 | |

TOTAL PAYDOWN (GENERAL FUND)

\$10,995,187

Details: Paydown Program (HB599 and Other Financing)

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|--------------------------------------|---|------------------------|----------------|--|
| Fund 303, County Construction | | | | |
| 003099 | Miscellaneous Building and Repair (Countywide) | Continuing | \$350,000 | FY 2005 funding in the amount of \$350,000 is included for emergency repairs, minor renovations, and remodeling/upgrading of various buildings and facilities throughout the County. Projects include emergency repairs to buildings and building equipment, plumbing repairs, minor renovations to electrical and mechanical systems, structural repairs, vandalism correction, and other non-recurring construction and repair projects. |
| 003100 | Fire Alarm Systems (Countywide) | Continuing | \$154,000 | FY 2005 funding in the amount of \$154,000 is included to support the replacement of fire alarm systems at the Massey Annex and the Mason Government Center, which experience frequent failure when tested. |
| 004999 | Boys' 90' Athletic Field Lighting (Countywide) | Continuing | \$100,000 | FY 2005 funding in the amount of \$100,000 is included to continue installation and upgrades associated with boys' baseball field lighting at FCPS middle and high schools. FY 2005 funding will provide for lighting improvements at Centreville High School. |
| 005000 | Girls' Softball Field Lighting (Countywide) | Continuing | \$100,000 | FY 2005 funding in the amount of \$100,000 is included to continue installation and upgrades associated with girls' softball field lighting at FCPS middle and high schools, as well as identified parks throughout the County. FY 2005 funding will provide for lighting improvements at Lee District Park. |
| 005001 | Girls' Fast-Pitch Field Maintenance (Countywide) | Continuing | \$50,000 | FY 2005 funding in the amount of \$50,000 is included to address prioritized maintenance requirements associated with improvements made to Girls' Fast-Pitch softball fields. |
| 005006 | Park Maintenance of FCPS Fields (Countywide) | Continuing | \$800,000 | FY 2005 funding in the amount of \$800,000 is included to maintain consistent standards at all school site athletic fields, improve playing conditions, reach safety standards, and increase user satisfaction. Maintenance includes mowing each site 28 times per year and aerating and overseeing each site annually. |

Details: Paydown Program (HB599 and Other Financing)

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|----------------|---|------------------------|----------------|---|
| 009132 | Roof Repairs and Waterproofing (Countywide) | Continuing | \$100,000 | FY 2005 funding in the amount of \$100,000 is included for roof replacement at the Facilities and Management Division's Administration Building at Burke Station Road (\$50,000) and emergency repairs to facilities that experience damage due to severe weather or leaking during rainfall (\$50,000). |
| 009136 | Parking Lot Resurfacing (Countywide) | Continuing | \$100,000 | FY 2005 funding in the amount of \$100,000 is included for emergency sidewalk and pothole repairs at prioritized County facilities. |
| 009151 | HVAC/ Electrical Systems (Countywide) | Continuing | \$350,000 | FY 2005 funding in the amount of \$350,000 is included for HVAC replacement at prioritized County facilities, based on the severity of problems and lack of alternative funding sources. |
| 009406 | ADA Compliance - Countywide (Countywide) | Continuing | \$300,000 | FY 2005 funding in the amount of \$300,000 is included to provide ADA accessibility to the Magarity Road trail (\$200,000) and continued implementation of Phase II (curb cuts) of the County's ADA plan, providing for curb ramps and walkway retrofits (\$100,000). |
| 009416 | ADA Compliance - FCPA (Countywide) | Continuing | \$54,000 | FY 2005 funding in the amount of \$54,000 is included to continue Park Authority compliance with the Americans with Disabilities Act of 1990. Funding will support continued modifications at Lake Fairfax, including access routes, parking, picnic areas, playgrounds, restrooms, and amphitheater. |
| 009417 | Parks - General Maintenance (Countywide) | Continuing | \$425,000 | FY 2005 funding in the amount of \$425,000 is included for major maintenance and repairs at non-revenue generating Park Authority facilities including electrical and lighting systems, security and fire alarm systems, sprinklers, and HVAC improvements. In addition, this project funds roof repairs and the structural preservation of park historic sites. Facilities maintained include field houses, boathouses, 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 (HB599 and Other Financing)

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|--|--|------------------------|--------------------|---|
| 009431 | Generator Replacement Program (Countywide) | Continuing | \$80,000 | FY 2005 funding in the amount of \$80,000 is included for the emergency generator replacement program. This program was established to address the replacement of generators that have outlived their useful life. FY 2005 funding is included to replace the generator at the Newington Garage. |
| 009443 | Parks - Facilities Maintenance (Countywide) | Continuing | \$470,000 | FY 2005 funding in the amount of \$470,000 is included for routine repairs of non-revenue structures (218 buildings totaling over 400,000 square feet) and over 175 pieces of equipment (mowers, tractors, etc.). |
| 009444 | Laurel Hill (Lorton) Development (Mount Vernon) | \$10,355,775 | \$1,664,776 | FY 2005 funding in the amount of \$1,664,776 is included to continue to address prioritized needs at the Laurel Hill site, including master planning, security and maintenance contract costs, structural maintenance and utilities at existing buildings, asbestos abatement, demolition of unserviceable buildings, and custodial, planning, and engineering personnel. In addition to State Aid, an amount of \$1,477,846 is financed by the General Fund, for a total of \$3,142,622. |
| Total | | \$10,355,775 | \$5,097,776 | |
| Fund 307, Sidewalk Construction | | | | |
| X00407 | Sidewalk Replacement/VDOT Participation (Countywide) | Continuing | \$300,000 | FY 2005 funding in the amount of \$300,000 is included 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 | | Continuing | \$300,000 | |

Details: Paydown Program (HB599 and Other Financing)

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|--|---|------------------------|----------------|--|
| Fund 308, Public Works Construction | | | | |
| A00002 | Emergency Watershed Improvements (Countywide) | Continuing | \$95,000 | FY 2005 funding in the amount of \$95,000 is included to alleviate small-scale emergency drainage problems throughout the fiscal year. Because the nature and extent of these projects are unforeseen, individual requirements cannot be identified in advance. Corrections generally cost between \$5,000 and \$20,000 apiece. Previous emergencies have included house flooding and the erosion of County-maintained roads. |
| L00034 | Kingstowne Environmental Monitoring (Lee) | Continuing | \$125,000 | FY 2005 funding in the amount of \$125,000 is included to continue monitoring efforts in support of the Kingstowne Environmental Monitoring Program, established by the Board of Supervisors in June 1985 to continue until completion of the Kingstowne Development. The program was expanded in 2002 to include water quality and monitoring standards required by the U.S. Army Corps of Engineers for the development of the South Van Dorn Extension. These requirements include water quality monitoring for four years, along with inspections and maintenance for up to ten years. |
| N00096 | Dam Repairs (Countywide) | Continuing | \$100,000 | FY 2005 funding in the amount of \$100,000 is included for conducting inspections, monitoring, and repairing dams and emergency spillways. The Maintenance and Stormwater Management Division continues to identify failed dam embankments. This project also funds the repair of failed detention pond enhancements. |
| U00005 | Secondary Monumentation (Countywide) | Continuing | \$75,000 | FY 2005 funding in the amount of \$75,000 is included to support maintenance and establishment of geodetic survey control points for the GIS system, to be used by public and private sector. Monumentation is placed on the ground for the use of the private and public sector for surveying and mapping control. |

Details: Paydown Program (HB599 and Other Financing)

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|----------------|--|------------------------|----------------|---|
| U00006 | Developer Defaults (Countywide) | Continuing | \$100,000 | FY 2005 funding in the amount of \$100,000 is included for developer default projects requiring General Fund support. The Developer Default Program requires developers to provide a security deposit, either a bond or letter of credit, to the County to ensure that public improvements associated with their developments are properly constructed. If the developer fails to provide improvements as required, the security deposit is defaulted and the County assumes responsibility for making the improvement(s). In addition to HB 599 support, funding of \$300,000 is included from developer revenues and \$250,000 from the General Fund, for total FY 2005 funding of \$650,000. |
| V00000 | Road Viewer Program (Countywide) | Continuing | \$25,000 | FY 2005 funding in the amount of \$25,000 is included to continue upgrading roads for acceptance into the State Secondary Road System. Upgrades include survey, engineering, and construction projects within the Board of Road Viewers Program. Once improvements are completed, the need for ongoing County maintenance work is eliminated. |
| V00001 | Road Maintenance Program (Countywide) | Continuing | \$25,000 | FY 2005 funding in the amount of \$25,000 is included to continue maintenance on Fairfax County roads which are not currently in the Virginia Department of Transportation (VDOT) Secondary System. This program works to ensure the safe operation of motor vehicles by upgrading and maintaining existing County travelways. The County provides maintenance on identified roads until they are accepted into the VDOT Secondary Road System. In some cases, however, the roadway will never qualify for VDOT inclusion due to physical constraints such as close proximity to a house. Therefore, a certain funding requirement will always be necessary in this project. |

Details: Paydown Program (HB599 and Other Financing)

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|----------------|--|------------------------|--------------------|---|
| Z00022 | Municipal Separate Storm Sewer System (Countywide) | Continuing | \$2,420,000 | FY 2005 funding in the amount of \$2,420,000 is included to continue 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 water quality management program. The MS4 discharge permit is considered a five-year renewal of the National Pollutant Discharge Elimination System permit approved in January 2002. Activities include water quality testing, watershed master planning, improvement programs, and development of the GIS-based storm sewer system inventory. |
| Total | | Continuing | \$2,965,000 | |

TOTAL PAYDOWN (HB 599 FINANCING)

\$8,362,776

TOTAL PAYDOWN PROGRAM

\$19,357,963

Details: General Obligation Bonds

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|--|---|------------------------|---------------------|---|
| Fund 306, Northern Virginia Regional Park Authority | | | | |
| NA | County Contribution | \$0 | \$2,500,000 | FY 2005 funding in the amount of \$2,500,000 is included for 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 2005 funding is included pending approval of a Fall 2004 Park Bond Referendum in the amount of \$10 million for Fairfax County's capital contribution to the NVRPA. FY 2005 represents the first year of County contributions associated with the 2004 referendum. |
| Total | | \$0 | \$2,500,000 | |
| Fund 309, Metro Operations and Construction | | | | |
| 88A002 | West Ox Bus Operations Facility (Sully) | \$24,181,000 | \$12,032,141 | FY 2005 funding in the amount of \$12,032,141 is included to complete the conceptual design and to proceed with construction of the West Ox Bus Operations Facility, which will service additional buses added to the Fairfax Connector fleet for the Dulles and I-66 corridors. The total project estimate is under review, with anticipation that there will be additional costs above the current estimate, requiring identification of other revenue sources or a phasing of the project. |
| Total | | \$24,181,000 | \$12,032,141 | |

Details: General Obligation Bonds

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|--|--|------------------------|----------------------|---|
| Fund 312, Public Safety Bond Construction | | | | |
| 009094 | Wolf Trap Fire Station (Dranesville) | \$7,070,000 | \$1,200,000 | FY 2005 funding in the amount of \$1,200,000 is included for the design and permitting phase of the Wolf Trap Fire Station, a new 14,000-square-foot 4-bay fire station that will address response time delays on the highly traveled area of Route 7, as well as along the Dulles Access Road corridor. This project is funded through the Fall 1989 Public Safety Facilities Bond Referendum and is consistent with the approved FY 2004 - FY 2008 Capital Improvement Program (with Future Years to 2013). |
| 009211 | Public Safety Operations Center (Springfield) | \$97,022,130 | \$23,000,000 | FY 2005 funding in the amount of \$23,000,000 is included to support the construction of the new Public Safety Operations Center, located at the Camp 30/West Ox site. FY 2005 funding represents the appropriation of remaining bond funds approved as part of the November 5, 2002 Public Safety Bond Referendum. |
| Fund 390, Public School Construction | | | | |
| NA | NA | Continuing | \$130,000,000 | FY 2005 funding in the amount of \$130,000,000 is included for school design and construction. For details, see the FY 2005 School Board's Adopted Budget. |
| Total | | Continuing | \$130,000,000 | |

TOTAL GENERAL OBLIGATION BONDS

\$182,321,034

Details: Wastewater Management System

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|--|--|------------------------|---------------------|---|
| Fund 402, Sewer Construction Improvements | | | | |
| G00901 | DC Treatment Blue Plains (Countywide) | \$72,691,342 | \$10,800,000 | FY 2005 funding in the amount of \$10,800,000 is included for Fairfax County's share of projected costs associated with the upgrade to the DC Blue Plains Wastewater Treatment Plant. |
| G00903 | Arlington Wastewater Treatment (Countywide) | \$16,387,392 | \$3,930,000 | FY 2005 funding in the amount of \$3,930,000 is included for Fairfax County's share of nitrogen removal costs at the Arlington Wastewater Treatment Plant. |
| I00351 | Pump Station Renovations (Countywide) | Continuing | \$1,500,000 | FY 2005 funding in the amount of \$1,500,000 is included for the construction of the new Powell Lane Pump Station to provide for the elimination of a sewer line segment that is covered with 40 feet of fill debris from an old, illegal landfill. |
| I00904 | ASA Wastewater Treatment Plant (Countywide) | \$187,267,523 | \$8,800,800 | FY 2005 funding in the amount of \$8,800,800 is included for Fairfax County's share of construction costs associated with improvements to the Alexandria Wastewater Treatment Plant. |
| X00445 | Integrated Sewer Metering (Countywide) | Continuing | \$50,000 | FY 2005 funding in the amount of \$50,000 is included for the Wastewater Management's annual metering program which upgrades existing sewer meters throughout the County to comply with the Virginia Water Control Board regulations. |
| X00826 | Extension Project FY 1996 (Countywide) | \$18,519,009 | \$314,400 | FY 2005 funding in the amount of \$314,400 is included for the installation of 1,000 linear feet of sewer line to seven dwellings on Glenbrook Road to address septic system failures as recommended by the Health Department. |
| X00905 | Replacement and Transmission (Countywide) | Continuing | \$10,000,000 | FY 2005 funding in the amount of \$10,000,000 is included for the recurring repair, replacement, and renovation of 20 miles of sewer lines using predominantly "no dig" technologies and the sewer line realignment of 13 line segments to prevent sewer backups/overflows. |
| X00940 | Developer Projects County Costs (Countywide) | Continuing | \$100,000 | FY 2005 funding in the amount of \$100,000 is included for the maintenance, review, and preparation of sewer grid plans prior to submission to the State Health Department and Water Control Board. |
| Total | | \$294,865,266 | \$35,495,200 | |

TOTAL WASTEWATER MANAGEMENT SYSTEM

\$35,495,200

Details: Other Financing

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|--|---|------------------------|------------------|---|
| Fund 111, Reston Community Center | | | | |
| 003716 | RCC Improvements (Hunter Mill) | \$897,144 | \$897,144 | FY 2005 funding in the amount of \$897,144 is included for the replacement of equipment at the Reston Community Center, including natatorium lighting, ventilation, pool shell, and deck tile. |
| Total | | \$897,144 | \$897,144 | |
| Fund 113, McLean Community Center | | | | |
| 003601 | MCC Improvements (Dranesville) | \$376,000 | \$376,000 | FY 2005 funding in the amount of \$376,000 is included for the replacement and upgrade of the existing lighting system wiring and control, sound system, and a feasibility study to expand McLean Community Center facility. |
| Total | | \$376,000 | \$376,000 | |
| Fund 144, Housing Trust Fund | | | | |
| 013906 | Undesignated (Countywide) | Continuing | \$272,838 | FY 2005 funding in the amount of \$272,838 is included as a planning factor for the Undesignated Project, based on anticipated proffers and interest income in FY 2005. Funding will be retained in the Undesignated Project until designated to specific projects by the FCRHA and the Board of Supervisors. |
| 014011 | Fairfax County Employees' Housing Assistance Program (Countywide) | Continuing | \$350,000 | FY 2005 funding in the amount of \$350,000 is included as a planning factor for the development of a program for Fairfax County Public Safety employees to provide down payment and closing cost assistance in purchasing a home. |
| 014098 | Housing Trust Fund Magnet Housing (Countywide) | Continuing | \$250,000 | FY 2005 funding in the amount of \$250,000 is included as a planning factor for the development of a program to provide a living/working/learning environment to move low- and moderate-income persons from lower paying jobs to a career path. |
| 014142 | Housing Trust Fund Reserve (Countywide) | Continuing | \$135,000 | FY 2005 funding in the amount of \$135,000 is included as a planning factor for housing emergencies and opportunities to acquire and/or support low- and moderate-income housing in Fairfax County. |
| 014143 | Housing Trust Fund Land Acquisition (Countywide) | \$1,500,000 | \$500,000 | FY 2005 funding in the amount of \$500,000 is included as a planning factor to pursue land as opportunities arise and partner with for- and not-for-profit entities in the development of project sites. |

Details: Other Financing

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|---|-------------------------------------|------------------------|--------------------|--|
| Total | | \$1,500,000 | \$1,507,838 | |
| Fund 145, HOME Investment Partnership Grant | | | | |
| 013974 | HOME Development Costs (Countywide) | Continuing | \$1,776,109 | FY 2005 funding in the amount of \$1,776,109 in Federal Grant funding will be allocated to specific projects as recommended by the Board of Supervisors. Allocation to specific projects is anticipated in the Spring of 2004. |
| Total | | Continuing | \$1,776,109 | |
| Fund 301, Contributed Roadway Improvement Fund | | | | |
| 007700 | Fairfax Center Reserve (Providence) | Continuing | \$505,295 | FY 2005 funding is based on anticipated contributions and pooled interest income for roadway construction in Fairfax Center area. |
| 008800 | Centreville Reserve (Sully) | Continuing | \$66,473 | FY 2005 funding is based on anticipated contributions and pooled interest income for roadway construction in Centreville area. |
| 009900 | Miscellaneous Reserve (Countywide) | Continuing | \$1,097,479 | FY 2005 funding is based on anticipated contributions and pooled interest income for miscellaneous roadway improvements. |
| 009911 | Tysons Corner Reserve (Providence) | Continuing | \$596,859 | FY 2005 funding is based on anticipated contributions and pooled interest income for roadway construction in Tysons Corner area. |
| Total | | Continuing | \$2,266,106 | |
| Fund 308, Public Works Construction | | | | |
| U00006 | Developer Defaults (Countywide) | Continuing | \$300,000 | FY 2005 funding in the amount of \$300,000 is included to complete developer default projects. The Developer Default Program requires developers to provide a security deposit, either a bond or letter of credit, to the County to ensure that public improvements associated with their developments are properly constructed. If the developer fails to provide improvements as required, the security deposit is defaulted and the County assumes responsibility for making the improvement(s). In addition to developer bonds, General Fund monies of \$250,000 and HB 599 revenues of \$100,000 are also included, for a total of \$650,000. |
| Total | | Continuing | \$300,000 | |

Details: Other Financing

| Project Number | Project Name (District) | Total Project Estimate | FY 2005 Funded | Description |
|--|-------------------------|------------------------|---------------------|--|
| Fund 309, Metro Operations and Construction | | | | |
| NA | NA | Continuing | \$1,211,107 | During their deliberations on the <i>FY 2004 Third Quarter Review</i> , the Board of Supervisors approved a decrease of \$4,950,000 in Virginia VTA bonds, as these funds will not become available until FY 2005. County General Obligation bonds available as part of the beginning balance were used instead. An offsetting FY 2005 adjustment will be completed as part of the FY 2004 Carryover Review. As a result of this action, the FY 2005 beginning balance is projected to be \$1,211,107. This amount is included to support the 103-mile Metrorail system as well as to maintain and/or acquire facilities, equipment, railcars, and buses. In addition, an amount of \$13,588,893 is included to fund Metrorail maintenance and support financed by General Obligation bonds for a total of \$14,800,000. |
| Total | | Continuing | \$1,211,107 | |
| Fund 390, Public School Construction | | | | |
| NA | NA | Continuing | \$30,015,262 | FY 2005 funding in the amount of \$30,015,262 is included for various school construction projects financed from Parent Teachers Association/Parent Teachers Organization receipts, the carryover of bond funds, and transfers from Fund 090, Public School Operating Fund. For details, see the FY 2005 School Board's Adopted Budget. |
| Total | | Continuing | \$30,015,262 | |

TOTAL OTHER FINANCING

\$38,349,566