

Arlington, Virginia

Maintenance Capital & Pay-As-You-Go

The **General Capital Pay-As-You-Go (PAYG)** budget provides funding for capital improvements using current year tax revenue, fund balance, state and federal grants, developer fees, and inter-jurisdictional revenue. Annual PAYG appropriations and voter approved bond financing are the primary sources of funding for all capital projects. Programs include contributions towards Maintenance Capital (formerly Capital Assets Preservation Program), Regional Partnerships, Neighborhood Conservation and other one-time capital expenses.

In addition to the \$2.6 million proposed for FY07, Tier II funding in the amount of \$3.993 million is proposed for Maintenance Capital and \$1.27 million for general Capital PAYG. At the time of publication, Tier II does not have identified funding and is included only for illustration purposes.

6 Year Capital Program Costs (\$ in 000s)

	FY07	FY08	FY09	FY10	FY11	FY12	6 Year Total
Maintenance Capital	1,048	16,400	16,400	16,400	16,400	16,400	83,048
General Capital PAYG	1,552	1,059	1,136	1,136	1,136	1,136	7,155
	-	-	-	-	-	-	-
Total Program Cost	2,600	17,459	17,536	17,536	17,536	-	90,203

Program Funding Sources (\$ in 000s)

	FY07	FY08	FY09	FY10	FY11	FY12	6 Year Total
Revenue from the Commonwealth	-	-	-	-	-	-	-
Developer Contribution	-	-	-	-	-	-	-
Other Funding	-	-	-	-	-	-	-
Commonwealth Loan Funds	-	-	-	-	-	-	-
Master Lease	-	-	-	-	-	-	-
Special Tax District	-	-	-	-	-	-	-
PAYG	-	-	-	-	-	-	-
Bond Issue	2,600	17,459	17,536	17,536	17,536	17,536	90,203
Total Program Funding	2,600	17,459	17,536	-	17,536	17,536	90,203

Index to Pay-As-You-Go Capital

Programs

Projects

Page

Maintenance Capital

Transportation

Public Facilities

Parks and Recreation

Information Technology

Americans with Disabilities Act (ADA) Improvements

Energy Efficiency

General Capital PAYG

Maintenance Capital

The Maintenance Capital programs prevent unnecessary loss and protect hundreds of millions of dollars in county assets from premature failure. In addition they proactively replace inefficient and outmoded infrastructure to ensure efficient operations and extend the useful life of assets. Four primary and two secondary maintenance capital categories are identified for preservation and reinvestment:

- Transportation
- Facilities
- Local Parks and Recreation
- Information Technology (IT)
- ADA Improvements
- Energy Efficiency

To determine the appropriate funding level for the Maintenance Capital (MC) program, the current condition of the County's infrastructure must be superimposed against appropriate level of service goals. For the last several years, the County has worked to refine a methodology for each asset area. For example, the street program has utilized a Pavement Condition Index (PCI) to track the current street condition along with a replacement cycle based on industry standards. That information is used to estimate what is required to maintain a given level of service.

Two years ago, staff contracted to have a complete condition assessment of all County indoor facilities. The study identified where the main components of each facility fell relative to their recommended lifespan (e.g. that a roof with a 20 year life expectancy is in the condition of a 19 year old roof). Those that have failed or exceed their life expectancy are identified for immediate replacement. As a large number of new facilities are brought into service at a substantial investment, we must now face the County's commitment to levels of service. For example, if carpeting has a recommended life of ten years, will the County invest in maintenance at a level that will provide new carpeting for Shirlington Library in ten years, or does the County extend that replacement cycle to 15 years and reduce funding? For Facilities Maintenance Capital, the level of service equates directly to the quality of the environment for the user and the long term viability of the facility.

The discussion of level of service for Parks Maintenance is very similar to Facilities Maintenance. The County has not yet invested in a complete condition assessment for Parks. At current funding levels for Parks, Maintenance Capital attention has been directed to implementing urgent maintenance projects.

In the last 4 fiscal years, the Transportation Maintenance Capital program has been funded well below historic levels. In addition, the recent increases in petroleum costs have driven asphalt costs much higher, reducing the amount of paving that can be accomplished. Approximately two full paving cycles have been deferred as a result of the lower funding level and increased costs. The proposed level of funding for FY2008 would return the paving program to a 15 year cycle, or approximately 64 lane miles resurfaced out of 954 total.

Maintenance Capital

No funding for IT systems refreshment was included in the FY07 Proposed PAYG. These funds are utilized to replace outdated software and technology systems with newer, more efficient designs. The projects boost worker productivity and are an important investment to maintain. Funding is recommended to resume the program.

The levels of service discussed above directly correlate to the appropriate level of reinvestment in the County's assets. As such, funding levels currently proposed will evolve as the Maintenance Capital program matures, and as the facility inventory fluctuates. As the County moves from deferred to preventive and proactive maintenance, life-cycle savings are anticipated, however that will require funding the programs at a level that will clear the current backlog. The \$16.4 Million annual recommendation for FY2008-2012 will allow the programs to meet sustainment needs of a growing facility inventory while still working to eventually eliminate the current backlog.

MAINTENANCE CAPITAL

Program Description

The purpose of Arlington's Maintenance Capital (MC), formerly called Capital Assets Preservation Program (CAPP), is to ensure that existing capital assets throughout the County are maintained in reliable, serviceable condition and periodically updated and renewed as necessary. Through the Capital Improvement Program, the County has invested a significant amount of financial resources in building its infrastructure. The MC program serves to prolong the useful life of these investments.

Master Plan Impact

A comprehensive Asset Management Plan is currently under development.

6 YEAR PROGRAMMED SUMMARY (\$ IN 000S)

	Tier I FY 07	Tier II FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
1. Public Facilities Maintenance Capital	-	2,148	4,000	4,000	4,000	4,000	4,000	22,148
2. Transportation Infrastructure Maintenance Capital	265	845	4,500	4,500	4,500	4,500	4,500	23,610
3. Parks & Recreational Maintenance Capital	-	1,000	3,500	3,500	3,500	3,500	3,500	18,500
4. Information Technology Maintenance Capital	-	-	3,000	3,000	3,000	3,000	3,000	15,000
5. ADA Improvements	783	-	1,000	1,000	1,000	1,000	1,000	5,783
6. Energy Efficiency	-	-	400	400	400	400	400	2,000
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
Total Recommendation	1,048	3,993	16,400	16,400	16,400	16,400	16,400	87,041

Cost Estimate Footnote: Estimates are not based on the design cost of a specific project, but rather on a level of investment in the program.

PROGRAM FUNDING SOURCES (\$ IN 000S)

	Tier I FY 07	Tier II FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
Other Funding	-	-	-	-	-	-	-	-
Total Outside Revenue	-	-	-	-	-	-	-	-
Special Tax District	-	-	-	-	-	-	-	-
Commonwealth Loan Funds	-	-	-	-	-	-	-	-
Master Lease	-	-	-	-	-	-	-	-
PAYG	1,048	-	16,400	16,400	16,400	16,400	16,400	85,041
Bond Issue	-	-	-	-	-	-	-	-
Total Funding Sources	1,048	-	16,400	16,400	16,400	16,400	16,400	83,048

Funding for FY07 PAYG Tier II has not been established at the time of publication.

1. FACILITIES MAINTENANCE CAPITAL

Project Description

Over the life-cycle of facilities the roofs, mechanical, electrical, and other systems require replacement and upgrades to maintain quality, meet current codes and remain up to date technologically. Maintenance Capital funds those projects and also addresses accessibility and safety enhancements. Projects do not substantially alter the characteristics or enlarge the footprint of the facility.

Tier II of the proposed FY2007 PAYG includes \$2,148,000 for Facilities Maintenance.

A prioritized list of projects currently requiring funding is included at the end of this section.

Associated Master Plan:

A Comprehensive Asset Management Plan is currently under development

Neighborhood:

Various

COUNTY-WIDE

Project Strategic Goal

Facilities Maintenance Capital provides for recurring, systematic re-investment in existing facilities to insure efficient, safe, quality operating environments for occupants and users.

The County maintains:

- Over 1.5 million square feet
- 65 facilities

Staff recommends \$2.65/square foot per year as the level of investment for replacing roofs, lighting, carpeting, boilers, HVAC, and other building systems.

Project Justification

An independent condition assessment has been completed for all County facilities. Projects identified by the assessment will:

- Repair or replace critical building systems that have exceeded their life expectancy
- Avoid liabilities associated with the possible disruption of vital government services
- Eliminate deferred maintenance by upgrading buildings and equipment to lower future maintenance costs
- Improve performance levels consistent with industry standards through installation of high efficiency equipment with new technology to lower utility costs in concert with the Energy Efficiency program

The Justice Center (625,000sf) requires extensive work as it approaches 15 years in service; approximately \$7 million in projects are identified and include:

- Replacement of the Detention Center security system
- Exterior maintenance similar to that performed on Court House Plaza last summer
- Interior finishes and carpeting in the Courts Police building.



Exterior of Courts Police

1 Public Facilities Maintenance Capital

CAPITAL COST SCHEDULE (\$ IN 000s)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
A & E		500	500	500	500	500	2,500
Land Acquisition							-
Construction		3,500	3,500	3,500	3,500	3,500	17,500
Relocation and Temp Facilities							-
Equipment and Furnishings							-
Total Project Cost	-	4,000	4,000	4,000	4,000	4,000	20,000

Notes on Cost Estimates

The current estimate is based on a preliminary needs assessment and capacity to complete work. Future costs will be adjusted to reflect the outcome of the detailed condition assessment.

FUNDING SCHEDULE (\$ IN 000s)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
Commonwealth Revenue							-
Developer Contributions							-
Other Funding							-
Total Outside Revenue	-	-	-	-	-	-	-
PAYG							-
Commonwealth Loan Funds							-
Master Lease							-
PAYG	-	4,000	4,000	4,000	4,000	4,000	20,000
Bond Issue							-
Total County Contribution	-	4,000	4,000	4,000	4,000	4,000	20,000

Notes on Funding Schedule

Only Tier I of the FY07 proposed PAYG funding is shown.

Tier II of the FY07 proposed PAYG recommended \$2.148 million.

PAYG funding is recommended for all Maintenance Capital programs.

PROJECTED ADDITIONAL OPERATING COSTS (\$ IN 000s)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12
Anticipated FTEs						
New Operations Cost						
New Facilities Cost						
Master Lease Financing Cost						
Maintenance Capital Impact						
Gross Operating Cost	-	-	-	-	-	-
Less Fees						
Net Operating Cost	-	-	-	-	-	-

Notes on Operating Costs

No additional operating costs are anticipated as a result of Maintenance Capital. Some savings may accrue as more energy efficient equipment is used to replace worn out equipment.

Arlington, Virginia

Facilities Maintenance Capital Current Project List (Prioritized)

Facility	Description	Estimate Cost	Running Total
Emergency Set-aside	Funding for unforeseen repairs and replacements	\$ 300,000	\$ 300,000
Clarendon House	Fire alarm system installation	\$ 13,000	\$ 13,000
Independence House	Fire alarm system replacement - code & life cycle issues	\$ 13,000	\$ 26,000
Woodmont Center	Fire alarm system replacement - code & life cycle issues	\$ 25,000	\$ 51,000
Drewry Center	Replace fire alarm panel - outdated	\$ 18,000	\$ 69,000
Community Residences	Install fire alarm system	\$ 15,000	\$ 84,000
Woodmont Center	GSD portion of Intrusion System Upgrade	\$ 10,000	\$ 94,000
Courts/ Polices Bldgs.	Install freight car elevator card reader	\$ 40,000	\$ 134,000
Courts/ Polices Bldgs.	Replace 2 ejector pit pumps/ 2 storm pumps	\$ 20,000	\$ 154,000
Arlington Daycare	Front entrance totlot drainage/ safety improvements	\$ 30,000	\$ 184,000
Detention Facility	Install 4 VFDs - HVAC System - completes all VFDs	\$ 30,000	\$ 214,000
Argus House	West End Shower to be gutted and redone	\$ 14,550	\$ 228,550
Aurora Hills Library	Replace kitchen cabinets and counter top in Rec. Center	\$ 10,000	\$ 238,550
Fire Station #1	Redo men's shower/ includes doors and tiles	\$ 13,850	\$ 252,400
Fire Station #8	Saw cut bad sections concrete apron for rear bays entrance	\$ 5,000	\$ 257,400
Motorola Building	Paint exterior	\$ 8,000	\$ 265,400
Motorola Building	Asphalt pavement repair	\$ 6,536	\$ 271,936
Fire Station #10	Install new drywall and paneling	\$ 5,000	\$ 276,936
Water/ Sewer/ Streets	Install attic fans	\$ 5,000	\$ 281,936
Central Library	Replace sign on corner of 10th St. and Quincy St.	\$ 6,000	\$ 287,936
Drewry Center	Replace ceiling tiles and paint grid	\$ 20,000	\$ 307,936
Fire Station #8	Install an exhaust fan for engine bay	\$ 7,000	\$ 314,936
Courts/ Polices Bldgs.	Repair water leak at 14th St entrance	\$ 20,000	\$ 334,936
Dawson Terrace Recreation Center	Flat roof replacement.	\$ 15,000	\$ 349,936
Courts/Police Bldg	Install 4 VFDs - will complete all VFDs	\$ 30,000	\$ 379,936
Courts/Police Bldg	Install 2 simplex display panels - alarm system/ 5th & 11th floor	\$ 10,000	\$ 389,936
Justice Center	EM/BAS upgrade from obsolete Siemens	\$ 250,000	\$ 639,936
Detention Facility	Domestic water heat exchanger #1	\$ 23,000	\$ 662,936
Detention Facility	Scrape/Paint 50 shower ceilings/ seal 50 shower floors	\$ 52,500	\$ 715,436
Detention Facility	Replace 17 deputy stations	\$ 100,000	\$ 815,436
Detention Facility	Paint 1 entire floor - scheduled paint cycle	\$ 40,000	\$ 855,436
Detention Facility	Unknown leak origin; repair - garage entrance	\$ 20,000	\$ 875,436

Justice Center	Clean drains and seal concrete under pebbles in plaza	\$ 15,000	\$ 890,436
Drewry Center	Overlay driveway - significant failures	\$ 40,328	\$ 930,764
Justice Center	Power wash, recaulk and reseal precast	\$ 1,200,000	\$ 2,130,764
Aurora Hill Adult Center/Library	Carpeting; replace	\$ 110,102	\$ 2,240,866
Central Library	Pressure wash exterior	\$ 50,000	\$ 2,290,866
Central Library	Office area carpeting; replace	\$ 92,000	\$ 2,382,866
Community Residences	Wood windows; replace	\$ 36,000	\$ 2,418,866
Fire Station 1	Single-ply EPDM roof. Replace.	\$ 275,000	\$ 2,693,866
Metro Tunnel	Elevator mechanical room; waterproof	\$ 7,500	\$ 2,701,366
Vehicle Repair Facility Equipment Division	Exterior walls; replace caulking	\$ 17,846	\$ 2,719,212
Vehicle Repair Facility Equipment Division	Damaged exterior walls; repair	\$ 7,550	\$ 2,726,762
Vehicle Repair Facility Equipment Division	Asphalt paving; repair	\$ 21,450	\$ 2,748,212
Dawson Terrace Recreation Center	Replace electric resistance heat	\$ 3,088	\$ 2,751,300
Detention Facility	Split system AC RUL	\$ 12,000	\$ 2,763,300
DPW Garage Bays	Paint exterior brick and CMU and pre-cast panels	\$ 50,000	\$ 2,813,300
DPW Garage Bays	Repair brick and CMU by cleaning, tuck pointing, and applying a checkcoating.	\$ 33,977	\$ 2,847,277
DPW Garage Bay	Replace roof	\$ 92,000	\$ 2,939,277
Fire Academy	Single-ply EPDM roofing. Replace.	\$ 8,417	\$ 2,947,694
Fire Academy	Asphalt shingle roofing. Replace.	\$ 20,592	\$ 2,968,286
Fire Academy	Roof flashing. Replace.	\$ 12,870	\$ 2,981,156
Fire Station #8	Repave parking lot	\$ 11,515	\$ 2,992,671
Fort CF Smith 100	Wood siding	\$ 12,870	\$ 3,005,541
Glen Carlyn Branch Library	RUL ceiling tile replacement.	\$ 9,309	\$ 3,014,850
Gulf Branch Nature Center Main Building	Replace carpet.	\$ 20,978	\$ 3,035,828
Gulf Branch Nature Center Main Building	Asphalt pavement repair	\$ 4,278	\$ 3,040,106
Arlington Daycare	Replace front entranceway (concrete)	\$ 15,000	\$ 3,055,106
Arlington Daycare	Replace kitchen cabinets and oven/dishwasher	\$ 15,000	\$ 3,070,106
Fire Station 10	Carpet. Replace.	\$ 8,811	\$ 3,078,917
Court Square West	Repair roof at cooling tower area	\$ 4,000	\$ 3,082,917
Courts/Police Bldg.	Replace carpet in Judge's chambers	\$ 80,000	\$ 3,162,917
Detention Facility	Replace rusted, damaged service doors	\$ 3,620	\$ 3,166,537
Old Fire Station 5 (Aurora Hills)	Modified bitumen roofing. Replace.	\$ 202,008	\$ 3,368,545
Old Fire Station 5 (Aurora Hills)	Replace generator	\$ 90,000	\$ 3,458,545
	Total		\$ 3,458,545

2. TRANSPORTATION MAINTENANCE CAPITAL

Project Description

The program repaves streets, maintains pedestrian and vehicular bridges, maintains signals and signal infrastructure, and replaces bus shelters.

The FY07 PAYG funding is augmented by \$1 Million from the 2004 bond. If Tier I is funded, approximately 15 lane miles of resurfacing will be completed in calendar year 2006. If both Tier I and II are funded, approximately 23 lane miles will be resurfaced. A map illustrating resurfacing levels is included at the end of this program section.

The current funding levels do not support signal maintenance or bus shelter replacement.

Associated Master Plan:

Master Transportation Plan, Asset Management Plan

Neighborhood:

Various

Advisory Commission:

Transportation

COUNTY-WIDE

Project Strategic Goal

The goal of this program is to maintain the transportation infrastructure by repaving streets, maintaining pedestrian and vehicular bridges, maintaining signals and signal infrastructure, and replacing bus shelters.

The program maintains:

- over 960 lane miles of streets
- 14 vehicular, 8 culvert and 9 pedestrian bridges
- Over 100 bus shelters
- 238 Signalized intersections
- 37 miles of Paved Trails



Failing Street

Project Justification

Paving utilizes a combination of the Pavement Condition Index (PCI) and use levels to determine approximately 64 lane miles, or 7 percent of the total must be repaved annually. Repaving 64 lane miles equates to a 15 year paving cycle on average, which takes into account 20-30 year cycles on residential streets and 7-10 year cycles on larger arterial streets. Bridges and Signals require 100% safety and reliability to ensure safe traffic and pedestrian movements, while also periodically enhancing signal capabilities to improve intersection performance. Bus shelters are to be maintained as quality facilities to encourage ridership.

Due to the reduction in funding and increased costs of the last four paving seasons, on a mileage resurfaced basis the program has been effectively reduced to half its previous level. For the four years to the present, 123 lane miles have been resurfaced. To meet the stated goal of 64 lane miles a year, a total of 256 lane miles should have been resurfaced in that period.

2 Transportation Infrastructure Maintenance Capital

CAPITAL COST SCHEDULE (\$ IN 000s)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
A & E							-
Land Acquisition							-
Construction	265	4,500	4,500	4,500	4,500	4,500	22,765
Relocation and Temp Facilities							-
Equipment and Furnishings							-
Total Project Cost	265	4,500	4,500	4,500	4,500	4,500	22,765

Notes on Cost Estimates

The funding levels for the program is based upon historic expenditures and known issues requiring additional funding within the next six years.

FUNDING SCHEDULE (\$ IN 000s)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
Commonwealth Revenue							-
Developer Contributions							-
Other Funding							-
Total Outside Revenue	-	-	-	-	-	-	-
PAYG							-
Commonwealth Loan Funds							-
Master Lease							-
PAYG	265	4,500	4,500	4,500	4,500	4,500	22,765
Bond Issue							-
Total County Contribution	265	4,500	4,500	4,500	4,500	4,500	22,765

Notes on Funding Schedule

Only Tier I of the FY07 proposed PAYG funding is shown.

Tier II of the FY07 proposed PAYG recommended \$845,000 in addition to Tier I.

PAYG funding is recommended for all Maintenance Capital programs.

PROJECTED ADDITIONAL OPERATING COSTS (\$ IN 000s)

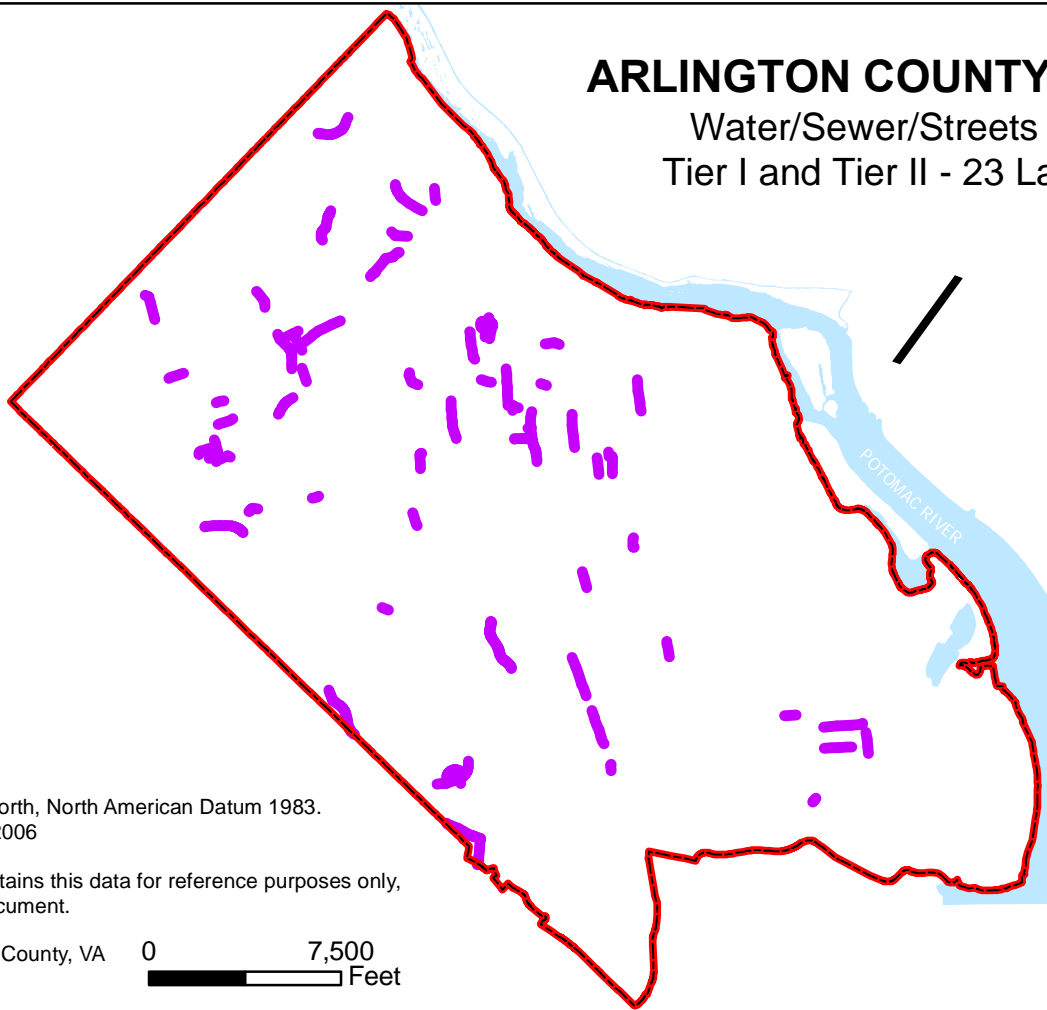
	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12
Anticipated FTEs						
New Operations Cost						
New Facilities Cost						
Master Lease Financing Cost						
Maintenance Capital Impact						
Gross Operating Cost	-	-	-	-	-	-
Less Fees						
Net Operating Cost	-	-	-	-	-	-

Notes on Operating Costs

No additional operating costs are anticipated as a result of Maintenance Capital.

ARLINGTON COUNTY, VIRGINIA

Water/Sewer/Streets Bureau
Tier I and Tier II - 23 Lane Miles



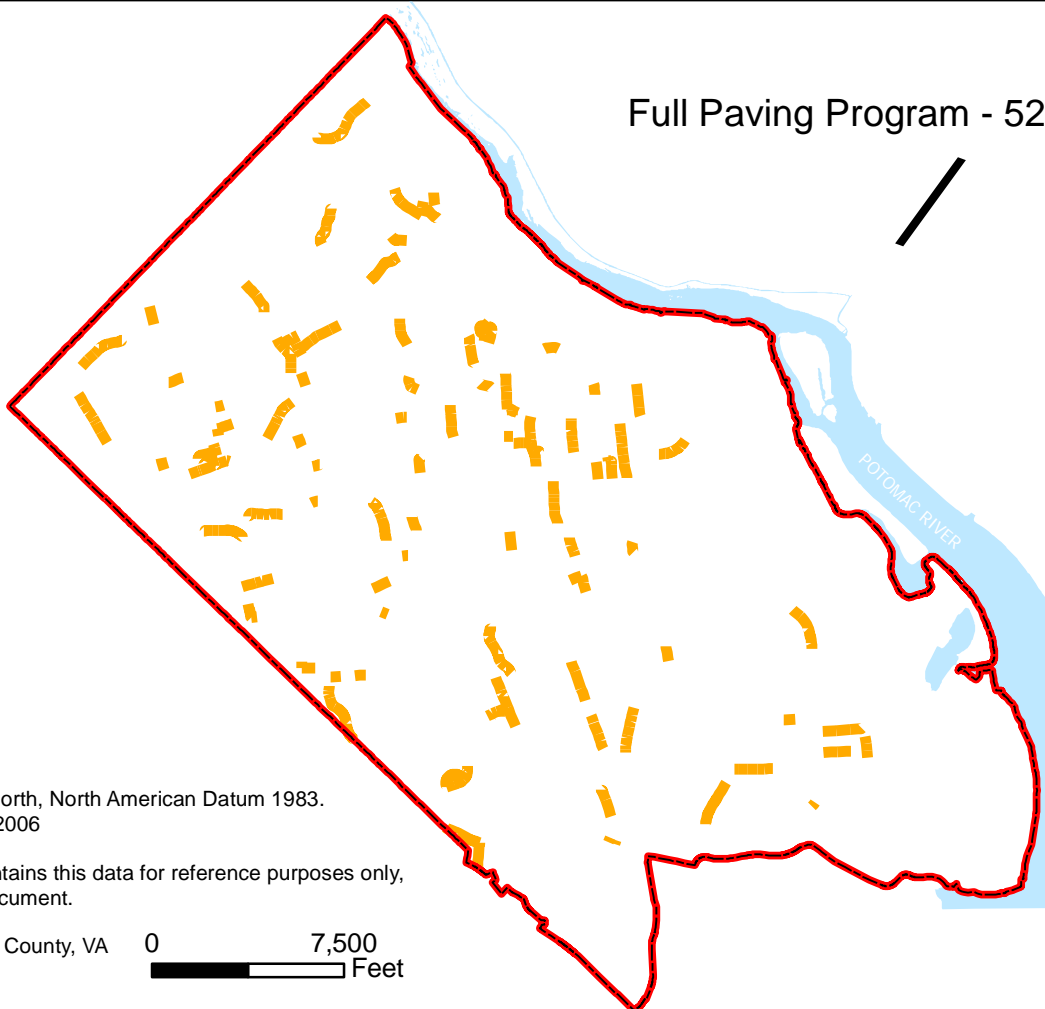
GIS Mapping Center.
Virginia State Plane North, North American Datum 1983.
Printing Date: March 2006

Arlington County maintains this data for reference purposes only,
and is Not a Legal Document.

Map © 2005 Arlington County, VA
GIS Mapping Center



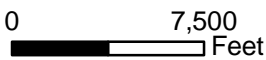
Full Paving Program - 52 Lane Miles



GIS Mapping Center.
Virginia State Plane North, North American Datum 1983.
Printing Date: March 2006

Arlington County maintains this data for reference purposes only,
and is Not a Legal Document.

Map © 2005 Arlington County, VA
GIS Mapping Center



3. PARKS MAINTENANCE CAPITAL

Project Description

The Parks Maintenance Capital Program funds the replacement or rehabilitation of different types of park and recreation assets.

A prioritized list of projects currently requiring funding is included at the end of this section.

Associated Master Plan:

A Comprehensive Asset Management Plan is currently under development

Neighborhood:

Various

Advisory Commission:

Parks and Recreation Commission, Public Arts Commission, Sports Commission

COUNTY-WIDE

Project Strategic Goal

Similar to the Facilities Maintenance Capital program, Parks Maintenance Capital provides for recurring, systematic re-investment in existing facilities to insure efficient, safe, quality recreation environments for occupants and users. The County currently maintains:

- 70 grass Athletic Fields
- 5 synthetic fields
- 24 Comfort Stations
- 80 Playgrounds
- 7 Community Canine Areas
- 193 Tennis and Basketball Courts



New Comfort Station

Ancillary equipment includes: 47 Picnic Shelters, 750 Picnic Tables, 500 Benches, 150 Grills, 75 Kiosks and 60 Drinking Fountains. Annual funding is based on preliminary needs analyses using historical experience and industry standards for the expected life of the various equipment types. Future funding needs will also be determined based upon the results of a comprehensive condition assessment.

Project Justification

Priorities in the attached list are based on equipment condition and age, with an approach to replace the worst first. The existing condition of some playgrounds does not reflect the spirit and enthusiasm of the close-by community, and some fields have been worn so badly they can no longer simply be maintained; they must be restored for safe and enjoyable play.

3 Parks & Recreational Maintenance Capital

CAPITAL COST SCHEDULE (\$ IN 000s)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
A & E		595	595	595	595	595	2,975
Land Acquisition							-
Construction		2,905	2,905	2,905	2,905	2,905	14,525
Relocation and Temp Facilities							-
Equipment and Furnishings							-
Total Project Cost	-	3,500	3,500	3,500	3,500	3,500	17,500

Notes on Cost Estimates

The funding levels for the program is based upon historic expenditures and known issues requiring additional funding within the next six years.

FUNDING SCHEDULE (\$ IN 000s)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
Commonwealth Revenue							-
Developer Contributions							-
Other Funding							-
Total Outside Revenue	-	-	-	-	-	-	-
PAYG							-
Commonwealth Loan Funds							-
Master Lease							-
PAYG	-	3,500	3,500	3,500	3,500	3,500	17,500
Bond Issue							-
Total County Contribution	-	3,500	3,500	3,500	3,500	3,500	17,500

Notes on Funding Schedule

Only Tier I of the FY07 proposed PAYG funding is shown.

Tier II of the FY07 proposed PAYG recommended \$1.0 million.

PAYG funding is recommended for all Maintenance Capital programs.

PROJECTED ADDITIONAL OPERATING COSTS (\$ IN 000s)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12
Anticipated FTEs						
New Operations Cost						
New Facilities Cost						
Master Lease Financing Cost						
Maintenance Capital Impact						
Gross Operating Cost	-	-	-	-	-	-
<i>Less Fees</i>						
Net Operating Cost	-	-	-	-	-	-

Notes on Operating Costs

No additional operating costs are anticipated as a result of Maintenance Capital.

Arlington, Virginia

Parks Maintenance Capital Current Project List (Prioritized)

Facility	Description	Estimate Cost	Running Total
Emergency Set-aside	Funding for unforeseen repairs and replacements	\$ 300,000	\$ 300,000
Fort Scott Park	Comfort Station Renovation - past useful life	\$75,000	\$ 375,000
Various	Drop-In Athletic Fields - past useful life	\$120,000	\$ 495,000
Parkhurst Park	Playground - significant failures	\$500,000	\$ 995,000
Va. Highlands Park	Athletic Field Lights #3 and #4 Lights - replacing outdated equipment	\$530,000	\$ 1,525,000
Lubber Run Park	Amphitheater - significant failures	\$350,000	\$ 1,875,000
Lyon Village Park	Fence - past useful life	\$78,000	\$ 1,953,000
Lyon Village Park	Picnic Shelter Roof - significant failures	\$69,000	\$ 2,022,000
Lyon Village Park	Tennis Courts (2 courts) - significant failures	\$250,000	\$ 2,272,000
Williamsburg MS	Athletic Field #2 Bermuda sod - past useful life	\$100,000	\$ 2,372,000
Thomas Jefferson Comm. Center	Upper Field Irrigation and Sod - past useful life	\$150,000	\$ 2,522,000
Nauck Park	Playground - significant failures	\$702,000	\$ 3,224,000
Wakefield HS	Stadium Lights - replacing outdated equipment	\$400,000	\$ 3,624,000
Madison Manor Park	Comfort Station Renovation - past useful life	\$75,000	\$ 3,699,000
Various	Site Furnishings - past useful life	\$150,000	\$ 3,849,000
Various	Parking Lots - past useful life	\$228,000	\$ 4,077,000
Benjamin Banneker Park	Athletic Field Bermuda Sod - past useful life	\$75,000	\$ 4,152,000
Highview Park	Comfort Station - past useful life	\$265,000	\$ 4,417,000
Rocky Run Park	Picnic Shelter Roof - past useful life	\$69,000	\$ 4,486,000
Bluemont Park	Playground - significant failures	\$702,000	\$ 5,188,000
Quincy Park	Athletic Field L#3 Lights - replacing outdated equipment	\$265,000	\$ 5,453,000
Total			\$ 5,453,000

4. IT MAINTENANCE CAPITAL

Project Description

The Information Technology Investments Program focuses on three categories of IT assets. Business Systems are the department-oriented software and hardware solutions that enable the individual departments to provide enhanced services. Enterprise Systems are software applications that support operations across all departments. Infrastructure Hardware includes projects and investments that provide the foundation on which the business and enterprise systems reside.

A prioritized list of projects currently requiring funding is included at the end of this section.

Associated Master Plan:

Technology Master Plan

Neighborhood:

N/A

Advisory Commission:

N/A

COUNTY-WIDE

Project Strategic Goal

The goal of the IT MC program is to keep the County's existing business systems refreshed or replaced on a reasonably expected system life-cycle so the systems remain useful, operable, and responsive to business needs.



Server

This program maintains:

- Over 90 business applications

The systems and software serve the Departments and typically reach the end of their useful life-expectancy between 3 and 8 years, at which point the systems become increasingly costly to maintain and difficult to exchange information with other systems. Priorities for determining which applications to replace first are driven by age, criticality of the system to operations, and availability of on-going support from the application's vendor.

Project Justification

We are currently underway with a replacement of our most critical enterprise-wide systems: the Human Resources system, the financial system, and the tax administration system. These systems are essential to the operation of the County and its services to the public. In FY07 there are 15 business applications due for replacement. In FY08, there are 23 and in FY10 there are 24. As business needs and technology evolve, we will continue to look for cost-effective life-cycle replacements, while maintaining operations. Priorities are established by an inter-department team: The Technology Leadership Committee.

4 Information Technology Maintenance Capital

CAPITAL COST SCHEDULE (\$ IN 000s)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
A & E							-
Land Acquisition							-
Construction							-
Relocation and Temp Facilities							-
Equipment and Furnishings	-	3,000	3,000	3,000	3,000	3,000	15,000
Total Project Cost	-	3,000	3,000	3,000	3,000	3,000	15,000

Notes on Cost Estimates

The funding levels for the program is based upon historic expenditures and known issues requiring additional funding within the next six years.

FUNDING SCHEDULE (\$ IN 000s)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
Commonwealth Revenue							-
Developer Contributions							-
Other Funding							-
Total Outside Revenue	-	-	-	-	-	-	-
PAYG							-
Commonwealth Loan Funds							-
Master Lease							-
PAYG	-	3,000	3,000	3,000	3,000	3,000	15,000
Bond Issue							-
Total County Contribution	-	3,000	3,000	3,000	3,000	3,000	15,000

Notes on Funding Schedule

PAYG funding is recommended for all Maintenance Capital programs.

No funding is included in the FY07 proposed PAYG.

PROJECTED ADDITIONAL OPERATING COSTS (\$ IN 000s)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12
Anticipated FTEs						
New Operations Cost						
New Facilities Cost						
Master Lease Financing Cost						
Maintenance Capital Impact						
Gross Operating Cost	-	-	-	-	-	-
Less Fees						
Net Operating Cost	-	-	-	-	-	-

Notes on Operating Costs

No additional operating costs are anticipated as a result of Maintenance Capital.

Arlington, Virginia

IT Maintenance Capital Current Project List (Prioritized)

Facility	Description	Estimate Cost	Running Total
Electronic Records Management Expansion – Deeds, Wills, Judgments	Scan and index paper and microfilm images of wills, deeds, and judgments onto ERMS platform, providing full on-line title search capabilities for documents dating back to 1945. (Circuit Court)	\$215,000	\$ 215,000
Electronic Records Management E	Scan, index, and load marriage licenses and trade name documents into the ERMS eliminating paper system and providing new business applicants with on-line lookups in Commissioner's Office; replace manual index and paper-only documents with electronic images and on-line lookup, enabling disaster recovery in event of damage or loss. (Circuit Court)	\$100,000	\$ 315,000
<i>Electronic Records Management Expansion - Site Plan Review Process Automation</i>	Establish automated business processes and workflow to streamline the site plan process, enable on-line searching and viewing of documents, and provide for disaster recovery, enabling proper records retention and quicker response to inquiries. (CPHD)	\$625,000	\$ 940,000
Electronic Records Management Expansion - Site Plan Document Imaging	Scan and index over 750,000 paper architectural drawings, photos, books, use permits, variances, rezonings, plats, and related documents to enable on-line indexing, storage, and retrieval supporting the site plan review process. (CPHD)	\$154,000	\$ 1,094,000
On-line Business Tax Filing	Enable business to file their business license and meals tax returns electronically at the same time as paying their tax bill on the payment portal. (Commissioner)	\$190,000	\$ 1,284,000
Biometric Inmate Release Verification	Create an inventory of inmate biometrics (e.g., fingerprint) to verify identity prior to release from jail. (Sheriff)	\$137,000	\$ 1,421,000
Intranet Expansion	Expand AC Source to provide additional department-level intranets and to increase reliability of single sign-on infrastructure. (DTS)	\$150,000	\$ 1,571,000
IT Planning Fund	Set aside funding for planning of IT strategies at the department or function level, to be allocated by the TLC on a case-by-case basis. (TLC)	\$75,000	\$ 1,646,000

Wireless LAN for CACI Building	Provide business amenity to visitors and greater flexibility for County staff in accessing the network and the Internet through wireless connectivity. (AED)	\$44,000	\$ 1,690,000
Jury Summons Refresh	Refresh the current mainframe-based Jury Summons system with modern technology, advancing the County's goal to retire the mainframe computer. (Circuit Court)	\$60,000	\$ 1,750,000
Historic Preservation Database	Reduce the risk of demolition of historic County properties by collecting historic property survey results into an easily accessible repository to be incorporated into the site plan review process and shared with the public and other departments. (CPHD)	\$85,000	\$ 1,835,000
Field-Based Inspection Reports	Improve the productivity and quality of results of the County's building inspectors and code enforcement inspectors by enabling them to record their results in the field using 12 additional wireless tablet PC's. (CPHD)	\$60,500	\$ 1,895,500
Public Safety ID Card System Refresh	Refresh the existing obsolete public safety ID card creation system with a solution that will eliminate duplicate formats of ID for Courts/Police and Detention Center. (Sheriff)	\$12,470	\$ 1,907,970
Real Estate Lease Management Software	Implement solution to track leases (payable and receivable) for County space, provide notification of rent increases, and track collections. (DES)	\$100,000	\$ 2,007,970
Field-Based Work-Order Closeout	Enable field mechanics to close out work orders using wireless lap-tops in the field, eliminating duplicate data capture, reducing the error rate, and providing earlier notification of work completed. (DES)	\$59,000	\$ 2,066,970
Real-Time Bus Arrival Times	Provide ART bus-riders with real-time estimated arrival time at bus shelters, on the web, and transmitted to PDA devices. (DES)	\$329,400	\$ 2,396,370
Enable 24x7 DES Call Center	Provide means for DES customers to place telephone-based requests for services that flow directly into the work order system, eliminating duplicate data entry and misplaced requests. (DES)	\$68,500	\$ 2,464,870
Consistency of Look and Brand	Improve the consistency and professionalism of published materials such as brochures and flyers by implementing software that manages approved templates, formats, and graphics. Pilot in PRCR with an eye toward enterprise-wide implementation. (PRCR)	\$65,000	\$ 2,529,870
Image and Multimedia Content Repository	Provide a searchable repository of images, marketing videos, training videos, etc., to house content for storage and reuse. (PRCR)	\$85,000	\$ 2,614,870
Community Center Conference Room Enhancements	Improve meeting productivity and facilitate collaboration by installing Smartboards, ceiling mounted projectors, PCs, printers, and wireless hot-spot for 5 PRCR conference rooms.	\$54,000	\$ 2,668,870

IT Project Portfolio Management	Improve ability to track IT project schedules and budgets against plan, forecast completion dates and budget at completion, and identify project variances earlier through an expansion to CAPTrack.	\$20,000	\$ 2,688,870
Contingency		\$300,000	\$ 2,988,870
		Total	\$ 2,988,870

5. ADA IMPROVEMENTS

Project Description

This new program will address ADA issues County-wide including Parks, Facilities and Channel 71. Initially the program will be focused on correcting issues identified by the DOJ review. In the future it will proactively address ADA improvements.

Associated Master Plan:

Impacts multiple Master Plans

Neighborhood:

County-wide

Advisory Commission:

Disability Advisory Commission

Project Strategic Goal

The Federal Department of Justice (DOJ) initiated a voluntary Americans with Disabilities (ADA) compliance review on a sample of public facilities in Arlington. A list of compliance items was developed and prioritized into three categories based on how soon they could be corrected. The first category included items such as door opening pressures that did not comply with ADA standards, building access routes that did not comply, inadequate signage, and incorrect support rail dimensions in rest rooms. As a result of the review, creation of an annual program to initiate ADA improvements at County Facilities and Parks is recommended.

Project Justification

The initial projects are identified in an agreement with the Department of Justice and signed by the County Manager on March 30th 2006. Completion of those projects is a requirement of the agreement.



**International Symbol of
Accessibility**

5. ADA Improvements

CAPITAL COST SCHEDULE (\$ IN 000S)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
A & E		200	200	200	200	200	1,000
Land Acquisition							-
Construction	783	800	800	800	800	800	4,783
Relocation and Temp Facilities							-
Equipment and Furnishings							-
Total Project Cost	783	1,000	1,000	1,000	1,000	1,000	5,783

Notes on Cost Estimates

FY07 funding is based on the need identified as a result of the DOJ agreement. Future funding levels will require review based on needs.

FUNDING SCHEDULE (\$ IN 000S)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
Commonwealth Revenue							-
Developer Contributions							-
Other Funding							-
Total Outside Revenue	-	-	-	-	-	-	-
PAYG							-
Commonwealth Loan Funds							-
Master Lease							-
PAYG	783	1,000	1,000	1,000	1,000	1,000	5,783
Bond Issue							-
Total County Contribution	783	1,000	1,000	1,000	1,000	1,000	5,783

Notes on Funding Schedule

PAYG funding is recommended for all Maintenance Capital programs.

PROJECTED ADDITIONAL OPERATING COSTS (\$ IN 000S)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12
Anticipated FTEs						
New Operations Cost						
New Facilities Cost						
Master Lease Financing Cost						
Maintenance Capital Impact						
Gross Operating Cost	-	-	-	-	-	-
<i>Less Fees</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
Net Operating Cost	-	-	-	-	-	-

Notes on Operating Costs

No additional operating costs are anticipated as a result of Maintenance Capital.

6. ENERGY EFFICIENCY

Project Description

The program focuses on reducing energy consumption in County facilities.

Associated Master Plan:

N/A

Neighborhood:

County-wide

Advisory Commission:

Environmental and Energy
Conservation Commission

COUNTY-WIDE

Project Strategic Goal

The strategic goal of this program is to minimize energy consumption and energy costs. The targeted goal is to reduce energy consumption 2 percent per year, adjusted for square footage increases and changes in service. This is consistent with the County's vision of a sustainable community. A sustainable future requires a reduction in the use of polluting, non-renewable energy sources, such as fossil fuels. The reduction of energy consumption conserves resources, reduces greenhouse gas emissions, and encourages and models the right behaviors to the community. The program continues to develop opportunities in lifecycle costing, performance contracting and building automation systems.



Graphic

Project Justification

Energy costs have risen significantly in the past year and are expected to continue to increase. The cost for a therm of natural gas has risen from \$0.50 to \$1.05 since last year, and FY 2007 utility costs are projected to increase 30% compared to FY2006 budgeted levels. While significant recent energy conservation gains have been made in intensive use areas such as motor and pump replacements at the wastewater treatment plant, County buildings offer many opportunities for energy conservation as the single largest group of users of natural gas and electricity.

GENERAL CAPITAL PAYG

Program Description

Arlington annually contributes capital funding to several regional organizations, which provide beneficial services to Arlington residents and visitors. In addition funds are included for the Neighborhood Conservation (NC) Program which funds public improvements in neighborhoods throughout the County.

The proposed FY2007 budget includes two tiers of PAYG funding. The second tier does not have identified funding and therefore is not included here. The adopted CIP will be updated to include actual FY2007 PAYG amounts.

Out year funding is not proposed at this time for Neighborhood Conservation, Neighborhood Traffic Calming, or Park Enhancement Grants.

Master Plan Impact

N/A

6 YEAR PROGRAMMED SUMMARY (\$ IN 000s)

	Tier I FY07	Tier II FY07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
1 Northern Virginia Community College	193	-	193	193	193	193	193	1,158
2 Northern Virginia Regional Park Authority	480	-	480	557	557	557	557	3,188
3 Northern Virginia Regional Identification	28	-	28	28	28	28	28	168
4 Peumansend Creek Regional Jail Authority	204	-	204	204	204	204	204	1,224
5 Northern Virginia Criminal Justice Academy	147	-	154	154	154	154	154	917
6. Neighborhood Conservation	500	-	-	-	-	-	-	-
7. Facilities Planning	-	700	-	-	-	-	-	-
8. Neighborhood Traffic Calming	-	500	-	-	-	-	-	-
9. Park Enhancement Grants	-	70	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
Total Recommendation	1,552	1,270	1,059	1,136	1,136	1,136	1,136	8,425

Cost Estimate Footnote: Estimates are not based on the design cost of a specific project, but rather on a level of investment in the program.

PROGRAM FUNDING SOURCES (\$ IN 000s)

	Tier I FY07	Tier II FY07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
Revenue from the Commonwealth	-	-	-	-	-	-	-	-
Developer Contribution	-	-	-	-	-	-	-	-
Other Funding	-	-	-	-	-	-	-	-
Special Tax District	-	-	-	-	-	-	-	-
Commonwealth Loan Funds	-	-	-	-	-	-	-	-
Master Lease	-	-	-	-	-	-	-	-
PAYG	1,552	-	1,059	1,136	1,136	1,136	1,136	6,655
Bond Issue	-	-	-	-	-	-	-	-
Total Funding Sources	1,552	-	1,059	1,136	1,136	1,136	1,136	6,655

Funding for FY07 PAYG Tier II has not been established at the time of publication.

GENERAL CAPITAL PAYG

REGIONAL PARTNERSHIPS

Arlington annually contributes capital funding to several regional organizations which provide beneficial services to Arlington residents and visitors.

NORTHERN VIRGINIA REGIONAL PARK AUTHORITY

The Northern Virginia Regional Park Authority (NVRPA) is a multi-jurisdictional agency comprised of Arlington County, Fairfax County, Loudoun County, Alexandria, Falls Church, and the City of Fairfax. The Park Authority owns and operates over 10,000 acres of parklands with 19 major parks, including Potomac Overlook, Upton Hill and the W&OD Regional Parks in Arlington. This proposed capital funding for FY 2007 represents Arlington's annual contribution to NVRPA's capital program and is based on the percentage of population of the six jurisdictions.

PEUMANSEND CREEK REGIONAL JAIL AUTHORITY

This proposed funding for FY 2007 represents the County's proportional share of the FY 1992 decision to design, construct, and operate a low to medium security regional jail in Caroline County on land (Fort A. P. Hill) transferred by the Department of Defense. Arlington is one of six jurisdictions that provide funds based on the allocated beds. This is part of an overall strategy for housing local prisoners in a cost-effective manner. Legislation in the 1996 General Assembly provides for a state reimbursement of 50 percent of allowable construction costs. Arlington's annual share of the capital cost is based on current bed allocation and is projected at 24.0 percent for the 60 beds allocated to Arlington. The County has provided a moral obligation, "joint and several" pledge on this financing and will have capital commitments from this bond financing through the year 2017 as well as ongoing operating commitments as a member of this Authority.

NORTHERN VIRGINIA COMMUNITY COLLEGE

This proposed funding represents the County's ongoing capital contribution to the Northern Virginia Community College (NVCC) program for land acquisition and site development of all campuses. Arlington is one of nine jurisdictions that share costs associated with NVCC's capital program based on the Fair Share Allocation. The allocation is \$1.00 for each person living in each particular jurisdiction.

NORTHERN VIRGINIA CRIMINAL JUSTICE ACADEMY

In FY 1993, the participants in the Northern Virginia Criminal Justice Academy (NVCJA) agreed to purchase a building in Loudoun County to house the NVCJA's programs. Previously, the NVCJA occupied leased space in Claremont School in Arlington that was reclaimed by Arlington Public Schools. This proposed capital funding for FY 2007 represents Arlington County's share of the lease rental payments for the facility. The debt service costs for the building will gradually decrease and end in FY 2008; however, the Academy plans to build a new Driver

Training facility. This new construction project will be implemented in phases so that each participating agency's contribution is affected as little as possible.

NORTHERN VIRGINIA REGIONAL IDENTIFICATION SYSTEM

This proposed funding represents the County's FY 2007 share of improvements made to the Northern Virginia Regional Identification System (NOVARIS). NOVARIS is a regional automated fingerprint identification system utilized by metropolitan area law enforcement agencies for the purpose of combining resources to identify criminal offenders. An upgrade to the system was financed as a multi-year, lease-purchase agreement and provides Northern Virginia's law enforcement agencies with a more efficient, accurate, and cost-effective means of identification. Arlington is one of eight participating jurisdictions that share costs associated with NOVARIS based on the sworn police population of each agency.

NEIGHBORHOOD CONSERVATION

The Neighborhood Conservation (NC) Program funds public improvements in neighborhoods throughout the County for which the County Board has accepted Neighborhood Conservation Plans developed by civic associations. Projects include installation of curb, gutter, sidewalk, street lights, neighborhood identification signs, fencing, retaining walls, street trees, and other landscaping; correction of drainage problems; park and County facilities improvements; and reconfiguration of streets (including nubs, traffic circles, etc.) to address traffic management problems. Typically the County funds the NC program through bonds considered by voters every two years and PAYG.

FACILITIES PLANNING

This assessment for DHS and PRCR facilities will begin the integration of current needs with projected needs, financing methods, geographic service needs, sustainability, and other planning efforts into one coherent plan that will address these aspects of facility needs. Accomplishing this initiative will require extensive community process and ongoing communication. The proposed funding would be used for consultant and staff services. An updated plan should enhance decision-making about facilities and services, and aid in prioritizing investments of operating and capital funds.

NEIGHBORHOOD TRAFFIC CALMING

The Neighborhood Traffic Calming (NTC) Program implements capital projects intended to reduce travel speeds, reduce cut through traffic, and improve pedestrian and bicyclists safety within and around Arlington neighborhoods. Project selection is determined by a formal process conducted jointly with the NTC citizen committee and County staff to direct resources to streets where travel speeds and traffic volumes meet adopted criteria.

PARK ENHANCEMENT GRANTS

This funding enables Arlington residents to continue the initiation of small capital improvement and beautification projects for parks, playgrounds, and recreation facilities in their respective neighborhoods. The Park Enhancement Grant Program encourages community involvement and fosters pride by enabling creative improvements in local public parks. Community proposed projects are submitted annually to the Arlington County Park and Recreation Commission for review and endorsement. The Park and Recreation Commission recommend a list of projects to the County Board for final approval and funding.

5. Energy Efficiency

CAPITAL COST SCHEDULE (\$ IN 000s)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
A & E							-
Land Acquisition							-
Construction							-
Relocation and Temp Facilities							-
Equipment and Furnishings		400	400	400	400	400	2,000
Total Project Cost	-	400	400	400	400	400	2,000

Notes on Cost Estimates

Future funding levels will require review based on needs.

FUNDING SCHEDULE (\$ IN 000s)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	6 Year Total
Commonwealth Revenue							-
Developer Contributions							-
Other Funding							-
Total Outside Revenue	-	-	-	-	-	-	-
PAYG							-
Commonwealth Loan Funds							-
Master Lease							-
PAYG		400	400	400	400	400	2,000
Bond Issue							-
Total County Contribution	-	400	400	400	400	400	2,000

Notes on Funding Schedule

PAYG funding is recommended for all Maintenance Capital programs.

PROJECTED ADDITIONAL OPERATING COSTS (\$ IN 000s)

	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12
Anticipated FTEs						
New Operations Cost						
New Facilities Cost						
Master Lease Financing Cost						
Maintenance Capital Impact						
Gross Operating Cost	-	-	-	-	-	-
<i>Less Fees</i>	-	-	-	-	-	-
Net Operating Cost	-	-	-	-	-	-

Notes on Operating Costs

A reduction in operating costs is anticipated however it is subject to future utility rates.

