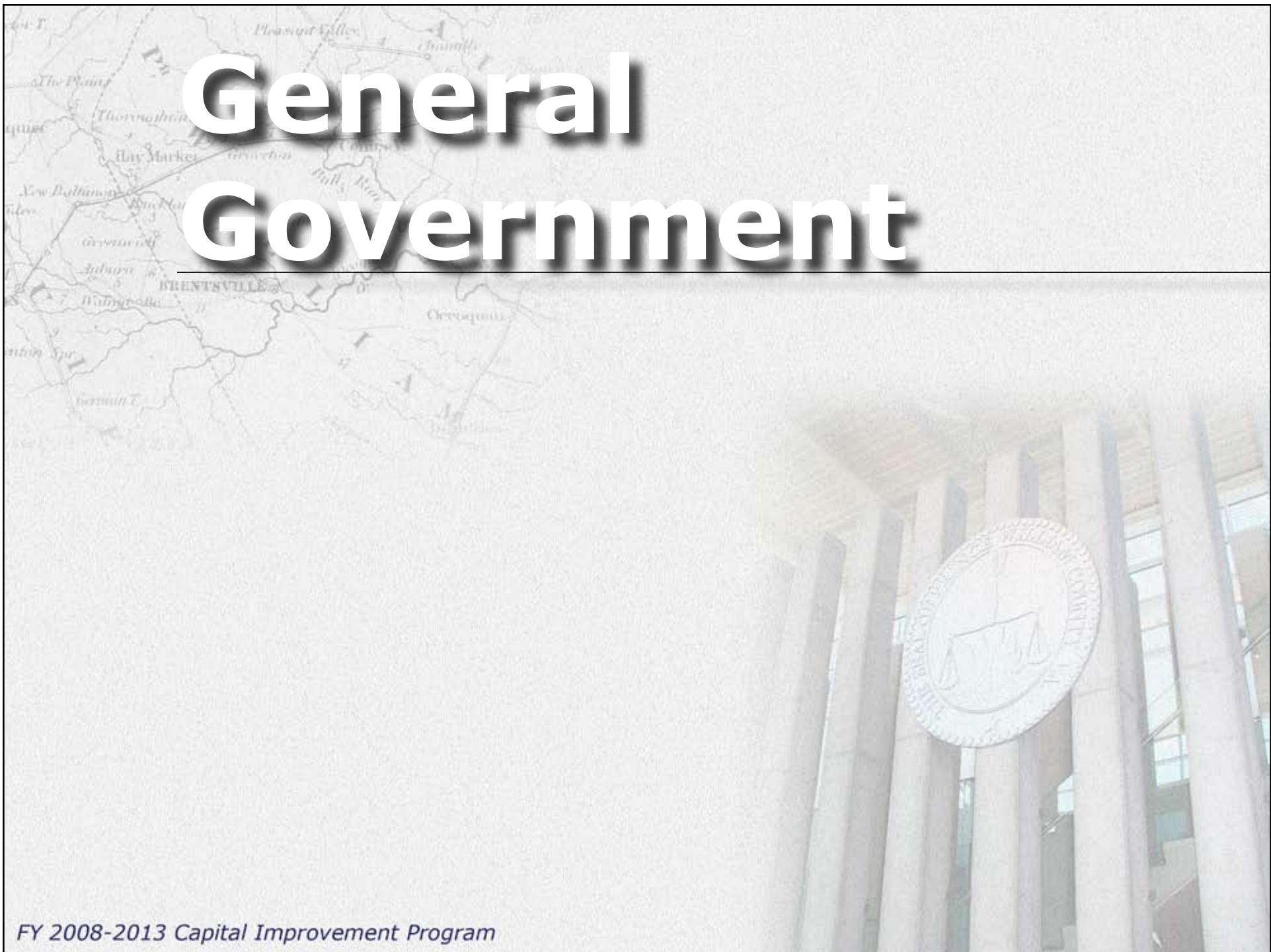


# General Government



*FY 2008-2013 Capital Improvement Program*

# Gainesville Area Library

## Lead Agency For This Project

Prince William Public Library System

## Project Description

The Gainesville Area Library is Phase II of a two-part library project authorized by the 2006 bond referendum with 72% of the vote. The other library is the Montclair Library. Completion of the Gainesville Area Library will follow the completion of the Montclair Library. It will be a full-service library with regular services such as circulation, information services, readers' advisory services, children's programs and services, reference, on-line catalogs, internet access and electronic database services.

The Gainesville Library will be located near the intersection of Route 15 and Lightner Road.

Bushy Park House, built in the last half of the 18<sup>th</sup> century, was originally located on the frontier of the Northern Neck Land Grant, known as the Bull Run



Tract. This was part of a land grant that Robert "King" Carter received from Lord Thomas Fairfax. Carter later divided his 41,660 acres of the Bull Run Tract among his sons and grandsons. The 6,000 acres on which the house was built was owned by Mann Paige II and was passed down through two generations before it was sold in smaller plots. The house was renamed Bushy Park after 1822. Threatened by new development, the house was moved from Catharpin Road. Bushy Park will become a reading room and interpretive history center at the Gainesville Library site.

## Service Impact

- **Service Area** - This library will serve an area that has from 25,000 to 60,000 residents within an average 10 to 15 minute drive time.
- **Projected Usage** - This library will provide the following levels of service to the community:
  - **Checkouts per month:** 25,000-75,000
  - **Information requests per month:** 5,000-10,000
  - **Visits per month:** 15,000-25,000

## Comprehensive Plan Impact

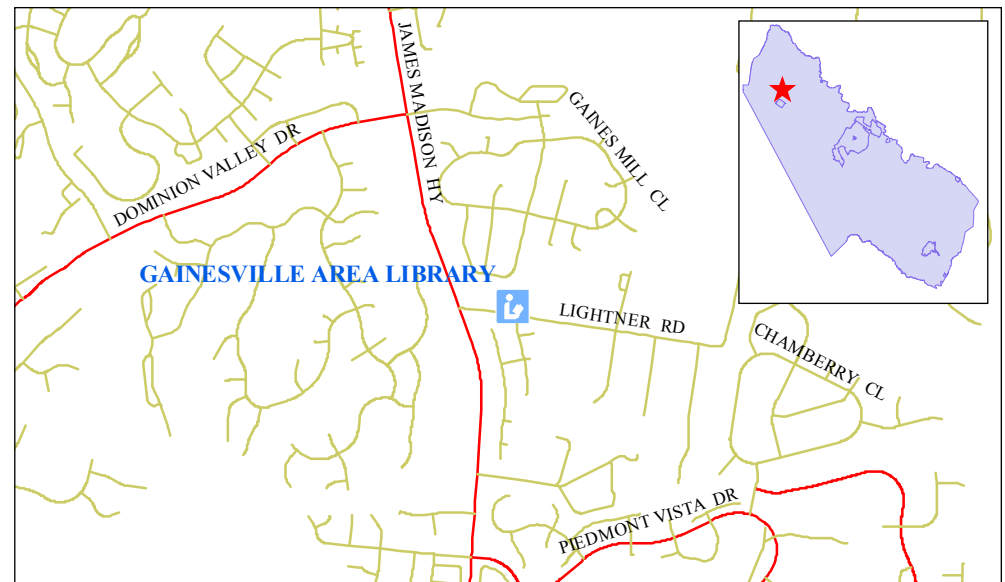
- **Library Facilities** - Fulfills the Comprehensive Plan goal to achieve and ensure adequate provision of library facilities and information resources to all citizens of Prince William County.

## Funding Sources

- **Debt Financing**
- **Developer Contributions (Proffers)** - Developer contributions provide \$981,918 and land acquisition towards funding this project.

## Critical Milestones

- **Preplanning** study completed in FY 06.
- **Design** will begin in FY 08.
- **Construction** will begin upon availability of funds.



FUNDING SOURCES	Total Project Estimate	Prior Years' Actual	Current Year	CIP							Future Years	
				FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13		
Proffers/General Fund	2,293,375	293,375	-	-	-	-	-	-	-	-	-	2,000,000
Delinquent Taxes	-	-	-	-	-	-	-	-	-	-	-	-
Fire Levy	-	-	-	-	-	-	-	-	-	-	-	-
Solid Waste Fees	-	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management Fees	-	-	-	-	-	-	-	-	-	-	-	-
Debt	21,602,022	-	-	-	-	-	-	-	147,000	147,000	-	21,455,022
Fuel Tax	-	-	-	-	-	-	-	-	-	-	-	-
State/Federal	-	-	-	-	-	-	-	-	-	-	-	-
Proffers Identified	1,029,896	-	-	1,029,896	-	-	-	-	-	-	1,029,896	-
Proffers Projected	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$24,925,293</b>	<b>\$293,375</b>	<b>\$0</b>	<b>\$1,029,896</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$147,000</b>	<b>\$1,176,896</b>	<b>\$23,455,022</b>	

COST CATEGORIES											
	Total Project Estimate	Prior Years' Actual	Current Year	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13	Future Years
Planning	283,375	177,478	105,897	-	-	-	-	-	-	-	-
Property Acquisition	-	-	-	-	-	-	-	-	-	-	-
Design	940,750	-	-	300,000	392,700	181,500	66,550	-	-	940,750	-
Construction/Utility Relocation	13,845,165	-	-	-	-	-	-	-	-	-	13,845,165
Project Management	330,557	-	-	-	-	-	-	-	16,105	16,105	314,452
Construction Management	531,468	-	-	-	-	-	-	-	-	-	531,468
Occupancy	6,852,832	-	-	-	-	-	-	-	-	-	6,852,832
Telecommunications	-	-	-	-	-	-	-	-	-	-	-
Debt Issuance Costs	-	-	-	-	-	-	-	-	-	-	-
Project Contingency	2,141,146	-	-	-	-	-	-	-	1,611	1,611	2,139,535
<b>TOTAL</b>	<b>\$24,925,293</b>	<b>\$177,478</b>	<b>\$105,897</b>	<b>\$300,000</b>	<b>\$392,700</b>	<b>\$181,500</b>	<b>\$66,550</b>	<b>\$0</b>	<b>\$17,716</b>	<b>\$958,466</b>	<b>\$23,683,452</b>
<b>BALANCE</b>	<b>\$0</b>	<b>\$115,897</b>	<b>(\$105,897)</b>	<b>\$729,896</b>	<b>(\$392,700)</b>	<b>(\$181,500)</b>	<b>(\$66,550)</b>	<b>\$0</b>	<b>\$129,284</b>	<b>\$218,430</b>	<b>(\$228,430)</b>

APPROPRIATIONS	Appropriated Project Budget	Appropriations							Future Years	
		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13		
Revenues	293,375									
Expenditures	293,375									
Unappropriated Revenues	(24,631,918)	1,029,896	-	-	-	-	-	147,000	1,176,896	23,455,022
Unappropriated Expenditures	(24,631,918)	1,029,896	-	-	-	-	-	147,000	1,176,896	23,455,022

OPERATING IMPACTS	Current Year	CIP						
		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13
Facility Operating Cost	-	-	-	-	-	-	-	-
Program Operating Cost	-	-	-	-	-	-	-	-
<b>Total Operating Cost</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Debt Service	-	-	-	-	-	-	-	-
<b>Total Operating and Debt Service</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Operating Revenue	-	-	-	-	-	-	-	-
<b>GENERAL FUND REQUIREMENT</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>





# Montclair Area Library

## Lead Agency For This Project

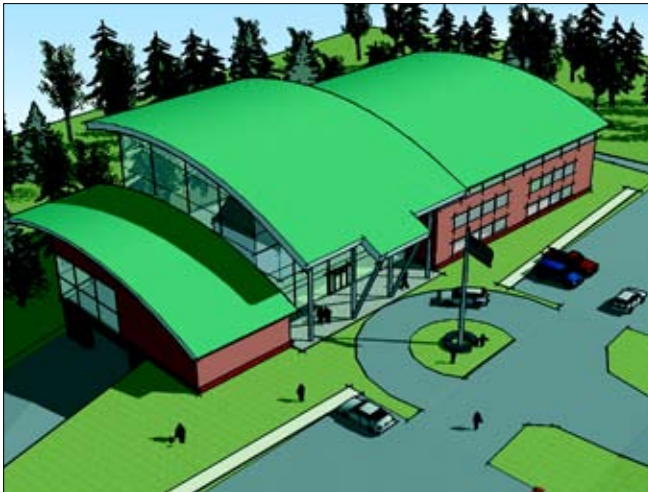
Prince William Public Library System

## Project Description

The Montclair Area Library is Phase I of a two-part library project authorized by the 2006 bond referendum with 72% of the vote. The other library is the Gainesville Area Library. The Montclair Area Library was in the CIP in the early 1990s but was removed during an economic downturn. It will be a full-service library with regular services such as circulation, information services, readers' advisory services, children's programs and services, reference, on-line catalogs, internet access and electronic database services.

The Montclair Area Library will be located near the intersection of Route 234 (Dumfries Road) and Waterway Drive.

The Barnes House, one of the County's only remnants of a post-Civil War African-American Settlement, was



relocated from Independence Hill to county property to avoid the ongoing development along Route 234. The house was once owned by Eppa Lee and Amanda Catherine Lambert Barnes who raised their 12 children there. Eppa Lee was a woodsman and farmer. The Barnes House will become a reading room and history interpretive center at the Montclair Library site.

## Service Impact

- **Service Area** - This library will serve an area that has from 25,000 to 60,000 residents within an average 10 to 15 minute drive time.
- **Projected Usage** - This library will provide the following levels of service to the community:
  - **Checkouts per month:** 25,000-75,000
  - **Information requests per month:** 5,000-10,000
  - **Visits per month:** 15,000-25,000

## Comprehensive Plan Impact

- **Library Facilities** - Fulfills the Comprehensive Plan goal to achieve and ensure adequate provision of library facilities and information resources to all citizens of Prince William County.

## Funding Sources

- **Debt Financing**

- **Developer Contributions (Proffers)** - Developer contributions provide \$222,846 and land acquisition towards funding this project.

## Critical Milestones

- **Preplanning** study completed in FY 06.
- **Design** will begin in FY 08.
- **Construction** is scheduled for FY 11.
- **Occupancy** is scheduled for late FY 13.



FUNDING SOURCES	Total Project Estimate	Prior Years' Actual	Current Year	CIP							Future Years
				FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13	
Proffers/General Fund	2,102,583	102,583	-	-	-	-	1,000,000	1,000,000	-	2,000,000	-
Delinquent Taxes	-	-	-	-	-	-	-	-	-	-	-
Fire Levy	-	-	-	-	-	-	-	-	-	-	-
Solid Waste Fees	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management Fees	-	-	-	-	-	-	-	-	-	-	-
Debt	23,170,000	-	-	-	-	-	2,965,000	9,005,000	11,200,000	23,170,000	-
Fuel Tax	-	-	-	-	-	-	-	-	-	-	-
State/Federal	-	-	-	-	-	-	-	-	-	-	-
Proffers Identified	222,846	-	-	222,846	-	-	-	-	-	222,846	-
Proffers Projected	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$25,495,429</b>	<b>\$102,583</b>	<b>\$0</b>	<b>\$222,846</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,965,000</b>	<b>\$10,005,000</b>	<b>\$11,200,000</b>	<b>\$25,392,846</b>	<b>\$0</b>

COST CATEGORIES											
Planning	140,000	-	90,000	50,000	-	-	-	-	-	-	50,000
Property Acquisition	-	-	-	-	-	-	-	-	-	-	-
Design	1,167,185	-	-	102,846	-	-	764,199	219,615	80,526	1,167,185	-
Construction/Utility Relocation	14,252,460	-	-	-	-	-	2,662,000	5,856,400	5,734,060	14,252,460	-
Project Management	247,758	-	12,583	50,000	-	-	69,878	54,904	60,394	235,175	-
Construction Management	450,544	-	-	-	-	-	33,275	256,218	161,051	450,544	-
Occupancy	4,617,757	-	-	-	-	-	-	2,635,380	1,982,377	4,617,757	-
Telecommunications	2,259,665	-	-	-	-	-	-	-	2,259,665	2,259,665	-
Debt Issuance Costs	231,700	-	-	-	-	-	29,650	90,050	112,000	231,700	-
Project Contingency	2,128,360	-	-	20,000	-	-	310,170	836,318	961,872	2,128,360	-
<b>TOTAL</b>	<b>\$25,495,429</b>	<b>\$0</b>	<b>\$102,583</b>	<b>\$222,846</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,869,171</b>	<b>\$9,948,884</b>	<b>\$11,351,944</b>	<b>\$25,392,846</b>	<b>\$0</b>
<b>BALANCE</b>	<b>\$0</b>	<b>\$102,583</b>	<b>(\$102,583)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$95,829</b>	<b>\$56,116</b>	<b>(\$151,944)</b>	<b>\$0</b>	<b>\$0</b>

APPROPRIATIONS	Appropriated Project Budget	Appropriations							Future Years	
		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13		
Revenues	102,583									
Expenditures	102,583									
Unappropriated Revenues	(25,392,846)	222,846	-	-	3,965,000	10,005,000	11,200,000	25,392,846	-	-
Unappropriated Expenditures	(25,392,846)	222,846	-	-	3,965,000	10,005,000	11,200,000	25,392,846	-	-

OPERATING IMPACTS	Current Year	CIP						
		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13
Facility Operating Cost	-	-	-	-	-	177,011	351,462	528,473
Program Operating Cost	-	-	-	-	-	557,243	1,047,028	1,604,271
<b>Total Operating Cost</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$734,254</b>	<b>\$1,398,490</b>	<b>\$2,132,744</b>
Debt Service	-	-	-	-	-	326,040	1,307,808	1,633,848
<b>Total Operating and Debt Service</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,060,294</b>	<b>\$2,706,298</b>	<b>\$3,766,592</b>
Operating Revenue	-	-	-	-	-	-	-	-
<b>GENERAL FUND REQUIREMENT</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,060,294</b>	<b>\$2,706,298</b>	<b>\$3,766,592</b>



# Landfill Caps

## Lead Agency For This Project

Public Works

## Project Description

The Landfill caps project will complete the closure construction of filled cells located at the Prince William County Sanitary Landfill at Independent Hill. Funding is for the design and construction of a phased capping plan for the lined landfill cells.

## Service Impact

- **Environmental Impact** - The Landfill caps will reduce rainwater infiltration, thereby protecting public health, groundwater quality and the environment.
- **Virginia Solid Waste Regulations** mandate that cells must be capped once they are complete.

## Comprehensive Plan Impact

- **Environment** - Fulfills the Comprehensive Plan goal to preserve, protect and enhance the significant environmental resources and features of the County and policies and action strategies that seek to protect the quality of surface and groundwater resources.

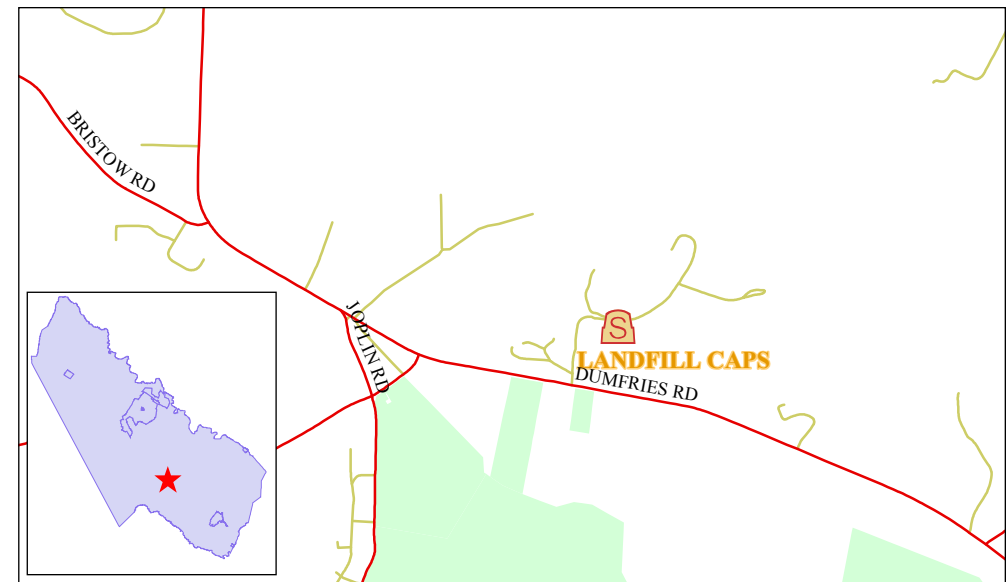
## Funding Source

- **Solid Waste Fees** fund this project.

## Critical Milestones

- **FY 07** - Intermediate capping, installation of gas wells, and drainage work will be completed for Phase I, Part 2. Intermediate capping and drainage work begins for Phase I, Part 3.

- **FY 08-09** - Intermediate capping and drainage work will be performed for Phase I, Part 4.
- **Final capping** of Phase I is scheduled to occur beginning in FY 10 at an estimated cost of \$12,000,000.
- **FY 12- 13** - Intermediate capping and drainage work for the Phase II landfill areas.



FUNDING SOURCES	Total Project Estimate	Prior Years' Actual	Current Year	CIP							Future Years	
				FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13		
Proffers/General Fund	-	-	-	-	-	-	-	-	-	-	-	-
Delinquent Taxes	-	-	-	-	-	-	-	-	-	-	-	-
Fire Levy	-	-	-	-	-	-	-	-	-	-	-	-
Solid Waste Fees	54,055,000	5,585,000	290,000	290,000	290,000	6,000,000	6,000,000	300,000	300,000	13,180,000	35,000,000	
Stormwater Management Fees	-	-	-	-	-	-	-	-	-	-	-	
Debt	-	-	-	-	-	-	-	-	-	-	-	
Fuel Tax	-	-	-	-	-	-	-	-	-	-	-	
State/Federal	-	-	-	-	-	-	-	-	-	-	-	
Proffers Identified	-	-	-	-	-	-	-	-	-	-	-	
Proffers Projected	-	-	-	-	-	-	-	-	-	-	-	
Other	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL</b>	<b>\$54,055,000</b>	<b>\$5,585,000</b>	<b>\$290,000</b>	<b>\$290,000</b>	<b>\$290,000</b>	<b>\$6,000,000</b>	<b>\$6,000,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$13,180,000</b>	<b>\$35,000,000</b>	
<b>COST CATEGORIES</b>												
Planning	-	-	-	-	-	-	-	-	-	-	-	
Property Acquisition	-	-	-	-	-	-	-	-	-	-	-	
Design	2,355,000	250,000	15,000	15,000	-	300,000	-	25,000	-	340,000	1,750,000	
Construction/Utility Relocation	49,155,000	5,120,000	250,000	250,000	290,000	5,400,000	5,800,000	245,000	300,000	12,285,000	31,500,000	
Project Management	2,545,000	215,000	25,000	25,000	-	300,000	200,000	30,000	-	555,000	1,750,000	
Construction Management	-	-	-	-	-	-	-	-	-	-	-	
Occupancy	-	-	-	-	-	-	-	-	-	-	-	
Telecommunications	-	-	-	-	-	-	-	-	-	-	-	
Debt Issuance Costs	-	-	-	-	-	-	-	-	-	-	-	
Project Contingency	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL</b>	<b>\$54,055,000</b>	<b>\$5,585,000</b>	<b>\$290,000</b>	<b>\$290,000</b>	<b>\$290,000</b>	<b>\$6,000,000</b>	<b>\$6,000,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$13,180,000</b>	<b>\$35,000,000</b>	
<b>BALANCE</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	

APPROPRIATIONS	Appropriated Project Budget	Appropriations							Future Years
		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13	
Revenues	5,875,000								
Expenditures	5,875,000								
Unappropriated Revenues	(48,180,000)	290,000	290,000	6,000,000	6,000,000	300,000	300,000	13,180,000	35,000,000
Unappropriated Expenditures	(48,180,000)	290,000	290,000	6,000,000	6,000,000	300,000	300,000	13,180,000	35,000,000

OPERATING IMPACTS	Current Year	CIP						
		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13
Facility Operating Cost	-	-	-	-	-	-	-	-
Program Operating Cost	-	-	-	-	-	-	-	-
<b>Total Operating Cost</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Debt Service	-	-	-	-	-	-	-	-
<b>Total Operating and Debt Service</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Operating Revenue	-	-	-	-	-	-	-	-
<b>GENERAL FUND REQUIREMENT</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>



# Landfill Gas Utilization Projects

## Lead Agency For This Project

Public Works

## Project Description

Prince William County, through its partnership with a private developer, United Gasco /Minnesota Methane (UG/MM), installed a landfill gas energy recovery and utilization facility in 1999, which generates 1.9 MW of electricity. We have performed feasibility studies and we will initiate design to utilize some of the excess gas for providing power and heating to on site buildings at the landfill. To utilize this gas, a gas pipeline needs to be constructed, along with installation of heater systems run on landfill gas. The total budget for this project is \$300,000.

## Service Delivery

- NEO Prince William is scheduled to expand the facility in FY07, provided an agreement to sell additional power can be reached with Old Dominion/NOVEC. The County has performed feasibility studies to utilize some of the excess gas for heating on site buildings.

## Service Impact

- Savings of approximately \$50,000 per year in propane costs will be realized once the landfill gas heaters are operational by the winter of FY2008. This will provide a cost payback for the project in approximately six years.

- The collection of landfill gas is mandated by the Clean Air Act and Environmental Protection Act (EPA) and Virginia Department of Environmental Quality (VDEQ) regulations.
- If the gas is not utilized, it will continue to be flared with no productive use or revenues.

## Funding Sources

- **Solid Waste Fees** and revenue share from the sale of landfill gas and electricity.

## Critical Milestones

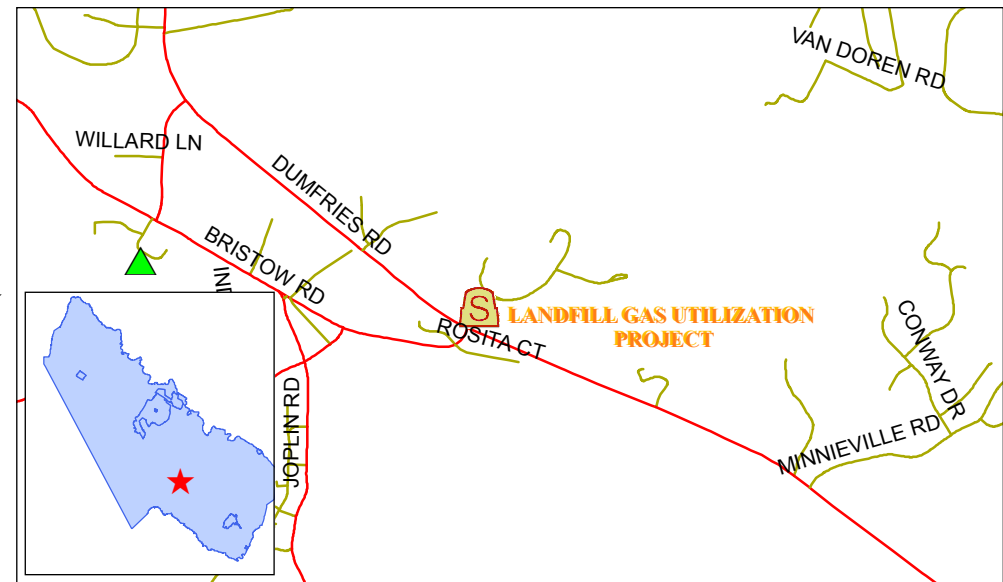
- **FY 07**
  - Design - (start - finish) - (budgeted \$70,000)
  - Construction - (start) - (budgeted \$50,000)
  - Project Management - (start) - (budgeted \$10,000)
- **FY 08**
  - Construction - (finish) - (budgeted \$140,000)
  - Project Management - (finish) (budgeted \$30,000)

Additional revenue can be realized if this gas is utilized for heating or other beneficial use.

- Once the infrastructure for utilizing this gas is installed, other uses, such as fuel for County vehicles and equipment, and generation of on site electricity using micro turbines, will be explored.

## Additional Comments

- Landfill gas generated at the landfill must be collected and treated in accordance with EPA and VDEQ regulations. To preserve natural resources and better utilize the heat and fuel capacity of this gas, finding ways to effectively utilize this gas is desired.





FUNDING SOURCES	Total Project Estimate	Prior Years' Actual	Current Year	CIP							Future Years	
				FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13		
Proffers/General Fund	-	-	-	-	-	-	-	-	-	-	-	-
Delinquent Taxes	-	-	-	-	-	-	-	-	-	-	-	-
Fire Levy	-	-	-	-	-	-	-	-	-	-	-	-
Solid Waste Fees	300,000	-	130,000	170,000	-	-	-	-	-	-	170,000	-
Stormwater Management Fees	-	-	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-	-	-
Fuel Tax	-	-	-	-	-	-	-	-	-	-	-	-
State/Federal	-	-	-	-	-	-	-	-	-	-	-	-
Proffers Identified	-	-	-	-	-	-	-	-	-	-	-	-
Proffers Projected	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$130,000</b>	<b>\$170,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$170,000</b>	<b>\$0</b>

COST CATEGORIES											
	Total Project Estimate	Prior Years' Actual	Current Year	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13	Future Years
Planning	-	-	-	-	-	-	-	-	-	-	-
Property Acquisition	-	-	-	-	-	-	-	-	-	-	-
Design	70,000	-	70,000	-	-	-	-	-	-	-	-
Construction/Utility Relocation	190,000	-	50,000	140,000	-	-	-	-	-	140,000	-
Project Management	40,000	-	10,000	30,000	-	-	-	-	-	30,000	-
Construction Management	-	-	-	-	-	-	-	-	-	-	-
Occupancy	-	-	-	-	-	-	-	-	-	-	-
Telecommunications	-	-	-	-	-	-	-	-	-	-	-
Debt Issuance Costs	-	-	-	-	-	-	-	-	-	-	-
Project Contingency	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$130,000</b>	<b>\$170,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$170,000</b>	<b>\$0</b>
<b>BALANCE</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

APPROPRIATIONS	Appropriated Project Budget	Appropriations							Future Years
		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13	
Revenues	130,000								
Expenditures	130,000								
Unappropriated Revenues	(170,000)	170,000	-	-	-	-	-	170,000	-
Unappropriated Expenditures	(170,000)	170,000	-	-	-	-	-	170,000	-

OPERATING IMPACTS	Current Year	CIP						
		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13
Facility Operating Cost	-	10,000	10,000	10,000	10,000	10,000	10,000	60,000
Program Operating Cost	-	-	-	-	-	-	-	-
<b>Total Operating Cost</b>	<b>\$0</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$60,000</b>
Debt Service	-	-	-	-	-	-	-	-
<b>Total Operating and Debt Service</b>	<b>\$0</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$60,000</b>
Operating Revenue	-	50,000	50,000	50,000	50,000	50,000	50,000	300,000
<b>GENERAL FUND REQUIREMENT</b>	<b>\$0</b>	<b>(\$40,000)</b>	<b>(\$40,000)</b>	<b>(\$40,000)</b>	<b>(\$40,000)</b>	<b>(\$40,000)</b>	<b>(\$40,000)</b>	<b>(\$240,000)</b>



# Landfill Liners

## Lead Agency For This Project

Public Works

## Project Description

Installation of Landfill liners is required to complete the Landfill liner systems at the Prince William County Sanitary Landfill at Independent Hill.

## Service Impact

- **Public and Environmental Health** - The Landfill liners will protect public health and the environment by reducing groundwater contamination.
- **Virginia Solid Waste Regulations** mandate that liners be installed in all new landfill cells.
- **The life of the Phase I cell** (Parts 1, 2, 3 and 4) is estimated to last until 2010 based on an average of 800 tons of waste per day.

## Comprehensive Plan Impact

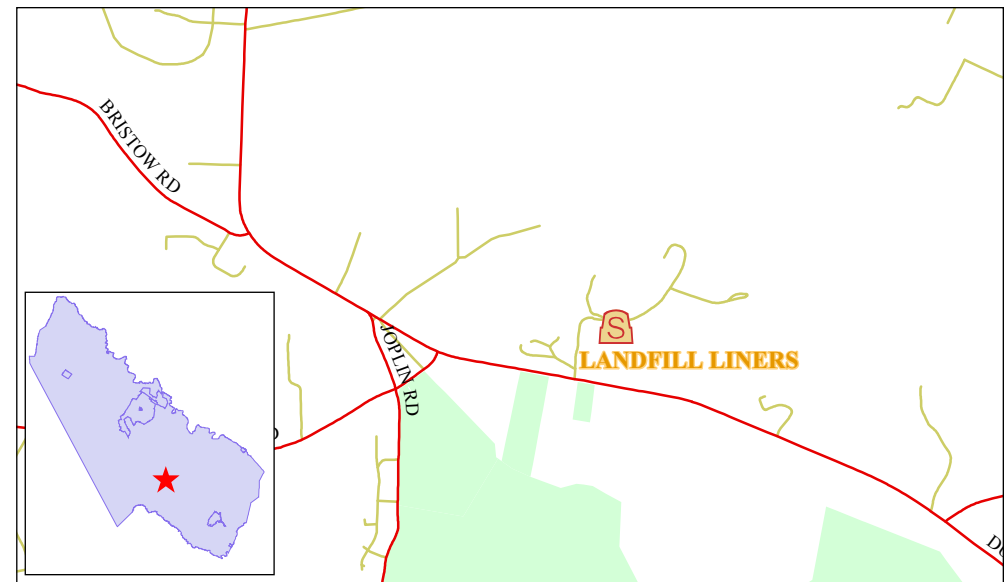
- **Environment** - Fulfills the Comprehensive Plan goal to preserve, protect and enhance the significant environmental resources and features of the County and policies and action strategies that seek to protect the quality of surface and groundwater resources.

## Funding Source

- **Solid Waste Fees** - Installation of the liners will be financed through the solid waste reserve set-aside accounts.

## Critical Milestones

- **FY 06** - Construction completed for Phase I, Part 4.
- **FY 09** - Design and construction drawings for Phase I Part 1.
- **FY 10** - Construction of Phase I, Part 1 cell.
- **FY 12** - Design and construction drawings for Phase I, Part 2.
- **FY 13** - Construction of Phase I, Part 2 cell.



FUNDING SOURCES	Total Project Estimate	Prior Years' Actual	Current Year	CIP							Future Years
				FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13	
Proffers/General Fund	-	-	-	-	-	-	-	-	-	-	-
Delinquent Taxes	-	-	-	-	-	-	-	-	-	-	-
Fire Levy	-	-	-	-	-	-	-	-	-	-	-
Solid Waste Fees	54,215,000	7,715,000	-	-	180,000	2,820,000	-	200,000	3,300,000	6,500,000	40,000,000
Stormwater Management Fees	-	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-	-
Fuel Tax	-	-	-	-	-	-	-	-	-	-	-
State/Federal	-	-	-	-	-	-	-	-	-	-	-
Proffers Identified	-	-	-	-	-	-	-	-	-	-	-
Proffers Projected	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$54,215,000</b>	<b>\$7,715,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$180,000</b>	<b>\$2,820,000</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$3,300,000</b>	<b>\$6,500,000</b>	<b>\$40,000,000</b>

COST CATEGORIES											
Planning	-	-	-	-	-	-	-	-	-	-	-
Property Acquisition	-	-	-	-	-	-	-	-	-	-	-
Design	2,655,000	275,000	-	-	180,000	-	-	200,000	-	380,000	2,000,000
Construction/Utility Relocation	48,460,000	6,840,000	-	-	-	2,520,000	-	-	3,100,000	5,620,000	36,000,000
Project Management	3,100,000	600,000	-	-	-	300,000	-	-	200,000	500,000	2,000,000
Construction Management	-	-	-	-	-	-	-	-	-	-	-
Occupancy	-	-	-	-	-	-	-	-	-	-	-
Telecommunications	-	-	-	-	-	-	-	-	-	-	-
Debt Issuance Costs	-	-	-	-	-	-	-	-	-	-	-
Project Contingency	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$54,215,000</b>	<b>\$7,715,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$180,000</b>	<b>\$2,820,000</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$3,300,000</b>	<b>\$6,500,000</b>	<b>\$40,000,000</b>

<b>BALANCE</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
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APPROPRIATIONS	Appropriated Project Budget	Appropriations							Future Years	
		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13		
Revenues	7,715,000									
Expenditures	7,715,000									
Unappropriated Revenues	(46,500,000)	-	180,000	2,820,000	-	200,000	3,300,000	6,500,000	40,000,000	
Unappropriated Expenditures	(46,500,000)	-	180,000	2,820,000	-	200,000	3,300,000	6,500,000	40,000,000	

OPERATING IMPACTS	Current Year	CIP						
		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13
Facility Operating Cost	-	-	-	-	-	-	-	-
Program Operating Cost	-	-	-	-	-	-	-	-
<b>Total Operating Cost</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Debt Service	-	-	-	-	-	-	-	-
<b>Total Operating and Debt Service</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Operating Revenue	-	-	-	-	-	-	-	-
<b>GENERAL FUND REQUIREMENT</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>



# Cable Equipment

## Lead Agency For This Project

Office of Executive Management

## Project Description

This project is made possible by a cable franchise agreements between the County and the local cable television providers: Comcast Cablevision of Virginia, Inc., Comcast of Georgia/Virginia, Inc., and Verizon South. Cable equipment funding is one percent of the gross revenues generated in Prince William County by the cable operators. Use of this revenue stream is restricted to cable-related capital needs which may include new and replacement cameras, projection equipment, and facilities necessary for the carriage of educational and government cable programming.

## Strategic Plan Impact

- **Community Development** - This project supports the Community Development Strategy to “Develop partnerships with neighborhood and community organizations and businesses to increase public awareness and educational efforts regarding community maintenance, property code violations, and litter control.”
- **Education** - This project supports the Education Strategy to “provide a quality educational environment and opportunities, in partnership with the School Board, the education community, and businesses to provide our citizens with job readiness skills and/or the academic qualifications for post-secondary education in the pursuit of life-long learning.

## Service Impact

- **The Government Access Channel** - Provides general government programs to cable subscribers. Information is broadcast in the form of bulletin board messages, original programs, public service announcements, Board of County Supervisor meetings (both live and rebroadcast), and other programming obtained from outside sources.
- **Prince William County Schools Education Access Channel** - Provides Prince William County Schools with the opportunity to broadcast educational and informational programming related to the County School Division.
- **The College and University Access Channel** - Provides George Mason University and Northern Virginia Community College the ability to broadcast classes to cable television subscribers. This allows students to take classes at home.

## Funding Source

- **Cable Franchise Capital Grant** The County’s cable franchise agreements, negotiated in 2003 with Comcast, 2004 with Gatehouse (purchased by Comcast of Georgia/Virginia, Inc. in 2006) and 2006 with Verizon provides capital funding to this project in the amount of \$454,480 annually through 2018.

## Critical Milestones

- **FY 04** - Outfitting of the McCoart Building Board Chambers with broadcast cameras and equipment as completed. Completed the purchase of equipment for filming, editing, and bulletin board broadcast.
- **FY 06** - Remodeling of existing studio space located in the basement of Chinn Library. Purchase of equipment for studio production. Purchase of

large flat screen television panels for broadcasting government access programming to the McCoart Atrium.

- **FY 07** - Provide grant money to Prince William County School Division, Northern Virginia Community College and George Mason University for specific capital purchases. Upgrade County government editing equipment and complete the studio renovations.
- **FY 08** - Provide grant money to Prince William County School Division, Northern Virginia Community College and George Mason University for specific capital purchases. Continue to upgrade the County government editing equipment and editing software.



FUNDING SOURCES	Total Project Estimate	Prior Years' Actual	Current Year	CIP							Future Years	
				FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13		
Proffers/General Fund	-	-	-	-	-	-	-	-	-	-	-	-
Delinquent Taxes	-	-	-	-	-	-	-	-	-	-	-	-
Fire Levy	-	-	-	-	-	-	-	-	-	-	-	-
Solid Waste Fees	-	-	-	-	-	-	-	-	-	-	-	-
Stormwater Management Fees	-	-	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-	-	-
Fuel Tax	-	-	-	-	-	-	-	-	-	-	-	-
State/Federal	-	-	-	-	-	-	-	-	-	-	-	-
Proffers Identified	-	-	-	-	-	-	-	-	-	-	-	-
Proffers Projected	-	-	-	-	-	-	-	-	-	-	-	-
Other	4,165,960	-	454,480	631,480	616,000	616,000	616,000	616,000	616,000	616,000	3,711,480	-
<b>TOTAL</b>	<b>\$4,165,960</b>	<b>\$0</b>	<b>\$454,480</b>	<b>\$631,480</b>	<b>\$616,000</b>	<b>\$616,000</b>	<b>\$616,000</b>	<b>\$616,000</b>	<b>\$616,000</b>	<b>\$616,000</b>	<b>\$3,711,480</b>	<b>\$0</b>

COST CATEGORIES												
	Total Project Estimate	Prior Years' Actual	Current Year	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13	Future Years	
Planning	-	-	-	-	-	-	-	-	-	-	-	-
Property Acquisition	-	-	-	-	-	-	-	-	-	-	-	-
Design	-	-	-	-	-	-	-	-	-	-	-	-
Cable Equipment	4,165,960	-	454,480	631,480	616,000	616,000	616,000	616,000	616,000	616,000	3,711,480	-
Project Management	-	-	-	-	-	-	-	-	-	-	-	-
Construction Management	-	-	-	-	-	-	-	-	-	-	-	-
Occupancy	-	-	-	-	-	-	-	-	-	-	-	-
Telecommunications	-	-	-	-	-	-	-	-	-	-	-	-
Debt Issuance Costs	-	-	-	-	-	-	-	-	-	-	-	-
Project Contingency	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$4,165,960</b>	<b>\$0</b>	<b>\$454,480</b>	<b>\$631,480</b>	<b>\$616,000</b>	<b>\$616,000</b>	<b>\$616,000</b>	<b>\$616,000</b>	<b>\$616,000</b>	<b>\$616,000</b>	<b>\$3,711,480</b>	<b>\$0</b>
<b>BALANCE</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

APPROPRIATIONS	Appropriated Project Budget	Appropriations							Future Years			
		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13				
Revenues	454,480											
Expenditures	454,480											
Unappropriated Revenues	(3,711,480)	631,480	616,000	616,000	616,000	616,000	616,000	616,000	616,000	3,711,480	-	
Unappropriated Expenditures	(3,711,480)	631,480	616,000	616,000	616,000	616,000	616,000	616,000	616,000	616,000	3,711,480	-

OPERATING IMPACTS	Current Year	CIP								
		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13		
Facility Operating Cost	-	-	-	-	-	-	-	-	-	-
Program Operating Cost	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Cost</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Debt Service	-	-	-	-	-	-	-	-	-	-
<b>Total Operating and Debt Service</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Operating Revenue	-	-	-	-	-	-	-	-	-	-
<b>GENERAL FUND REQUIREMENT</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>



# Technology Improvement Plan

## Lead Agency for This Project

Office of Information Technology

## Project Description

The Technology Improvement Plan (TIP) provides for on-going capital replacement, upgrades, and improvement of the County's voice and data Wide Area Network (WAN), site specific Local Area Networks (LAN), Enterprise Security systems and Enterprise Application systems. The replacements and upgrades inclusive of the TIP span the entire spectrum of networking and telecommunications hardware, servers, and application software.

## Strategic Plan Impact

- **Information Technology Strategic Plan** - This project supports Prince William County's Information Technology Strategic Plan to "provide a dynamic IT infrastructure that can meet the County's current and future business plans." This is accomplished by maintaining and upgrading the network and appropriate enterprise applications systems to support the current and future requirements of a growing County infrastructure.

## Service Impact

- **Voice Infrastructure** - Upgrades and replacements provide citizens and employees with the ability to conduct business in a convenient and efficient manner outside County business hours.
- **Data and Video Infrastructure** - Upgrades and replacements enabling County staff to optimize their

support for services to citizens. This enables citizens to take advantage of new and established electronic business services. They also provide the capacity for the County to meet citizen expectations to communicate and conduct business electronically.

- **Citizen Access** - Access to electronic services will be maintained 98% of the time.
- **Network Responsiveness** - Responsiveness surveyed as very good or excellent will be maintained 90% of the time.
- **Data and Voice Network** - Availability while implementing enhancements will be maintained 99% of the time.

## Funding Source

- **General Fund**
- **E-911 Fees**
- **Cable Franchise Capital Grant** - The County's Cable Franchise Agreement, negotiated in calendar year 2003, provides capital funding of \$158,000 annually to this project.

## Critical Milestones

### Technology Upgrades

- Disaster Recovery for Public Safety systems at Western District Police Station to begin in FY 07.
- CAD/E911 System is planned for replacement beginning in FY 09.
- MDC Remote Update server is planned for replacement beginning in FY 09.
- Network Security Systems replacement is planned to begin in FY 08.
- Voice Mail System upgrade is planned to begin in FY 10.

- Data Network Communications Equipment replacement is planned to begin in FY 10.
- Data Network Monitoring System replacement is planned to begin in FY 07.
- INET upgrade is planned to begin in FY 12.

### Business Systems

- Real Estate Assessments System is planned for replacement beginning in FY 07
- HRIS/Payroll/Employee Portal systems are planned for replacement beginning in FY 07
- HRIS/Payroll/Employee Portal server is planned for replacement beginning in FY 11

FUNDING SOURCES	Total Project Estimate	Prior Years' Actual	Current Year	CIP							Future Years
				FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13	
General Fund	11,265,401	5,104,042	938,833	870,421	870,421	870,421	870,421	870,421	870,421	5,222,526	-
Cable Franchise Grant	1,602,520	319,520	319,520	173,480	158,000	158,000	158,000	158,000	158,000	963,480	-
E-911 Fees	11,537,826	-	-	-	7,026,182	1,127,911	1,127,911	1,127,911	1,127,911	11,537,826	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$24,405,747</b>	<b>\$5,423,562</b>	<b>\$1,258,353</b>	<b>\$1,043,901</b>	<b>\$8,054,603</b>	<b>\$2,156,332</b>	<b>\$2,156,332</b>	<b>\$2,156,332</b>	<b>\$2,156,332</b>	<b>\$17,723,832</b>	<b>\$0</b>

COST CATEGORIES											
Technology Upgrades	14,344,608	625,978	652,507	1,750,227	3,282,136	2,282,136	1,734,744	2,282,136	1,734,744	13,066,123	-
800 Mhz Upgrades	4,862,379	139,380	733,353	664,941	664,941	664,941	664,941	664,941	664,941	3,989,646	-
Telecom Upgrades	5,198,760	2,400,000	525,000	378,960	378,960	378,960	378,960	378,960	378,960	2,273,760	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>\$24,405,747</b>	<b>\$3,165,358</b>	<b>\$1,910,860</b>	<b>\$2,794,128</b>	<b>\$4,326,037</b>	<b>\$3,326,037</b>	<b>\$2,778,645</b>	<b>\$3,326,037</b>	<b>\$2,778,645</b>	<b>\$19,329,529</b>	<b>\$0</b>
<b>BALANCE</b>	<b>\$0</b>	<b>\$2,258,204</b>	<b>(\$652,507)</b>	<b>(\$1,750,227)</b>	<b>\$3,728,566</b>	<b>(\$1,169,705)</b>	<b>(\$622,313)</b>	<b>(\$1,169,705)</b>	<b>(\$622,313)</b>	<b>(\$1,605,697)</b>	<b>\$0</b>

APPROPRIATIONS	Appropriated Project Budget	Appropriations							Future Years	
		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13		
Revenues	6,681,915									
Expenditures	6,681,915									
Unappropriated Revenues	(17,723,832)	1,043,901	8,054,603	2,156,332	2,156,332	2,156,332	2,156,332	2,156,332	17,723,832	-
Unappropriated Expenditures	(17,723,832)	1,043,901	8,054,603	2,156,332	2,156,332	2,156,332	2,156,332	2,156,332	17,723,832	-

OPERATING IMPACTS	Current Year	CIP						
		FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 08 - 13
Facility Operating Cost	-	-	-	-	-	-	-	-
Program Operating Cost	-	-	-	-	-	-	-	-
<b>Total Operating Cost</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Debt Service	-	-	-	-	-	-	-	-
<b>Total Operating and Debt Service</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Operating Revenue	-	-	-	-	-	-	-	-
<b>GENERAL FUND REQUIREMENT</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>



