

**Fiscal 2017 Capital Budget**

**GENERAL COUNTY PROJECTS**

**Project: FY2002 COMMUNITY RENEWAL / ENHANCEMENTS**

**Number: C0287**

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project
PLANS & ENGINEERING	89	100	189	0	0	0	0	0	0	0	0	0	0	189
CONSTRUCTION	790	400	1,190	0	0	0	0	0	0	0	0	0	0	1,190
ADMINISTRATION	10	0	10	0	0	0	0	0	0	0	0	0	0	10
<b>Total Expenditures</b>	<b>889</b>	<b>500</b>	<b>1,389</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>1,389</b>
BONDS	595	300	895	0	0	0	0	0	0	0	0	0	0	895
GRANTS	0	100	100	0	0	0	0	0	0	0	0	0	0	100
OTHER SOURCES	44	0	44	0	0	0	0	0	0	0	0	0	0	44
PAY AS YOU GO	250	100	350	0	0	0	0	0	0	0	0	0	0	350
<b>Total Funding</b>	<b>889</b>	<b>500</b>	<b>1,389</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>1,389</b>

**Project Status :**

**\$571,362 spent and encumbered through February 2016**

1. FY04 - Retaining Wall in Village of Wilde Lake Complete.
2. FY05 - Completed Bryant Square Landscape Revitalization Plan, Landscape Maintenance Manual, and Drainage and Sidewalk Improvements.
3. FY08-FY10 - Village of Oakland Mills revitalization, Robert Oliver Place Enhancement. Completed in FY11.
4. FY14/15 - Completed study and 30% design of Frederick Road/Route 144 mile marker enhancement along Route 40.
5. FY17 - Funding requested to support Oakland Mills Streetscape improvements. The project will be implemented in conjunction with the recommendations of the FY17 Oakland Mills Village Center Feasibility Study.



**Fiscal 2017 Capital Budget**

**GENERAL COUNTY PROJECTS**

**Project: FY2007 LAND ACQUISITION CONTINGENCY RESERVE**

**Number: C0309**

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project
LAND ACQUISITION	36,000	(10,750)	25,250	0	0	0	0	0	0	0	0	0	0	25,250
<b>Total Expenditures</b>	<b>36,000</b>	<b>(10,750)</b>	<b>25,250</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>25,250</b>
BONDS	26,700	(8,250)	18,450	0	0	0	0	0	0	0	0	0	0	18,450
OTHER SOURCES	4,000	(2,500)	1,500	0	0	0	0	0	0	0	0	0	0	1,500
PAY AS YOU GO	5,300	0	5,300	0	0	0	0	0	0	0	0	0	0	5,300
<b>Total Funding</b>	<b>36,000</b>	<b>(10,750)</b>	<b>25,250</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>25,250</b>

**Project Status :**

**\$23,231,613 spent and encumbered through February 2016**

FY09 - Purchased Ellicott City Post Office

FY10 - Purchased property to be used for Route One Fire Station (F5975)

FY12 - Purchased the Refuse Collection Facility

FY14 - Purchased Court Place, Fels Lane, Little Patuxent Parkway, TSC/Route 32.

FY15 - Purchased 10750 Little Patuxent Parkway\*, 8518 Frederick Road\*, Long Reach Village Center, 9770 & 9790 Washington Boulevard\*.

\* See remarks under project status.



**Fiscal 2017 Capital Budget**

**GENERAL COUNTY PROJECTS**

**Project: FY2007 PUBLIC SAFETY RADIO SYSTEM ENHANCEMENTS**

**Number: C0311**

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project
CONSTRUCTION	8,600	10,400	19,000	14,000	250	250	250	250	15,000	0	0	0	0	34,000
<b>Total Expenditures</b>	<b>8,600</b>	<b>10,400</b>	<b>19,000</b>	<b>14,000</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>15,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34,000</b>
BONDS	8,100	0	8,100	0	0	0	0	0	0	0	0	0	0	8,100
OTHER SOURCES	500	0	500	0	0	0	0	0	0	0	0	0	0	500
MASTER LEASE	0	10,400	10,400	14,000	250	250	250	250	15,000	0	0	0	0	25,400
<b>Total Funding</b>	<b>8,600</b>	<b>10,400</b>	<b>19,000</b>	<b>14,000</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>15,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34,000</b>

**Project Status :**

**\$8,588,567 spent and encumbered through February 2016**

FY08 - Ongoing delivery of Site Ten materials and installation. Microwave material received. Continued negotiation and purchase of upgrade equipment and systems. FY09 - On target. FY10 - Mobile Tower Unit (MTU) to be outfitted with equipment; wireless AP Site for WEBEOC, 800MHZ single site Conventional Channel, 100 handheld low grade radios base site; Motorbridge CMARC to Southern Backup 911; Timbers of Troy shelter replacement. FY11 - CMARC Motorbridge has been completed. Timbers of Troy shelter replacement completed. FY12 - Start first phase of Project 25 radio system by upgrading all radio sites with GTR radios. Upgrade of Police and Fire vehicles radios to new Motorola APX 6500, 700/800 MHz radio Project 25. This will enhance public safety with interoperability with Prince George County, Baltimore County, Baltimore City and State of Maryland Project 25 state wide radio system. This will also enhance Howard County 800 MHz public safety radio capabilities to expand the operations of Fire and Police with more talk groups and flexibly to manage radios inside of vehicles. Future funding from Technology fund. FY13 - Narrowbanding of radio frequencies completed. FY16 - Achieved reliability enhancement to radio's main core by moving the radio core from Astro 3.0 core (which is no longer supported by manufacturer) to P25 Standard Core Platform. This is the first step to allow us to stay current with reliability and feature enhancements for our radio core and 911 consoles. Additionally, enhanced the interface between the new P25 radio core and 911 CAD server which is a vital link providing communications from radio system to CAD server.

# Fiscal 2017 Capital Budget

## Project: C0317-FY2013 SYSTEMIC FACILITY IMPROVEMENTS

# GENERAL COUNTY PROJECTS

Number: C0317

### Description

A project to improve or upgrade the physical plant of public buildings, their equipment and systems, to replace plants/systems which have deteriorated beyond routine maintenance or provide for system management initiatives.

### Justification

Building systems that exceeded their useful life, are inefficient, or have deteriorated beyond maintenance standards. Upgrades, replacement, or renovations are necessary to allow Facilities to maintain its' support function.

### Remarks

1. Energy Performance Contract approved by Council Bill #52-2014.
2. Upgrade/improve building infrastructures to meet current facility standards/requirements; to meet changed/expanded/complex missions; to extend facility life expectancy; to improve efficiency, effectiveness and life safety: for roofing systems, window systems, HVAC systems, electrical systems, fire protection systems, energy management & control systems, and for environmental/safety corrections.
3. Prior appropriation restated with the creation of a new funding category of master lease (which used to be included in "Other" in this project).

### Project Schedule

FY17 - Design/Construction. Required Glenwood County facility water and waste water facility planned at an estimated cost of \$2.9M. Complete air quality assessments for mold in several Howard County schools.

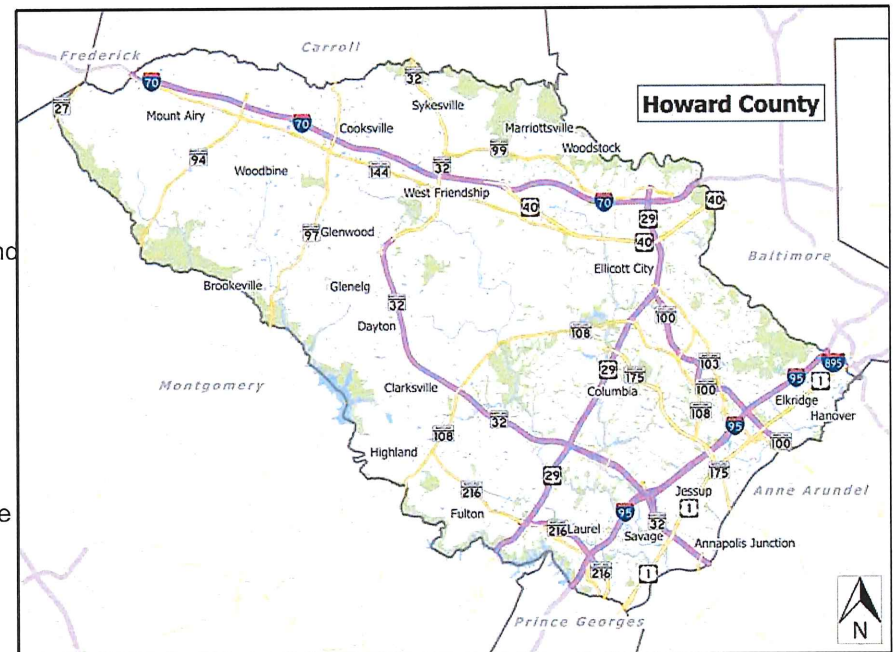
FY18 - Design/Construction

FY19 - Design/Construction

### Operating Budget Impact

Annual Bond Redemption \$ \$4,103,550

The Bond funding listed for this project includes long term bond funding.~Will provide future savings as a result of reduced maintenance and energy costs.



**Fiscal 2017 Capital Budget**

**GENERAL COUNTY PROJECTS**

**Project: FY2013 SYSTEMIC FACILITY IMPROVEMENTS**

**Number: C0317**

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project
PLANS & ENGINEERING	2,950	800	3,750	400	400	400	400	400	2,000	400	400	400	0	6,950
CONSTRUCTION	20,750	8,300	29,050	8,100	8,100	8,100	8,100	8,100	40,500	3,500	3,500	3,500	0	80,050
ADMINISTRATION	400	200	600	243	243	243	243	243	1,215	0	0	0	0	1,815
EQUIPMENT & FURNISHINGS	15,900	675	16,575	100	100	100	100	100	500	100	100	100	0	17,375
<b>Total Expenditures</b>	<b>40,000</b>	<b>9,975</b>	<b>49,975</b>	<b>8,843</b>	<b>8,843</b>	<b>8,843</b>	<b>8,843</b>	<b>8,843</b>	<b>44,215</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>0</b>	<b>106,190</b>
BONDS	25,000	9,975	34,975	8,843	8,843	8,843	8,843	8,843	44,215	4,000	4,000	4,000	0	91,190
OTHER SOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MASTER LEASE	15,000	0	15,000	0	0	0	0	0	0	0	0	0	0	15,000
<b>Total Funding</b>	<b>40,000</b>	<b>9,975</b>	<b>49,975</b>	<b>8,843</b>	<b>8,843</b>	<b>8,843</b>	<b>8,843</b>	<b>8,843</b>	<b>44,215</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>0</b>	<b>106,190</b>

**Project Status :**

**\$19,920,438 spent and encumbered through February 2016**

FY17 design and renovation of various County projects.

# Fiscal 2017 Capital Budget

## Project: C0322-FY2012 CENTRAL FLEET SYSTEMIC IMPROVEMENTS and FUEL SYSTEM

# GENERAL COUNTY PROJECTS

Number: C0322

### Description

This is a project to fund improvements to the County's fuel storage/dispensing/monitoring systems, and to improve or upgrade the physical plant of Fleet Equipment.

### Justification

These improvements to the County's fuel storage/dispensing/monitoring systems are needed to meet the Maryland Department of Environment (MDE) Code of Maryland Regulations (COMAR) 26.10.03.10A, including installing new above ground fuel storage systems to replace underground units, and technology upgrades to automate the collection and reporting of fuel data to increase the County's ability to manage fuel accountability.

### Remarks

1. Upgrade/replace/improve fuel storage/dispensing/monitoring systems and fleet equipment infrastructures to meet current laws, regulations and standards/requirements; to meet changed/expanded/complex missions; to extend equipment life expectancy; to improve efficiency, effectiveness and life safety; and for environmental/safety corrections.
2. Prior Year OTHER revenue represents central fleet funding.
3. Current FY17 request represents Master Lease.

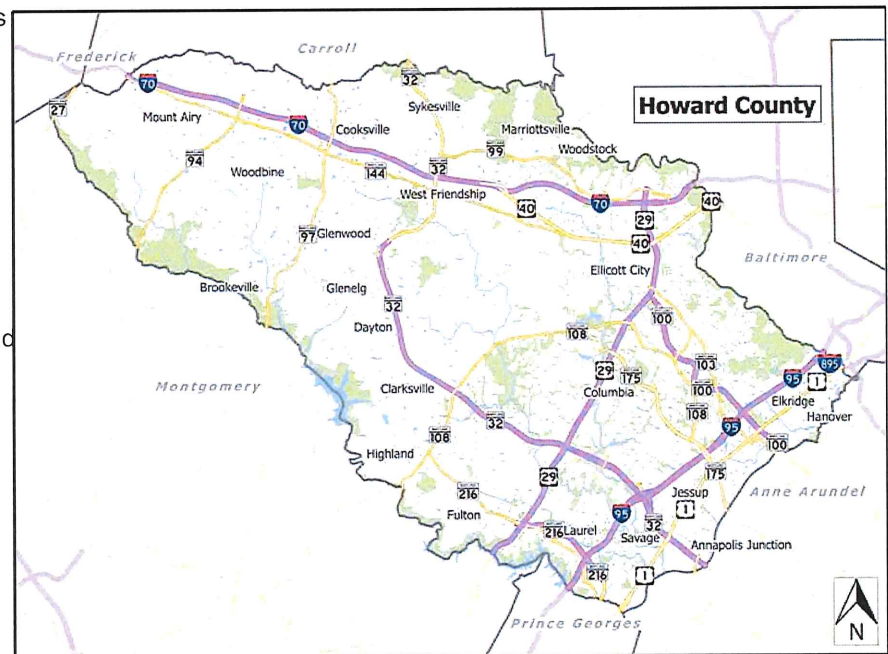
### Project Schedule

FY17- Design/Construction  
FY18- Construction; Project Close Out

### Operating Budget Impact

Annual Bond Redemption \$ \$289,125

The Bond funding listed for this project includes long term bond funding. Bureau of Facilities O&M and annual inspections and testing will increase by approx \$20,000.





**Fiscal 2017 Capital Budget**

**GENERAL COUNTY PROJECTS**

**Project: FY2012 CENTRAL FLEET SYSTEMIC IMPROVEMENTS and FUEL SYSTEM**

**Number: C0322**

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project
PLANS & ENGINEERING	375	122	497	0	148	0	0	0	148	0	0	0	0	645
CONSTRUCTION	3,520	1,580	5,100	1,290	990	0	0	0	2,280	0	0	0	0	7,380
<b>Total Expenditures</b>	<b>3,895</b>	<b>1,702</b>	<b>5,597</b>	<b>1,290</b>	<b>1,138</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,428</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,025</b>
BONDS	3,295	702	3,997	1,290	1,138	0	0	0	2,428	0	0	0	0	6,425
OTHER SOURCES	600	0	600	0	0	0	0	0	0	0	0	0	0	600
MASTER LEASE	0	1,000	1,000	0	0	0	0	0	0	0	0	0	0	1,000
<b>Total Funding</b>	<b>3,895</b>	<b>1,702</b>	<b>5,597</b>	<b>1,290</b>	<b>1,138</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,428</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,025</b>

**Project Status :**

**\$3,208,103 spent and encumbered through February 2016**

Mayfield ABT installed old underground tank removed. Alpha Ridge Tank design complete. Top tank upgrade of Banneker Fire Station complete. Dayton and Guilford Above ground tank in design.

### Description

A project to plan, design and implement a set of improvements to publicly owned land currently designated as Lot D in Ellicott City. Funding will be utilized to improve and expand storm water management, to alter the traffic flow and movement and to more fully expose the Tiber-Hudson River as an amenity and natural resource.

### Justification

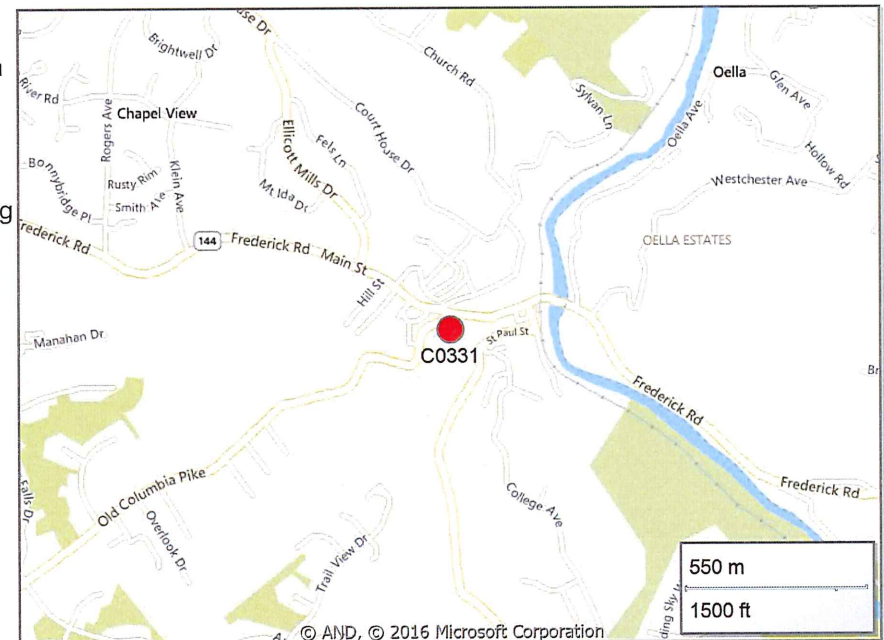
The County's Watershed Implementation Plan requires a substantial reduction in the pollutants that enter the Patapsco River and the Chesapeake Bay. The extensive impervious surface in Ellicott City requires greater stormwater management in order to control pollution runoff from its parking lots. The Tiber-Hudson is currently channelized through the lot, but has the potential to be improved as a natural and visual amenity and public gathering place. The parking lot is not efficient and egress to Main Street has limited sight distance. Public funds will be used to address and better control stormwater runoff, to create a public amenity space for the community and to improve the parking on the County-owned lot.

### Remarks

1. A portion of current request represents funding to be generated from legislation CB-8 & CR21 for stormwater utility funding, known as Watershed Protection and Restoration fund.
2. Additional funding may be available through the State.

### Project Schedule

FY17 - **Design** for opening of the river and addition of water quality treatment.



**Fiscal 2017 Capital Budget**

**GENERAL COUNTY PROJECTS**

**Project: FY2014 ELLICOTT CITY PARKING LOT ENHANCEMENT**

**Number: C0331**

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project
PLANS & ENGINEERING	200	0	200	0	0	0	0	0	0	0	0	0	0	200
CONSTRUCTION	800	(800)	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Expenditures</b>	<b>1,000</b>	<b>(800)</b>	<b>200</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>200</b>
STORMWATER UTILTY FUNDING	1,000	(800)	200	0	0	0	0	0	0	0	0	0	0	200
<b>Total Funding</b>	<b>1,000</b>	<b>(800)</b>	<b>200</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>200</b>

**Project Status :**

\$45,600 spent and encumbered through February 2016

Designed Parking Lot D improvements concept

# Fiscal 2017 Capital Budget

# GENERAL COUNTY PROJECTS

## Project: C0352-FY2017 SITE ACQUISITION FOR SCHOOL SITES AND ELEVATED WATER STORAGE FACILITIES

Number: C0352

### Description

This project establishes a fund for school site acquisition that comes available on the market that meets the future needs of the County specifically to serve the Public interest to add or enhance the school system sites for new schools. This shall include title and appraisal reports, surveys, environmental assessments, etc. required for the acquisition of property. The acquisition will be sized for at least two school facilities and compatible recreational facilities. The Project will also be used to acquire the necessary property to design and construct an elevated water storage facility, including site access and pipeline construction.

### Justification

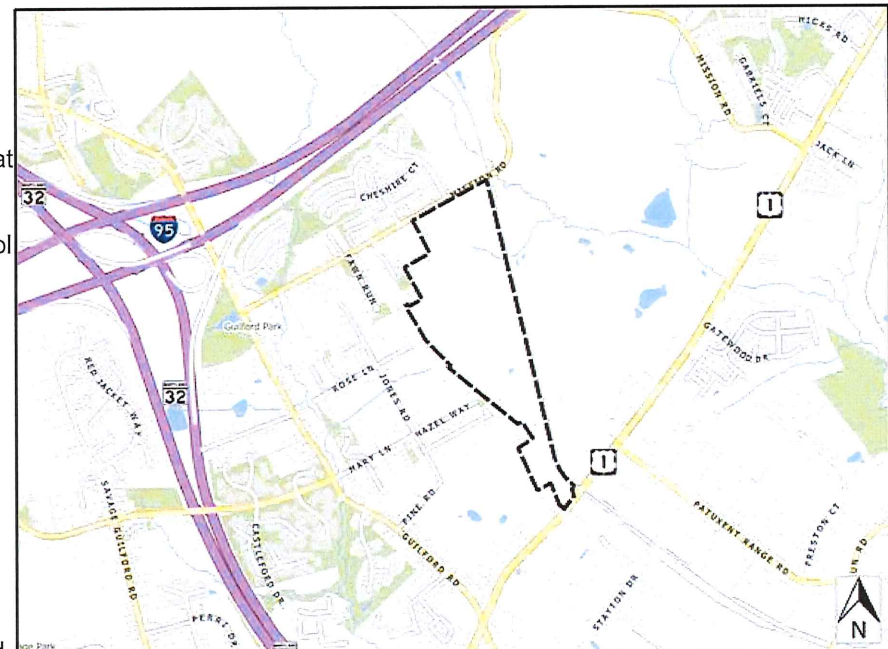
Allows the County to move quickly on behalf of the school system for parcels that come on the market. Land resources available for development are becoming rare and it is essential that the County have the ability to move quickly to take advantage of opportunities for unique locations that meet the needs of the school system.

### Remarks

1. The project site is between Route 1 and Mission Road in the Southeast quadrant of the County.
2. The property to be purchased will be graded to its potential ultimate use configuration, facilitates the construction of school facilities, the property will also be developed for public recreational purposes. The Board of Education and Recreation and Parks will develop a joint plan for the site that will accommodate school and recreational uses.
3. Project funds transferred from C0309.  
Project will be purchased with an installment purchase agreement.  
Other revenues represent revenues from CR 125-2014, 67, 68 and 69-2015 and Program Open Space.

### Project Schedule

FY17 - Identify and acquire multi-school sites (including the 13th high school).  
Acquire elevated water storage facility sites.



**Fiscal 2017 Capital Budget**

**GENERAL COUNTY PROJECTS**

**Project: FY2017 SITE ACQUISITION FOR SCHOOL SITES AND ELEVATED WATER STORAGE FACILITIES**

**Number: C0352**

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project
LAND ACQUISITION	0	15,750	15,750	8,750	0	0	0	0	8,750	0	0	0	0	24,500
<b>Total Expenditures</b>	<b>0</b>	<b>15,750</b>	<b>15,750</b>	<b>8,750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24,500</b>
BONDS	0	8,250	8,250	5,500	0	0	0	0	5,500	0	0	0	0	13,750
METRO DISTRICT BOND	0	5,000	5,000	0	0	0	0	0	0	0	0	0	0	5,000
OTHER SOURCES	0	2,500	2,500	3,250	0	0	0	0	3,250	0	0	0	0	5,750
<b>Total Funding</b>	<b>0</b>	<b>15,750</b>	<b>15,750</b>	<b>8,750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24,500</b>

**Project Status :**

\$0 spent and encumbered through February 2016

**Fiscal 2017 Capital Budget**

**DRAINAGE PROJECTS**

**Project: FY2008 WATERSHED MANAGEMENT CONSTRUCTION**

**Number: D1158**

(In Thousands)	Five Year Capital Program									Master Plan				
	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project
PLANS & ENGINEERING	5,120	2,450	7,570	3,000	3,000	3,000	1,500	1,500	12,000	0	0	0	0	19,570
CONSTRUCTION	14,505	8,917	23,422	18,800	15,300	16,800	8,900	8,400	68,200	0	0	0	0	91,622
ADMINISTRATION	650	100	750	200	200	200	100	100	800	0	0	0	0	1,550
<b>Total Expenditures</b>	<b>20,275</b>	<b>11,467</b>	<b>31,742</b>	<b>22,000</b>	<b>18,500</b>	<b>20,000</b>	<b>10,500</b>	<b>10,000</b>	<b>81,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>112,742</b>
BONDS	7,295	2,800	10,095	16,000	15,000	16,000	6,000	6,000	59,000	0	0	0	0	69,095
DEVELOPER CONTRIBUTION	200	0	200	0	0	0	0	0	0	0	0	0	0	200
GRANTS	5,980	1,450	7,430	1,000	1,000	1,000	1,000	1,000	5,000	0	0	0	0	12,430
PAY AS YOU GO	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0	1,000
STORM DRAINAGE FUND	850	0	850	0	0	0	0	0	0	0	0	0	0	850
TRANSFER TAX	0	0	0	1,000	1,000	1,000	0	0	3,000	0	0	0	0	3,000
WATER QUALITY State Bond Loan	0	3,200	3,200	0	0	0	0	0	0	0	0	0	0	3,200
STORMWATER UTILITY FUNDING	4,950	4,017	8,967	4,000	1,500	2,000	3,500	3,000	14,000	0	0	0	0	22,967
<b>Total Funding</b>	<b>20,275</b>	<b>11,467</b>	<b>31,742</b>	<b>22,000</b>	<b>18,500</b>	<b>20,000</b>	<b>10,500</b>	<b>10,000</b>	<b>81,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>112,742</b>

**Project Status :**

**\$16,734,769 spent and encumbered through February 2016**

Stream Restoration Projects:

1. Design initiated - Patrick Farm, Willow Bend, Font Hill Park, Starling Road, Howard Community College, Davis Branch, Swansfield Road Trail, Stonehouse Drive, Ducketts Lane, Mellen Court, Heatherland Court, Char Lil Court, and Montpelier Road.
2. Design completed - Greenway Drive Drainage Improvements
3. Construction completed - Autumn Harvest - Phase 2, Bramhope La, Brightwood Ct, Dower Dr, Ducks Foot Ln - Phase 2, Elmmede Rd, Faulkner Ridge Circle, Great Drum Circle, Meadowbrook Park, Old Willow Way, Paul Mill Rd, Red Hill Way, Stone Trail Ct, Tall Maple Ct, Threshfield Ct, Tiller Dr, Tiller Dr - Phase 2, Tuscany Rd, Waverly Woods Retrofit, Wheatfield Way, Whiterock Ct, Windflower Dr, Southview Rd, Pinehurst Ct, Dorsey Hall Village Center, Bonnie Branch, Woodlot Road.

**Fiscal 2017 Capital Budget**

**SCHOOL SYSTEM PROJECTS**

**Project: FY2003 WAVERLY ELEM RENOVATION/PHASE II ADDITION**

**Number: E0973**

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project
PLANS & ENGINEERING	1,061	0	1,061	0	0	0	0	0	0	0	0	0	0	1,061
CONSTRUCTION	6,786	9,589	16,375	17,246	0	0	0	0	17,246	0	0	0	0	33,621
EQUIPMENT & FURNISHINGS	237	0	237	1,150	0	0	0	0	1,150	0	0	0	0	1,387
<b>Total Expenditures</b>	<b>8,084</b>	<b>9,589</b>	<b>17,673</b>	<b>18,396</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,396</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>36,069</b>
BONDS	6,691	0	6,691	12,746	0	0	0	0	12,746	0	0	0	0	19,437
STATE AID for SCHOOLS	1,393	9,589	10,982	5,650	0	0	0	0	5,650	0	0	0	0	16,632
<b>Total Funding</b>	<b>8,084</b>	<b>9,589</b>	<b>17,673</b>	<b>18,396</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,396</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>36,069</b>

**Project Status :**

**\$3,211,031 spent and encumbered through February 2016**

Phase I Completed in 2007. Phase II in planning.

Timing: This project was originally scheduled for 2010 and has been moved out to 2018 based upon enrollment projections.

**Fiscal 2017 Capital Budget**

**Project: FY2004 SYSTEMIC RENOVATIONS**

**SCHOOL SYSTEM PROJECTS**

**Number: E0980**

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project
CONSTRUCTION	238,831	10,944	249,775	31,294	44,245	47,184	26,633	26,350	175,706	38,995	40,945	42,992	45,141	593,554
<b>Total Expenditures</b>	<b>238,831</b>	<b>10,944</b>	<b>249,775</b>	<b>31,294</b>	<b>44,245</b>	<b>47,184</b>	<b>26,633</b>	<b>26,350</b>	<b>175,706</b>	<b>38,995</b>	<b>40,945</b>	<b>42,992</b>	<b>45,141</b>	<b>593,554</b>
BONDS	121,424	6,872	128,296	25,634	39,345	36,084	19,333	23,350	143,746	38,995	40,945	42,992	45,141	440,115
PAY AS YOU GO	4,555	0	4,555	0	0	0	0	0	0	0	0	0	0	4,555
STATE AID for SCHOOLS	80,429	2,072	82,501	3,460	2,500	8,500	4,500	0	18,960	0	0	0	0	101,461
TRANSFER TAX	6,100	0	6,100	200	400	600	800	1,000	3,000	0	0	0	0	9,100
EDUCATION EXCISE BONDS	26,323	2,000	28,323	2,000	2,000	2,000	2,000	2,000	10,000	0	0	0	0	38,323
<b>Total Funding</b>	<b>238,831</b>	<b>10,944</b>	<b>249,775</b>	<b>31,294</b>	<b>44,245</b>	<b>47,184</b>	<b>26,633</b>	<b>26,350</b>	<b>175,706</b>	<b>38,995</b>	<b>40,945</b>	<b>42,992</b>	<b>45,141</b>	<b>593,554</b>

**Project Status :**

\$146,057,512 spent and encumbered through February 2016  
See Project Schedule. See Remarks. Ongoing.



**Fiscal 2017 Capital Budget**

**Project: FY2016 NEW ELEMENTARY SCHOOL #42**

**SCHOOL SYSTEM PROJECTS**

**Number: E1028**

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project
PLANS & ENGINEERING	2,807	0	2,807	0	0	0	0	0	0	0	0	0	0	2,807
CONSTRUCTION	0	14,526	14,526	19,158	2,787	0	0	0	21,945	0	0	0	0	36,471
EQUIPMENT & FURNISHINGS	0	0	0	1,500	1,345	0	0	0	2,845	0	0	0	0	2,845
<b>Total Expenditures</b>	<b>2,807</b>	<b>14,526</b>	<b>17,333</b>	<b>20,658</b>	<b>4,132</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24,790</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>42,123</b>
BONDS	2,807	2,526	5,333	13,940	1,414	0	0	0	15,354	0	0	0	0	20,687
STATE AID for SCHOOLS	0	12,000	12,000	6,718	2,718	0	0	0	9,436	0	0	0	0	21,436
<b>Total Funding</b>	<b>2,807</b>	<b>14,526</b>	<b>17,333</b>	<b>20,658</b>	<b>4,132</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24,790</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>42,123</b>

**Project Status :**

\$1,161,613 spent and encumbered through February 2016  
Planning.

**Fiscal 2017 Capital Budget**

**Project: FY2013 ROAD RESURFACING PROGRAM**

**HIGHWAY RESURFACING**

**Number: H2014**

(In Thousands)				Five Year Capital Program							Master Plan				
Appropriation Object Class	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project	
CONSTRUCTION	29,500	5,000	34,500	3,000	3,000	3,000	3,000	3,000	15,000	3,000	3,000	3,000	3,000	61,500	
<b>Total Expenditures</b>	<b>29,500</b>	<b>5,000</b>	<b>34,500</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>15,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>61,500</b>	
GRANTS	1,000	0	1,000	0	0	0	0	0	0	0	0	0	0	1,000	
PAY AS YOU GO	28,500	5,000	33,500	3,000	3,000	3,000	3,000	3,000	15,000	3,000	3,000	3,000	3,000	60,500	
<b>Total Funding</b>	<b>29,500</b>	<b>5,000</b>	<b>34,500</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>15,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>61,500</b>	

**Project Status :**

\$29,479,745 spent and encumbered through February 2016

**Fiscal 2017 Capital Budget**

**ROAD CONSTRUCTION PROJECTS**

**Project: FY2002 DORSEY RUN ROAD IMPROVEMENTS**

**Number: J4182**

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project
PLANS & ENGINEERING	1,540	0	1,540	0	800	0	0	0	800	0	0	0	0	2,340
LAND ACQUISITION	900	0	900	0	0	0	0	0	0	0	0	0	0	900
CONSTRUCTION	2,035	(1,500)	535	0	15,000	0	0	0	15,000	0	0	0	0	15,535
ADMINISTRATION	25	0	25	0	0	0	0	0	0	0	0	0	0	25
<b>Total Expenditures</b>	<b>4,500</b>	<b>(1,500)</b>	<b>3,000</b>	<b>0</b>	<b>15,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,800</b>
DEVELOPER CONTRIBUTION	35	0	35	0	0	0	0	0	0	0	0	0	0	35
EXCISE TAX	3,045	(505)	2,540	0	0	0	0	0	0	0	0	0	0	2,540
EXCISE TAX BACKED BONDS	1,420	(995)	425	0	15,800	0	0	0	15,800	0	0	0	0	16,225
<b>Total Funding</b>	<b>4,500</b>	<b>(1,500)</b>	<b>3,000</b>	<b>0</b>	<b>15,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,800</b>

**Project Status :**

**\$978,736 spent and encumbered through February 2016**

FY16 - Project under design.

**Fiscal 2017 Capital Budget**

**ROAD CONSTRUCTION PROJECTS**

**Project: FY2007 STATE ROAD CONSTRUCTION**

**Number: J4212**

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project
PLANS & ENGINEERING	2,875	325	3,200	0	0	0	0	0	0	0	0	0	0	3,200
LAND ACQUISITION	2,175	25	2,200	0	0	0	0	0	0	0	0	0	0	2,200
CONSTRUCTION	19,925	10,075	30,000	0	0	0	0	0	0	0	0	0	0	30,000
<b>Total Expenditures</b>	<b>24,975</b>	<b>10,425</b>	<b>35,400</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>35,400</b>
DEVELOPER CONTRIBUTION	0	350	350	0	0	0	0	0	0	0	0	0	0	350
EXCISE TAX	500	0	500	0	0	0	0	0	0	0	0	0	0	500
GRANTS	1,225	75	1,300	0	0	0	0	0	0	0	0	0	0	1,300
EXCISE TAX BACKED BONDS	23,250	10,000	33,250	0	0	0	0	0	0	0	0	0	0	33,250
<b>Total Funding</b>	<b>24,975</b>	<b>10,425</b>	<b>35,400</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>35,400</b>

**Project Status :**

**\$16,614,986 spent and encumbered through February 2016**

FY 16 - In design: MD32 dualization. MD97 at Burntwoods; MD103 at Old Columbia Pike; US1 at MD103.

Completed: MD32 at Linden Church.

# Fiscal 2017 Capital Budget

## Project: K5062-FY2009 STATE ROADS SIDEWALK RETROFIT PROGRAM

# SIDEWALKS

Number: K5062

### Description

A project to design and construct improved pedestrian access along State roads.

### Justification

Many State roads are without sidewalks or shoulders for pedestrians. Citizens have expressed interest in improving access for residential areas and/or commercial industrial sites. These projects will reduce pedestrian accident potential.

### Remarks

1. GRANT funds are State Retrofit Sidewalk Program available to complement County funds. The County must provide matching funds for each site.
2. Request represents program advancement.
3. Program is coordinated with SHA.

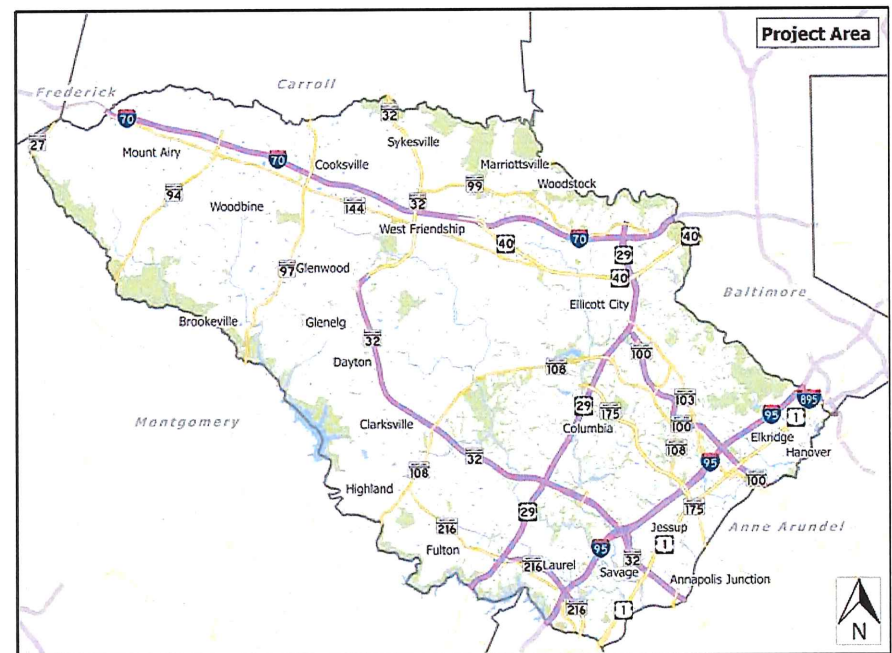
### Project Schedule

Program

### Operating Budget Impact

Annual Bond Redemption \$ \$15,750

Estimated annual maintenance costs upon completion: No Change.



# Fiscal 2017 Capital Budget

## Project: N3953-FY2000 CENTENNIAL LAKE RESTORATION

# PARKS PROJECTS

Number: N3953

### Description

A project to design and construct improvements to Centennial Lake to include dredging, artificial aeration, and shoreline stabilization.

### Justification

In 1995 a study was conducted by Coastal Environmental Services Inc. recommending that the above measures be taken to restore the health of the lake. This project is endorsed by the Recreation and Parks Advisory Board and is included in the 2005 and 2012 Land Preservation and Recreation Plan.

### Remarks

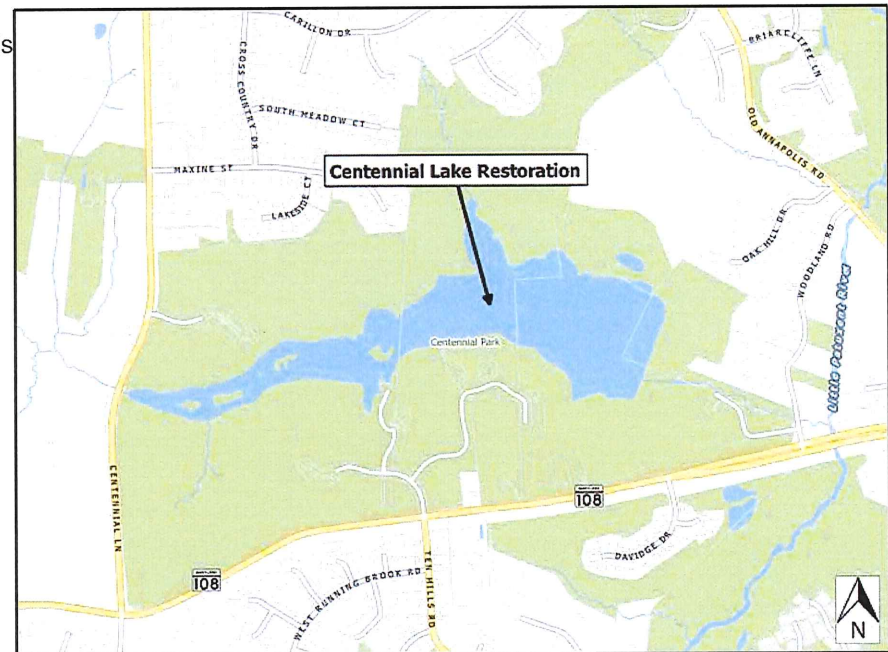
FY17-The Department will use the remaining portion of the existing funds to initiate an updated profile survey of the existing lake bottom to determine the scope of work for the dredging project. Upon the completion of the survey, will then have current information to allow for the County to better determine the future design needs/costs and construction costs for dredging the lake. Project partly defunded.

### Project Schedule

### Operating Budget Impact

Annual Bond Redemption \$ \$945

No additional operating costs will be associated with this project other than the electricity required to operate the potential aeration pumps which is estimated at less than \$1000 per year.



**Fiscal 2017 Capital Budget**

**Project: FY2000 CENTENNIAL LAKE RESTORATION**

**PARKS PROJECTS**

**Number: N3953**

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project
PLANS & ENGINEERING	587	(500)	87	0	0	0	0	0	0	0	0	0	0	87
CONSTRUCTION	100	(100)	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Expenditures</b>	<b>687</b>	<b>(600)</b>	<b>87</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>87</b>
BONDS	21	0	21	0	0	0	0	0	0	0	0	0	0	21
PAY AS YOU GO	66	0	66	0	0	0	0	0	0	0	0	0	0	66
TRANSFER TAX	600	(600)	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>687</b>	<b>(600)</b>	<b>87</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>87</b>

**Project Status :**

**\$59,738 spent and encumbered through February 2016**

Lake bottom survey, sediment analysis, and dredging methods being evaluated in preparation for project design.

# Fiscal 2017 Capital Budget

## Project: N3965-FY2007 MIDDLE PATUXENT IMPROVEMENTS

# PARKS PROJECTS

Number: N3965

### Description

A project to design and construct a restroom, storage building, parking improvements and bridges in the Middle Patuxent Environmental Area located southeast of the intersection of MD108 and Trotter Road.

### Justification

This project is endorsed by the Recreation and Parks Advisory Board and will benefit school groups and trail users.

### Remarks

1. Prior funds address funds for design and construction.
2. FY14 funds include a \$150,000 State Bond Bill. Prior year funds will be used for the Bond Bill match.
3. FY17-Request reflects additional funds for construction.

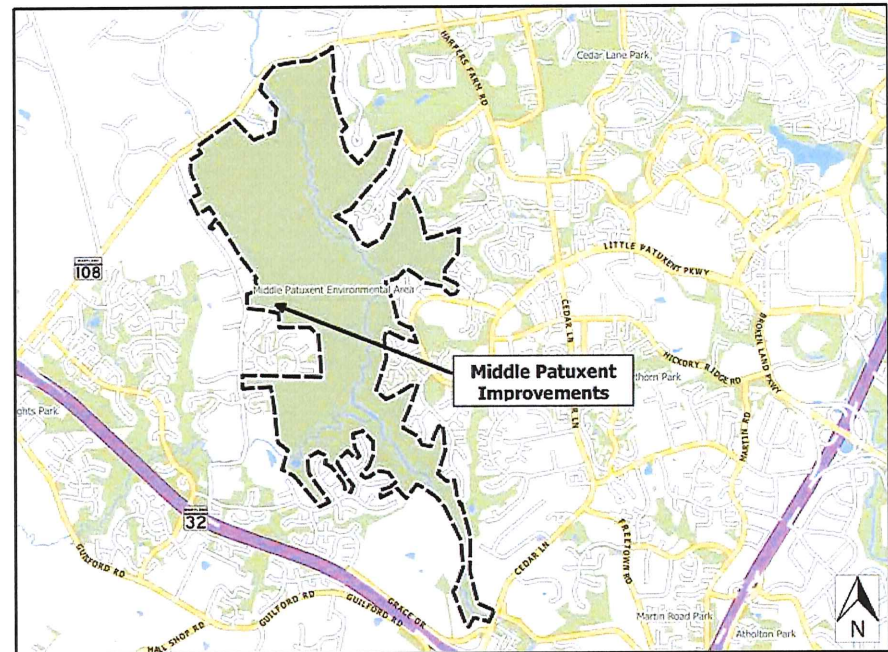
### Project Schedule

FY17 - Close

### Operating Budget Impact

Annual Bond Redemption \$ 42,750

The estimated annual operating cost for maintenance and utilities related to the restroom and storage shed is \$15,000 annually.





**Fiscal 2017 Capital Budget**

**Project: FY2007 MIDDLE PATUXENT IMPROVEMENTS**

**PARKS PROJECTS**

Number: N3965

(In Thousands)				Five Year Capital Program						Master Plan				
Appropriation Object Class	Prior Appr.	FY2017 Budget	Appr. Total	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022	Sub Total	Fiscal 2023	Fiscal 2024	Fiscal 2025	Fiscal 2026	Total Project
PLANS & ENGINEERING	220	0	220	0	0	0	0	0	0	0	0	0	0	220
CONSTRUCTION	1,050	600	1,650	0	0	0	0	0	0	0	0	0	0	1,650
<b>Total Expenditures</b>	<b>1,270</b>	<b>600</b>	<b>1,870</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>1,870</b>
BONDS	950	0	950	0	0	0	0	0	0	0	0	0	0	950
GRANTS	150	0	150	0	0	0	0	0	0	0	0	0	0	150
PAY AS YOU GO	25	0	25	0	0	0	0	0	0	0	0	0	0	25
TRANSFER TAX	145	600	745	0	0	0	0	0	0	0	0	0	0	745
<b>Total Funding</b>	<b>1,270</b>	<b>600</b>	<b>1,870</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>1,870</b>

**Project Status :**

**\$390,417 spent and encumbered through February 2016**

The design of the restroom, parking and storage building will be completed. Construction of the restroom, parking and storage building will begin.