GENERAL COUNTY PROJECTS

Number: C0287

Project: FY2002 COMMUNITY RENEWAL / ENHANCEMENTS

(In Thousands)	priation Object Class Prior Appr. FY2017 Budget NS & ENGINEERING 89 100						apital Pro	ogram				Master F	Plan	
Appropriation Object Class	(,	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
Total Expenditures	889	500	1,389	0	0	0	0	- 0	0	0	0	0	0	1,389
BONDS	595	300	895	0	0	0	0	0	0	0	0	0	0	898
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
Total Funding	889	500	1,389	0	0	0	0	0	0	0	. 0	0	0	1,389

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.

Anend 24 CO 28 Highlighted changes

Project: C0309-FY2007 LAND ACQUISITION CONTINGENCY RESERVE

GENERAL COUNTY PROJECTS

Number: C0309

Description

A fund for acquisition of land that comes available on the market that meets the future needs of the County to serve the public interest and no funded Capital Project exists. The project will also serve as a transfer source and to resolve other acquisition issues on projects that were closed or on those not funded by the Enterprise Fund. This shall include title and appraisal reports, surveys, environmental assessments, etc. required for the acquisition of property.

Justification

Allows the County to move quickly on parcels that come on the market. Land resources are becoming rare and it is essential that the County have the ability to move quickly to take advantage of unique opportunities for unique locations and possibly prevent the future need for condemnation.

Remarks

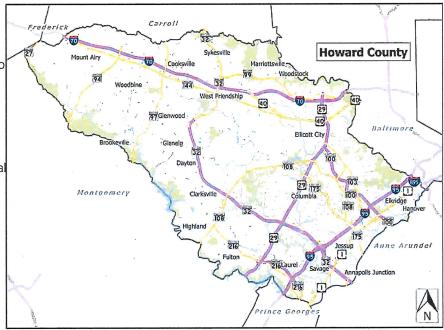
1. OTHER revenues represents property disposition proceeds reflected in CR 125-2014, and 67, 68 & 69-2015, to assist the county with purchase of a potential 13th high school site.

Project Schedule

FY16 - Identify and purchase 13th high school site. Defund and create new capital project C0352.

Operating Budget Impact

Annual Bond Redemption \$ \$1,201,500



GENERAL COUNTY PROJECTS

Project: FY2007 LAND ACQUISITION CONTINGENCY RESERVE

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(In Thousands)					Five	Year Ca	apital Pro	ogram				Master F	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
Total Expenditures	36,000	(10,750)	25,250	0	0	0	0	0	0	0	0	0	0	25,250
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
Total Funding	36,000	(10,750)	25,250	0	0	0	0	0	0	0	0	0	0	25,250

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.

GENERAL COUNTY PROJECTS

Project: C0311-FY2007 PUBLIC SAFETY RADIO SYSTEM ENHANCEMENTS

Number: C0311

Description

Enhancements to 800 MHz Motorola Astro trunking radio system for Public Safety. This first phase will replace all site radios including mobile radios on Fire and Police vehicles, along with FCC-mandated Narrowbanding for Howard County Fire Alert and Interoperability.

Justification

Howard County's 800 MHz Radio system is aging out of serviceability and by mid 2018 will no longer be manufactured nor supported by the vendor, creating vulnerabilities for functionality and interoperability. We are taking a phased approached, first upgrading the Radio Core and 911 radio consoles to P25 standards, replacement of all portable radios due to end-of-life cycle, and the addition of radio frequencies system and replacement of site infrastructure. This will allow us to stay in communications with Federal, State and other local area governments and public safety officers.

Remarks

- 1. Replace radio core equipment/software and 911 consoles.
- 2. Replace tower light systems and GPS timing systems at all sites
- 3. Replace all portable radios
- 4. Replace site controller, UPS, generators, antennas, and lines.
- 5. Building improvement at Howard High.
- 6. Prior Year OTHER revenue represents paygo generated from Fire Tax revenues.
- 7. Current FY17 request represents Master Lease.

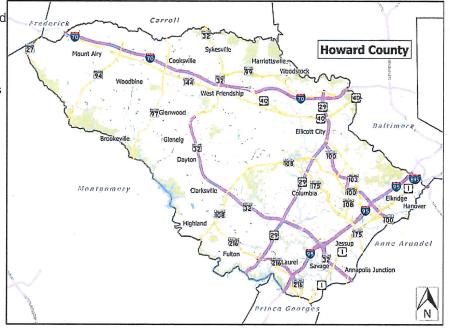
Project Schedule

FY17 - Replace end-of-life radios which by mid 2018 will not be manufactured nor supported by the vendor with APX series radios to allow for interoperability . Replace all site infrastructure such as base station radios, antennas, lines, UPS and generators for reliability and interoperability with Federal, State and local governments. FY18 - Complete replacement and upgrade to portable radios.

Operating Budget Impact

Annual Bond Redemption \$ \$364,500

The Bond funding listed for this project includes long term bond funding.



GENERAL COUNTY PROJECTS

Project: FY2007 PUBLIC SAFETY RADIO SYSTEM ENHANCEMENTS

Number: C0311

(In Thousands)					Five	Year Ca	pital Pro	gram				Master F	Plaņ	*
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
Total Expenditures	8,600	10,400	19,000	14,000	250	250	250	250	15,000	0	0	0	0	34,000
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
Total Funding	8,600	10,400	19,000	14,000	250	250	250	250	15,000	0	0	0	0	34,000

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 radioÆs main core by moving the radio core form 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.

Project: C0317-FY2013 SYSTEMIC FACILITY IMPROVEMENTS

GENERAL COUNTY PROJECTS

Number: C0317

Version: Council Approved

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.

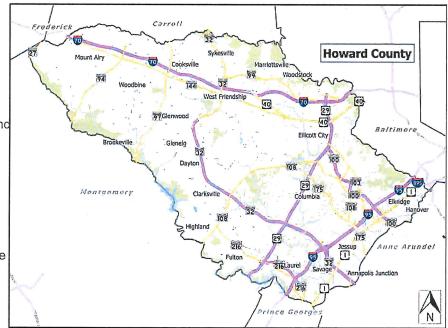
FY18 - Design/Construction

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.



GENERAL COUNTY PROJECTS

Project: FY2013 SYSTEMIC FACILITY IMPROVEMENTS

Number: C0317

(In Thousands)					Five	Year Ca	apital Pro	gram				Master P	lan	
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
Total Expenditures	40,000	9,975	49,975	8,843	8,843	8,843	8,843	8,843	44,215	4,000	4,000	4,000	0	106,190
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
Total Funding	40,000	4	49,975	8,843	8,843	8,843	8,843	8,843	44,215	4,000	4,000	4,000	0	106,190

Project Status: \$19,920,438 spent and encumbered through February 2016 FY17 design and renovation of various County projects.

GENERAL COUNTY PROJECTS

Number: C0322

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

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.

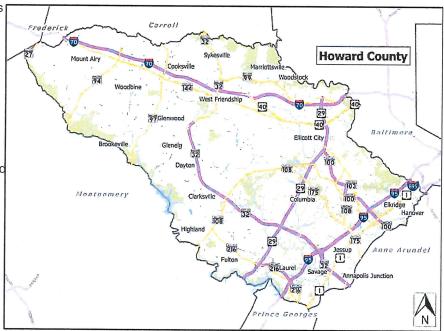
Project Schedule

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.



GENERAL COUNTY PROJECTS

Project: FY2012 CENTRAL FLEET SYSTEMIC IMPROVEMENTS and FUEL SYSTEM

Number: C0322

(In Thousands)					Five	Year Ca	apital Pro	ogram				Master F	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
Total Expenditures	3,895	1,702	5,597	1,290	1,138	0	0	0	2,428	0	0	0	0	8,025
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	P	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
Total Funding	3,895	1,702	5,597	1,290	1,138	0	0	0	2,428	0	0	0	0	8,025

Project Status:

\$3,208,103 spent and encumbered through February 2016
Mayfield ABT instsalled old underground tank removed. Alpha Ridge Tank design complete. Top tank upgrade of Banneker Fire Station complete. Dayton and Guilford Aabove ground tank in design.

Project: C0331-FY2014 ELLICOTT CITY PARKING LOT ENHANCEMENT

GENERAL COUNTY PROJECTS

Number: C0331

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

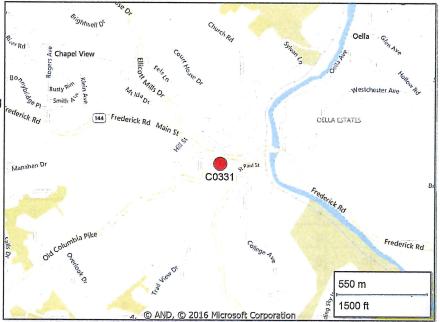
The County's Watershed Implementation Plan requires a substantial reduction in the pollutants that enter the Patapsco River and the Chesapeake Bay. The extensive impervious surface in Ellicott City requires greater stormwater management in order to control pollution runoff from its parking lots. The 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.



GENERAL COUNTY PROJECTS

Number: C0331

Project: FY2014 ELLICOTT CITY PARKING LOT ENHANCEMENT

(In Thousands)					Five	Year Ca	pital Pro	ogram				Master P	lan	
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
Total Expenditures	1,000	(800)	200	0	0	0	. 0	0	0	0	0	0	0	200
STORMWATER UTILTY FUNDING	1,000	(800)	200	0	0	0	0	0	0	0	0	0	0	200
Total Funding	1,000	(800)	200	0	0	0	0	0	0	0	0	0	0	200

Project Status: \$45,600 spent and encumbered through February 2016 Designed Parking Lot D improvements concept

Version: Council Approved

GENERAL COUNTY PROJECTS

Number: C0352

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

Description

This project establishes a fund for school site acquisition that comes available on the market that meets the future needs of the County secifically 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 contruct 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

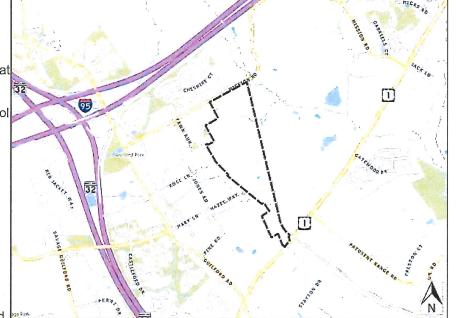
- 1. The project site is between Route 1 and Mission Road in the Southeast quadrant of the County.
- 2. The property to be purchased will be graded to its potential ultimate use configuration, facilitates the construction of school facilities, the property will also be developed for public recreational 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.



GENERAL COUNTY PROJECTS

Number: C0352

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

(In Thousands)		. 1250	manufacture and the first filter of 1 is 1994		Five	Year Ca	apital Pro	ogram				Master F	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
Total Expenditures	0	15,750	15,750	8,750	0	0	0	0	8,750	0	0	0	0	24,500
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
Total Funding	0	15,750	15,750	8,750	0	0	0	0	8,750	0	0	0	0	24,500

Project Status:
\$0 spent and encumbered through February 2016

Project: FY2008 WATERSHED MANAGEMENT CONSTRUCTION

DRAINAGE PROJECTS

Number: D1158

(In Thousands)	Prior Appr. FY2017 Budget S & ENGINEERING 5,120 2,450 TRUCTION 14,505 8,917 NISTRATION 650 100 Expenditures 20,275 11,467 S 7,295 2,800 LOPER CONTRIBUTION 200 0				Five	Year Ca	pital Pro	gram				Master F	lan	
Appropriation Object Class	-		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
Total Expenditures	20,275	11,467	31,742	22,000	18,500	20,000	10,500	10,000	81,000	0	0	0	0	112,742
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 UTILTY 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
Total Funding	20,275	11,467	31,742	22,000	18,500	20,000	10,500	10,000	81,000	0	0	0	0	112,742

Project Status:

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

Stream Restoration Projects:

2. Design completed - Greenway Drive Drainage Improvements

^{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.

^{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.

SCHOOL SYSTEM PROJECTS

Number: E0973

Project: FY2003 WAVERLY ELEM RENOVATION/PHASE II ADDITION

(In Thousands)				Five	Year Ca	apital Pro	ogram				Master F	'lan		
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	1,06
CONSTRUCTION	6,786	9,589	16,375	17,246	0	0	0	0	17,246	0	0	0	0	33,62
EQUIPMENT & FURNISHINGS	237	0	237	1,150	0	0	0	0	1,150	0	0	0	0	1,38
Total Expenditures	8,084	9,589	17,673	18,396	0	0	0	0	18,396	0	0	0	0	36,06
BONDS	6,691	0	6,691	12,746	0	0	0	0	12,746	0	0	0	0	19,43
STATE AID for SCHOOLS	1,393	9,589	10,982	5,650	0	0	0	0	5,650	0	0	0	0	16,63
Total Funding	8,084	9,589	17,673	18,396	0	0	0	0	18,396	0	0	0	0	36,06

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.

Project: FY2004 SYSTEMIC RENOVATIONS

SCHOOL SYSTEM PROJECTS

Number: E0980

(In Thousands)					Five	Year Ca	pital Pro	gram				Master P	lan	
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
Total Expenditures	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
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
Total Funding	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

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

Project: FY2016 NEW ELEMENTARY SCHOOL #42

SCHOOL SYSTEM PROJECTS

Number: E1028

(In Thousands)					Five	Year Ca	apital Pro	ogram				Master F	lan	
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	36,47
EQUIPMENT & FURNISHINGS	0	0	0	1,500	1,345	0	. 0	0	2,845	0	0	0	0	2,845
Total Expenditures	2,807	14,526	17,333	20,658	4,132	0	0	0	24,790	0	0	0	0	42,123
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
Total Funding	2,807	14,526	17,333	20,658	4,132	0	0	0	24,790	0	0	0	0	42,123

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

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	
Total Expenditures	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	
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	
Total Funding	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	

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

Project: FY2002 DORSEY RUN ROAD IMPROVEMENTS

ROAD CONSTRUCTION PROJECTS

Number: J4182

(In Thousands)		Five	Year Ca	apital Pro	ogram	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
Total Expenditures	4,500	(1,500)	3,000	0	15,800	0	0	0	15,800	0	0	. 0	0	18,800
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
Total Funding	4,500	(1,500)	3,000	0	15,800	0	0	0	15,800	0	0	0	0	18,800

Project Status: \$978,736 spent and encumbered through February 2016 FY16 - Project under design.

ROAD CONSTRUCTION PROJECTS

Number: J4212

Project: FY2007 STATE ROAD CONSTRUCTION

(In Thousands)		Five	Year Ca	apital Pro	ogram	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
Total Expenditures	24,975	10,425	35,400	0	0	0	0	0	0	0	0	0	0	35,400
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
Total Funding	24,975	10,425	35,400	0	0	0	0	0	0	0	0	0	0	35,400

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.

Project: K5062-FY2009 STATE ROADS SIDEWALK RETROFIT PROGRAM

SIDEWALKS

Number: K5062

Description

A project to design and construct improved pedestrian access along State roads. Annual Bond Redemption \$ \$15,750

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

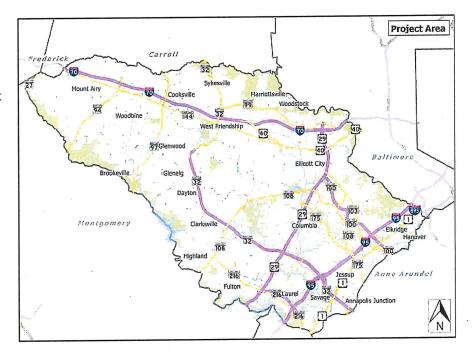
- 1. GRANT funds are State Retrofit Sidewalk Program available to complement County funds. The County must provide matching funds for each site.
- Request represents program advancement.
 Program is coordinated with SHA.

Project Schedule

Program

Operating Budget Impact

Estimated annual maintenance costs upon completion: No Change.



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

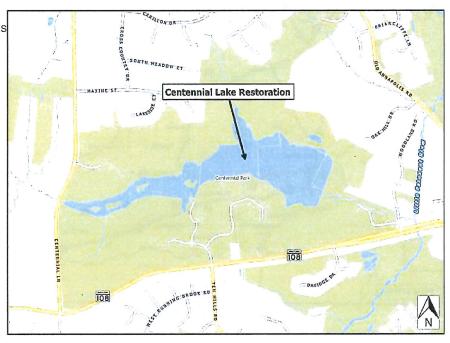
FY17-The Department will use the remaining portion of the existing funds to initiate an updated profile survey of the existing lake bottom to detemine the scope of work for the dredging project. Upon the completion of the survey, will then have current information to allow for the County to better determine 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	8
CONSTRUCTION	100	(100)	0	0	0	0	0	0	0	0	0	0	0	· ·
Total Expenditures	687	(600)	87	0	0	0	0	0	0	0	0	0	0	8
BONDS	21	0	21	0	0	0	0	0	0	0	0	0	0	2
PAY AS YOU GO	66	0	66	0	0	0	0	0	0	0	0	0	0	6
TRANSFER TAX	600	(600)	0	0	0	0	0	0	0	0	C	0	0	
Total Funding	687	(600)	87	0	0	0	0	0	0	0	0	0	0	8

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.

Project: N3965-FY2007 MIDDLE PATUXENT IMPROVEMENTS

PARKS PROJECTS

Version: Council Approved

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.

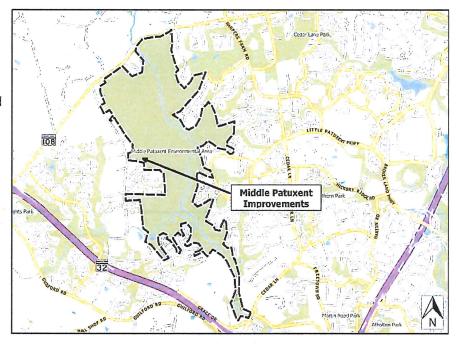
Project Schedule

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.



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
Total Expenditures	1,270	600	1,870	0	0	0	0	0	0	0	0	0	0	1,870
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
Total Funding	1,270	600	1,870	0	0	0	0	0	0	0	0	0	0	1,870

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.

FY 2017 Budget Amendments

Am#	Bill or Res. Number	Project #/ Department or Sponsor if not	Issue
		Admin	Personnel Legislation
1	CB 23	Pay Plan	1. Corrects two rates in the Corrections Management Schedule;
	05 23		2. Substitutes a revised PM Schedule that is in a different format; and
			3. Clarifies in one location that Step 11 is a one-year step.
1	CB 24	Council - GF	This amendment modifies the Pay Plan by deleting the District Aide class and
			adding the Executive Assistant II – Assistant to Council Administrator class.
1	CB 26	Chairperson	This amendment accommodates a change made by Council Bill 24- 2016.
2	CB 26	Council - GF	This amendment modifies the Classification Plan by deleting the District Aide class and modifying the Executive Assistant II class.
1	CB 27	Council - GF	This amendment modifies the Pay Plan section of the Code by deleting the
			District Aide position and indicating that the Council Administrator is the
			appointing authority for the Executive Assistant II, Assistant to the Council Administrator.
			Operating amendments
1	CB 28 p. 3	Ad valorem	Clarifies the use of ad valorem cash in the FY 2017 budget.
2	CB28	Council - JT	This amendment would control when disbursements may be made to the
			Association of Community Services for the nonprofit center.
3	CB28	Council - MKS	This amendment removes references to Phase II of Project T7107 for consistency with CR35-2016, the Bicycle Master Plan.
4	CB 28	HCPD	This amendment makes the following changes within the budget for the
	pp 13, 14		Department of Police:
			1. Moves \$175,000 for Telecomm Wireless from the Criminal Investigation
			Bureau to the Information & Technology Bureau; and
			2. Moves salary and benefits from Speed Cameras to Administration, all within
5	CD 20	DILP	the Special Operations Bureau.
)	CB 28 p. 27	DILP	Moves a position from the Enforcement Fund Center to the Plan Review Fund Center within the Department of Inspections, Licenses and Permits.
6	CB 28	Rec and Parks	This amendment adds funding in the amount of \$65,639 to the Department of
	pp. 28, 30,	& Non-	Recreation and Parks for a Recreation Services Coordinator II to oversee
	50	Departmental	Therapeutic and Inclusion Programs for the Howard County Autism Society.
		Expenses	Funding for this position is coming from Non-Departmental Expenses.
			Also related to Non-Departmental Expenses, this amendment transfers funding
			out of Non-Departmental Expenses in the amount of \$24,000. This funding is
			being added in Amendment 7 to the CSP program for the Local/Regional Arts
			Grants.
7	CB 28, p	Citizen	This amendment realigns salaries and benefits costs that were erroneously
	31-35 and	Services/CSP	allocated in the incorrect business areas within the Department of Community
	47, 48		Resources and Services. The realignment of general funds is cost neutral.
			Related to Community Service Partnerships, this amendment:
	{		1. Transfers operating expenses in the amount of \$1,300 for the Commission of
			Veterans and Military Families from Community Service Partnerships to the
			Department of Community Resources and Services for veterans and military
			services; and
			2. Increasing funding in the amount of \$24,000 to the Local/Regional Art

			Grants. (Funding is transferred from Non-Departmental Expenses in Amendment No. <u>6</u> .)
8	CB28	Council - GF	This amendment accommodates the amendments to Council Bills 24-2016, 25-2016, and 26-2016 regarding legislative branch employees and provides additional funding for Project E0980.
9	CB 28 pp 60-64, 150	DFRS	Increases the Master Lease component of Transfers Out within the Department of Fire and Rescue Services from \$673,012 to \$682,128.
10	CB 28 p.83	TIF Districts	Transfers \$10,000 in funding from the Merriweather TIF District to the Columbia Town Center TIF District. This is correcting an error.
11	CB28	Council - JT	This amendment eliminates certain operating and capital appropriations for Tax Increment Financing in FY2017.
12	CB 28 p. 87 and 88	County Admin	Increases the grant appropriation and revenues for the Office of Workforce Development by \$224,505 to account for three grants that were awarded at a higher amount than initially anticipated.
13	CB 28 p 109	Circuit Court	This amendment increases the grant appropriation and revenues for the Circuit Court by \$116,815 to account for two new grants. The additional grants are as follows: 1. A family law grant (\$54,918) to fund a new part-time position to assist with guardianship cases; and 2. A new security grant (\$63,560).
14	CB 28 p. 110	State's Atty	Increases grant appropriation and revenues for the State's Attorney Office by \$54,664 to account for a potential new grant to fund a new victim advocate position in the Domestic Violence Unit
15	CB 28 P 111	Sheriff	Increases the grant appropriation and revenues for the Sheriff's Office to account for a \$20,000 child support enforcement grant.
16	CB 28 pp 114, 115 and 165	Fleet Operations Fund	Amends the Fleet Fund in order to include charges and expenses from three new effort vehicles totaling \$155,348 and \$7,532 for one vehicle that was added immediately prior to prefile. Charges to internal agencies need to be increased from \$17,230,787 to \$17,393,667. Expenses need to be increased from \$18,734,598 to \$18,897,478.)
17	CB 28 p. 118, 166	Tech Fund	Moves \$575,000 from Equipment Maintenance to Transfers Out within the Department of Technology and Communication Services to account for transfers related to Broadband personnel.
18	CB 28 pp. 122, 123 and 168	Employee Benefits Fund	Corrects charges and expenses in the Employee Benefits Fund to match final chargebacks in agency budgets. Both revenues and expenditures need to increase by \$503,650.
19	CB 28 pp 128, 129, 160	Watershed Protection and Restoration Fund	This amendment increases appropriations and revenues in the Watershed Protection and Restoration Fund by \$117,000 to reflect additional funds to be transferred to finance capital projects. The transfer to capital expense line item needs to be increased by \$117,000 from \$6,600,000 to \$6,717,000. The financing source, appropriation from fund balance, needs to be increased by \$117,000 from \$0 to \$117,000.
20	CB 28 p. 135, 162	HC County Govt BBI	Moves \$240,922 from Other Contractual Services to Supplies & Materials within the Department of Technology and Communication Services.
21	CB 28 p. 137	Private Sector BBI	Moves \$132,831 from Other Contractual Services to Salary & Benefits within the Department of Technology and Communication Services to show correct allocation of personnel costs.
22	CB 28 p. 144	Rec and Parks Fund	Moves \$280,000 from Charges For Services to Transfers in the Recreation and Parks Governmental Fund.

23	CB 28 p. 167	Risk Mgt Fund	Corrects the amount that the County charges for workers compensation. The amount is understated by \$81,866. County charges need to be increased from \$9,488,420 to 9,570,286.
100 25 30			Capital amendments
24	CB 28	C0309 and C0352	Creating a new capital project titled Site Acquisition for School Sites and Elevated Water Storage Facilities. Transfer will be as follows: C0309 Land Acquisition Contingency Reserve - 2,500,000 (O) C0309 Land Acquisition Contingency Reserve - 8,250,000 (B) New Capital project: C0352-FY2017 Site Acquisition for School Sites+ 2,500,000 (O) and Elevated Water Storage Facilities + 5,000,000 (M) + 8,250,000 (B)
		Master lease	Changes revenue sources for the following projects from O to L: C0311-Public Safety Radio Systems (\$10,400,000) C0317-Systemic Facility Improvements (\$15,000,000) (for prior appropriation) C0322-Central Fleet Systemic Improvements and Fuel System (\$1,000,000)
		Multiple projects	C0331 Ellicott City Parking Lot Improvements - 800,000 (R) D1158 Watershed Management Construction + 800,000 (R) H2014 Road Resurfacing Pgm + 2,000,000 (P) J4182 Dorsey Run Road Improvements - 505,000 (X) - 995,000 (E) J4212 State Road Construction - 7,500,000 (X) N3953 Centennial Lake Restoration - 600,000 (T) N3965 Middle Patuxent Improvements + 600,000 (T)
		Education projects	Project text/map changes: K5062, C0287, C0309, C0311, C0317, C0322, C0331, N3953, N3965 E1028 New Elem School #42
			Other legislation:
1	CB 29	Bond enabling (general county)	1. C0352 Adds \$8,250,000 in Bond funding. 2. E1028 Subtracts \$3,145,000 in Bond funding; and 3. E0973 Subtracts \$1,589,000 in Bond funding.
1	CB 30	Bond enabling (Metro district)	Corrects the description of Capital Project C0311, Public Safety Radio System. C0352 Adds \$5,000,000
1	CB 31	Bond enabling (excise tax)	J4182-Subtracts \$505,000 in Excise Tax Backed Bond Funding; and J4212 -Subtracts \$7,500,000 in Excise Tax Backed
1	CB 33	Bond enabling (master lease)	Corrects terminology
1	CR 57	Various Capital Projects	Makes changes in future years to mirror capital budget amendments.
2	CR 57	Council - MKS	This amendment removes references to Excise Tax Backed Bonds in the road construction projects and traffic improvement categories from the Capital Program for Fiscal Years 2018 and thereafter.

1	CR 60	BOE FY16	Fixes two type-os and corrects category names.
		Operating	
		Transfer	
1	CR 63	Council –	This amendment changes the fees at the Little Patuxent Water Reclamation Plant
		GF&MKS	for Holding Tank Waste, Septage Waste, and Grease Traps.
1	CR 72	Council - GF	This amendment would increase the Building Excise Tax to the maximum
			allowable for Residential Construction while exempting a portion of the
			"Residential addition construction" not associated with adding a new bedroom.

Feldmark, Jessica

From:

Sager, Jennifer

Sent:

Friday, May 27, 2016 2:57 PM

To:

Feldmark, Jessica

Cc:

Kuc, Gary

Subject:

Am 4 to CB28

Per our discussion regarding Am 4 to CB 28, the text on page 15 is redundant to text included in substitute page 14 and the redundancy is due to reformatting as part of preparing the budget amendment. Page 15 is intended to be "intentionally left blank".

