

Approved Capital Budget and Program Fiscal Year 2016

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FY2016 Approved Capital Budget and Program

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CAPITAL BUDGET APPENDIX

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FY 2016 Debt Affordability

	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>
New Authority, Normal	\$145,000,000	\$145,000,000	\$145,000,000	\$145,000,000	\$145,000,000	\$145,000,000
Not used in prior year	\$18,822,500					
New Authority, IPA's		\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000
Total New Authority Affordable	\$163,822,500	\$148,000,000	\$148,000,000	\$148,000,000	\$148,000,000	\$148,000,000

Affordability Ratios and Guidelines

Debt Service as % of Revenue	10.0%	9.1%	9.7%	9.7%	9.9%	9.9%	10.0%
Debt as % of Full Value	1.50%	1.33%	1.39%	1.42%	1.44%	1.45%	1.46%
Debt as % of Personal Income	3.0%	2.8%	2.9%	2.9%	2.9%	2.9%	2.9%
Debt per Capita	\$3,000	\$1,878	\$2,002	\$2,091	\$2,175	\$2,257	\$2,333

Debt Service	\$123,807,431	\$136,216,307	\$140,908,644	\$147,419,484	\$152,124,699	\$159,492,813
Debt at end of fiscal year	\$1,068,286,397	\$1,146,241,271	\$1,204,108,114	\$1,259,785,253	\$1,315,328,789	\$1,368,031,286
General Fund Revenues	\$1,364,494,000	\$1,402,299,200	\$1,446,316,300	\$1,491,785,500	\$1,538,756,700	\$1,587,281,700
Estimated Full Value (000)	\$80,524,671	\$82,242,467	\$84,710,000	\$87,675,000	\$90,744,000	\$93,920,000
Total Personal Income (000)	\$37,941,000	\$39,648,000	\$41,432,000	\$43,296,000	\$45,244,000	\$47,280,000
Population	568,993	572,407	575,841	579,296	582,772	586,269

**BONDS & PAYGO AFFORDABILITY
COMPARED WITH
USE OF BONDS & PAYGO IN APPROVED BUDGET**

Bonds Affordability

	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>
New Authority, Normal Not Used in Prior Year	145,000,000	145,000,000	145,000,000	145,000,000	145,000,000	145,000,000
Adjusted Affordability	18,822,500					
	<hr/>					
Adjusted Affordability	163,822,500	145,000,000	145,000,000	145,000,000	145,000,000	145,000,000
Use of New Bond Authority	146,175,756	124,139,000	150,711,000	133,831,000	126,782,000	112,878,000

PayGo Affordability

Recurring Revenues for PayGo	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
"One-Time" Revenue	10,000,000	5,000,000	0			
Bond Premium	31,739,000	15,000,000	5,000,000			
Adjusted Affordability	<hr/>					
Adjusted Affordability	51,739,000	30,000,000	15,000,000	10,000,000	10,000,000	10,000,000
Use of PayGo (including Bond Premium)	47,122,000	29,960,000	14,610,000	9,610,000	9,610,000	9,610,000

Bonds & PayGo Affordability (Combined)

Bonds & PayGo Affordability	215,561,500	175,000,000	160,000,000	155,000,000	155,000,000	155,000,000
Use of Bonds & PayGo (incl. Bond Prem.)	193,297,756	154,099,000	165,321,000	143,441,000	136,392,000	122,488,000
Amount Over (Under) Affordability	<hr/> (22,263,744)	(20,901,000)	5,321,000	(11,559,000)	(18,608,000)	(32,512,000)
Cumulative:	(43,164,744)	(37,843,744)	(49,402,744)	(68,010,744)	(100,522,744)	

Budget Highlights
Capital Budget and Program

FY2016 Council Approved

Significant Capital Projects

The presentation above shows that the FY2016 budget provides \$281,550,008 in appropriation authority for General County Capital Projects. This amount of appropriation authority is distributed among a total of 171 capital projects. The "80-20 Rule" (whereby 80% of the whole can be explained by just 20% of the detail) again applies to the Capital Budget this year. That is, just 18 capital projects (10.5% of the 171 projects) account for \$224,185,400, or 79.6%, of the FY2016 Capital Budget appropriation.

The table in the opposite column lists these 18 capital projects and sorts them into two categories: those that are of a recurring nature, and those that are not. The recurring projects represent major initiatives to renovate and rehabilitate existing infrastructure. This investment will not only improve the quality of life in Anne Arundel County but should also have a positive impact on the operating budget in that facilities that are beyond their useful life tend to require more maintenance. Give the maintenance backlogs in virtually all of these major infrastructure categories (e.g., schools, roads, county buildings, etc.) this positive impact is not likely to result in operating budget reductions but rather in improved service delivery.

Virtually all of the non-recurring projects are similar to the recurring projects in that they represent the renovation, rehabilitation or replacement of existing infrastructure. A brief description of these major capital projects is shown on the following pages. More detail regarding these and all the other capital projects can be found in the Capital Budget and Program, which is an integral part of the County's Comprehensive Budget.

Major Capital Projects	
Capital Project	FY2016 Amount
Building Systems Renov	\$20,000,000
Road Resurfacing	\$14,100,000
All Day K & Pre K	\$11,000,000
Road Reconstruction	\$10,700,000
Information Technology Enh	\$8,981,400
Open Space Classrm Encl	\$5,000,000
Maintenance Backlog	\$5,000,000
Bd of Education Overhead	\$4,000,000
Septic System Enhancements	\$2,900,000
Recurring Subtotal	\$81,681,400
Severna Park HS	\$48,471,000
Odenton MARC TOD Dev	\$19,100,000
Rolling Knolls ES	\$15,032,000
Public System Radio Sys Upg	\$15,000,000
Benfield ES	\$14,563,000
Annapolis Community Library	\$9,836,000
West Annapolis ES	\$9,746,000
Fiber Network	\$8,000,000
High Point ES	\$2,756,000
Non-Recurring Subtotal	\$142,504,000
Total	\$224,185,400

Budget Highlights

Capital Budget and Program

FY2016 Council Approved

Severna Park HS (total cost estimate: \$134.2 million)

This project provides for the replacement of Severna Park HS. The current school facility was originally constructed in 1959 with additions and renovations in 1973 and a cafeteria addition in 1982. The existing building is not configured to support the current and future educational program.

Although this project provides additional capacity, the impact on the operating budget is not expected to be significant; it is anticipated that the impact on the operating budget could be \$100,000 to \$500,000 per year.

Highpoint ES (total cost estimate: \$40.5 million) This project provides a modernization for Highpoint ES. The current school facility was originally constructed in 1975. The existing building is not configured to support the current and future educational program. Although this project provides additional capacity, the impact on the operating budget is not expected to be significant; it is anticipated that the impact on the operating budget could be \$100,000 to \$500,000 per year.

Jessup ES (total cost estimate: \$39.9 million)

This project provides for the replacement of Jessup ES. This facility was originally constructed in 1955 with additions in 1975 and 1997. The existing building is not configured to support the current and future educational program. Although this project provides additional capacity, the impact on the operating budget is not expected to be significant; it is anticipated that the impact on the operating budget could be \$100,000 to \$500,000 per year.

Benfield ES (total cost estimate: \$37.6 million)

This project will provide a modernization of and an addition to Benfield ES. The existing building is not configured to support the current and future educational program. This school was constructed in 1962. Although this project provides additional capacity, the impact on the operating budget is not expected to be significant; it is anticipated that the impact on the operating budget could be \$100,000 to \$500,000 per year.

Rolling Knolls ES (total cost estimate: \$36.6 million)

The project provides for the replacement of Rolling Knolls ES. The current school facility was originally constructed in 1963. The existing building is not configured to support the current and future educational program.

Although this project provides additional capacity, the impact on the

operating budget is not expected to be significant; it is anticipated that the impact on the operating budget could be \$100,000 to \$500,000 per year.

Public Safety Radio Sys Upg (total cost estimate: \$30.5 million)

The Radio System Infrastructure maintenance and support will be at the end of its service life in FY16. Parts and service will not be available for the County system which is critical for Public Safety. The original system installation was in 2001 and has served the County well for 15 years. The impact on the operating budget is indeterminate at this time.

Annapolis Community Library (total cost estimate: \$24.2 million)

This project includes funding for the design and construction of a new building to replace the existing library site on West Street in Annapolis. Although this project provides additional capacity, the impact on the operating budget is not expected to be significant; it is anticipated that the impact on the operating budget could be \$100,000 to \$500,000 per year.

West Annapolis ES (total cost estimate: \$23.9 million)

This project provides a modernization of and an addition to West Annapolis ES. The current facility was originally constructed in 1939 with additions in 1956 and 1984. The existing building is not configured to support the current and future educational program. Although this project provides additional capacity, the impact on the operating budget is not expected to be significant; it is anticipated that the impact on the operating budget could be \$100,000 to \$500,000 per year.

Odenton MARC TOD Dev Ph 1 & 2A (total cost estimate: \$19.1 million)

This Project is to design and construct a parking structure located adjacent to the Odenton MARC Rail Station. The impact on the operating budget is indeterminate at this time.

Fiber Network (total cost estimate: \$8 million)

This project provides funding to connect the remaining 42 schools to the Anne Arundel County Fiber Network. Anne Arundel County operates a fiber optic broadband network delivering high speed data services to over 220 locations in the County. The impact on the operating budget is indeterminate at this time.

Budget Highlights

Capital Budget and Program

FY2016 Council Approved

Life Long Learning

Board of Education

- Funds recurring projects totaling \$30.7 million in FY2016
 - Systemic Replacements
 - Student Safety
 - School Furniture Replacement
 - School Bus Replacement
 - Driveway and Parking Lots
 - Roof Replacement
 - Additions
 - Athletic Stadium Improvements
- Provides funding of \$24.8 million in FY2016 for the completion of the following schools with total project costs in excess of \$60.6 million:
 - Rolling Knolls ES (\$15,032,000)
 - West Annapolis ES (\$9,746,000)
- Provides construction funding of \$63 million for the following projects in FY2016 with total project costs of nearly \$171.8 million:
 - Benfield ES (\$14,563,000)
 - Severna Park HS (\$48,471,000)
- FY2016 Budget provides design funding for Manor View ES (\$2.3m), High Point ES (\$2.8m), Jessup ES (\$2.8m) and Arnold ES (\$2.6m). Construction funding provided in the program.
- All Day K and Pre K (\$11 million), Open Space Classroom Enclosures (\$5 million), Relocatable Classrooms (\$1.2m), Maintenance Backlog (\$5m), Auditorium Seating (\$400k) and School Playgrounds (\$300k).

Community College

- Provides funding (\$84.8m) in the program for the renovation and addition to the Health Professions Renovation and Addition.
- Provides funding of \$1m for renovations to the modular facility in FY2016.
- Funding is included for Campus Improvements (\$700k), Walkways, Roads and Parking Lots (\$750k) and Systemics (\$2.5m).

Library

- Provides \$546k for Library Renovations.
- Provides construction funding of \$9.8m for the replacement of the Annapolis Community Library in FY2016 with total project cost of \$24.2m.
- Provides \$119k in planning funding in FY2016 for the Riviera Beach Community Library. Construction funding provided in the program.

Budget Highlights

Capital Budget and Program

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Public Safety

Fire

- Provides funding for the renovations/additions to South Glen Burnie Fire Station (\$954k) and Harmans/Dorsey Fire Station (\$1m) in FY2016.
- Provides design funding (\$530K) for Galesville with construction funding in the program
- Funding provided in the program for the renovation, replacement or relocation of the following fire stations: Jacobsville and Herald Harbor.

Police

- FY2016 Budget provides funding (\$698k) to design the Police Training Academy with construction funding (\$10m) provided in FY2017.
- Provides \$856k in funding to purchase adjoining property to the Police Academy in Davidsonville.

Detention Facilities

- Funding (\$1m) provided in FY2016 to design Centralized Booking at Jennifer Road Detention Center. In addition, funding (\$4.7m) is provided in the program for construction.

General County

- Planning funding for a new Crofton High School.
- Provides \$9m in funding for Information Technology Enhancements.

General County (continued)

- Continues to provide funding for the County to promote the program to subsidize water treatment systems on approved properties and for lab testing and other services to evaluate groundwater quality
- Continues to provide funding for the Failed Sewage & Private Well program that provides for laboratory, outreach and other services required to assess public health issues related to private wells, septic systems, water treatment systems, and recreational water quality.
- Increased funding to fund the efforts to improve roads in the County.
- Funds the dredging of Rockhold, Pocahontas, Marley and Church Creeks to restore recreational boating to the community with the assistance of Maryland Waterway Improvement Funds.
- Funding provided to construct a single lane boat ramp in FY2016 along with funding in the program to construct one a year.
- Planning money provided for the development of Millersville Park.
- Funds to provide water access facilities for kayaks and canoes.
- Funding provided for continued trail development on the South Shore Trail, WB & A Trail and the Broadneck Peninsula Trail.
- Funding for the South River Regional Parks Master Plan is included in FY2016.
- Provides funding in the program for the development of a West County Park at the Dairy Farm.
- Continue to acquire land through the Greenways, Parkland and Open Space Project to include the preservation of the County's natural resources and the provision of recreation areas for County citizens.

Project Class Summary

Council Approved

Project Class	Total	Prior	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021
General County	\$458,220,288	\$289,209,888	\$52,623,400	\$26,247,000	\$22,535,000	\$22,535,000	\$22,535,000	\$22,535,000
Fire & Police	\$97,500,570	\$29,293,570	\$20,896,000	\$29,315,000	\$5,145,000	\$6,490,000	\$5,711,000	\$650,000
Recreation & Parks	\$186,572,506	\$88,540,506	\$9,628,000	\$21,598,000	\$11,209,000	\$15,787,000	\$22,576,000	\$17,234,000
Roads & Bridges	\$345,520,451	\$146,830,451	\$34,858,000	\$34,639,000	\$40,184,000	\$29,013,000	\$32,096,000	\$27,900,000
Traffic Control	\$27,248,976	\$9,635,976	\$3,024,000	\$3,149,000	\$2,860,000	\$2,860,000	\$2,860,000	\$2,860,000
Dredging	\$29,289,315	\$18,159,979	\$4,904,336	\$1,200,000	\$1,425,000	\$1,200,000	\$1,200,000	\$1,200,000
Water Quality Improvements	\$26,503,291	\$26,641,291	(\$138,000)	\$0	\$0	\$0	\$0	\$0
Stormwater Runoff Controls	\$14,311,761	\$13,739,761	\$572,000	\$0	\$0	\$0	\$0	\$0
School Off-Site	\$2,107,977	\$607,977	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
Board of Education	\$1,427,477,198	\$857,041,926	\$139,979,272	\$80,911,000	\$116,161,000	\$90,022,000	\$63,315,000	\$80,047,000
Community College	\$142,266,000	\$45,505,000	\$4,930,000	\$10,031,000	\$29,700,000	\$24,700,000	\$26,700,000	\$700,000
Library	\$43,913,424	\$5,336,424	\$10,023,000	\$19,687,000	\$7,817,000	\$350,000	\$350,000	\$350,000
Sub-Tota General County	\$2,800,931,758	\$1,530,542,750	\$281,550,008	\$227,027,000	\$237,286,000	\$193,207,000	\$177,593,000	\$153,726,000
Waste Management	\$101,288,266	\$48,555,266	\$23,108,000	\$1,440,000	\$1,440,000	\$23,865,000	\$1,440,000	\$1,440,000
Sub-Tota Solid Waste	\$101,288,266	\$48,555,266	\$23,108,000	\$1,440,000	\$1,440,000	\$23,865,000	\$1,440,000	\$1,440,000
Wastewater	\$920,476,459	\$788,746,759	\$25,316,700	\$34,310,000	\$18,403,000	\$17,900,000	\$17,900,000	\$17,900,000
Water	\$502,045,976	\$371,710,976	(\$803,000)	\$44,619,000	\$37,222,000	\$26,355,000	\$12,528,000	\$10,414,000
Sub-Tota Utility	\$1,422,522,435	\$1,160,457,735	\$24,513,700	\$78,929,000	\$55,625,000	\$44,255,000	\$30,428,000	\$28,314,000
Watershed Protection & Restor.	\$615,340,900	\$155,584,100	\$76,852,100	\$75,815,400	\$75,750,500	\$76,673,000	\$80,189,200	\$74,476,600
Sub-Tota Watershed Protection	\$615,340,900	\$155,584,100	\$76,852,100	\$75,815,400	\$75,750,500	\$76,673,000	\$80,189,200	\$74,476,600
Grand-Total	\$4,940,083,359	\$2,895,139,851	\$406,023,808	\$383,211,400	\$370,101,500	\$338,000,000	\$289,650,200	\$257,956,600

Funding Source Summary

Council Approved

Project	Project Title	Total	Prior	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021
General County									
Bonds									
	General County Bonds	\$1,562,298,896	\$767,782,140	\$146,175,756	\$124,139,000	\$150,711,000	\$133,831,000	\$126,782,000	\$112,878,000
	IPA Bonds	\$34,107,000	\$19,107,000	\$0	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000
	WPRF Bonds	\$8,732,000	\$6,203,000	\$910,000	\$361,000	\$361,000	\$361,000	\$361,000	\$175,000
	Hwy Impact Fee Bonds Dist 1	\$60,000	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0
	Hwy Impact Fee Bonds Dist 2	\$248,000	\$248,000	\$0	\$0	\$0	\$0	\$0	\$0
	Hwy Impact Fee Bonds Dist 3	\$1,296,000	\$1,296,000	\$0	\$0	\$0	\$0	\$0	\$0
	Hwy Impact Fee Bonds Dist 4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Hwy Impact Fee Bonds Dist 5	\$206,000	\$206,000	\$0	\$0	\$0	\$0	\$0	\$0
	Hwy Impact Fee Bonds Dist 6	\$13,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$0
	Public Safety Impact Fee Bonds	\$220,000	\$220,000	\$0	\$0	\$0	\$0	\$0	\$0
	ED Impact Fee Bonds Dist 1	\$79,000	\$79,000	\$0	\$0	\$0	\$0	\$0	\$0
	ED Impact Fee Bonds Dist 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	ED Impact Fee Bonds Dist 3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	ED Impact Fee Bonds Dist 4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	ED Impact Fee Bonds Dist 5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	ED Impact Fee Bonds Dist 6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Bonds	\$1,607,259,896	\$795,214,140	\$147,085,756	\$127,500,000	\$154,072,000	\$137,192,000	\$130,143,000	\$116,053,000
	PayGo								
	General Fund PayGo	\$178,504,390	\$109,721,390	\$15,383,000	\$14,960,000	\$9,610,000	\$9,610,000	\$9,610,000	\$9,610,000
	Bd of Ed PayGo	\$1,511,700	\$1,511,700	\$0	\$0	\$0	\$0	\$0	\$0
	Community College Pay Go	\$1,957,000	\$1,957,000	\$0	\$0	\$0	\$0	\$0	\$0
	PayGo	\$181,973,090	\$113,190,090	\$15,383,000	\$14,960,000	\$9,610,000	\$9,610,000	\$9,610,000	\$9,610,000
	Impact Fees								
	Hwy Impact Fees Dist 1	\$24,708,000	\$11,236,000	\$1,472,000	\$0	\$9,000,000	\$0	\$3,000,000	\$0
	Hwy Impact Fees Dist 2	\$11,285,000	\$3,451,000	\$2,127,000	\$3,925,000	\$1,782,000	\$0	\$0	\$0
	Hwy Impact Fees Dist 3	\$4,612,750	\$4,612,750	\$0	\$0	\$0	\$0	\$0	\$0
	Hwy Impact Fees Dist 4	\$11,769,000	\$11,896,000	(\$127,000)	\$0	\$0	\$0	\$0	\$0
	Hwy Impact Fees Dist 5	\$5,121,000	\$4,151,000	\$970,000	\$0	\$0	\$0	\$0	\$0
	Hwy Impact Fees Dist 6	\$1,905,000	\$0	\$1,905,000	\$0	\$0	\$0	\$0	\$0
	Impact Fees - Ed	\$343,600	\$343,600	\$0	\$0	\$0	\$0	\$0	\$0
	Ed Impact Fees Dist 1	\$20,891,500	\$13,739,500	\$72,000	\$4,580,000	\$2,000,000	\$500,000	\$0	\$0
	Ed Impact Fees Dist 2	\$7,410,600	\$4,942,600	\$468,000	\$200,000	\$0	\$1,000,000	\$600,000	\$200,000
	Ed Impact Fees Dist 3	\$13,543,300	\$7,291,300	\$2,352,000	\$2,500,000	\$1,000,000	\$400,000	\$0	\$0
	Ed Impact Fees Dist 4	\$452,800	\$152,800	\$300,000	\$0	\$0	\$0	\$0	\$0
	Ed Impact Fees Dist 5	\$4,680,700	\$1,980,700	\$1,000,000	\$200,000	\$0	\$1,000,000	\$500,000	\$0

Funding Source Summary

Council Approved

<i>Project</i>	<i>Project Title</i>	<i>Total</i>	<i>Prior</i>	<i>FY2016</i>	<i>FY2017</i>	<i>FY2018</i>	<i>FY2019</i>	<i>FY2020</i>	<i>FY2021</i>
	Ed Impact Fees Dist 6	\$8,977,800	\$7,133,000	\$1,844,800	\$0	\$0	\$0	\$0	\$0
	Ed Impact Fees Dist 7	\$197,500	\$197,500	\$0	\$0	\$0	\$0	\$0	\$0
	Public Safety Impact Fees	\$4,030,000	\$1,730,000	\$1,000,000	\$600,000	\$300,000	\$200,000	\$200,000	\$0
	Impact Fees	\$119,928,550	\$72,857,750	\$13,383,800	\$12,005,000	\$14,082,000	\$3,100,000	\$4,300,000	\$200,000
	Grants & Aid								
	Federal Aviation Auth	\$133,369	\$133,369	\$0	\$0	\$0	\$0	\$0	\$0
	Fed Bridge Repair Prgm	\$9,260,000	\$5,040,000	\$1,013,000	\$1,665,000	\$709,000	\$833,000	\$0	\$0
	Other Fed Grants	\$26,036,763	\$19,241,763	\$432,000	\$4,720,000	\$0	\$0	\$1,643,000	\$0
	POS - Acquisition	\$20,869,770	\$13,857,770	\$1,012,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000
	POS - Development	\$30,022,929	\$22,093,929	\$1,173,000	\$800,000	\$796,000	\$3,102,000	\$800,000	\$1,258,000
	MDE Erosion & Water Qlty	\$1,124,732	\$1,124,732	\$0	\$0	\$0	\$0	\$0	\$0
	MD Waterway Improvement	\$7,521,426	\$5,730,090	\$1,791,336	\$0	\$0	\$0	\$0	\$0
	Maryland Higher Education	\$49,017,000	\$11,602,000	\$0	\$3,415,000	\$14,000,000	\$12,000,000	\$8,000,000	\$0
	Inter-Agency Committee	\$348,882,373	\$208,008,701	\$36,906,672	\$34,938,000	\$25,152,000	\$16,305,000	\$12,032,000	\$15,540,000
	Other State Grants	\$88,947,099	\$46,527,099	\$15,470,000	\$5,390,000	\$5,390,000	\$5,390,000	\$5,390,000	\$5,390,000
	Grants & Aid	\$581,815,461	\$333,359,453	\$57,798,008	\$52,128,000	\$47,247,000	\$38,830,000	\$29,065,000	\$23,388,000
	Other								
	Developer Contribution	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0
	Developer Contribution	\$19,099,266	\$9,949,266	\$1,525,000	\$1,525,000	\$1,525,000	\$1,525,000	\$1,525,000	\$1,525,000
	Other Funding Sources	\$7,605,455	\$6,545,455	\$101,000	\$959,000	\$0	\$0	\$0	\$0
	Forfeiture	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Miscellaneous	\$34,874,312	\$13,589,868	\$12,734,444	\$1,150,000	\$3,950,000	\$1,150,000	\$1,150,000	\$1,150,000
	Project Reimbursement	\$750,000	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0
	City of Annapolis	\$260,000	\$260,000	\$0	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$96,520,000	\$44,781,000	\$31,739,000	\$15,000,000	\$5,000,000	\$0	\$0	\$0
	Special Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Cable Fees	\$25,840,000	\$15,040,000	\$1,800,000	\$1,800,000	\$1,800,000	\$1,800,000	\$1,800,000	\$1,800,000
	Arundel Gateway Tax Dist	\$25,000,000	\$25,000,000	\$0	\$0	\$0	\$0	\$0	\$0
	Two Rivers Spec Tax Dist	\$30,000,000	\$30,000,000	\$0	\$0	\$0	\$0	\$0	\$0
	Natl. Bus Park Tax Dist	\$728	\$728	\$0	\$0	\$0	\$0	\$0	\$0
	Natl Bus Park North	\$30,000,000	\$30,000,000	\$0	\$0	\$0	\$0	\$0	\$0
	Village South Waugh Chapel	\$16,000,000	\$16,000,000	\$0	\$0	\$0	\$0	\$0	\$0
	Cedar Hill Tax Dist	\$24,000,000	\$24,000,000	\$0	\$0	\$0	\$0	\$0	\$0
	Other	\$309,954,761	\$215,921,317	\$47,899,444	\$20,434,000	\$12,275,000	\$4,475,000	\$4,475,000	\$4,475,000
	General County	2,800,931,758	1,530,542,750	281,550,008	227,027,000	237,286,000	193,207,000	177,593,000	153,726,000

Funding Source Summary

Council Approved

<i>Project</i>	<i>Project Title</i>	<i>Total</i>	<i>Prior</i>	<i>FY2016</i>	<i>FY2017</i>	<i>FY2018</i>	<i>FY2019</i>	<i>FY2020</i>	<i>FY2021</i>
<i>Solid Waste</i>									
Bonds									
	Solid Waste Bonds	\$72,693,481	\$41,530,481	\$4,313,000	\$885,000	\$885,000	\$23,310,000	\$885,000	\$885,000
	Bonds	\$72,693,481	\$41,530,481	\$4,313,000	\$885,000	\$885,000	\$23,310,000	\$885,000	\$885,000
PayGo									
	Solid Wst Mgmt PayGo	\$8,763,785	\$5,333,785	\$655,000	\$555,000	\$555,000	\$555,000	\$555,000	\$555,000
	SW Financial Assurance PayGo	\$17,135,000	\$941,000	\$16,194,000	\$0	\$0	\$0	\$0	\$0
	PayGo	\$25,898,785	\$6,274,785	\$16,849,000	\$555,000	\$555,000	\$555,000	\$555,000	\$555,000
Grants & Aid									
	Other Fed Grants	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Grants & Aid	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other									
	Project Reimbursement	\$750,000	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$1,946,000	\$0	\$1,946,000	\$0	\$0	\$0	\$0	\$0
	Other	\$2,696,000	\$750,000	\$1,946,000	\$0	\$0	\$0	\$0	\$0
	<i>Solid Waste</i>	\$101,288,266	\$48,555,266	\$23,108,000	\$1,440,000	\$1,440,000	\$23,865,000	\$1,440,000	\$1,440,000

Funding Source Summary

Council Approved

<i>Project</i>	<i>Project Title</i>	<i>Total</i>	<i>Prior</i>	<i>FY2016</i>	<i>FY2017</i>	<i>FY2018</i>	<i>FY2019</i>	<i>FY2020</i>	<i>FY2021</i>
Utility									
Bonds									
	General County Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Water Bonds	\$429,863,808	\$329,485,048	(\$2,979,240)	\$38,896,000	\$31,499,000	\$21,467,000	\$6,805,000	\$4,691,000
	WasteWater Bonds	\$684,469,764	\$587,672,019	\$17,798,745	\$27,799,000	\$12,800,000	\$12,800,000	\$12,800,000	\$12,800,000
	Bonds	\$1,114,333,571	\$917,157,066	\$14,819,505	\$66,695,000	\$44,299,000	\$34,267,000	\$19,605,000	\$17,491,000
PayGo									
	WasteWater PayGo	\$77,524,312	\$58,553,312	(\$4,443,000)	\$5,711,000	\$4,803,000	\$4,300,000	\$4,300,000	\$4,300,000
	Water PayGo	\$64,647,109	\$36,723,109	(\$3,856,000)	\$6,523,000	\$6,523,000	\$5,688,000	\$6,523,000	\$6,523,000
	PayGo	\$142,171,421	\$95,276,421	(\$8,299,000)	\$12,234,000	\$11,326,000	\$9,988,000	\$10,823,000	\$10,823,000
Grants & Aid									
	Other Fed Grants	\$1,078,240	\$1,347,000	(\$268,760)	\$0	\$0	\$0	\$0	\$0
	Other State Grants	\$134,299,950	\$131,960,995	\$2,338,955	\$0	\$0	\$0	\$0	\$0
	Grants & Aid	\$135,378,190	\$133,307,995	\$2,070,195	\$0	\$0	\$0	\$0	\$0
Other									
	Developer Contribution	\$430,000	\$430,000	\$0	\$0	\$0	\$0	\$0	\$0
	Developer Contribution	\$3,250,253	\$3,250,253	\$0	\$0	\$0	\$0	\$0	\$0
	Other Funding Sources	\$3,054,000	\$1,377,000	\$1,677,000	\$0	\$0	\$0	\$0	\$0
	Miscellaneous	\$450,000	\$0	\$450,000	\$0	\$0	\$0	\$0	\$0
	Project Reimbursement	\$4,000,000	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$19,455,000	\$5,659,000	\$13,796,000	\$0	\$0	\$0	\$0	\$0
	User Connections	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Special Tax Districts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Other	\$30,639,253	\$14,716,253	\$15,923,000	\$0	\$0	\$0	\$0	\$0
	Utility	\$1,422,522,435	\$1,160,457,735	\$24,513,700	\$78,929,000	\$55,625,000	\$44,255,000	\$30,428,000	\$28,314,000
Watershed Protection									
Bonds									
	WPRF Bonds	\$607,414,900	\$152,984,100	\$71,526,100	\$75,815,400	\$75,750,500	\$76,673,000	\$80,189,200	\$74,476,600
	Bonds	\$607,414,900	\$152,984,100	\$71,526,100	\$75,815,400	\$75,750,500	\$76,673,000	\$80,189,200	\$74,476,600
Other									
	Miscellaneous	\$15,000	\$0	\$15,000	\$0	\$0	\$0	\$0	\$0
	Project Reimbursement	\$2,600,000	\$2,600,000	\$0	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$5,311,000	\$0	\$5,311,000	\$0	\$0	\$0	\$0	\$0
	Other	\$7,926,000	\$2,600,000	\$5,326,000	\$0	\$0	\$0	\$0	\$0
	Watershed Protection	\$615,340,900	\$155,584,100	\$76,852,100	\$75,815,400	\$75,750,500	\$76,673,000	\$80,189,200	\$74,476,600

Funding Source Summary

Council Approved

<i>Project</i>	<i>Project Title</i>	<i>Total</i>	<i>Prior</i>	<i>FY2016</i>	<i>FY2017</i>	<i>FY2018</i>	<i>FY2019</i>	<i>FY2020</i>	<i>FY2021</i>
	<i>Grand-Total:</i>	\$4,940,083,359	2,895,139,851	406,023,808	383,211,400	370,101,500	338,000,000	289,650,200	257,956,600

EXPLANATION OF SIGNIFICANT CAPITAL BUDGET ITEMS AND TERMS

PROJECT TITLE - Project titles are developed to afford identification by geographic reference or the nature of the work to be performed.

PROJECT NUMBER - All projects for which the county has expenditure accountability are assigned project numbers. All projects are assigned a seven character alphanumeric indicator which includes a single alpha character identifying the project class, followed by a four digit project identification number, followed by a two digit contract number. For the purposes of budgeting, the two digit job number is always "00". The alpha prefixes are as follows:

C - General County	H - Roads and Bridges	C - School Off Site	N - Solid Waste
F - Fire & Police	H - Traffic Control	E - Board of Education	S - Wastewater (also X, Y & Z)
P - Recreation & Parks	Q - Dredging	J - Community College	W - Water (also X, Y & Z)
	Q – Water Quality Improvements	L – Libraries	B – Watershed Protection and Restoration
	Q – Stormwater Runoff Controls		
	Q – Special Taxing Districts		

PROJECT DESCRIPTION - This is a general description of the proposed improvement including the scope of work and purpose of the project. Other useful information is also provided such as project status, financial activity, the estimated impact of the project on the operating budget, changes from prior year, amendment history, and where applicable a vicinity map identifying the general location of the project.

FUNDING TABLE - Below the project description is a funding table. The top half represents information pertaining to the various phases associated with capital projects. The standard phases used include:

- Plans and Engineering – “soft” costs related to studies and design activities.
- Land – costs related to appraisals and/or the acquisition of land or the right to use it.
- Construction – “hard” costs related to performing the actual construction work associated with a particular project.
- Overhead – a charge assessed to capital projects to cover the indirect costs of general county support services such as purchasing, personnel, law, budget and finance, etc.
- Furn., Fixtures and Equip. – costs for furniture, fixtures and equipment associated with the scope of the project.
- Other – other costs associated with the scope of the project but which do not fit any of the above categories. For instance, county contributions to larger projects being managed by another entity (e.g., state or other county), books for new libraries, grants provided by the county to support capital improvement efforts by other entities (e.g., non-profits).

EXPLANATION OF SIGNIFICANT CAPITAL BUDGET ITEMS AND TERMS (continued)

FUNDING TABLE (continued)

The bottom half of the funding table represents information about the funding sources used to finance the project. The standard funding categories include:

- Bonds - representing long-term, interest-bearing certificates of public indebtedness.
- Pay-Go – representing the use of budget year revenues or fund balance.
- Impact Fees - representing fees collected by the county to defray a portion of the costs associated with public school and transportation facilities necessary to accommodate new development in a designated area.
- Grants and Aid - primarily representing awards from the State of Maryland and the federal government to assist in the undertaking of specified projects.
- Other - representing other funding sources such as developer contributions, special revenues and fees, special tax districts, etc.

These Phases and Funding as described above are shown as separate lines or rows in this table. The columns of information provided in this table are as follows:

PROJECT TOTAL - This represents the estimated total cost to complete a project as proposed by the County Executive, including prior approval, as well as the level of funding requested for the FY2016 budget year and that programmed for the period FY2017 through FY2021. If a project is programmed to exceed the five-year program, and a cost estimate is known for the period beyond six-years, then these costs will be included in the project total.

PRIOR APPROVAL - This represents the cumulative legal authorization for a project prior to, but not including, the budget fiscal year, i.e. FY2016.

FY2016 BUDGET - This represents the request for the upcoming budget year. If approved by the County Council, this amount combined with the prior authorization described above establishes the legal authorization to spend for the upcoming budget year.

FY2017 through FY2021 (CAPITAL PROGRAM) - This represents the level of funding requested over the next five years and represents a spending plan.

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