

FY2018 Approved Capital Budget and Program

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CAPITAL BUDGET APPENDIX

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Capital Budget Overview

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FY2018 Debt Affordability

	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>
New Authority, Normal	\$163,000,000	\$163,000,000	\$163,000,000	\$163,000,000	\$163,000,000	\$163,000,000
Not used in prior year	\$11,626,000					
New Authority, IPA's	\$0	\$0	\$0	\$0	\$0	\$0
Total New Authority Affordable	\$174,626,000	\$163,000,000	\$163,000,000	\$163,000,000	\$163,000,000	\$163,000,000

Affordability Ratios and Guidelines

Debt Service as % of Revenue	11.5%	9.4%	9.9%	10.0%	10.2%	10.5%	10.4%
Debt as % of Full Value	2.0%	1.34%	1.40%	1.43%	1.45%	1.47%	1.48%
Debt as % of Personal Income	4.0%	3.0%	3.1%	3.1%	3.2%	3.2%	3.2%
Debt per Capita	\$3,000	\$2,013	\$2,134	\$2,232	\$2,322	\$2,401	\$2,478

Debt Service	\$139,772,678	\$151,840,798	\$157,623,149	\$166,365,125	\$176,854,936	\$179,725,086
Debt at end of fiscal year	\$1,170,775,245	\$1,253,813,634	\$1,324,349,375	\$1,391,445,641	\$1,453,091,174	\$1,514,960,837
General Fund Revenues	\$1,483,381,000	\$1,529,431,900	\$1,576,996,400	\$1,626,126,500	\$1,676,876,100	\$1,729,300,800
Estimated Full Value (000)	\$87,260,165	\$89,878,000	\$92,574,000	\$95,814,000	\$99,167,000	\$102,638,000
Total Personal Income (000)	\$38,967,000	\$40,526,000	\$42,147,000	\$43,833,000	\$45,586,000	\$47,409,000
Population	581,633	587,450	593,324	599,258	605,250	611,303

BONDS & PAYGO AFFORDABILITY
Compared with
USE OF BONDS AND PAYGO IN BUDGET

	Bonds Affordability					
	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>
New Authority, Normal	163,000,000	163,000,000	163,000,000	163,000,000	163,000,000	163,000,000
Not used in Prior Year	11,626,000	-	-	-	-	-
Adjusted Affordability	174,626,000	163,000,000	163,000,000	163,000,000	163,000,000	163,000,000
Use of Bonds	193,919,788	197,193,000	175,375,000	130,424,000	150,129,000	136,691,000
	PayGo Affordability					
Fund Balance	26,700,000	6,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Operating Revenue - One Time	-	-	-	-	-	-
Operating Revenue - Recurring	-	-	-	-	-	-
Adjusted Affordability	26,700,000	6,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Use of PayGo	26,700,000	6,000,000	5,000,000	5,000,000	5,000,000	5,000,000
	Bonds & PayGo Affordability (Combined)					
Combined Availability	201,326,000	169,000,000	168,000,000	168,000,000	168,000,000	168,000,000
Use of Bonds & PayGo	220,619,788	203,193,000	180,375,000	135,424,000	155,129,000	141,691,000
Amount Over (Under) Affordability	19,293,788	34,193,000	12,375,000	(32,576,000)	(12,871,000)	(26,309,000)
Cumulative:	19,293,788	53,486,788	65,861,788	33,285,788	20,414,788	(5,894,212)

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FY2018 Debt Affordability (with new authority as used in budget)

	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>
New Authority, Normal Not used in prior year	\$193,919,800	\$197,193,000	\$175,375,000	\$130,424,000	\$150,129,000	\$136,691,000
New Authority, IPA's	\$0	\$0	\$0	\$0	\$0	\$0
Total New Authority Affordable	\$193,919,800	\$197,193,000	\$175,375,000	\$130,424,000	\$150,129,000	\$136,691,000

Affordability Ratios and Guidelines

Debt Service as % of Revenue	11.5%	9.4%	10.0%	10.2%	10.6%	10.9%	10.6%
Debt as % of Full Value	2.0%	1.34%	1.42%	1.49%	1.52%	1.49%	1.49%
Debt as % of Personal Income	4.0%	3.0%	3.1%	3.3%	3.3%	3.3%	3.2%
Debt per Capita	\$3,000	\$2,013	\$2,167	\$2,321	\$2,428	\$2,448	\$2,502

Debt Service	\$139,772,678	\$152,250,790	\$160,054,034	\$171,488,354	\$182,074,197	\$182,519,904
Debt at end of fiscal year	\$1,170,775,245	\$1,273,107,422	\$1,377,193,037	\$1,454,881,410	\$1,481,755,550	\$1,529,644,686
General Fund Revenues	\$1,482,248,200	\$1,528,103,400	\$1,575,470,200	\$1,624,400,700	\$1,674,948,700	\$1,727,169,800
Estimated Full Value (000)	\$87,260,165	\$89,878,000	\$92,574,000	\$95,814,000	\$99,167,000	\$102,638,000
Total Personal Income (000)	\$38,967,000	\$40,526,000	\$42,147,000	\$43,833,000	\$45,586,000	\$47,409,000
Population	581,633	587,450	593,324	599,258	605,250	611,303

Capital Budget Overview

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Significant Capital Projects

The presentation that follows shows that the FY2018 budget provides \$323,069,000 in appropriation authority for General County Capital Projects. This includes the de-appropriation of \$24.0 million associated with the expiration of the "Cedar Hill Tax District" authorization. Excluding this outlier, FY2018 funding of \$347,069,000 is distributed among a total of 157 capital projects. The "80-20 Rule" (whereby 80% of the whole can be explained by just 20% of the detail) once again applies to the Capital Budget this year. That is, just 24 capital projects (15% of the 157 projects) account for \$277,676,000 of this amount (80% of the \$347.1 million total).

The table in the opposite column lists these 24 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. Given 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 page. 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	FY2018 Amount
Building Systems Renov	\$20,000,000
Road Resurfacing	\$13,675,000
Rd Reconstruction	\$11,000,000
Information Technology Enhance	\$10,721,000
All Day K and Pre K	\$8,000,000
Open Space Classrm. Enclosures	\$7,000,000
County Facilities & Sys Upgrad	\$5,290,000
Bd of Education Overhead	\$4,000,000
Maintenance Backlog	\$4,000,000
Park Renovation	\$3,315,000
Athletic Stadium Improvements	\$3,300,000
Recurring Subtotal	\$90,301,000
Crofton Area HS	\$56,774,000
Jessup ES	\$18,490,000
Arnold ES	\$16,261,000
High Point ES	\$15,270,000
George Cromwell ES	\$13,821,000
Health Science & Biology Bldg	\$13,040,000
Manor View ES	\$12,960,000
Race Road - Jessup Village	\$10,288,000
WB & A Trail	\$7,508,000
Riviera Beach Comm. Library	\$7,467,000
New Police C.I.D. Facility	\$6,150,000
Eisenhower Golf Course	\$5,000,000
Odenton Grid Streets	\$4,346,000
Non-Recurring Subtotal	\$187,375,000
Total	\$277,676,000

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Crofton Area HS (total cost estimate: \$124.5 million)

This project will provide for a new high school within the Crofton Area. This is the first new high school in Anne Arundel County since 1982.

Jessup ES (total cost estimate: \$45.2 million)

This project provides for the replacement of Jessup ES which 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.

Arnold ES (total cost estimate: \$40.8 million)

This project will provide a replacement school for Arnold ES which was originally constructed in 1967. The existing building is not configured to support the current and future educational program.

High Point ES (total cost estimate: \$40.5 million)

This project provides a modernization for Highpoint ES which was originally constructed in 1975. The existing building is not configured to support the current and future educational program.

George Cromwell ES (total cost estimate: \$32.7 million)

The project will provide a revitalization and addition for George Cromwell ES which was originally constructed in 1964 and is not configured to support the current and future educational program.

Health Science & Biology Bldg (total cost estimate: \$117.0 million)

This provides the Community College with a new 172,856 gsf state-of-the-art Health Science and Biology building, including properly sized and equipped labs to meet the burgeoning need for workforce training in these areas.

Manor View ES (total cost estimate: \$34.4 million)

The project will provide a revitalization of Manor View ES which was originally constructed in 1971 and is not configured to support the current and future educational program.

Police Training Academy (total cost estimate: \$18.7 million)

This Project will provide a new Police Academy Training Building at the existing site in Davidsonville.

Race Road – Jessup Village (total cost estimate: \$19.1 million)

This project provides for the design, rights-of-way acquisition, and construction of roadways, pedestrian and bicycle facilities, and street scape improvements consistent with the Race Road / Jessup Village Planning Study (June 2015) as two current development projects in the area.

WB & A Trail (total cost estimate: \$9.2 million)

This project provides for the design, rights-of-way acquisition, and construction of a paved multi-purpose trail primarily on the abandoned roadbed of the WB&A Railroad south of Odenton. The phase of this project funded in FY18 is for the bridge over the Patuxent River linking this trail with the existing trail in Prince George's County.

Riviera Beach Community Library (total cost estimate: \$16.0 million)

This provides for a new building at that existing site. The existing building which was built in 1971 is outdated and inadequate for the community it serves. The new building will provide added capacity to meet public demand.

New Police C.I.D. Facility (total cost estimate: \$14.7 million)

This project provides for the acquisition and renovation / reconfiguration of property located on Generals Hwy at the corner of Vetrans Hwy in Millersville for the purpose of housing the Criminal Investigative Division as well as additional space for the Crime Lab and Evidence Collection.

Eisenhower Golf Course (total cost estimate: \$8.3 million)

This Project is for the acquisition of the 218 acre Eisenhower Golf Course and related structures from the City of Annapolis, and the construction of improvements including a new clubhouse and cart barn, irrigation upgrade, tree work, rebuilding of greens, bunkers and surrounds, Bermuda tee and fairway conversion, and cart path repairs.

Odenton Grid Streets (total cost estimate: \$13.8 million)

This Project provides for the design, rights-of-way acquisition, and construction of roadways, pedestrian and bicycle facilities, and street scape improvements to grid streets within the Odenton Town Center area. These improvements are consistent with the Transportation Study for the Odenton Town Center Master Plan (June 2010).

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Project Class	Council Approved							
	Total	Prior	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
General County	\$366,953,047	\$218,270,047	\$10,638,000	\$27,705,000	\$26,080,000	\$33,019,000	\$25,704,000	\$25,537,000
Public Safety	\$160,696,537	\$81,421,537	\$11,488,000	\$26,487,000	\$22,850,000	\$4,150,000	\$9,150,000	\$5,150,000
Recreation & Parks	\$197,826,880	\$68,845,880	\$32,503,000	\$26,874,000	\$25,929,000	\$23,107,000	\$13,175,000	\$7,393,000
Roads & Bridges	\$409,530,353	\$169,018,353	\$50,360,000	\$45,530,000	\$52,664,000	\$34,308,000	\$28,825,000	\$28,825,000
Traffic Control	\$35,219,350	\$12,507,350	\$5,412,000	\$3,460,000	\$3,460,000	\$3,460,000	\$3,460,000	\$3,460,000
Dredging	\$22,261,894	\$14,329,894	\$1,932,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000
Water Quality Improvements	\$20,779,779	\$18,924,779	\$1,855,000	\$0	\$0	\$0	\$0	\$0
Stormwater Runoff Controls	\$5,464,687	\$5,750,687	(\$286,000)	\$0	\$0	\$0	\$0	\$0
Special Benefit Districts	\$420,000	\$420,000	\$0	\$0	\$0	\$0	\$0	\$0
School Off-Site	\$2,607,977	\$1,107,977	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
Board of Education	1,783,924,471	1,019,892,471	185,659,000	133,698,000	94,403,000	91,677,000	137,053,000	121,542,000
Community College	\$150,548,000	\$28,021,000	\$14,865,000	\$46,299,000	\$46,299,000	\$13,664,000	\$700,000	\$700,000
Library	\$44,572,065	\$34,429,065	\$8,393,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000
Sub-Tota General County	3,200,805,040	1,672,939,040	323,069,000	311,853,000	273,485,000	205,185,000	219,867,000	194,407,000
Waste Management	\$81,697,659	\$53,703,659	(\$1,412,000)	\$23,646,000	\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000
Sub-Tota Solid Waste	\$81,697,659	\$53,703,659	(\$1,412,000)	\$23,646,000	\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000
Wastewater	\$903,246,258	\$730,448,258	\$21,397,000	\$41,363,000	\$41,337,000	\$24,051,000	\$22,325,000	\$22,325,000
Water	\$476,511,167	\$288,110,167	\$23,713,000	\$38,149,000	\$41,370,000	\$43,733,000	\$21,576,000	\$19,860,000
Sub-Tota Utility	1,379,757,425	1,018,558,425	\$45,110,000	\$79,512,000	\$82,707,000	\$67,784,000	\$43,901,000	\$42,185,000
Watershed Protection & Restor.	\$297,229,658	\$251,584,658	\$13,810,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000
Sub-Tota Watershed Protection	\$297,229,658	\$251,584,658	\$13,810,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000
Grand-Total	\$4,959,489,782	\$2,996,785,782	380,577,000	421,378,000	363,999,000	280,776,000	271,575,000	244,399,000

Capital Budget Overview

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Funding Source Summary

Council Approved

Project	Project Title	Total	Prior	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
General County									
Bonds									
	General County Bonds	\$1,806,258,680	\$822,526,892	\$193,919,788	\$197,193,000	\$175,375,000	\$130,424,000	\$150,129,000	\$136,691,000
	WPRF Bonds	\$304,000	\$304,000	\$0	\$0	\$0	\$0	\$0	\$0
	IPA Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Hwy Impact Fee Bonds Dist 1	\$30,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0
	Hwy Impact Fee Bonds Dist 3	\$561,000	\$561,000	\$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	\$360	\$360	\$0	\$0	\$0	\$0	\$0	\$0
	Public Safety Impact Fee Bonds	\$220,000	\$220,000	\$0	\$0	\$0	\$0	\$0	\$0
	Bonds	\$1,807,580,040	\$823,848,252	\$193,919,788	\$197,193,000	\$175,375,000	\$130,424,000	\$150,129,000	\$136,691,000
PayGo									
	Enterprise PayGo	\$6,584,000	\$1,908,000	\$722,000	\$742,000	\$1,828,000	\$530,000	\$471,000	\$383,000
	Solid Wst Mgmt PayGo	\$1,611,000	\$476,000	\$188,000	\$188,000	\$409,000	\$133,000	\$117,000	\$100,000
	General Fund PayGo	\$158,376,806	\$105,676,806	\$26,700,000	\$6,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000
	Bd of Ed PayGo	\$1,011,700	\$1,011,700	\$0	\$0	\$0	\$0	\$0	\$0
	Community College Pay Go	\$1,745,000	\$1,745,000	\$0	\$0	\$0	\$0	\$0	\$0
	PayGo	\$169,328,506	\$110,817,506	\$27,610,000	\$6,930,000	\$7,237,000	\$5,663,000	\$5,588,000	\$5,483,000
Impact Fees									
	Hwy Impact Fees Dist 1	\$30,139,213	\$13,028,213	\$2,220,000	\$9,495,000	\$4,196,000	\$1,200,000	\$0	\$0
	Hwy Impact Fees Dist 2	\$12,536,000	\$6,199,000	\$1,235,000	\$2,302,000	\$700,000	\$700,000	\$700,000	\$700,000
	Hwy Impact Fees Dist 3	\$2,809,750	\$2,809,750	\$0	\$0	\$0	\$0	\$0	\$0
	Hwy Impact Fees Dist 4	\$30,066,000	\$21,140,000	\$3,766,000	\$1,709,000	\$681,000	\$2,770,000	\$0	\$0
	Hwy Impact Fees Dist 5	\$6,721,000	\$5,821,000	\$400,000	\$300,000	\$200,000	\$0	\$0	\$0
	Hwy Impact Fees Dist 6	\$7,900,000	\$0	\$6,600,000	\$500,000	\$400,000	\$400,000	\$0	\$0
	Impact Fees - Ed	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Ed Impact Fees Dist 1	\$48,413,500	\$24,663,500	\$12,700,000	\$2,000,000	\$2,100,000	\$2,350,000	\$2,100,000	\$2,500,000
	Ed Impact Fees Dist 2	\$7,845,000	\$4,195,000	\$1,600,000	\$0	\$650,000	\$600,000	\$400,000	\$400,000
	Ed Impact Fees Dist 3	\$24,193,300	\$19,493,300	\$4,700,000	\$0	\$0	\$0	\$0	\$0
	Ed Impact Fees Dist 4	\$595,800	\$595,800	\$0	\$0	\$0	\$0	\$0	\$0
	Ed Impact Fees Dist 5	\$6,314,700	\$2,914,700	\$1,400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000
	Ed Impact Fees Dist 6	\$11,153,000	\$6,353,000	\$2,600,000	\$500,000	\$400,000	\$400,000	\$400,000	\$500,000
	Ed Impact Fees Dist 7	\$897,500	\$197,500	\$600,000	\$100,000	\$0	\$0	\$0	\$0
	Public Safety Impact Fees	\$5,930,000	\$3,930,000	\$700,000	\$200,000	\$200,000	\$250,000	\$400,000	\$250,000
	Impact Fees	\$195,514,763	\$111,340,763	\$38,521,000	\$17,506,000	\$9,927,000	\$9,070,000	\$4,400,000	\$4,750,000
Grants & Aid									
	Fed Bridge Repair Prgm	\$8,865,000	\$4,661,000	\$2,001,000	\$1,370,000	\$0	\$833,000	\$0	\$0
	Other Fed Grants	\$122,279,100	\$104,580,100	\$2,419,000	\$3,900,000	\$2,880,000	\$1,000,000	\$3,100,000	\$4,400,000

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Funding Source Summary

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Project	Project Title	Total	Prior	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
	POS - Acquisition	\$20,727,470	\$8,647,470	\$1,580,000	\$2,100,000	\$2,100,000	\$2,100,000	\$2,100,000	\$2,100,000
	POS - Development	\$14,778,285	\$6,358,285	(\$719,000)	\$4,939,000	\$2,100,000	\$2,100,000	\$0	\$0
	MDE Erosion & Water Qlty	\$82,000	\$82,000	\$0	\$0	\$0	\$0	\$0	\$0
	MD Waterway Improvement	\$4,548,426	\$3,578,214	\$970,212	\$0	\$0	\$0	\$0	\$0
	Maryland Higher Education	\$57,828,000	\$0	\$6,520,000	\$22,737,000	\$22,737,000	\$5,834,000	\$0	\$0
	Inter-Agency Committee	\$456,958,344	\$234,258,344	\$36,829,000	\$34,733,000	\$34,309,000	\$36,476,000	\$46,865,000	\$33,488,000
	Other State Grants	\$91,005,468	\$54,440,468	\$7,580,000	\$5,740,000	\$9,565,000	\$7,290,000	\$3,290,000	\$3,100,000
	Grants & Aid	\$777,072,093	\$416,605,881	\$57,180,212	\$75,519,000	\$73,691,000	\$55,633,000	\$55,355,000	\$43,088,000
	Other								
	Developer Contribution	\$22,349,535	\$10,339,535	\$1,525,000	\$1,525,000	\$4,385,000	\$1,525,000	\$1,525,000	\$1,525,000
	Other Funding Sources	\$6,811,000	\$6,811,000	\$0	\$0	\$0	\$0	\$0	\$0
	Miscellaneous	\$15,442,963	\$12,280,963	\$2,502,000	\$380,000	\$70,000	\$70,000	\$70,000	\$70,000
	E-rate Reimbursement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$118,806,000	\$90,765,000	\$18,041,000	\$10,000,000	\$0	\$0	\$0	\$0
	Video Lottery Impact Aid	\$24,656,351	\$13,686,351	\$5,970,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000
	Special Fees	\$440,000	\$440,000	\$0	\$0	\$0	\$0	\$0	\$0
	Cable Fees	\$15,303,060	\$4,503,060	\$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
	Natl. Bus Park Tax Dist	\$728	\$728	\$0	\$0	\$0	\$0	\$0	\$0
	Maryland Live! Conf. Center	\$22,500,000	\$22,500,000	\$0	\$0	\$0	\$0	\$0	\$0
	Cedar Hill Tax Dist	\$0	\$24,000,000	(\$24,000,000)	\$0	\$0	\$0	\$0	\$0
	Other	\$251,309,636	\$210,326,636	\$5,838,000	\$14,705,000	\$7,255,000	\$4,395,000	\$4,395,000	\$4,395,000
	General County	\$3,200,805,040	\$1,672,939,040	\$323,069,000	\$311,853,000	\$273,485,000	\$205,185,000	\$219,867,000	\$194,407,000
	Solid Waste								
	Bonds								
	Solid Waste Bonds	\$57,502,765	\$31,025,765	(\$154,000)	\$23,091,000	\$885,000	\$885,000	\$885,000	\$885,000
	Bonds	\$57,502,765	\$31,025,765	(\$154,000)	\$23,091,000	\$885,000	\$885,000	\$885,000	\$885,000
	PayGo								
	Solid Wst Mgmt PayGo	\$6,176,894	\$2,846,894	\$555,000	\$555,000	\$555,000	\$555,000	\$555,000	\$555,000
	SW Financial Assurance PayGo	\$15,322,000	\$17,135,000	(\$1,813,000)	\$0	\$0	\$0	\$0	\$0
	General Fund PayGo	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	PayGo	\$21,498,894	\$19,981,894	(\$1,258,000)	\$555,000	\$555,000	\$555,000	\$555,000	\$555,000
	Other								
	Miscellaneous	\$750,000	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$1,946,000	\$1,946,000	\$0	\$0	\$0	\$0	\$0	\$0
	Other	\$2,696,000	\$2,696,000	\$0	\$0	\$0	\$0	\$0	\$0
	Solid Waste	\$81,697,659	\$53,703,659	(\$1,412,000)	\$23,646,000	\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000

Capital Budget Overview

FY2018 Council Approved

Funding Source Summary		Council Approved							
Project	Project Title	Total	Prior	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Utility									
Bonds									
	Water Bonds	\$411,704,554	\$250,438,554	\$19,138,000	\$33,471,000	\$36,695,000	\$39,058,000	\$16,967,000	\$15,937,000
	WasteWater Bonds	\$654,067,721	\$538,577,721	\$2,662,000	\$32,266,000	\$32,240,000	\$17,258,000	\$15,532,000	\$15,532,000
	Bonds	\$1,065,772,276	\$789,016,276	\$21,800,000	\$65,737,000	\$68,935,000	\$56,316,000	\$32,499,000	\$31,469,000
PayGo									
	WasteWater PayGo	\$70,727,974	\$34,666,974	\$6,096,000	\$5,993,000	\$5,993,000	\$5,993,000	\$5,993,000	\$5,993,000
	Water PayGo	\$56,863,632	\$25,684,632	\$4,619,000	\$5,478,000	\$5,475,000	\$5,475,000	\$5,409,000	\$4,723,000
	PayGo	\$127,591,606	\$60,351,606	\$10,715,000	\$11,471,000	\$11,468,000	\$11,468,000	\$11,402,000	\$10,716,000
Grants & Aid									
	Other Fed Grants	\$1,078,240	\$1,078,240	\$0	\$0	\$0	\$0	\$0	\$0
	Other State Grants	\$133,133,671	\$126,529,671	\$1,996,000	\$2,304,000	\$2,304,000	\$0	\$0	\$0
	Grants & Aid	\$134,211,911	\$127,607,911	\$1,996,000	\$2,304,000	\$2,304,000	\$0	\$0	\$0
Other									
	Developer Contribution	\$3,428,635	\$3,428,635	\$0	\$0	\$0	\$0	\$0	\$0
	Miscellaneous	\$2,522,000	\$2,522,000	\$0	\$0	\$0	\$0	\$0	\$0
	Project Reimbursement	\$4,000,000	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$42,231,000	\$31,632,000	\$10,599,000	\$0	\$0	\$0	\$0	\$0
	User Connections	(\$3)	(\$3)	\$0	\$0	\$0	\$0	\$0	\$0
	Other	\$52,181,632	\$41,582,632	\$10,599,000	\$0	\$0	\$0	\$0	\$0
	Utility	\$1,379,757,425	\$1,018,558,425	\$45,110,000	\$79,512,000	\$82,707,000	\$67,784,000	\$43,901,000	\$42,185,000
Watershed Protection									
Bonds									
	WPRF Bonds	\$288,398,658	\$243,651,658	\$12,912,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000
	Bonds	\$288,398,658	\$243,651,658	\$12,912,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000
Grants & Aid									
	Other State Grants	\$1,898,000	\$0	\$1,898,000	\$0	\$0	\$0	\$0	\$0
	Grants & Aid	\$1,898,000	\$0	\$1,898,000	\$0	\$0	\$0	\$0	\$0
Other									
	Miscellaneous	\$22,000	\$22,000	\$0	\$0	\$0	\$0	\$0	\$0
	Project Reimbursement	\$1,600,000	\$2,600,000	(\$1,000,000)	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$5,311,000	\$5,311,000	\$0	\$0	\$0	\$0	\$0	\$0
	Other	\$6,933,000	\$7,933,000	(\$1,000,000)	\$0	\$0	\$0	\$0	\$0
	Watershed Protection	\$297,229,658	\$251,584,658	\$13,810,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000
	Grand-Total	\$4,959,489,782	\$2,996,785,782	\$380,577,000	\$421,378,000	\$363,999,000	\$280,776,000	\$271,575,000	\$244,399,000

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 job 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 - Waste Management |
| F - Public Safety | 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 |
| | D - 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 FY2018 budget year and that programmed for the period FY2019 through FY2023. 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. FY2018.

FY2018 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.

FY2019 through FY2023 (CAPITAL PROGRAM) - This represents the level of funding requested over the next five years and represents a spending plan.