

Approved Capital Budget and Program



Steven R. Schuh
County Executive

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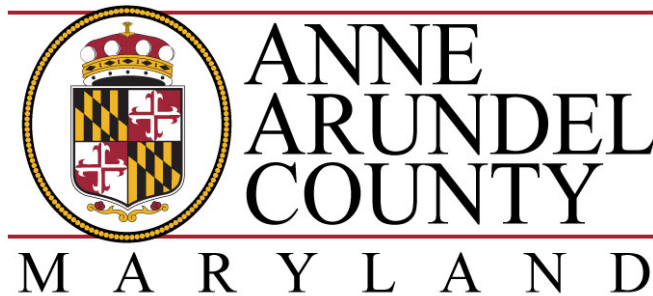
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Approved Capital Budget and Program

Steven R. Schuh
County Executive

Mark Hartzell
Chief Administrative Officer



John R. Hammond
Budget Officer

Anne Arundel County Council

Michael A. Peroutka
Chairperson

Peter Smith
Derek Fink
Andrew C. Pruski
Chris Trumbauer
Jerry Walker
John J. Grasso

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CAPITAL BUDGET APPENDIX

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FY2019 Debt Affordability

	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</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	-\$19,294,000					
New Authority, IPA's	\$0	\$0	\$0	\$0	\$0	\$0
Total New Authority Affordable	\$143,706,000	\$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%	9.5%	9.9%	10.0%	10.3%	10.3%	10.1%
Debt as % of Full Value	2.0%	1.40%	1.42%	1.45%	1.46%	1.47%	1.48%
Debt as % of Personal Income	4.0%	3.2%	3.2%	3.3%	3.3%	3.3%	3.3%
Debt per Capita	\$3,000	\$2,169	\$2,233	\$2,324	\$2,403	\$2,481	\$2,559

Debt Service	\$147,773,529	\$157,641,048	\$164,989,169	\$175,521,289	\$180,073,539	\$182,454,733
Debt at end of fiscal year	\$1,273,332,380	\$1,324,227,163	\$1,391,699,098	\$1,453,750,390	\$1,516,004,577	\$1,578,915,883
General Fund Revenues	\$1,549,817,600	\$1,597,926,600	\$1,647,625,600	\$1,698,969,700	\$1,752,015,500	\$1,806,821,800
Estimated Full Value (000)	\$90,756,063	\$93,479,000	\$96,283,000	\$99,653,000	\$103,141,000	\$106,751,000
Total Personal Income (000)	\$39,303,000	\$40,875,000	\$42,510,000	\$44,210,000	\$45,978,000	\$47,817,000
Population	587,093	592,964	598,894	604,883	610,931	617,041

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

	Bonds Affordability					
	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>
New Authority, Normal Not used in Prior Year	163,000,000 (19,294,000)	163,000,000 -	163,000,000 -	163,000,000 -	163,000,000 -	163,000,000 -
Adjusted Affordability	143,706,000	163,000,000	163,000,000	163,000,000	163,000,000	163,000,000
Use of Bonds	219,764,000	203,401,000	141,290,000	177,222,000	144,692,000	69,023,000
	PayGo Affordability					
Fund Balance	41,332,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Operating Revenue - One Time	-	-	-	-	-	-
Operating Revenue - Recurring	-	-	-	-	-	-
Adjusted Affordability	41,332,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Use of PayGo	41,332,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
	Bonds & PayGo Affordability (Combined)					
Combined Availability	185,038,000	168,000,000	168,000,000	168,000,000	168,000,000	168,000,000
Use of Bonds & PayGo	261,096,000	208,401,000	146,290,000	182,222,000	149,692,000	74,023,000
Amount Over (Under) Affordability	76,058,000	40,401,000	(21,710,000)	14,222,000	(18,308,000)	(93,977,000)
Cumulative:	76,058,000	116,459,000	94,749,000	108,971,000	90,663,000	(3,314,000)

FY2019 Debt Affordability (with new authority as used in budget)

	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>
New Authority, Normal	\$219,764,000	\$203,401,000	\$141,290,000	\$177,222,000	\$144,692,000	\$69,023,000
Not used in prior year	\$0					
New Authority, IPA's	\$0	\$0	\$0	\$0	\$0	\$0
Total New Authority Affordable	\$219,764,000	\$203,401,000	\$141,290,000	\$177,222,000	\$144,692,000	\$69,023,000

Affordability Ratios and Guidelines

Debt Service as % of Revenue	11.5%	9.5%	10.0%	10.5%	10.9%	10.8%	10.6%
Debt as % of Full Value	2.0%	1.40%	1.50%	1.56%	1.55%	1.57%	1.55%
Debt as % of Personal Income	4.0%	3.2%	3.4%	3.5%	3.5%	3.5%	3.5%
Debt per Capita	\$3,000	\$2,169	\$2,362	\$2,514	\$2,549	\$2,644	\$2,684

Debt Service	\$147,773,529	\$159,352,353	\$172,996,939	\$185,750,205	\$188,851,741	\$191,496,679
Debt at end of fiscal year	\$1,273,332,380	\$1,400,285,163	\$1,505,622,831	\$1,542,082,156	\$1,615,400,042	\$1,656,370,980
General Fund Revenues	\$1,549,817,600	\$1,597,926,600	\$1,647,625,600	\$1,698,969,700	\$1,752,015,500	\$1,806,821,800
Estimated Full Value (000)	\$90,756,063	\$93,479,000	\$96,283,000	\$99,653,000	\$103,141,000	\$106,751,000
Total Personal Income (000)	\$39,303,000	\$40,875,000	\$42,510,000	\$44,210,000	\$45,978,000	\$47,817,000
Population	587,093	592,964	598,894	604,883	610,931	617,041

Significant Capital Projects

The presentation that follows shows that the FY2019 budget provides \$377,927,710 in appropriation authority for General County Capital Projects. This is distributed among a total of 162 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 23 capital projects (14%) account for \$300.1 million of this total amount (79%).

The table in the opposite column lists these 23 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 because 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.) and that many of these improvements also provide expanded or enhanced capacity, this impact is not likely to result in operating budget reductions but rather in improved service delivery.

With the exception of the new Crofton Area HS, all of the non-recurring projects are similar to the recurring projects in that they represent the renovation, rehabilitation or replacement of existing infrastructure. Therefore, this investment should also have a positive impact on the operating budget. However, many of these projects also provide expanded capacity which can have a negative impact on the operating budget.

The majority of these major projects add school capacity, so it is important to be mindful of the nature of school operating costs. The number of students enrolled, and the staff assigned to service them, are not driven by school capacity; these students exist and are serviced by school staff whether or not this takes place in inadequate physical space. Therefore, projects that add capacity (even a new school) do not necessarily result in as much increased operating costs as one might expect.

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	FY2019 Amount
Advance Land Acquisition	\$28,000,000
Building Systems Renov	\$17,194,000
Rd Reconstruction	\$15,000,000
Road Resurfacing	\$13,675,000
Additions	\$8,585,000
Open Space Classrm. Enclosures	\$8,000,000
All Day K and Pre K	\$7,500,000
County Facilities & Sys Upgrad	\$7,114,000
Information Technology Enhance	\$5,266,000
School Security Upgrades	\$5,000,000
Park Renovation	\$4,945,000
Recurring Subtotal	<u>\$120,279,000</u>
Crofton Area HS	\$47,424,000
Health Science & Biology Bldg	\$25,237,000
Edgewater ES	\$16,732,000
Richard Henry Lee ES	\$15,645,000
Tyler Heights ES	\$15,242,000
George Cromwell ES	\$14,842,000
Public Safety Radio Sys Upg	\$10,500,000
Hanover Road Corridor Imprv	\$9,495,000
Jessup ES	\$7,908,000
Arnold ES	\$6,677,000
Jacobsville Fire Station	\$5,650,000
High Point ES	\$4,485,000
Non-Recurring Subtotal	<u>\$179,837,000</u>
Total	<u>\$300,116,000</u>

Crofton Area HS (total cost estimate: \$134.8 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. The impact on the operating budget is anticipated to be over \$3 million/yr.

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. The impact on the operating budget is anticipated to be \$1 to \$2 million/yr.

Edgewater ES (total cost estimate: \$45.9 million)

This project provides for revitalization and an addition to Edgewater ES which was originally constructed in 1953, with addition/renovation in 1964 and 1985. The capacity of the school will increase by roughly 50%. The impact on the operating budget is anticipated at \$500,000 to \$1 million/yr.

Richard Henry Lee ES (total cost estimate: \$39.8 million)

This project provides for the revitalization and an addition to Richard Henry Lee ES which was originally constructed in 1972. The school capacity will increase by roughly 10%. The impact on the operating budget is anticipated to be \$100,000 to \$500,000/yr.

Tyler Heights ES (total cost estimate: \$43.1 million)

This project provides for the revitalization and an addition to Tyler Heights ES which was originally constructed in 1962, with addition/renovation in 1970 and 1996. The school capacity will increase by roughly 25%. The impact on the operating budget is anticipated to be \$100,000 to \$500,000/yr.

George Cromwell ES (total cost estimate: \$35.5 million)

The project will provide a revitalization and addition for George Cromwell ES which was originally constructed in 1964. The school capacity will increase by roughly 40%. The impact on the operating budget is anticipated to be \$500,000 to \$1 million/yr.

Public Safety Radio Sys Upg (total cost estimate: \$60.2 million)

This Project will replace and upgrade the existing 800MHz radio system to P25 standards (including radios), and will improve coverage through additional towers. The impact on the operating budget is anticipated to be \$100,000 to \$500,000/yr.

Hanover Road Corridor Imprv (total cost estimate: \$14.3 million)

This project will provide design, rights of way acquisition and construction of a section of Hanover Road to provide a new alignment between Ridge Road and New Ridge Road in Hanover. This improve efficiency of traffic operations and provide added capacity. The impact on the operating budget is anticipated to be less than \$100,000/yr.

Jessup ES (total cost estimate: \$48.5 million)

This project provides for the replacement of Jessup ES which was originally constructed in 1955, with additions in 1975 and 1997. The capacity of the school will increase by roughly 80%. The impact on the operating budget is anticipated to be \$500,000 to \$1 million/yr.

Arnold ES (total cost estimate: \$42.1 million)

This project will provide a replacement school for Arnold ES which was originally constructed in 1967. School capacity will increase by roughly 25%. The impact on the operating budget is anticipated to be \$100,000 to \$500,000/yr.

Jacobsville Fire Station (total cost estimate: \$6.2 million)

This Project includes the design and construction of a new fire station to replace the existing Jacobsville Fire Station at the current location of the combined Eastern District Police (recently relocated) / Fire Station. The impact on the operating budget is anticipated at less than \$100,000/yr.

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

This project provides a modernization and addition to Highpoint ES which was originally constructed in 1975. The capacity of the school will increase by roughly 30%. The impact on the operating budget is anticipated to be \$100,000 to \$500,000/yr.

Project Class Summary

Council Approved

Project Class	Total	Prior	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
General County	\$431,206,059	\$219,285,059	\$64,208,000	\$36,583,000	\$36,096,000	\$26,775,000	\$24,945,000	\$23,314,000
Public Safety	\$164,626,691	\$83,207,691	\$23,909,000	\$20,619,000	\$15,641,000	\$8,475,000	\$4,625,000	\$8,150,000
Recreation & Parks	\$239,900,159	\$96,281,159	\$25,644,000	\$47,466,000	\$27,502,000	\$14,357,000	\$20,870,000	\$7,780,000
Roads & Bridges	\$433,492,536	\$202,808,536	\$42,786,000	\$43,776,000	\$54,618,000	\$30,088,000	\$30,281,000	\$29,135,000
Traffic Control	\$37,321,808	\$16,561,808	\$3,460,000	\$3,460,000	\$3,460,000	\$3,460,000	\$3,460,000	\$3,460,000
Dredging	\$26,868,883	\$14,426,883	\$6,442,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000
Water Quality Improvements	\$16,461,773	\$14,881,773	\$1,580,000	\$0	\$0	\$0	\$0	\$0
Stormwater Runoff Controls	\$4,939,622	\$4,992,622	(\$53,000)	\$0	\$0	\$0	\$0	\$0
Special Benefit Districts	\$648,700	\$648,700	\$0	\$0	\$0	\$0	\$0	\$0
School Off-Site	\$2,578,978	\$1,078,978	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
Board of Education	\$1,837,802,213	\$1,099,129,503	\$181,382,710	\$119,797,000	\$66,436,000	\$158,144,000	\$136,155,000	\$76,758,000
Community College	\$158,163,000	\$42,611,000	\$27,362,000	\$51,062,000	\$29,138,000	\$1,181,000	\$3,427,000	\$3,382,000
Library	\$46,829,065	\$42,822,065	\$957,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,650,000
Sub-Total General County	\$3,400,839,488	\$1,838,735,778	\$377,927,710	\$324,563,000	\$234,691,000	\$244,280,000	\$225,563,000	\$155,079,000
Waste Management	\$79,210,633	\$49,301,633	\$2,183,000	\$21,966,000	\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000
Sub-Total Solid Waste	\$79,210,633	\$49,301,633	\$2,183,000	\$21,966,000	\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000
Wastewater	\$975,765,473	\$715,177,473	\$44,829,000	\$85,482,000	\$36,568,000	\$31,339,000	\$36,600,000	\$25,770,000
Water	\$491,614,384	\$272,463,384	\$31,477,000	\$51,882,000	\$52,342,000	\$34,958,000	\$24,143,000	\$24,349,000
Sub-Total Utility	\$1,467,379,857	\$987,640,857	\$76,306,000	\$137,364,000	\$88,910,000	\$66,297,000	\$60,743,000	\$50,119,000
Watershed Protection & Restor.	\$300,574,601	\$261,995,601	\$7,744,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000	\$5,367,000
Sub-Total Watershed Protection	\$300,574,601	\$261,995,601	\$7,744,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000	\$5,367,000
Grand-Total	\$5,248,004,579	\$3,137,673,869	\$464,160,710	\$490,260,000	\$331,408,000	\$318,384,000	\$294,113,000	\$212,005,000

Funding Source Summary

Council Approved

Project	Project Title	Total	Prior	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
General County									
Bonds									
	General County Bonds	\$1,883,571,356	\$928,179,356	\$219,764,000	\$203,401,000	\$141,290,000	\$177,222,000	\$144,692,000	\$69,023,000
	WPRF Bonds	\$43,000	\$43,000	\$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
	Bonds	\$1,884,411,356	\$929,019,356	\$219,764,000	\$203,401,000	\$141,290,000	\$177,222,000	\$144,692,000	\$69,023,000
PayGo									
	Enterprise PayGo	\$6,984,000	\$2,630,000	\$1,942,000	\$628,000	\$530,000	\$471,000	\$383,000	\$400,000
	Solid Wst Mgmt PayGo	\$1,711,000	\$664,000	\$438,000	\$159,000	\$133,000	\$117,000	\$100,000	\$100,000
	General Fund PayGo	\$188,107,821	\$121,775,821	\$41,332,000	\$5,000,000	\$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	\$199,559,521	\$127,826,521	\$43,712,000	\$5,787,000	\$5,663,000	\$5,588,000	\$5,483,000	\$5,500,000
Impact Fees									
	Hwy Impact Fees Dist 1	\$26,941,000	\$14,408,000	\$5,137,000	\$4,196,000	\$3,200,000	\$0	\$0	\$0
	Hwy Impact Fees Dist 2	\$12,978,000	\$7,434,000	(\$458,000)	\$2,302,000	\$1,600,000	\$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	\$26,909,000	\$21,286,000	\$2,172,000	\$681,000	\$2,770,000	\$0	\$0	\$0
	Hwy Impact Fees Dist 5	\$7,511,000	\$6,221,000	\$300,000	\$200,000	\$300,000	\$250,000	\$240,000	\$0
	Hwy Impact Fees Dist 6	\$7,900,000	\$6,600,000	\$500,000	\$400,000	\$400,000	\$0	\$0	\$0
	Impact Fees - Ed	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Ed Impact Fees Dist 1	\$55,063,500	\$32,313,500	\$8,800,000	\$3,600,000	\$2,850,000	\$2,100,000	\$2,500,000	\$2,900,000
	Ed Impact Fees Dist 2	\$6,192,600	\$4,242,600	\$0	\$700,000	\$450,000	\$400,000	\$400,000	\$0
	Ed Impact Fees Dist 3	\$33,654,700	\$21,054,700	\$0	\$0	\$0	\$0	\$3,479,000	\$9,121,000
	Ed Impact Fees Dist 4	\$945,800	\$595,800	\$350,000	\$0	\$0	\$0	\$0	\$0
	Ed Impact Fees Dist 5	\$7,114,700	\$4,314,700	\$800,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000
	Ed Impact Fees Dist 6	\$11,783,000	\$7,483,000	\$2,000,000	\$500,000	\$400,000	\$400,000	\$500,000	\$500,000
	Ed Impact Fees Dist 7	\$1,047,500	\$797,500	\$250,000	\$0	\$0	\$0	\$0	\$0
	Public Safety Impact Fees	\$5,400,000	\$2,900,000	\$200,000	\$1,000,000	\$250,000	\$400,000	\$350,000	\$300,000
	Impact Fees	\$206,250,550	\$132,460,550	\$20,051,000	\$13,979,000	\$12,620,000	\$4,650,000	\$8,569,000	\$13,921,000
Grants & Aid									
	Fed Bridge Repair Prgm	\$8,908,000	\$6,662,000	\$752,000	\$661,000	\$0	\$833,000	\$0	\$0
	Other Fed Grants	\$124,522,100	\$106,999,100	\$4,785,000	\$5,240,000	\$1,000,000	\$3,100,000	\$3,398,000	\$0
	POS - Acquisition	\$29,587,470	\$10,227,470	\$3,147,000	\$3,379,000	\$3,490,000	\$3,344,000	\$3,000,000	\$3,000,000
	POS - Development	\$23,341,310	\$5,064,310	\$2,200,000	\$6,577,000	\$3,000,000	\$3,000,000	\$3,000,000	\$500,000

Funding Source Summary

Council Approved

Project	Project Title	Total	Prior	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
	MDE Erosion & Water Qlty	\$82,000	\$82,000	\$0	\$0	\$0	\$0	\$0	\$0
	MD Waterway Improvement	\$7,173,285	\$4,129,285	\$3,044,000	\$0	\$0	\$0	\$0	\$0
	Maryland Higher Education	\$60,397,000	\$6,520,000	\$2,500,000	\$27,500,000	\$21,308,000	\$115,000	\$1,238,000	\$1,216,000
	Inter-Agency Committee	\$480,982,054	\$246,183,344	\$29,349,710	\$34,359,000	\$34,360,000	\$34,368,000	\$48,313,000	\$54,049,000
	Other State Grants	\$95,700,468	\$59,514,468	\$7,766,000	\$6,140,000	\$7,590,000	\$7,690,000	\$3,500,000	\$3,500,000
	Grants & Aid	\$830,693,687	\$445,381,977	\$53,543,710	\$83,856,000	\$70,748,000	\$52,450,000	\$62,449,000	\$62,265,000
	Other								
	Developer Contribution	\$24,972,535	\$11,864,535	\$2,748,000	\$4,360,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000
	Other Funding Sources	\$7,039,700	\$7,039,700	\$0	\$0	\$0	\$0	\$0	\$0
	Miscellaneous	\$15,584,963	\$13,834,963	\$1,090,000	\$380,000	\$70,000	\$70,000	\$70,000	\$70,000
	E-rate Reimbursement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$139,165,000	\$98,206,000	\$30,959,000	\$10,000,000	\$0	\$0	\$0	\$0
	Video Lottery Impact Aid	\$28,118,389	\$18,858,389	\$4,260,000	\$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	\$17,103,060	\$6,303,060	\$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
	Other	\$279,924,374	\$204,047,374	\$40,857,000	\$17,540,000	\$4,370,000	\$4,370,000	\$4,370,000	\$4,370,000
	General County	\$3,400,839,488	\$1,838,735,778	\$377,927,710	\$324,563,000	\$234,691,000	\$244,280,000	\$225,563,000	\$155,079,000
	Solid Waste								
	Bonds								
	Solid Waste Bonds	\$55,815,739	\$29,436,739	\$1,428,000	\$21,411,000	\$885,000	\$885,000	\$885,000	\$885,000
	Bonds	\$55,815,739	\$29,436,739	\$1,428,000	\$21,411,000	\$885,000	\$885,000	\$885,000	\$885,000
	PayGo								
	Solid Wst Mgmt PayGo	\$5,176,894	\$1,846,894	\$555,000	\$555,000	\$555,000	\$555,000	\$555,000	\$555,000
	SW Financial Assurance PayGo	\$15,522,000	\$15,322,000	\$200,000	\$0	\$0	\$0	\$0	\$0
	General Fund PayGo	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	PayGo	\$20,698,894	\$17,168,894	\$755,000	\$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	\$79,210,633	\$49,301,633	\$2,183,000	\$21,966,000	\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000

Funding Source Summary

Council Approved

Project	Project Title	Total	Prior	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
Utility									
Bonds									
	Water Bonds	\$419,817,469	\$238,939,469	\$23,055,000	\$45,744,000	\$46,147,000	\$29,146,000	\$18,331,000	\$18,455,000
	WasteWater Bonds	\$703,895,283	\$514,384,283	\$21,840,000	\$72,888,000	\$26,278,000	\$23,271,000	\$28,032,000	\$17,202,000
	Bonds	\$1,123,712,753	\$753,323,753	\$44,895,000	\$118,632,000	\$72,425,000	\$52,417,000	\$46,363,000	\$35,657,000
PayGo									
	WasteWater PayGo	\$85,094,627	\$34,645,627	\$8,665,000	\$9,490,000	\$9,490,000	\$7,268,000	\$7,768,000	\$7,768,000
	Water PayGo	\$65,571,934	\$25,433,934	\$6,287,000	\$6,938,000	\$6,995,000	\$6,612,000	\$6,612,000	\$6,694,000
	PayGo	\$150,666,561	\$60,079,561	\$14,952,000	\$16,428,000	\$16,485,000	\$13,880,000	\$14,380,000	\$14,462,000
Grants & Aid									
	Other Fed Grants	\$3,843,240	\$1,078,240	\$2,765,000	\$0	\$0	\$0	\$0	\$0
	Other State Grants	\$133,806,671	\$128,525,671	\$2,977,000	\$2,304,000	\$0	\$0	\$0	\$0
	Grants & Aid	\$137,649,911	\$129,603,911	\$5,742,000	\$2,304,000	\$0	\$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	\$45,400,000	\$34,683,000	\$10,717,000	\$0	\$0	\$0	\$0	\$0
	User Connections	(\$3)	(\$3)	\$0	\$0	\$0	\$0	\$0	\$0
	Other	\$55,350,632	\$44,633,632	\$10,717,000	\$0	\$0	\$0	\$0	\$0
	Utility	\$1,467,379,857	\$987,640,857	\$76,306,000	\$137,364,000	\$88,910,000	\$66,297,000	\$60,743,000	\$50,119,000
Watershed Protection									
Bonds									
	WPRF Bonds	\$290,659,601	\$253,164,601	\$6,660,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000	\$5,367,000
	Bonds	\$290,659,601	\$253,164,601	\$6,660,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000	\$5,367,000
Grants & Aid									
	Other State Grants	\$3,582,000	\$1,898,000	\$1,684,000	\$0	\$0	\$0	\$0	\$0
	Grants & Aid	\$3,582,000	\$1,898,000	\$1,684,000	\$0	\$0	\$0	\$0	\$0
Other									
	Miscellaneous	\$22,000	\$22,000	\$0	\$0	\$0	\$0	\$0	\$0
	Project Reimbursement	\$1,000,000	\$1,600,000	(\$600,000)	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$5,311,000	\$5,311,000	\$0	\$0	\$0	\$0	\$0	\$0
	Other	\$6,333,000	\$6,933,000	(\$600,000)	\$0	\$0	\$0	\$0	\$0
	Watershed Protection	\$300,574,601	\$261,995,601	\$7,744,000	\$6,367,000	\$6,367,000	\$6,367,000	\$6,367,000	\$5,367,000
	Grand-Total	\$5,248,004,579	\$3,137,673,869	\$464,160,710	\$490,260,000	\$331,408,000	\$318,384,000	\$294,113,000	\$212,005,000

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 FY2019 budget year and that programmed for the period FY2020 through FY2024. 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. FY2019.

FY2019 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.

FY2020 through FY2024 (CAPITAL PROGRAM) - This represents the level of funding requested over the next five years and represents a spending plan.