

FY2020 Approved Capital Budget and Program

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CAPITAL BUDGET APPENDIX

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FY2020 Debt Affordability

	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</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	-\$76,058,000					
New Authority, IPA's	\$0	\$0	\$0	\$0	\$0	\$0
Total New Authority Affordable	\$86,942,000	\$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%	9.8%	9.8%	9.7%	9.6%
Debt as % of Full Value	2.0%	1.51%	1.45%	1.47%	1.48%	1.49%	1.50%
Debt as % of Personal Income	4.0%	3.4%	3.3%	3.3%	3.3%	3.3%	3.3%
Debt per Capita	\$3,000	\$2,384	\$2,343	\$2,425	\$2,506	\$2,586	\$2,663

Debt Service	\$155,088,346	\$170,181,530	\$175,278,004	\$179,834,097	\$183,879,133	\$188,188,039
Debt at end of fiscal year	\$1,404,292,693	\$1,392,749,713	\$1,454,374,357	\$1,516,201,896	\$1,578,656,554	\$1,640,186,730
General Fund Revenues	\$1,652,489,200	\$1,725,753,200	\$1,784,886,200	\$1,841,588,300	\$1,900,185,700	\$1,960,744,400
Estimated Full Value (000)	\$93,077,209	\$95,870,000	\$98,746,000	\$102,202,000	\$105,779,000	\$109,481,000
Total Personal Income (000)	\$41,047,000	\$42,586,000	\$44,183,000	\$45,840,000	\$47,559,000	\$49,342,000
Population	589,017	594,318	599,667	605,064	610,509	616,004

BONDS & PAYGO AFFORDABILITY
Compared with
USE OF BONDS AND PAYGO IN FY2020 APPROVED BUDGET

	Bonds Affordability					
	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>
New Authority, Normal Not used in Prior Year	163,000,000 (76,058,000)	163,000,000 -	163,000,000 -	163,000,000 -	163,000,000 -	163,000,000 -
Adjusted Affordability	86,942,000	163,000,000	163,000,000	163,000,000	163,000,000	163,000,000
Use of Bonds	145,731,700	174,879,200	164,139,000	144,907,000	110,127,000	133,614,000
	PayGo Affordability					
Fund Balance	35,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Operating Revenue - One Time	-	-	-	-	-	-
Operating Revenue - Recurring	-	-	-	-	-	-
Adjusted Affordability	35,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Use of PayGo	35,000,000	4,885,000	5,010,000	5,010,000	5,010,000	5,010,000
	Bonds & PayGo Affordability (Combined)					
Combined Availability	121,942,000	168,000,000	168,000,000	168,000,000	168,000,000	168,000,000
Use of Bonds & PayGo	180,731,700	179,764,200	169,149,000	149,917,000	115,137,000	138,624,000
Amount Over (Under) Affordability	58,789,700	11,764,200	1,149,000	(18,083,000)	(52,863,000)	(29,376,000)
Cumulative:	58,789,700	70,553,900	71,702,900	53,619,900	756,900	(28,619,100)

FY2020 Debt Affordability (with new authority as used in budget)

	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>
New Authority, Normal	\$145,731,700	\$174,879,200	\$164,139,000	\$144,907,000	\$110,127,000	\$133,614,000
Not used in prior year	\$0					
New Authority, IPA's	\$0	\$0	\$0	\$0	\$0	\$0
Total New Authority Affordable	\$145,731,700	\$174,879,200	\$164,139,000	\$144,907,000	\$110,127,000	\$133,614,000

Affordability Ratios and Guidelines

Debt Service as % of Revenue	11.5%	9.4%	9.9%	10.1%	10.1%	10.0%	9.8%
Debt as % of Full Value	2.0%	1.51%	1.51%	1.54%	1.55%	1.54%	1.49%
Debt as % of Personal Income	4.0%	3.4%	3.4%	3.4%	3.5%	3.4%	3.3%
Debt per Capita	\$3,000	\$2,384	\$2,442	\$2,540	\$2,617	\$2,663	\$2,650

Debt Service	\$155,088,346	\$171,577,785	\$181,047,173	\$186,339,333	\$189,892,578	\$191,678,861
Debt at end of fiscal year	\$1,404,292,693	\$1,451,539,413	\$1,523,083,601	\$1,583,694,510	\$1,625,662,571	\$1,632,529,250
General Fund Revenues	\$1,652,489,200	\$1,725,753,200	\$1,784,886,200	\$1,841,588,300	\$1,900,185,700	\$1,960,744,400
Estimated Full Value (000)	\$93,077,209	\$95,870,000	\$98,746,000	\$102,202,000	\$105,779,000	\$109,481,000
Total Personal Income (000)	\$41,047,000	\$42,586,000	\$44,183,000	\$45,840,000	\$47,559,000	\$49,342,000
Population	589,017	594,318	599,667	605,064	610,509	616,004

Significant Capital Projects

The presentation that follows shows that the FY2020 budget provides \$333,104,857 in appropriation authority for General County Capital Projects. This is distributed among a total of 163 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 20 capital projects (12%) account for \$265.2 million of this total amount (80%).

The table in the opposite column lists these 20 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.

Many 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 building 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	FY2020 Amount
Building Systems Renov	\$21,500,000
Road Resurfacing	\$13,675,000
All Day K and Pre K	\$11,000,000
Rd Reconstruction	\$10,913,639
Information Technology Enhance	\$7,737,000
County Facilities & Sys Upgrad	\$7,379,000
Additions	\$6,000,000
Maintenance Backlog	\$5,900,000
Security Related Upgrades	\$5,818,000
Recurring Subtotal	\$89,922,639
Health and Life Sciences Bldg	\$45,394,000
Crofton Area HS	\$24,422,000
Edgewater ES	\$24,009,000
Tyler Heights ES	\$19,280,000
Richard Henry Lee ES	\$16,322,000
Old Mill West HS	\$10,007,000
Broadneck Peninsula Trail	\$9,350,000
Quiet Waters Retreat	\$8,175,000
Public Safety Support	\$7,012,000
Millersville Park Tennis Ctr	\$6,530,000
George Cromwell ES	\$4,742,000
Non-Recurring Subtotal	\$175,243,000
Total	\$265,165,639

Health and Life Sciences 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.

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.

Edgewater ES (total cost estimate: \$50.0 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.

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.

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.

Old Mill West HS (total cost estimate: \$145.0 million)

This project will provide for a new high school within the Old Mill feeder zone. This new high school, along with another new high school in this feeder system for which design funds are programmed in FY25, will ultimately replace the existing Old Mill HS. The impact on the operating budget is anticipated to be \$1 to \$2 million/yr.

Broadneck Peninsula Trail (total cost estimate: \$18.4 million)

This Project provides for a paved multiuse trail running from Sandy Point State Park to the B & A Trail. The prior approved and FY20 funding is sufficient to complete the connection between College Parkway East and the B & A Trail. The impact on the operating budget is anticipated to be \$100,000 to \$500,000/yr.

Quiet Waters Retreat (total cost estimate: \$8.2 million)

This project provides for the acquisition of an approximately 19 acre parcel of property located on the South River and adjacent to the County's Quiet Waters Park. The impact on the operating budget is anticipated to be less than \$100,000/yr.

Public Safety Support (total cost estimate: \$7.6 million)

This project provides for the removal of the current mobile trailers utilized as Drug and DNA Crime Lab and Property Management, and to construct a new facility to house the Crime Lab, Evidence Collection and Forensic Firearms Lab. The impact on the operating budget is anticipated to \$100,000 to \$500,000/yr.

Millersville Park Tennis Ctr (total cost estimate: \$7.5 million)

This project provides for roads, parking, utilities, storm water management and outdoor courts related to a more comprehensive indoor - outdoor tennis facility at the 33 acre Millersville Park site on Millersville Road. The indoor courts and related support facilities will be designed and constructed by the Tennis Alliance of Anne Arundel County under a future lease agreement. The impact on the operating budget is anticipated to be \$100,000 to \$500,000/yr.

George Cromwell ES (total cost estimate: \$36.3 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.

Project Class Summary

Council Approved

Project Class	Total	Prior	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025
General County	\$359,501,089	\$198,104,889	\$18,359,200	\$37,975,000	\$29,509,000	\$24,583,000	\$27,411,000	\$23,559,000
Public Safety	\$234,271,555	\$103,306,555	\$11,849,000	\$46,841,000	\$38,475,000	\$4,625,000	\$18,150,000	\$11,025,000
Recreation & Parks	\$252,077,202	\$114,203,984	\$47,561,018	\$29,059,200	\$17,378,000	\$23,269,000	\$12,208,000	\$8,398,000
Roads & Bridges	\$507,998,511	\$205,336,872	\$34,167,639	\$75,503,000	\$77,814,000	\$46,431,000	\$30,285,000	\$38,461,000
Traffic Control	\$39,985,414	\$18,785,414	\$3,460,000	\$3,900,000	\$3,460,000	\$3,460,000	\$3,460,000	\$3,460,000
Dredging	\$30,273,931	\$15,565,931	\$3,708,000	\$2,200,000	\$2,200,000	\$2,200,000	\$2,200,000	\$2,200,000
Water Quality Improvements	\$14,757,607	\$14,757,607	\$0	\$0	\$0	\$0	\$0	\$0
Stormwater Runoff Controls	\$1,350,792	\$1,350,792	\$0	\$0	\$0	\$0	\$0	\$0
Special Benefit Districts	\$648,700	\$648,700	\$0	\$0	\$0	\$0	\$0	\$0
School Off-Site	\$2,491,000	\$991,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
Board of Education	\$2,112,802,213	\$1,288,512,213	\$161,933,000	\$174,765,000	\$217,705,000	\$126,978,000	\$77,802,000	\$65,107,000
Community College	\$175,197,000	\$69,973,000	\$49,194,000	\$33,981,000	\$2,180,000	\$4,072,000	\$9,836,000	\$5,961,000
Library	\$81,789,648	\$42,121,648	\$2,623,000	\$350,000	\$350,000	\$350,000	\$2,763,000	\$33,232,000
Sub-Total General County	\$3,813,144,663	\$2,073,658,606	\$333,104,857	\$404,824,200	\$389,321,000	\$236,218,000	\$184,365,000	\$191,653,000
Waste Management	\$78,250,756	\$48,384,756	\$20,566,000	\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000	\$3,540,000
Sub-Total Solid Waste	\$78,250,756	\$48,384,756	\$20,566,000	\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000	\$3,540,000
Wastewater	\$972,575,455	\$691,785,094	\$69,224,242	\$65,982,390	\$45,693,729	\$40,144,000	\$29,873,000	\$29,873,000
Water	\$543,398,236	\$287,835,531	\$54,671,420	\$79,393,285	\$46,261,000	\$27,404,000	\$27,359,000	\$20,474,000
Sub-Total Utility	\$1,515,973,691	\$979,620,625	\$123,895,662	\$145,375,675	\$91,954,729	\$67,548,000	\$57,232,000	\$50,347,000
Watershed Protection & Restor.	\$361,446,666	\$265,030,066	\$9,831,600	\$8,117,000	\$8,117,000	\$18,117,000	\$18,117,000	\$34,117,000
Sub-Total Watershed Protection	\$361,446,666	\$265,030,066	\$9,831,600	\$8,117,000	\$8,117,000	\$18,117,000	\$18,117,000	\$34,117,000
Grand-Total	\$5,768,815,775	\$3,366,694,052	\$487,398,119	\$559,756,875	\$490,832,729	\$323,323,000	\$261,154,000	\$279,657,000

Funding Source Summary

Council Approved

Project	Project Title	Total	Prior	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025
General County									
Bonds									
	General County Bonds	\$1,991,436,959	\$1,118,039,059	\$145,731,700	\$174,879,200	\$164,139,000	\$144,907,000	\$110,127,000	\$133,614,000
	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	\$21,000	\$21,000	\$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
	PPI Fund Bonds	\$250,000,000	\$0	\$0	\$100,000,000	\$135,000,000	\$15,000,000	\$0	\$0
	Bonds	\$2,242,267,959	\$1,118,870,059	\$145,731,700	\$274,879,200	\$299,139,000	\$159,907,000	\$110,127,000	\$133,614,000
PayGo									
	Enterprise PayGo	\$7,383,000	\$4,572,000	\$628,000	\$530,000	\$470,000	\$383,000	\$400,000	\$400,000
	Solid Wst Mgmt PayGo	\$1,811,000	\$1,102,000	\$159,000	\$133,000	\$117,000	\$100,000	\$100,000	\$100,000
	General Fund PayGo	\$204,550,725	\$144,625,725	\$35,000,000	\$4,885,000	\$5,010,000	\$5,010,000	\$5,010,000	\$5,010,000
	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	\$216,501,425	\$153,056,425	\$35,787,000	\$5,548,000	\$5,597,000	\$5,493,000	\$5,510,000	\$5,510,000
Impact Fees									
	Hwy Impact Fees Dist 1	\$13,094,000	\$16,859,000	(\$5,765,000)	\$2,000,000	\$0	\$0	\$0	\$0
	Hwy Impact Fees Dist 2	\$14,943,000	\$6,976,000	(\$2,435,000)	\$3,702,000	\$5,300,000	\$700,000	\$700,000	\$0
	Hwy Impact Fees Dist 3	\$5,928,750	\$2,809,750	\$3,119,000	\$0	\$0	\$0	\$0	\$0
	Hwy Impact Fees Dist 4	\$25,970,000	\$23,458,000	(\$458,000)	\$3,770,000	(\$400,000)	(\$400,000)	\$0	\$0
	Hwy Impact Fees Dist 5	\$7,421,000	\$6,521,000	\$200,000	\$300,000	\$200,000	\$200,000	\$0	\$0
	Hwy Impact Fees Dist 6	\$11,150,000	\$7,100,000	\$2,650,000	\$600,000	\$400,000	\$400,000	\$0	\$0
	Impact Fees - Ed	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Ed Impact Fees Dist 1	\$63,963,500	\$41,113,500	\$11,100,000	\$3,850,000	\$2,900,000	\$2,500,000	\$2,500,000	\$0
	Ed Impact Fees Dist 2	\$7,592,600	\$4,242,600	\$2,350,000	\$350,000	\$300,000	\$350,000	\$0	\$0
	Ed Impact Fees Dist 3	\$34,254,700	\$21,054,700	\$0	\$3,493,000	\$6,907,000	\$1,400,000	\$1,400,000	\$0
	Ed Impact Fees Dist 4	\$945,800	\$945,800	\$0	\$0	\$0	\$0	\$0	\$0
	Ed Impact Fees Dist 5	\$7,614,700	\$5,114,700	\$900,000	\$400,000	\$400,000	\$400,000	\$400,000	\$0
	Ed Impact Fees Dist 6	\$12,783,000	\$9,483,000	\$1,300,000	\$500,000	\$500,000	\$500,000	\$500,000	\$0
	Ed Impact Fees Dist 7	\$1,297,500	\$1,047,500	\$250,000	\$0	\$0	\$0	\$0	\$0
	Public Safety Impact Fees	\$5,770,000	\$3,070,000	\$500,000	\$1,250,000	\$350,000	\$300,000	\$300,000	\$0
	Impact Fees	\$212,728,550	\$149,795,550	\$13,711,000	\$20,215,000	\$16,857,000	\$6,350,000	\$5,800,000	\$0
Grants & Aid									
	Fed Bridge Repair Prgm	\$7,281,000	\$5,098,000	\$689,000	\$661,000	\$833,000	\$0	\$0	\$0
	Other Fed Grants	\$115,914,617	\$110,818,978	(\$504,361)	\$0	\$2,200,000	\$2,000,000	\$1,400,000	\$0
	POS - Acquisition	\$30,294,539	\$12,298,439	\$3,112,100	\$2,084,000	\$3,200,000	\$3,200,000	\$3,200,000	\$3,200,000

Funding Source Summary

Council Approved

Project	Project Title	Total	Prior	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025
	POS - Development	\$25,137,310	\$7,113,310	\$5,936,000	\$3,088,000	\$3,000,000	\$3,000,000	\$3,000,000	\$0
	MDE Erosion & Water Qlty	\$82,000	\$82,000	\$0	\$0	\$0	\$0	\$0	\$0
	MD Waterway Improvement	\$11,719,826	\$5,265,426	\$1,454,400	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000
	Maryland Higher Education	\$65,951,000	\$9,020,000	\$22,657,000	\$26,151,000	\$115,000	\$1,560,000	\$3,943,000	\$2,505,000
	Inter-Agency Committee	\$516,578,054	\$275,533,054	\$37,715,000	\$41,953,000	\$39,520,000	\$44,338,000	\$40,615,000	\$36,904,000
	Other State Grants	\$98,167,154	\$49,097,136	\$11,990,018	\$6,190,000	\$13,990,000	\$5,500,000	\$5,900,000	\$5,500,000
	Grants & Aid	\$871,125,500	\$474,326,343	\$83,049,157	\$81,127,000	\$63,858,000	\$60,598,000	\$59,058,000	\$49,109,000
	Other								
	Developer Contribution	\$25,965,901	\$14,105,901	\$4,360,000	\$1,500,000	\$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	\$22,850,899	\$14,681,899	\$3,634,000	\$4,255,000	\$70,000	\$70,000	\$70,000	\$70,000
	E-rate Reimbursement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$171,996,000	\$113,165,000	\$43,831,000	\$15,000,000	\$0	\$0	\$0	\$0
	Video Lottery Impact Aid	\$25,837,316	\$22,136,316	\$1,201,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
	Special Fees	\$440,000	\$440,000	\$0	\$0	\$0	\$0	\$0	\$0
	Cable Fees	\$16,390,686	\$6,040,686	\$1,800,000	\$1,800,000	\$1,800,000	\$1,800,000	\$1,800,000	\$1,350,000
	Natl. Bus Park Tax Dist	\$728	\$728	\$0	\$0	\$0	\$0	\$0	\$0
	Other	\$270,521,230	\$177,610,230	\$54,826,000	\$23,055,000	\$3,870,000	\$3,870,000	\$3,870,000	\$3,420,000
	General County	\$3,813,144,663	\$2,073,658,606	\$333,104,857	\$404,824,200	\$389,321,000	\$236,218,000	\$184,365,000	\$191,653,000
	Solid Waste								
	Bonds								
	Solid Waste Bonds	\$53,414,861	\$27,764,861	\$19,125,000	\$885,000	\$885,000	\$885,000	\$885,000	\$2,985,000
	Bonds	\$53,414,861	\$27,764,861	\$19,125,000	\$885,000	\$885,000	\$885,000	\$885,000	\$2,985,000
	PayGo								
	Solid Wst Mgmt PayGo	\$6,417,894	\$2,401,894	\$1,241,000	\$555,000	\$555,000	\$555,000	\$555,000	\$555,000
	SW Financial Assurance PayGo	\$15,722,000	\$15,522,000	\$200,000	\$0	\$0	\$0	\$0	\$0
	General Fund PayGo	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	PayGo	\$22,139,894	\$17,923,894	\$1,441,000	\$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	\$78,250,756	\$48,384,756	\$20,566,000	\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000	\$3,540,000

Funding Source Summary

Council Approved

Project	Project Title	Total	Prior	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025
Utility									
Bonds									
	Water Bonds	\$467,449,739	\$251,524,034	\$49,412,420	\$73,911,285	\$39,185,000	\$20,218,000	\$20,165,000	\$13,034,000
	WasteWater Bonds	\$715,230,923	\$498,314,562	\$42,509,242	\$57,335,390	\$38,399,729	\$32,968,000	\$22,752,000	\$22,952,000
	Bonds	\$1,182,680,663	\$749,838,597	\$91,921,662	\$131,246,675	\$77,584,729	\$53,186,000	\$42,917,000	\$35,986,000
PayGo									
	WasteWater PayGo	\$82,895,244	\$39,392,244	\$10,344,000	\$7,847,000	\$6,494,000	\$6,376,000	\$6,321,000	\$6,121,000
	Water PayGo	\$68,935,921	\$26,598,921	\$3,959,000	\$6,282,000	\$7,876,000	\$7,986,000	\$7,994,000	\$8,240,000
	PayGo	\$151,831,165	\$65,991,165	\$14,303,000	\$14,129,000	\$14,370,000	\$14,362,000	\$14,315,000	\$14,361,000
Grants & Aid									
	Other Fed Grants	\$3,074,613	\$3,074,613	\$0	\$0	\$0	\$0	\$0	\$0
	Other State Grants	\$121,653,618	\$118,272,618	\$3,381,000	\$0	\$0	\$0	\$0	\$0
	Grants & Aid	\$124,728,231	\$121,347,231	\$3,381,000	\$0	\$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	\$46,783,000	\$32,493,000	\$14,290,000	\$0	\$0	\$0	\$0	\$0
	User Connections	(\$3)	(\$3)	\$0	\$0	\$0	\$0	\$0	\$0
	Other	\$56,733,632	\$42,443,632	\$14,290,000	\$0	\$0	\$0	\$0	\$0
	Utility	\$1,515,973,691	\$979,620,625	\$123,895,662	\$145,375,675	\$91,954,729	\$67,548,000	\$57,232,000	\$50,347,000
Watershed Protection									
Bonds									
	WPRF Bonds	\$350,569,666	\$255,874,066	\$8,110,600	\$8,117,000	\$8,117,000	\$18,117,000	\$18,117,000	\$34,117,000
	Bonds	\$350,569,666	\$255,874,066	\$8,110,600	\$8,117,000	\$8,117,000	\$18,117,000	\$18,117,000	\$34,117,000
Grants & Aid									
	Other State Grants	\$4,566,000	\$2,845,000	\$1,721,000	\$0	\$0	\$0	\$0	\$0
	Grants & Aid	\$4,566,000	\$2,845,000	\$1,721,000	\$0	\$0	\$0	\$0	\$0
Other									
	Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Project Reimbursement	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$5,311,000	\$5,311,000	\$0	\$0	\$0	\$0	\$0	\$0
	Other	\$6,311,000	\$6,311,000	\$0	\$0	\$0	\$0	\$0	\$0
	Watershed Protection	\$361,446,666	\$265,030,066	\$9,831,600	\$8,117,000	\$8,117,000	\$18,117,000	\$18,117,000	\$34,117,000
	Grand-Total	\$5,768,815,775	\$3,366,694,052	\$487,398,119	\$559,756,875	\$490,832,729	\$323,323,000	\$261,154,000	\$279,657,000

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.

FY2020 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.

FY2021 through FY2025 (CAPITAL PROGRAM) - This represents the level of funding requested over the next five years and represents a spending plan.