

CAPITAL IMPROVEMENT PROGRAM

Capital Improvement Program (CIP)

The CIP is a long-term planning and budget process which is reviewed annually to assist County Officials with the task of planning, constructing and financing public infrastructure. The CIP consists of a number of capital projects and is categorized as: Board of Education, College of Southern Maryland, General Government, Parks, Transportation, Sewer, Water, Watershed Protection and Restoration, Environmental Services, and Solid Waste. These projects are planned for over a five-year increment. Budget funds are appropriated by the County Commissioners for the most current fiscal year of the CIP. The "out years" (years following the approved fiscal year) are adopted for planning purposes only. Project costs in the "out years" are adjusted to reflect the anticipated consumer price index. A forward-looking CIP prepares the County to meet its obligation for the needs of the community and the financial resources available to fund those needs.

A capital project is defined as a project of a non-recurring nature and involves purchasing land, constructing a new facility, renovating or expanding an existing facility, and equipping new facilities. Although there are many definitions of what constitutes a capital project, the County considers projects that exceed \$15,000 and have a service life of 10 years or more as a capital project. This definition is intended to exclude routine maintenance costs, such as painting, which would be budgeted within the operating budget.

The CIP program is divided into two categories, **Governmental Projects** and **Enterprise Fund Projects**. Governmental projects include Board of Education, College of Southern Maryland, General Government, Parks, and Transportation. These projects are funded directly through general obligation bonds, operating revenues, loans, state or federal grants, donations, and developer contributions. Project budgets and the accounting of these projects are tracked in a separate Capital Project Fund. Debt payments associated with the financing for these projects are recovered by the taxing authority of the County and accounted for in the General Fund Operating Budget.

Enterprise Fund projects include Sewer, Water, Watershed Protection and Restoration, Environmental Services, and Solid Waste projects. Financing for these projects are provided from revenue bonds, operating revenue, and federal or state grants. Project revenue and expenditures are accounted for in their respective Enterprise Funds. User fees are adjusted annually to support the associated capital or debt service costs associated with the CIP.

Capital Project Fund

The Capital Project Fund is used to account for the acquisition and construction of major capital facilities other than those financed by Enterprise Funds. The Capital Project Fund budget represents the approved current year of governmental fund type projects.

Capital Project Revenues

There are several types of revenues supporting the CIP. Customary revenue sources for the CIP include: Operating transfers (Pay-go), developer contributions, grants from Federal or State agencies, private sector donations, operating revenues, and long-term debt instruments such as loans or bond issues.

Pay-Go funding provides revenue for a project from current operating revenues, such as tax revenue, user fees, etc. The County typically uses this type of financing for projects that are relatively low in cost, have short life spans, or as a supplement to long-term financing. The advantage of Pay-go financing is that interest expense is not added to the cost of the project. One disadvantage of Pay-go financing is that tax rate, fees, or other revenue sources may have to be increased significantly to provide the revenues. Additionally, the cost of the asset is fully paid for by the taxpayers in one year, although the asset will benefit future taxpayers.

The primary source of funds available to local governments is long-term financing, typically done through bond issues. Long-term financing is similar to a home mortgage. Cost to construct is spread over many years with an interest cost so as to make the acquisition affordable. General Obligation bonds are legally binding agreements to pay a specified sum of money, at specified dates in the future, together with periodic interest at a specified rate. These bonds are backed by the full faith and credit of the government. The financial impact of payments for general obligation bonds on taxpayers is much easier to manage than the burden of Pay-go financing of a capital project. A disadvantage of long-term financing is that the total cost of financing a project is greater due to the related interest expense.

To ease the burden on both operating revenues and the amount of long-term debt being issued by local governments, many counties have initiated a program with developers to accept developer contributions to assist in financing projects related to new growth. Charles County has adopted fees for water & sewer facilities, and road improvements.

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The County Commissioners, by virtue of Article 24, Section 9-10B-01, of the Annotated Code of Maryland, can issue bonds necessary for school construction related to additional capacity. The revised legislation allows the County to assess and collect an excise tax on new home starts to pay for the debt service associated with the new bond authority. These regulations are adopted for the purpose of promoting the health, safety and general welfare of the residents of Charles County by:

- A. Requiring new residential development to pay its proportionate fair share of the capital facilities or funds necessary to accommodate new residential development impacts on public schools.
- B. Complementing the subdivision and zoning regulations of the Charles County Code by requiring that new residential development within the county be assessed an excise tax for its share of costs attributable to the development for its impacts on public school facilities as well as satisfying any other applicable requirements.
- C. Implementing the County Comprehensive Plan to help ensure that adequate school facilities are available in a timely and well-planned manner.

Other sources of funding from outside organizations include: individual communities, state, federal, and corporate sources. Finally, the Commissioners could choose to make an appropriation from fund balance or retained earnings within a fund. Fund balance is the difference between fund assets and fund liabilities of governmental, and would be similar to a personal savings account. The FY2014 budget was appropriated using \$1.2 million of fund balance reserves from the General Fund to fund projects that are inappropriate for long-term debt issuance and to utilize funds previously set aside to fund capital projects.

Trends and Assumptions for Estimates

On an annual basis the County develops five-year operating and capital budgets to measure the costs associated with required financing. To determine the amount of long-term debt, each project is reviewed for estimated useful life, dollar amount, and other revenue sources. Other revenue sources are subtracted from the project cost leaving the net cost to be financed with long-term debt. General fund revenues are estimated over a five-year period to determine the amount of revenue to be dedicated to fund additional long-term debt without creating an undue burden on the fund. Per the County's Debt Policy, the General Fund debt service will not exceed 8% of the operating budget. New water and sewer connection fees are estimated from a combination of historical trends and planning estimates and are applied to the debt service needed to construct central water and sewer systems. Historical trends in solid waste trash tons at the County-owned landfill are reviewed and trends are developed to project future revenue available for future landfill construction.

These revenue trends can often be sporadic. The operating transfer or "pay-go" funding is certain and fixed at the time of adoption. These funds are transferred during the beginning of each fiscal year. The other sources of revenue are not always received as planned. For example, many of the grant oriented projects are on a reimbursement basis; therefore revenues are received parallel to the construction schedule. The construction schedule can be subject to changes in the weather, land acquisition, right-of-way, changes in federal and state regulations, and occasionally contract disputes with contractors. These changes in construction timelines impact the bond funding decisions due to changes in the cashflow requirements.

The amount of excise tax bonds to be issued in order to fund new school construction is dependent upon the amount of revenues that are expected from the excise tax levy. The excise tax levied for school construction is based on the number of new home starts within the County. The tax is adopted annually and the rate is as follows:

Dwelling Type	FY14 Excise Tax
Single Family Detached	\$13,139
Townhouse	\$12,461
Multi-Family	\$9,482

The number of new starts is estimated based on both historical and assumed future construction. These changing trends and compounding variables are the main reason for capital project planning on a five-year basis.

Project costs are estimated by the Board of Education, College of Southern Maryland, County Departments of Planning & Growth Management and Public Works. Instead of adding inflationary costs to each individual project that is submitted by the project managers, a separate consolidated "Contingency- Inflation" account has been established. The account will be used as a reserve when needed to add additional funds to a project if/when inflation occurs. This method allows us to financially plan for cost inflation while at the same time present projects in today's dollars. Costs will be revised during each CIP cycle and the Contingency- Inflation account will be adjusted as needed.

CAPITAL IMPROVEMENT PROGRAM

Comprehensive Plan

Preserving open spaces. Enhancing transportation. These concepts and others drive the vision for the Comprehensive Plan, a long range plan that guides policy, investment, program, and land use decisions within the County. The Comprehensive Plan update process is now underway, and public input is essential to producing an enhanced Plan that reflects community consensus and identifies ways to maintain Charles County as an ideal place to live, work, shop, and recreate.

Under state law (Article 66B), the County must review its Comprehensive Plan every six years. The County's first Comprehensive Plan was adopted in 1974 and the latest update (the "current" Comprehensive Plan) was completed in 2006. The Comprehensive Plan will be the framework for land use, growth management, rural/agricultural policies, economic development, water resources, natural environmental resources, community facilities, and energy efficiency decisions through approximately 2040.

The 2013 Plan is being developed through a scenario (options) approach, which differs from prior Comprehensive Plans. This process provides numerous opportunities for the public to learn about and provide input into the Plan. Work Sessions on Comprehensive Plan Comments are scheduled in May and June of 2013.

Deferred Capital Improvement Projects

The following is a list of projects that were either deferred, removed, did not require additional funding, or the scope of the project was altered substantially from the prior approved FY13-FY17 Capital Improvement Program.

Parks

- Tennis Court Improvements

Transportation

- Bryans Road Subarea Plan Implementation

Water and Sewer

- Benedict Central Sewer System

Watershed Protection & Restoration

- Hoghole Run Living Shoreline
- Jennie Run Subwatershed Restoration

All projects were scrutinized and some projects were delayed while still remaining part of the adopted FY14-FY18 Capital Improvement Program. A comparison to the FY13-FY17 Capital Improvement Program is provided on the bottom of each project page which highlights the changes in the timing and amount of funds for the project.

Capital Project Impacts on Operating Budget

The major operating budgets and capital budgets are tied directly together with the use of five-year financial plans. A plan is developed for each of the major funds involving capital construction: general and enterprise. These plans are then reviewed prior to the capital budget request. Once the level of debt is established and the scope of construction is planned, then the operating impacts are reviewed a second time. Additional infrastructure usually results in more operating costs. These costs include, staff, maintenance, additional debt for lease payments, and other expenses.

The County recognizes the need to link capital and operating budgets together; therefore, each project request is required to have an estimate of the costs to operate the completed project or in some cases a project may actually generate cost savings. The estimates can be seen on the bottom of each project page in the Capital Project section of this book. Each request is reviewed and included in the CIP, as well as, factored into other five-year financial models relating to the operating budgets. By so doing, the County Commissioners can visualize the operating impact of the CIP on such things as water and sewer user fee rates and tax rate changes.

The cumulative operating impacts of Capital Projects are included in this section and incorporated into the 5-Year Plans in the Financial Planning portion of this book. By the end of FY18, the current FY14-FY18 CIP would result in the need to add an additional \$679,400 to the General Fund budget for operating cost related to the various Government building and parks, an estimated \$10.2 million increase in funding for the Board of Education due to the opening of a new High School, and \$96,100 for the College of Southern Maryland for new buildings. Operating Impacts are also shown for projects with impacts beyond FY18 in order to capture the operating side of capital projects that are being constructed in FY14-FY18. Water and Sewer CIP impacts are estimated to result in operating increases totaling \$68,700 in FY19. Cost estimates are reviewed and updated annually.

CUMULATIVE CIP OPERATING IMPACTS

FY2014-FY2018 CAPITAL IMPROVEMENT PROGRAM

(\$ in thousands)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Beyond FY 2018	PERSONNEL
GOVERNMENTAL OPERATIONS							
BOARD OF EDUCATION							
St. Charles High School							
No. of Personnel	0.00	57.50	74.50	74.50	74.50	74.50	Administrative Staff 4.00
Personnel Costs	\$0.0	\$5,489.0	\$6,454.0	\$6,776.7	\$7,099.4	\$7,454.4	Support Staff 14.00
Operating	0.0	2,709.0	2,820.0	2,876.4	3,108.9	3,202.2	Teachers 23.00
Start-Up Cost	0.0	696.2	590.0	0.0	0.0	0.0	Special Education 21.50
Total Operating	\$0.0	\$8,894.2	\$9,864.0	\$9,653.1	\$10,208.3	\$10,656.6	Other 12.00
Elementary School #3 *							
No. of Personnel	0.00	0.00	0.00	0.00	0.00	78.40	Administrative Staff 2.00
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$6,205.7	Support Staff 11.80
Operating	0.0	0.0	0.0	0.0	0.0	496.8	Teachers 49.10
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	2,263.6	Special Education 0.50
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$8,966.1	Other 15.00
* Operating Impact represents the estimated full cost of a new Elementary School. This estimate may be reduced for staff added over the years in relation to student growth that may be transferred to the new school.							
Total Board of Education	\$0.0	\$8,894.2	\$9,864.0	\$9,653.1	\$10,208.3	\$19,622.7	
COLLEGE OF SOUTHERN MARYLAND							
Continuing Education Building Renovation/Addition							
No. of Personnel	0.00	2.00	2.00	2.00	2.00	2.00	Facilities & Grounds Technicians 2.00
Personnel Costs	\$0.0	\$99.2	\$101.0	\$105.6	\$110.3	\$114.9	
Operating	0.0	224.1	224.1	228.4	232.7	239.2	
Total Operating	\$0.0	\$323.3	\$325.1	\$334.0	\$343.0	\$354.1	
Center for Trades and Energy Training Building							
No. of Personnel	0.00	2.00	2.00	2.00	2.00	2.00	Facilities & Grounds Technicians 2.00
Personnel Costs	\$0.0	\$94.5	\$99.2	\$104.0	\$108.7	\$117.2	
Operating	0.0	183.9	187.6	191.3	194.9	204.1	
Operating (Rental Savings)	0.0	(278.0)	(283.6)	(289.1)	(294.7)	(308.6)	
Start-Up Cost	0.0	12.0	0.0	0.0	0.0	0.0	
Total Operating	\$0.0	\$12.4	\$3.2	\$6.2	\$8.9	\$12.7	
Healthcare Training Facility							
No. of Personnel	0.00	0.00	0.00	0.00	0.00	2.00	Facilities & Grounds Technicians 2.00
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$119.5	
Operating	0.0	0.0	0.0	0.0	0.0	194.3	
Start-Up Cost	0.0	0.0	0.0	0.0	0.0	277.5	
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$591.3	
Total College of So. MD	\$0.0	\$335.7	\$328.3	\$340.2	\$351.9	\$958.1	
less: other funding	0.0	(244.0)	(238.6)	(247.3)	(255.8)	(696.4)	
Estimated County Cost	\$0.0	\$91.7	\$89.7	\$92.9	\$96.1	\$261.7	
COUNTY GOVERNMENTAL OPERATIONS							
Multi-Generational Center							
No. of Personnel	0.00	0.00	0.00	9.02	9.02	9.02	Facility Maint. Tech II 1.00
Personnel Costs	\$0.0	\$0.0	\$0.0	\$402.1	\$422.2	\$443.3	Custodial Wkr. II 1.00
Operating	0.0	0.0	0.0	273.6	120.6	124.2	Grounds Mnt. Wkr. 1.00
Total Operating	\$0.0	\$0.0	\$0.0	\$675.7	\$542.8	\$567.5	Senior Center Coordinator 0.07
Vehicle & Equipment Lease	0.0	0.0	0.0	2.4	4.9	4.9	Office Associate 1.00
Total Impact	\$0.0	\$0.0	\$0.0	\$678.1	\$547.7	\$572.4	Fitness Coordinator 1.00
							I&A Program Specialist 1.00
							PT Program Assistants 1.92
							PT Fitness Instructors 1.03
Detention Center Intake Area							
No. of Personnel	0.00	0.00	0.62	0.62	0.62	0.62	Part Time 0.62
Personnel Costs	\$0.0	\$0.0	\$14.9	\$15.6	\$16.4	\$17.2	
Operating	0.0	0.0	43.8	44.7	45.6	47.0	
Total Operating	\$0.0	\$0.0	\$58.7	\$60.3	\$62.0	\$64.2	
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	
Total Impact	\$0.0	\$0.0	\$58.7	\$60.3	\$62.0	\$64.2	
Lighting Retrofit							
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
Operating	0.0	0.0	(3.7)	(7.6)	(11.6)	(11.9)	
Total Operating	\$0.0	\$0.0	(\$3.7)	(\$7.6)	(\$11.6)	(\$11.9)	
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	
Total Impact	\$0.0	\$0.0	(\$3.7)	(\$7.6)	(\$11.6)	(\$11.9)	

CUMULATIVE CIP OPERATING IMPACTS

FY2014-FY2018 CAPITAL IMPROVEMENT PROGRAM

(\$ in thousands)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Beyond FY 2018	
COUNTY GOVERNMENTAL OPERATIONS							
Port Tobacco Historic District Revitalization							
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
Operating	0.0	15.8	16.1	16.5	16.8	17.3	
Total Operating	\$0.0	\$15.8	\$16.1	\$16.5	\$16.8	\$17.3	
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	
Total Impact	\$0.0	\$15.8	\$16.1	\$16.5	\$16.8	\$17.3	
Welcome Signage							
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
Operating	0.0	1.9	4.5	6.5	6.6	6.8	
Total Operating	\$0.0	\$1.9	\$4.5	\$6.5	\$6.6	\$6.8	
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	
Total Impact	\$0.0	\$1.9	\$4.5	\$6.5	\$6.6	\$6.8	
Sheriff's Office Improvements							
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
Operating	0.0	23.4	23.9	24.4	24.8	25.6	
Total Operating	\$0.0	\$23.4	\$23.9	\$24.4	\$24.8	\$25.6	
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	
Total Impact	\$0.0	\$23.4	\$23.9	\$24.4	\$24.8	\$25.6	
Milton Somers Football Stadium Improvements							
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
Operating	0.0	0.0	1.3	1.3	1.3	1.4	
Total Operating	\$0.0	\$0.0	\$1.3	\$1.3	\$1.3	\$1.4	
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	
Total Impact	\$0.0	\$0.0	\$1.3	\$1.3	\$1.3	\$1.4	
Oak Ridge Development Phase II							
No. of Personnel	0.00	0.00	0.00	0.15	0.15	0.15	Part Time II 0.15
Personnel Costs	\$0.0	\$0.0	\$0.0	\$3.9	\$4.1	\$4.3	
Operating	0.0	0.0	0.0	10.7	10.9	11.3	
Total Operating	\$0.0	\$0.0	\$0.0	\$14.6	\$15.0	\$15.6	
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	
Total Impact	\$0.0	\$0.0	\$0.0	\$14.6	\$15.0	\$15.6	
Sprayground							
No. of Personnel	0.00	0.00	0.00	0.00	0.21	0.21	Part Time 0.21
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$4.9	\$5.2	
Operating	0.0	0.0	0.0	0.0	5.3	5.5	
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$10.2	\$10.7	
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$10.2	\$10.7	
Gilbert Run/Oak Ridge Connection Trail							
No. of Personnel	0.00	0.00	0.00	0.00	0.06	0.11	Part Time 0.11
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$1.4	\$2.9	
Operating	0.0	0.0	0.0	0.0	4.4	8.8	
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$5.8	\$11.7	
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.8	1.7	
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$6.6	\$13.4	
Total Governmental Operations	\$0.0	\$41.1	\$100.8	\$794.1	\$679.4	\$715.5	
TOTAL GOVERNMENTAL IMPACT							
No. of Personnel							
Board of Education	0.00	57.50	74.50	74.50	74.50	152.90	
College of Southern Maryland	0.00	4.00	4.00	4.00	4.00	6.00	
Governmental Operations	0.00	0.00	0.62	9.78	10.05	10.10	
Total Personnel	0.00	61.50	79.12	88.28	88.55	169.00	
Board of Education	\$0.0	\$8,894.2	\$9,864.0	\$9,653.1	\$10,208.3	\$19,622.7	
College of Southern Maryland	0.0	91.7	89.7	92.9	96.1	261.7	
Governmental Operations	0.0	41.1	100.8	794.1	679.4	715.5	
Total Impact	\$0.0	\$9,027.0	\$10,054.5	\$10,540.1	\$10,983.8	\$20,599.9	

CUMULATIVE CIP OPERATING IMPACTS

FY2014-FY2018 CAPITAL IMPROVEMENT PROGRAM

(\$ in thousands)

WATER & SEWER

Hughesville Package Treatment Plant

	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>Beyond FY 2018</u>
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Operating	0.0	0.0	0.0	0.0	0.0	68.7
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$68.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$68.7

Understanding a Capital Improvement Project Budget Form

Please refer to the blank capital budget form on the following page.
(all amounts are listed in thousands)

1. The Project Name is listed.
2. Represents how a water and/or sewer project is funded. The percentages listed here indicate the percentage of the project that is funded by Connection Fees or by User Fees as well as if the project is split between Water and Sewer.
3. Requested by: indicates the requesting Department which will be the Project Manager.
4. The Project Number is the internal number used for project tracking.
5. Expense Budget: lists the Approved FY2014 and tentatively approved FY2015-FY2018 expenditure budgets by category.
6. Prior Appropriation thru FY13 lists the amounts approved for this project to date.
7. Beyond FY2018 lists the future cost for the project that is outside the five-year planning model.
8. Project Total: the total cost of the project, including prior appropriations, amount being requested in the current five-year Capital Improvement Program, as well as any future cost (beyond FY18).
9. Financing Sources: lists the Approved FY2014 and tentatively approved FY2015-FY2018 revenue budgets by account classification; a subtotal of County Funding is provided.
10. It is necessary to provide an Operating Impact for Capital Improvement Projects in order to prepare for the completion of these projects. Some projects such as maintenance related projects do not have operating impacts and in some instances actually provide operating savings through the efficiency of replacing worn out equipment. Other projects related to constructing new buildings or parks will have an impact on future operating budgets upon completion.
11. Number of Personnel that will be required to staff the new facility or park.
12. The incremental impact in dollars for Personnel, Operating, and Start-up costs for schools, when appropriate.
13. The amount of future debt service payments associated with the Bond funding of the project.
14. Vehicle & Equipment Lease Payments: payments are associated with required equipment that has a value of more than \$5K and a life expectancy of more than 5 years.
15. The Approved FY13-FY17 Capital Improvement Program figures are provided and compared to the new FY14-FY18 Capital Improvement Program.
16. The Planning Commission reviews all projects annually and provides a report to the Commissioners and the Maryland Department of Planning to satisfy State Reporting requirements. The Planning Commission identifies Priority projects that support and promote the goals and objectives of the County's Comprehensive Plan. The Planning Commissions comments and priority indication are provided.
17. The Location section provides information as to where in the County the project is going to occur.

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME:	Requested By:	Project #:
1.	2.	3. 4.

EXPENSE BUDGET	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total 14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Architectural & Engineering									
Land & ROW									
Construction									
Equipment									
Administration			5.				6.	7.	8.
Inspection									
Miscellaneous									
Contingency									
Total Outlay									

FINANCING SOURCES	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total 14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Bonds									
Fund Balance Appropriation									
Operating Transfer									
Total County Funding									
Federal			9.				6.	7.	8.
State									
Other:									
Total Funding									

Operating Budget Impact	10.
No. of Personnel	
Personnel Costs	11.
Operating Start-Up Cost	12.
Total Operating	13.
Debt Service: Bonds	
Vehicle & Equipment Lease	14.
Total Impact	

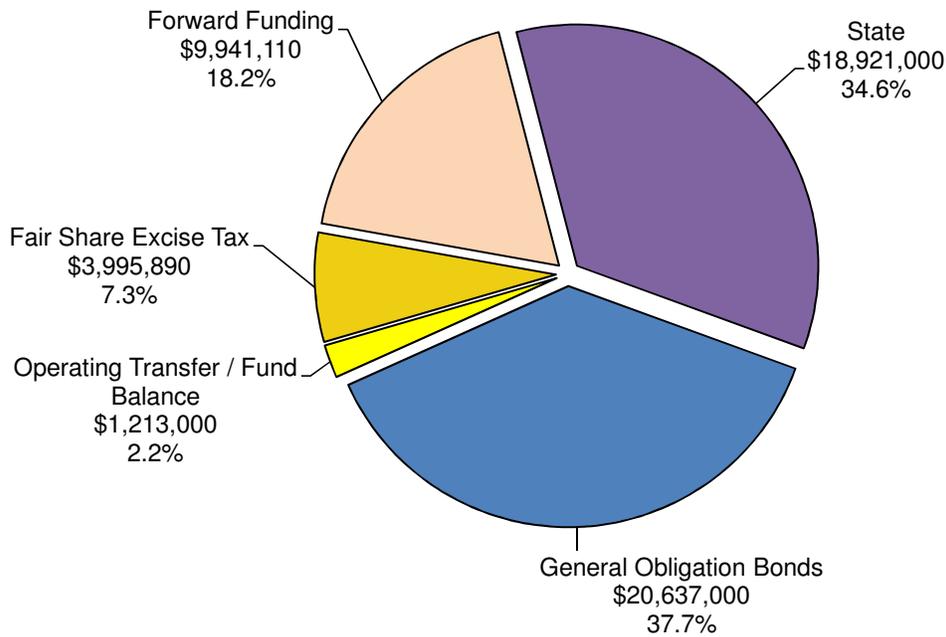
APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM 15.

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	%	%	%	%	%

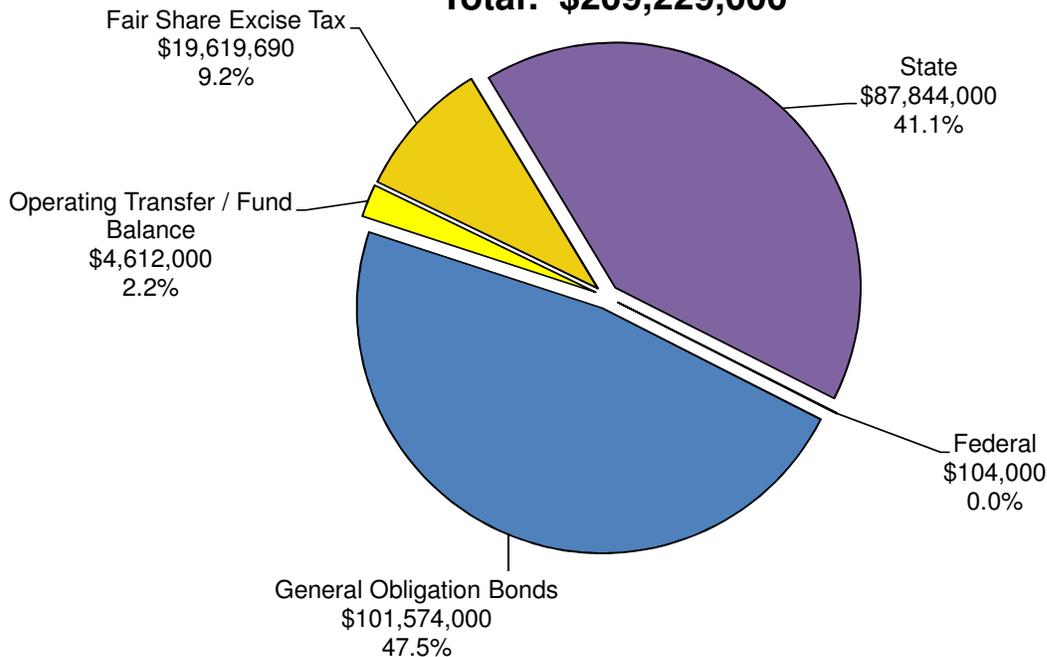
PLANNING COMMISSION COMMENTS 16.

LOCATION: 17.

FY14 Governmental Projects by Funding Source
Total: \$54,708,000



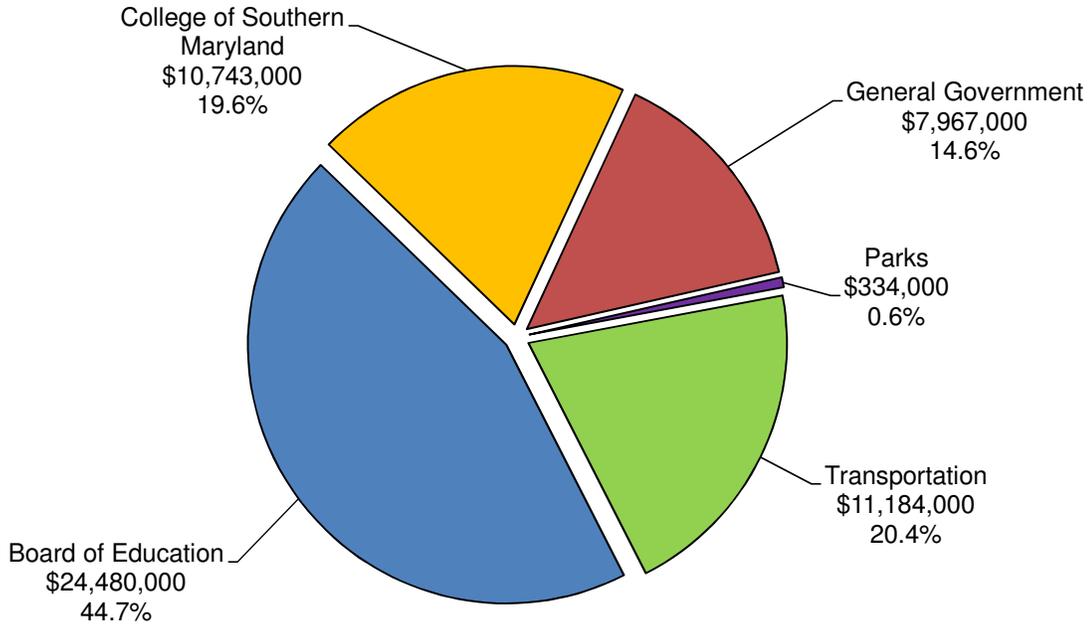
FY14-FY18 Governmental Projects by Funding Source
Total: \$209,229,000



The majority of the County's financing for infrastructure is done by issuing long-term debt in the form of bonds. After utilizing grant funds and other funding sources the County must decide whether to bond or transfer funds from the General Fund to pay for General Government projects. The County typically bonds projects that are large and will last more than 15 years and uses operating transfers from the general fund for smaller projects. Legislation enacted in FY03 allows the County to assess a school construction excise tax. The new tax replaced the school impact system fee and recovers the debt service associated with 10 year bonds that will be issued by the County specifically for the construction associated with additional capacity. Due to cashflow issues, the County has to forward fund the State's share of the St. Charles High School in FY2013 and FY2014 but will receive reimbursement in FY2015 to FY2016. The above graph does not include a reimbursement of \$4,524,690 for FY2013.

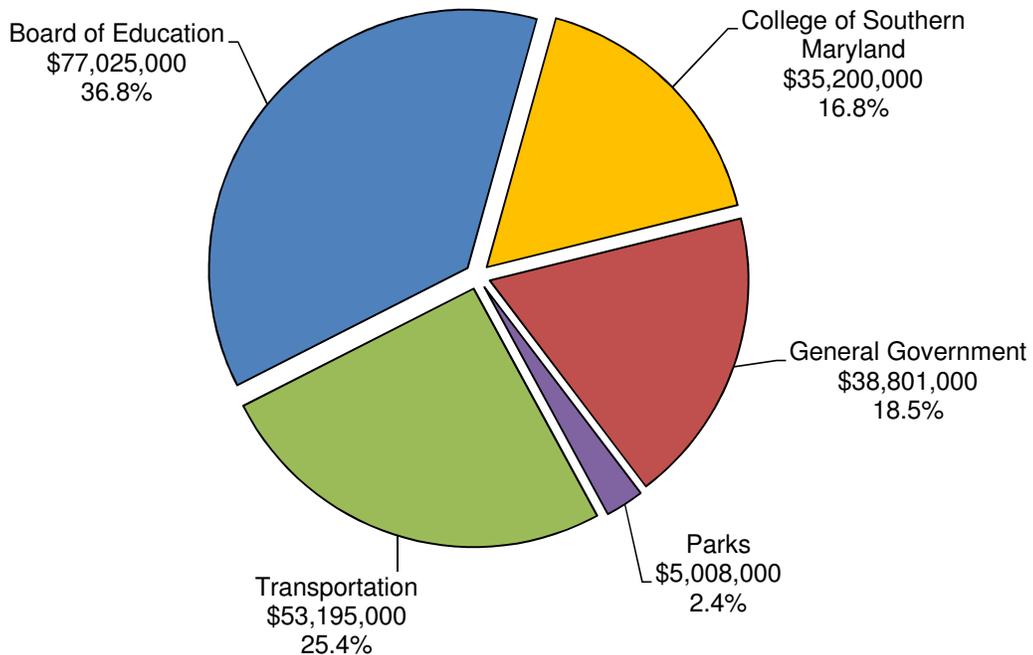
FY14 Governmental Projects by Type

Total: \$54,708,000



FY14-FY18 Governmental Projects by Type

Total: \$209,229,000



- The majority of the funding for the Board of Education represents the construction of St. Charles High School which is scheduled to open in FY15 and the construction of Elementary School #3.

- College of Southern Maryland projects are contingent on State funding which funds 75% of the costs.

**CHARLES COUNTY COMMISSIONERS OF CHARLES COUNTY, MD
FISCAL YEAR 2014 APPROVED CAPITAL PROJECT BUDGET
FY2014-FY2018 CAPITAL IMPROVEMENT PROGRAM**

(\$ in thousands)	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Prior Approp. thru FY13	Beyond FY 2018	Project Total
Governmental Projects									
CAPITAL COSTS									
Board of Education	\$24,480	\$11,186	\$3,306	\$15,932	\$22,121	\$77,025	\$59,903	\$4,414	\$141,342
College of Southern Maryland.....	10,743	2,670	8,870	927	11,990	35,200	17,353	1,277	53,830
General Government.....	7,967	13,785	8,335	5,245	3,469	38,801	3,659	3,601	46,061
Parks.....	334	1,853	1,023	1,007	791	5,008	287	511	5,806
Transportation.....	11,184	11,835	11,068	10,770	8,338	53,195	4,424	10,612	68,231
Total Governmental	\$54,708	\$41,329	\$32,602	\$33,881	\$46,709	\$209,229	\$85,626	\$20,415	\$315,270
FINANCE SOURCES									
General Obligation Bonds.....	\$20,637	\$28,400	\$20,438	\$17,428	\$14,671	\$101,574	\$22,015	\$12,929	\$136,518
Fair Share Excise Tax Bonds.....	3,996	2,203	3,306	2,322	7,792	19,620	22,223	2,530	44,372
General Fund - Fund Balance Appropriation.....	1,213	331	270	270	0	2,084	560	0	2,644
General Fund Operating Transfer.....	0	537	673	706	612	2,528	3,121	499	6,148
Total County Funding	\$25,846	\$31,471	\$24,687	\$20,726	\$23,075	\$125,806	\$47,920	\$15,957	\$189,683
Federal.....	0	104	0	0	0	104	226	0	330
State.....	18,921	15,655	16,479	13,155	23,634	87,844	31,955	4,458	124,257
Other: Forward funding State Share.....	9,941	(5,901)	(8,564)	0	0	(4,525)	5,525	0	1,000
Total Governmental	\$54,708	\$41,329	\$32,602	\$33,881	\$46,709	\$209,229	\$85,626	\$20,415	\$315,270
Enterprise Fund Projects									
CAPITAL COSTS									
Water.....	\$4,648	\$3,526	\$3,088	\$2,533	\$2,384	\$16,177	\$8,282	\$15,299	\$39,759
Sewer.....	13,802	18,139	16,567	11,329	13,997	73,833	21,116	8,685	103,633
Solid Waste.....	0	824	0	0	0	824	0	0	824
Watershed Protection & Rehabilitation.....	5,258	3,277	3,408	3,563	4,826	20,332	10,105	4,864	35,301
Total Enterprise Funds	\$23,708	\$25,765	\$23,063	\$17,424	\$21,206	\$111,166	\$39,502	\$28,848	\$179,516
FINANCE SOURCES									
Water Bonds.....	\$4,381	\$3,028	\$2,656	\$2,494	\$2,342	\$14,900	\$7,729	\$15,265	\$37,895
Sewer Bonds.....	11,601	15,770	14,378	10,015	12,460	64,223	17,289	7,098	88,610
Solid Waste Fund Bonds.....	0	824	0	0	0	824	0	0	824
Watershed Protection & Rehabilitation Bonds.....	5,258	3,277	3,408	3,563	4,826	20,332	10,105	4,864	35,301
Enterprise Fund Operating Transfers.....	348	435	270	85	89	1,227	596	73	1,896
Water Fund Balance Appropriation.....	0	0	0	0	0	0	3	0	3
Sewer Fund Balance Appropriation.....	242	0	0	0	0	242	0	0	242
Total County Funding	\$21,830	\$23,333	\$20,713	\$16,156	\$19,716	\$101,748	\$35,722	\$27,300	\$164,771
State.....	77	279	204	0	0	560	366	0	926
Federal.....	0	0	0	0	0	0	728	0	728
Other: WSSC.....	1,801	2,153	2,146	1,268	1,490	8,858	2,686	1,548	13,092
Total Enterprise Funds	\$23,708	\$25,765	\$23,063	\$17,424	\$21,206	\$111,166	\$39,502	\$28,848	\$179,516
Total All Projects	\$78,416	\$67,094	\$55,665	\$51,305	\$67,915	\$320,395	\$125,128	\$49,263	\$494,786

CHARLES COUNTY COMMISSIONERS OF CHARLES COUNTY, MD
FISCAL YEAR 2014 APPROVED CAPITAL PROJECT BUDGET
FY2014-FY2018 CAPITAL IMPROVEMENT PROGRAM

<i>(\$ in thousands)</i>	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Prior Approp. thru FY13	Beyond FY 2018	Project Total
GOVERNMENTAL PROJECTS									
BOARD OF EDUCATION									
BOE: Various Maintenance Projects	\$46	\$0	\$0	\$0	\$0	\$46	\$182	\$0	\$228
St. Charles High School	20,793	3,700	0	0	0	24,493	57,813	0	82,306
Dr. Gustavus Brown E.S. RTU/Boiler Replacement	1,666	1,599	0	0	0	3,265	184	0	3,449
F.B. Gwynn Center Roof/Boiler Replacement	243	2,635	0	0	0	2,878	0	0	2,878
Elementary School #3	1,305	2,066	0	7,254	15,159	25,784	834	3,068	29,686
McDonough HS/Craik ES/Stethem Center	321	0	0	0	0	321	0	0	321
Sewer Connection Fees									
Local Portable Classrooms - Various Schools	0	388	0	388	388	1,164	0	388	1,552
Full-Day Kindergarten Addition: Wade E.S.	0	0	1,495	2,209	0	3,704	493	0	4,197
Full-Day Kindergarten Addition: Matula E.S.	0	0	1,487	1,994	0	3,481	397	0	3,878
Benjamin Stoddert M.S. RTU/Boiler Replacement	0	335	0	1,908	2,637	4,880	0	0	4,880
Total without inflation	\$24,374	\$10,723	\$2,982	\$13,753	\$18,184	\$70,016	\$59,903	\$3,456	\$133,375
Contingency- Inflation	106	463	324	2,179	3,937	7,009		958	7,967
Total Board of Education	\$24,480	\$11,186	\$3,306	\$15,932	\$22,121	\$77,025	\$59,903	\$4,414	\$141,342
COLLEGE OF SOUTHERN MARYLAND									
Career Education Building Renovation/Addition	\$1,087	\$0	\$0	\$0	\$0	\$1,087	\$17,353	\$0	\$18,440
Center for Trades and Energy Training Building	9,343	1,805	0	0	0	11,148	0	0	11,148
Upgrade Telecom, PBX, Safety & Security Systems	0	700	8,000	0	0	8,700	0	0	8,700
Healthcare Training Facility	0	0	0	800	10,000	10,800	0	1,000	11,800
Total without inflation	\$10,430	\$2,505	\$8,000	\$800	\$10,000	\$31,735	\$17,353	\$1,000	\$50,088
Contingency- Inflation	313	165	870	127	1,990	3,465		277	3,742
Total College Southern Maryland	\$10,743	\$2,670	\$8,870	\$927	\$11,990	\$35,200	\$17,353	\$1,277	\$53,830
GENERAL GOVERNMENT									
Various Planning and Growth Management Studies	\$166	\$166	\$166	\$166	\$92	\$756	\$0	\$90	\$846
Agricultural Preservation	506	506	506	506	506	2,530	0	303	2,833
Rural Legacy Program	1,511	1,511	1,511	1,511	1,511	7,555	0	1,511	9,066
Port Tobacco Historic District Revitalization	360	194	0	0	0	554	217	0	771
Various Maintenance Projects	367	385	393	393	393	1,931	0	417	2,348
Automation & Technology Master Plan- Facilities	608	0	328	0	0	936	380	0	1,316
Courthouse Renovation	101	101	101	101	101	505	415	0	920
Multi-Generational Center	550	1,486	2,799	1,487	0	6,322	0	0	6,322
Detention Center Intake Area	808	808	0	0	0	1,616	826	0	2,442
Hughesville Streetscape/Intersection Analysis	302	0	0	0	0	302	329	0	631
Purchase of Developments Rights (PDR) Program	100	500	500	500	500	2,100	100	500	2,700
Zoning Update (2012 Comprehensive Plan)	319	0	0	0	0	319	0	0	319
Lighting Retrofit	106	106	106	106	106	530	0	0	530
Sheriff's Office Improvements	396	0	415	0	0	811	0	0	811
Engineering Plan Digitization	53	53	33	33	0	172	3	0	175
Sirens for Developmental District	360	0	0	0	0	360	0	0	360
Zekiah Fort Preservation	900	0	0	0	0	900	0	0	900
Welcome Signage	42	119	89	0	0	250	0	0	250
Detention Center Replacement Door Control System	249	0	0	0	0	249	0	0	249
Indian Head Science and Technology Park	0	6,437	0	0	0	6,437	0	0	6,437
County Government Building Electrical and Network Infrastructure System Upgrades	0	687	0	0	0	687	1,156	0	1,843
P.D. Brown Improvements	0	0	201	0	0	201	0	0	201
Countywide Building Re-Keying	0	0	157	0	0	157	0	0	157
Parking Lot Improvements	0	0	333	0	0	333	233	0	566
Robert J. Fuller Transitional Home Improvements	0	0	80	0	0	80	0	0	80
Total without inflation	\$7,804	\$13,059	\$7,718	\$4,803	\$3,209	\$36,593	\$3,659	\$2,821	\$43,073
Contingency- Inflation	163	726	617	442	260	2,208		780	2,988
Total General Government	\$7,967	\$13,785	\$8,335	\$5,245	\$3,469	\$38,801	\$3,659	\$3,601	\$46,061

**CHARLES COUNTY COMMISSIONERS OF CHARLES COUNTY, MD
FISCAL YEAR 2014 APPROVED CAPITAL PROJECT BUDGET
FY2014-FY2018 CAPITAL IMPROVEMENT PROGRAM**

<i>(\$ in thousands)</i>	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Prior Approp. thru FY13	Beyond FY 2018	Project Total
<u>PARKS</u>									
Various Pedestrian & Bicycle Facilities	\$80	\$80	\$0	\$80	\$80	\$320	\$287	\$80	\$687
Park Repair & Maintenance Projects	252	252	318	318	318	1,458	0	318	1,776
Waterfront Acquisition	0	1,503	0	0	0	1,503	0	0	1,503
Milton Somers Football Stadium Improvements	0	0	163	0	0	163	0	0	163
Oak Ridge Development Phase II	0	0	443	0	0	443	0	0	443
Sprayground	0	0	0	443	0	443	0	0	443
Gilbert Run/Oak Ridge Connection Trail	0	0	0	28	251	279	0	0	279
Total without inflation	\$332	\$1,835	\$924	\$869	\$649	\$4,609	\$287	\$398	\$5,294
Contingency- Inflation	2	18	99	138	142	399		113	512
Total Parks	\$334	\$1,853	\$1,023	\$1,007	\$791	\$5,008	\$287	\$511	\$5,806
<u>TRANSPORTATION</u>									
Road Overlay Program	\$3,078	\$3,078	\$3,078	\$3,078	\$3,078	\$15,390	\$0	\$3,078	\$18,468
Waldorf Subarea Plan Implementation Studies	91	91	91	91	91	455	91	91	637
County Drainage Systems Improvement Program	999	997	934	213	213	3,356	912	213	4,481
Traffic Signal Program	208	208	208	208	280	1,112	85	280	1,477
Safety Improvement Program- Existing Roadways	69	270	269	269	270	1,147	220	270	1,637
Smallwood/St. Patrick Dr. Inter. & Traffic Improv.	570	0	0	0	0	570	88	0	658
WURC: Old Washington Road Reconstruction	372	0	1,022	1,074	2,799	5,267	0	2,797	8,064
Radio Station Road Upgrade	3,305	970	0	0	0	4,275	1,147	1,605	7,027
Middletown Road and Billingsley Road Roundabout	491	491	0	0	0	982	603	0	1,585
Mill Hill Road Upgrade	1,277	1,277	0	0	0	2,554	701	0	3,255
Light Rail Transit Initiative	270	270	270	270	0	1,080	270	0	1,350
Sidewalk Improvement Program	153	153	153	153	153	765	0	0	765
Billingsley Road Safety Improvements	0	3,001	4,001	4,001	0	11,003	153	0	11,156
Bridge Replacement Program	0	262	0	0	0	262	153	0	415
Total without inflation	\$10,883	\$11,068	\$10,026	\$9,357	\$6,884	\$48,218	\$4,424	\$8,334	\$60,976
Contingency- Inflation	301	767	1,042	1,413	1,454	4,977		2,278	7,255
Total Transportation	\$11,184	\$11,835	\$11,068	\$10,770	\$8,338	\$53,195	\$4,424	\$10,612	\$68,231
Total Governmental	\$54,708	\$41,329	\$32,602	\$33,881	\$46,709	\$209,229	\$85,626	\$20,415	\$315,270

**CHARLES COUNTY COMMISSIONERS OF CHARLES COUNTY, MD
FISCAL YEAR 2014 APPROVED CAPITAL PROJECT BUDGET
FY2014-FY2018 CAPITAL IMPROVEMENT PROGRAM**

<i>(\$ in thousands)</i>	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Prior Approp. thru FY13	Beyond FY 2018	Project Total
FINANCING SOURCES:									
GOVERNMENTAL OPERATIONS:									
BOARD OF EDUCATION									
Bonds	\$2,297	\$5,283	\$0	\$2,659	\$1,056	\$11,295	\$10,022	\$502	\$21,819
Fund Balance Appropriation	46	0	0	0	0	46	182	0	228
Operating Transfer	0	0	0	0	0	0	2,485	0	2,485
Fair Share Excise Tax Bonds	3,996	2,203	3,306	2,322	7,792	19,620	22,223	2,530	44,372
Total County Funding	6,339	7,486	3,306	4,981	8,848	30,961	34,912	3,032	68,904
Federal	0	0	0	0	0	0	0	0	0
State	8,200	9,601	8,564	10,951	13,273	50,589	19,467	1,382	71,438
Other: Forward Funding State Share	9,941	(5,901)	(8,564)	0	0	(4,525)	4,525	0	(0)
Other: St. Charles Communities	0	0	0	0	0	0	1,000	0	1,000
Total Funding	\$24,480	\$11,186	\$3,306	\$15,932	\$22,121	\$77,025	\$59,903	\$4,414	\$141,342
COLLEGE OF SOUTHERN MARYLAND									
Bonds	\$3,518	\$667	\$2,217	\$232	\$2,997	\$9,631	\$5,138	\$321	\$15,090
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	3,518	667	2,217	232	2,997	9,631	5,138	321	15,090
Federal	0	0	0	0	0	0	0	0	0
State	7,225	2,003	6,653	695	8,993	25,569	12,216	956	38,741
Other: _____	0	0	0	0	0	0	0	0	0
Total Funding	\$10,743	\$2,670	\$8,870	\$927	\$11,990	\$35,200	\$17,353	\$1,277	\$53,830
GENERAL GOVERNMENT									
Bonds	\$6,347	\$11,852	\$7,015	\$4,014	\$2,357	\$31,585	\$3,259	\$1,598	\$36,442
Fund Balance Appropriation	554	0	0	0	0	554	0	0	554
Operating Transfer	0	233	220	231	112	796	83	90	969
Total County Funding	6,901	12,085	7,235	4,245	2,469	32,935	3,342	1,688	37,965
Federal	0	0	0	0	0	0	186	0	186
State	1,066	1,700	1,100	1,000	1,000	5,866	131	1,913	7,910
Other: _____	0	0	0	0	0	0	0	0	0
Total Funding	\$7,967	\$13,785	\$8,335	\$5,245	\$3,469	\$38,801	\$3,659	\$3,601	\$46,061
PARKS									
Bonds	\$82	\$84	\$671	\$290	\$196	\$1,323	\$287	\$193	\$1,803
Fund Balance Appropriation	252	0	0	0	0	252	0	0	252
Operating Transfer	0	269	352	370	389	1,380	0	318	1,698
Total County Funding	334	353	1,023	660	585	2,955	287	511	3,753
Federal	0	0	0	0	0	0	0	0	0
State	0	1,500	0	347	206	2,053	0	0	2,053
Other: _____	0	0	0	0	0	0	0	0	0
Total Funding	\$334	\$1,853	\$1,023	\$1,007	\$791	\$5,008	\$287	\$511	\$5,806
TRANSPORTATION									
Bonds	\$8,393	\$10,514	\$10,535	\$10,233	\$8,065	\$47,740	\$3,310	\$10,314	\$61,365
Fund Balance Appropriation	361	331	270	270	0	1,232	378	0	1,610
Operating Transfer	0	35	101	105	111	352	553	91	996
Total County Funding	8,754	10,880	10,906	10,608	8,176	49,324	4,242	10,405	63,971
Federal	0	104	0	0	0	104	40	0	144
State	2,430	851	162	162	162	3,767	142	207	4,116
Other: _____	0	0	0	0	0	0	0	0	0
Total Funding	\$11,184	\$11,835	\$11,068	\$10,770	\$8,338	\$53,195	\$4,424	\$10,612	\$68,231
Total Governmental	\$54,708	\$41,329	\$32,602	\$33,881	\$46,709	\$209,229	\$85,626	\$20,415	\$315,270
TOTAL GOVERNMENTAL BONDS	\$20,637	\$28,400	\$20,438	\$17,428	\$14,671	\$101,574	\$22,015	\$12,929	\$136,518
TOTAL PAYGO	\$0	\$537	\$673	\$706	\$612	\$2,528	\$3,121	\$499	\$6,148

**CHARLES COUNTY COMMISSIONERS OF CHARLES COUNTY, MD
FISCAL YEAR 2014 APPROVED CAPITAL PROJECT BUDGET
FY2014-FY2018 CAPITAL IMPROVEMENT PROGRAM**

(\$ in thousands)	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Prior Approp. thru FY13	Beyond FY 2018	Project Total
<u>ENTERPRISE FUND OPERATIONS</u>									
<u>WATER & SEWER</u>									
Automation & Technology Master Plan	1,671	1,900	2,415	2,303	1,712	10,001	9,515	0	19,516
MWWTP Lab Renovation	23	0	0	0	135	158	57	0	215
Well Site Automation	187	126	0	0	0	313	0	0	313
Cliffton Water System Improvements	1,194	0	0	0	0	1,194	966	0	2,160
Underground Infrastructure Repairs	503	503	503	503	503	2,515	0	4,112	6,627
Benedict Water System Improvements	550	285	0	0	0	835	0	0	835
Water Model Update	34	34	34	34	34	170	223	34	427
Patuxent Aquifer Study	80	0	0	0	0	80	1,593	0	1,673
Various County Water Studies	89	89	89	0	0	267	176	0	443
Waldorf/Chapel Pt. Water System Interconnection Feasibility Study	57	83	83	0	0	223	0	0	223
White Plains South Water Line Improvements	0	529	371	0	0	900	0	0	900
South County Water Transmission Main	210	210	0	0	0	420	0	7,823	8,243
Satellite Water Facility Upgrades	763	498	498	498	498	2,755	537	0	3,292
Influent/Effluent Pump Station	2,682	1,333	0	0	0	4,015	4,105	0	8,120
MWWTP Electrical System Replacement	656	1,918	1,879	0	0	4,453	667	0	5,120
MWWTP Flow Equalization	135	2,145	2,145	0	0	4,425	369	0	4,794
Mattawoman Infiltration and Inflow	2,691	2,367	2,907	2,907	3,225	14,097	5,712	3,225	23,034
Mattawoman WWTP Automation	475	965	965	0	0	2,405	2,546	0	4,951
Pump Station Rehabs and Replacements	1,297	748	931	2,191	2,533	7,700	670	906	9,276
Satellite Wastewater Facility Upgrades	845	498	498	498	498	2,837	218	0	3,055
MWWTP Clarifier and Thickener Repairs	655	610	610	0	0	1,875	498	0	2,373
Cobb Island/Swan Point Interconnection	453	1,463	0	0	0	1,916	0	0	1,916
MWWTP Utility Water System Evaluation & Improvement	61	447	0	0	0	508	49	0	557
MWWTP Biosolids Feasibility Study	135	0	0	0	0	135	100	0	235
Sewer Model Update	39	39	39	39	39	195	112	39	346
Cliffton Pump Station #4	91	605	0	0	0	696	0	0	696
Mattawoman WWTP Berm Relocation	0	0	0	372	640	1,012	589	640	2,241
U. Port Tobacco River Watershed Sewer Connection Study	235	0	0	0	0	235	0	0	235
Hughesville Package Treatment Plant	894	894	0	0	0	1,788	695	0	2,483
Marshall Hall Road Gravity Sewer	125	713	822	0	0	1,660	0	0	1,660
Piney Branch Sewer Replacement (Upper Reaches)	141	620	479	0	0	1,240	0	0	1,240
Cobb Island Sewer Capacity & Feasibility Study	0	164	0	0	0	164	0	0	164
MD. Route 5 Pump Station Forcemain	83	540	360	0	0	983	0	0	983
WURC: Zekiah Pump Station Upgrade	221	0	598	598	598	2,015	0	598	2,613
WURC: Zekiah Pump Station Forcemain	232	0	706	598	1,143	2,679	0	596	3,275
WURC: Zekiah Interceptor Sewer Upgrades	417	0	799	799	799	2,814	0	799	3,613
Cliffton WWTP Improvements	0	0	0	621	1,105	1,726	0	0	1,726
Total without inflation	\$17,924	\$20,326	\$17,731	\$11,961	\$13,462	\$81,404	\$29,397	\$18,772	\$129,573
Contingency-inflation	526	1,338	1,923	1,900	2,918	8,606	0	5,212	13,818
Total Water & Sewer	\$18,450	\$21,664	\$19,655	\$13,861	\$16,380	\$90,010	\$29,397	\$23,984	\$143,392
Water	4,648	3,526	3,088	2,533	2,384	16,177	8,282	15,299	39,759
Sewer	13,802	18,139	16,567	11,329	13,997	73,833	21,116	8,685	103,633
Total Water & Sewer	\$18,450	\$21,664	\$19,655	\$13,861	\$16,380	\$90,010	\$29,397	\$23,984	\$143,392
<u>SOLID WASTE FUND</u>									
Automation & Technology Master Plan - Landfill	0	773	0	0	0	773	0	0	773
Total without inflation	\$0	\$773	\$0	\$0	\$0	\$773	\$0	\$0	\$773
Contingency-inflation	0	51	0	0	0	51	0	0	51
Total Solid Waste	\$0	\$824	\$0	\$0	\$0	\$824	\$0	\$0	\$824

**CHARLES COUNTY COMMISSIONERS OF CHARLES COUNTY, MD
FISCAL YEAR 2014 APPROVED CAPITAL PROJECT BUDGET
FY2014-FY2018 CAPITAL IMPROVEMENT PROGRAM**

<i>(\$ in thousands)</i>	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Prior Approp. thru FY13	Beyond FY 2018	Project Total
WATERSHED PROTECTION & REHABILITATION FUND									
NPDES Retrofit Projects	\$5,108	\$3,075	\$3,075	\$3,075	\$3,967	\$18,300	\$10,105	\$3,830	\$32,235
Total without inflation	\$5,108	\$3,075	\$3,075	\$3,075	\$3,967	\$18,300	\$10,105	\$3,830	\$32,235
Contingency-inflation	150	202	333	488	859	2,032	0	1,034	3,066
Total Watershed Protection & Rehabilitation Func	\$5,258	\$3,277	\$3,408	\$3,563	\$4,826	\$20,332	\$10,105	\$4,864	\$35,301
TOTAL ENTERPRISE FUNDS	\$23,708	\$25,765	\$23,063	\$17,424	\$21,206	\$111,166	\$39,502	\$28,848	\$179,516
TOTAL ALL PROJECTS	\$78,416	\$67,094	\$55,665	\$51,305	\$67,915	\$320,395	\$125,128	\$49,263	\$494,786

FINANCING SOURCES

ENTERPRISE FUND OPERATIONS:

WATER AND SEWER FUND

Water Projects

Bonds	\$4,381	\$3,028	\$2,656	\$2,494	\$2,342	\$14,900	\$7,729	\$15,265	\$37,895
Fund Balance Appropriation	0	0	0	0	0	0	3	0	3
Operating Transfer	190	219	227	39	42	717	399	34	1,150
Total County Funding	4,571	3,247	2,883	2,533	2,384	15,617	\$8,131	\$15,299	\$39,048
Federal	0	0	0	0	0	0	0	0	0
State	77	279	204	0	0	560	150	0	710
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$4,648	\$3,526	\$3,087	\$2,533	\$2,384	\$16,177	\$8,281	\$15,299	\$39,759

Sewer Projects

Bonds	\$11,601	\$15,770	\$14,378	\$10,015	\$12,460	\$64,223	\$17,289	\$7,098	\$88,609
Fund Balance Appropriation	242	0	0	0	0	242	0	0	242
Operating Transfer	158	216	43	46	47	510	197	39	746
Operating	\$12,001	\$15,986	\$14,421	\$10,061	\$12,507	\$64,975	\$17,486	\$7,137	\$89,597
Federal	0	0	0	0	0	0	728	0	728
State	0	0	0	0	0	0	216	0	216
Other: WSSC	1,801	2,153	2,146	1,268	1,490	8,858	2,686	1,548	13,092
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$13,802	\$18,139	\$16,567	\$11,329	\$13,997	\$73,833	\$21,116	\$8,685	\$103,633

SOLID WASTE FUND

Bonds	\$0	\$824	\$0	\$0	\$0	\$824	\$0	\$0	\$824
Capital Budget Reserve	0	0	0	0	0	0	0	0	0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$824	\$0	\$0	\$0	\$824	\$0	\$0	\$824
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$824	\$0	\$0	\$0	\$824	\$0	\$0	\$824

WATERSHED PROTECTION & REHABILITATION FUND

Bonds	\$5,258	\$3,277	\$3,408	\$3,563	\$4,826	\$20,332	\$10,105	\$4,864	\$35,301
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$5,258	\$3,277	\$3,408	\$3,563	\$4,826	\$20,332	\$10,105	\$4,864	\$35,301
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$5,258	\$3,277	\$3,408	\$3,563	\$4,826	\$20,332	\$10,105	\$4,864	\$35,301

TOTAL ENTERPRISE FUNDS	\$23,708	\$25,765	\$23,063	\$17,425	\$21,206	\$111,166	\$39,502	\$28,848	\$179,517
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TOTAL ALL PROJECTS	\$78,416	\$67,094	\$55,665	\$51,306	\$67,915	\$320,395	\$125,128	\$49,263	\$494,787
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