

# 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, 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, 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. Infrastructure such as schools, roads, wastewater treatment plants, water supplies, and parks may impose a fee when development is underway. Charles County has adopted fees for water & sewer facilities, and road improvements.

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The County Commissioners, by virtue of Article 66B - Land Use, Section 14.05(f), by 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 similar trust funds, and would be similar to a personal savings account. The FY2013 budget was appropriated using \$856 thousand of fund balance 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 revenues 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	FY13 Excise Tax
Single Family Detached	\$12,828
Townhouse	\$12,166
Multi-Family	\$9,257

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

## Deferred Capital Improvement Projects

The following is a list of projects that were deferred, removed, or the scope of the project was altered substantially from the prior approved FY12-FY16 Capital Improvement Program in order to stay within the County's debt affordability limitation. These projects may be requested for reconsideration during next year's CIP review.

### College of Southern Maryland

Fine Arts Building Renovation & Addition

### Transportation

Cross County Connector Ph. VII

### Environmental Services

La Plata Subwatershed Restoration

### Water and Sewer

Miscellaneous Watermain Improvements

Cliffton Water System Improvements

Cross County Connector Ph. VI-VII Water

Transmission Main Extension

Waldorf Water Tower #7

Zekiah Pump Station Upgrade

Due to budget constraints all projects were scrutinized and many projects were delayed while still remaining part of the adopted FY13-FY17 Capital Improvement Program. A comparison to the FY12-FY16 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. The current FY13-FY17 CIP would result in the need to add an additional \$729.9 thousand to the General Fund budget for operating cost related to the various building and parks by the end of FY17. Water and Sewer CIP impacts are estimated to result in operating increases totaling \$110.6 thousand.

A new High School is scheduled to open in FY15. The cumulative impact of the new High School opening is expected to be \$9.7 million by FY17 for 74.5 estimated additional staff and operating costs. These figures will fluctuate as the number of staff transfers from existing schools is determined and will be updated each year during the CIP process. The College of Southern Maryland has a building addition currently underway that is programmed to open in FY14 and two new buildings to be located on a Regional Campus are scheduled to open in FY15 and FY16. The cumulative impact of these college projects is expected to be \$629 thousand for 6.0 estimated additional staff and operating costs. This estimate is net of savings from building rent. The associated operating costs are shared between the State, County, and College of Southern Maryland. The County is estimated to pay \$167.1 thousand towards the impact of the new buildings.

# CUMULATIVE CIP OPERATING IMPACTS

## FY2013-FY2017 CAPITAL IMPROVEMENT PROGRAM

(\$ in thousands)

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017		PERSONNEL
<b>GOVERNMENTAL OPERATIONS</b>							
<b>BOARD OF EDUCATION</b>							
<b>St. Charles High School</b>							
No. of Personnel	0.00	0.00	57.50	74.50	74.50	Administrative Staff	4.00
Personnel Costs	\$0.0	\$0.0	\$5,489.0	\$6,454.0	\$6,776.7	Support Staff	14.00
Operating	0.0	0.0	2,709.0	2,820.0	2,904.6	Teachers	23.00
Start-Up Cost	0.0	0.0	696.2	590.0	0.0	Special Education	21.50
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$8,894.2</b>	<b>\$9,864.0</b>	<b>\$9,681.3</b>	Other	12.00
<b>Total Board of Education</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$8,894.2</b>	<b>\$9,864.0</b>	<b>\$9,681.3</b>		
<b>COLLEGE OF SOUTHERN MARYLAND</b>							
<b>Business and Career Education Buildings Addition</b>							
No. of Personnel	0.00	2.00	2.00	2.00	2.00	Facilities & Grounds Technicians	2.00
Personnel Costs	\$0.0	\$92.7	\$97.3	\$102.2	\$107.3		
Operating	0.0	215.5	222.0	228.7	235.6		
Start-Up Cost	0.0	0.0	0.0	0.0	0.0		
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$308.2</b>	<b>\$319.3</b>	<b>\$330.9</b>	<b>\$342.9</b>		
<b>Center for Trades and Energy Training Building</b>							
No. of Personnel	0.00	0.00	2.00	2.00	2.00	Facilities & Grounds Technicians	2.00
Personnel Costs	\$0.0	\$0.0	\$94.5	\$99.2	\$104.2		
Operating	0.0	0.0	183.9	189.4	195.1		
Operating (Rental Savings)	0.0	0.0	(278.0)	(286.3)	(294.9)		
Start-Up Cost	0.0	0.0	12.0	0.0	0.0		
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$12.4</b>	<b>\$2.3</b>	<b>\$4.4</b>		
<b>Healthcare Training Facility</b>							
No. of Personnel	0.00	0.00	0.00	2.00	2.00	Facilities & Grounds Technicians	2.00
Personnel Costs	\$0.0	\$0.0	\$0.0	\$96.4	\$101.2		
Operating	0.0	0.0	0.0	175.0	180.3		
Start-Up Cost	0.0	0.0	0.0	250.0	0.0		
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$521.4</b>	<b>\$281.5</b>		
<b>Total College of So. MD</b>	<b>\$0.0</b>	<b>\$308.2</b>	<b>\$331.7</b>	<b>\$854.6</b>	<b>\$628.8</b>		
less: other funding	0.0	(226.3)	(243.6)	(627.6)	(461.7)		
<b>Estimated County Cost</b>	<b>\$0.0</b>	<b>\$81.9</b>	<b>\$88.1</b>	<b>\$227.0</b>	<b>\$167.1</b>		
<b>COUNTY GOVERNMENTAL OPERATIONS</b>							
<b>Multi-Generational Center</b>							
No. of Personnel	0.00	0.00	0.00	0.00	7.52	Facility Maint. Tech II	1.00
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$354.8	Custodial Wkr. I	0.50
Operating	0.0	0.0	0.0	0.0	263.4	Senior Center Coordinator	0.07
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$618.2</b>	Office Associate	1.00
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	2.5	Fitness Coordinator	1.00
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$620.7</b>	I&A Program Specialist	1.00
						PT Program Assistants	1.92
						PT Fitness Instructors	1.03
<b>Detention Center Intake Area</b>							
No. of Personnel	0.00	0.00	0.00	0.62	0.62	Part Time	0.62
Personnel Costs	\$0.0	\$0.0	\$0.0	\$16.1	\$16.9		
Operating	0.0	0.0	0.0	43.6	44.9		
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$59.7</b>	<b>\$61.8</b>		
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0		
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$59.7</b>	<b>\$61.8</b>		
<b>Lighting Retrofit</b>							
No. of Personnel	0.00	0.00	0.00	0.00	0.00		
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		
Operating	0.0	0.0	0.0	0.0	(11.3)		
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>(\$11.3)</b>		
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0		
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>(\$11.3)</b>		

# CUMULATIVE CIP OPERATING IMPACTS

## FY2013-FY2017 CAPITAL IMPROVEMENT PROGRAM

(\$ in thousands)

FY 2013   FY 2014   FY 2015   FY 2016   FY 2017

PERSONNEL

### **GOVERNMENTAL OPERATIONS**

#### **Sheriff's Office Improvements**

No. of Personnel	0.00	0.00	0.00	0.00	0.00
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Operating	0.0	23.9	24.6	25.3	26.1
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$23.9</b>	<b>\$24.6</b>	<b>\$25.3</b>	<b>\$26.1</b>
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$23.9</b>	<b>\$24.6</b>	<b>\$25.3</b>	<b>\$26.1</b>

#### **Animal Shelter Improvements**

No. of Personnel	0.00	0.00	0.00	0.00	0.00
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Operating	0.0	5.3	5.5	5.7	5.9
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$5.3</b>	<b>\$5.5</b>	<b>\$5.7</b>	<b>\$5.9</b>
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$5.3</b>	<b>\$5.5</b>	<b>\$5.7</b>	<b>\$5.9</b>

#### **Milton Somers Football Stadium Improvements**

No. of Personnel	0.00	0.00	0.00	0.00	0.00
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Operating	0.0	0.0	0.0	0.0	1.4
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$1.4</b>
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$1.4</b>

#### **Oak Ridge Development Phase II**

No. of Personnel	0.00	0.00	0.00	0.00	0.15
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$4.0
Operating	0.0	0.0	0.0	0.0	11.1
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$15.1</b>
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$15.1</b>

Part Time II      0.15

#### **Sprayground**

No. of Personnel	0.00	0.00	0.00	0.00	0.21
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$4.8
Operating	0.0	0.0	0.0	0.0	5.4
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$10.2</b>
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$10.2</b>

Part Time      0.21

<b>Total Governmental Operation:</b>	<b>\$0.0</b>	<b>\$29.2</b>	<b>\$30.1</b>	<b>\$90.7</b>	<b>\$729.9</b>
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### **TOTAL GOVERNMENTAL IMPACT**

No. of Personnel					
Board of Education	0.00	0.00	57.50	74.50	74.50
College of Southern Maryland	0.00	2.00	4.00	6.00	6.00
Governmental Operations	0.00	0.00	0.00	0.62	8.49
<b>Total Personnel</b>	<b>0.00</b>	<b>2.00</b>	<b>61.50</b>	<b>81.12</b>	<b>88.99</b>

<b>Board of Education</b>	0.0	0.0	8,894.2	9,864.0	9,681.3
<b>College of Southern Maryland</b>	0.0	81.9	88.1	227.0	167.1
<b>Governmental Operations</b>	0.0	29.2	30.1	90.7	729.9
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$111.1</b>	<b>\$9,012.4</b>	<b>\$10,181.7</b>	<b>\$10,578.3</b>

# CUMULATIVE CIP OPERATING IMPACTS

## FY2013-FY2017 CAPITAL IMPROVEMENT PROGRAM

(\$ in thousands)

FY 2013    FY 2014    FY 2015    FY 2016    FY 2017

### **WATER & SEWER**

#### **Benedict Central Sewer System**

No. of Personnel	0.00	0.00	0.00	0.00	0.00
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Operating	0.0	0.0	0.0	18.2	38.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$18.2</b>	<b>\$38.0</b>
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$18.2</b>	<b>\$38.0</b>

#### **Hughesville Package Treatment Plant**

No. of Personnel	0.00	0.00	0.00	0.00	0.00
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Operating	0.0	27.0	64.8	68.6	72.6
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$27.0</b>	<b>\$64.8</b>	<b>\$68.6</b>	<b>\$72.6</b>
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$27.0</b>	<b>\$64.8</b>	<b>\$68.6</b>	<b>\$72.6</b>

#### **TOTAL WATER & SEWER IMPACT**

No. of Personnel	0.00	0.00	0.00	0.00	0.00
Personnel Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Operating	0.0	27.0	64.8	86.8	110.6
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$27.0</b>	<b>\$64.8</b>	<b>\$86.8</b>	<b>\$110.6</b>
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$27.0</b>	<b>\$64.8</b>	<b>\$86.8</b>	<b>\$110.6</b>

# 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 being finalized during Fiscal Year 2013, 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 2012 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 2012 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.

### Completed Meetings and Other Tasks include:

- **Kick-off Meeting** (March 29, 2011, 7:00 p.m.). This meeting provided an introduction to the Comprehensive Plan and the planning process, as well as opportunities to discuss major issues that the Plan will address.
- **Land Use Marketplace Forum** (April 28, 2011, 1:00 p.m.). The goal of this forum was to understand the driving forces behind real estate and development in Charles County. It included presentations by local and national experts, and a moderated expert panel discussion on market and land use issues.
- **Regional Visioning Work Sessions** (May/June 2011). This group of four similarly-structured, regionally-specific meetings gave the public the opportunity to identify and refine Comprehensive Plan visions, goals, and issues, and to begin to develop land use scenarios (options) for the 2012 Comprehensive Plan.
- **Regional Design Charettes** (July/August 2011). Following up on the Visioning Sessions, the Design Charettes focused on refining scenarios, including land use concept maps and major policies.
- **Open House** (October 19, 2011). The scenarios developed through the Regional Visioning Sessions and Design Charettes were refined, evaluated, and presented at the Open House. Participants were invited to give additional comments and input, and to select elements of the candidate scenarios that best achieve their visions for the County through 2040.
- **Public Meeting** (December 15, 2011). A presentation summarized the Merged Scenario--the result of public input and staff/consultant recommendations to date. Members of the public were invited to comment on the merged scenario.
- **Survey**. More than 700 interested participants filled out an online Comprehensive Plan Survey. This non-scientific survey provided input on issues and opportunities that the Comprehensive Plan should consider.
- **Stakeholder Interviews**. The County and its consultant conducted interviews with approximately 70 stakeholders representing diverse interests in Charles County. Interviews were based on responses to the survey, but provided more detailed and nuanced feedback.

The Merged Scenario packet and map, which were the basis for the December 15th Public Meeting, are currently available for review.

# 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 FY2013 and tentatively approved FY2014-FY2017 expenditure budgets by category.
6. Prior Appropriation thru FY12 lists the amounts approved for this project to date.
7. Beyond FY 2017 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 FY17).
9. Financing Sources: lists the Approved FY2013 and tentatively approved FY2014-FY2017 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 FY12-FY16 Capital Improvement Program figures are provided and compared to the new FY13-FY17 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 2013

(\$ in thousands)

<b>PROJECT NAME:</b>	Requested By:	Project #:
1.	2.	3. 4.

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total 13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering									
Land & ROW									
Construction									
Equipment			5.				6.	7.	8.
Administration									
Inspection									
Miscellaneous									
Contingency									
<b>Total Outlay</b>									

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total 13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds									
Fund Balance Appropriation									
Operating Transfer									
Total County Funding									
Federal			9.				6.	7.	8.
State									
Other:									
<b>Total Funding</b>									

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

**APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM** 15.

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	%	%	%	%	%

**PLANNING COMMISSION COMMENTS** 16.

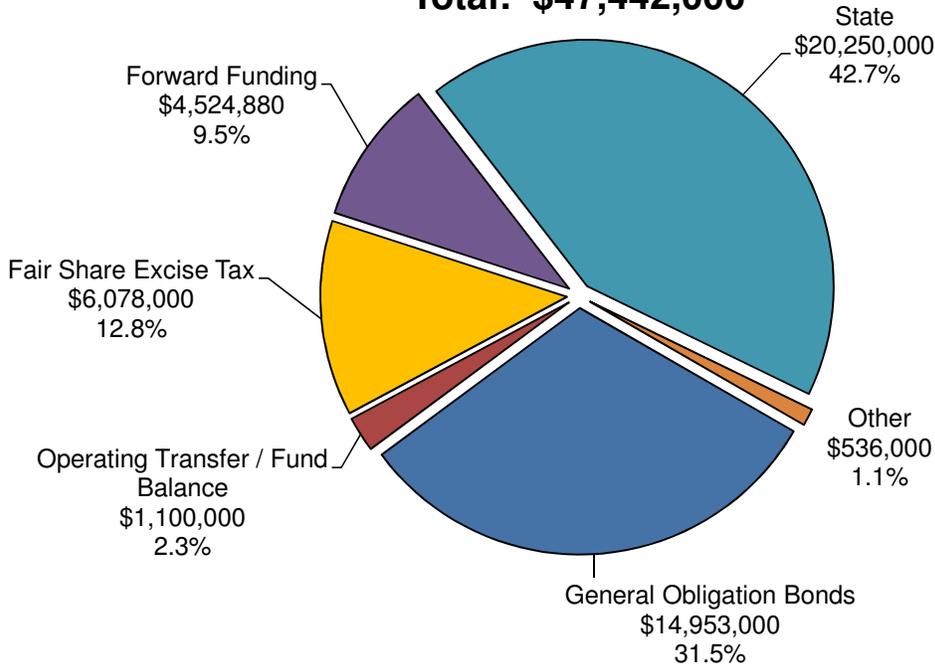
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**LOCATION:** 17.

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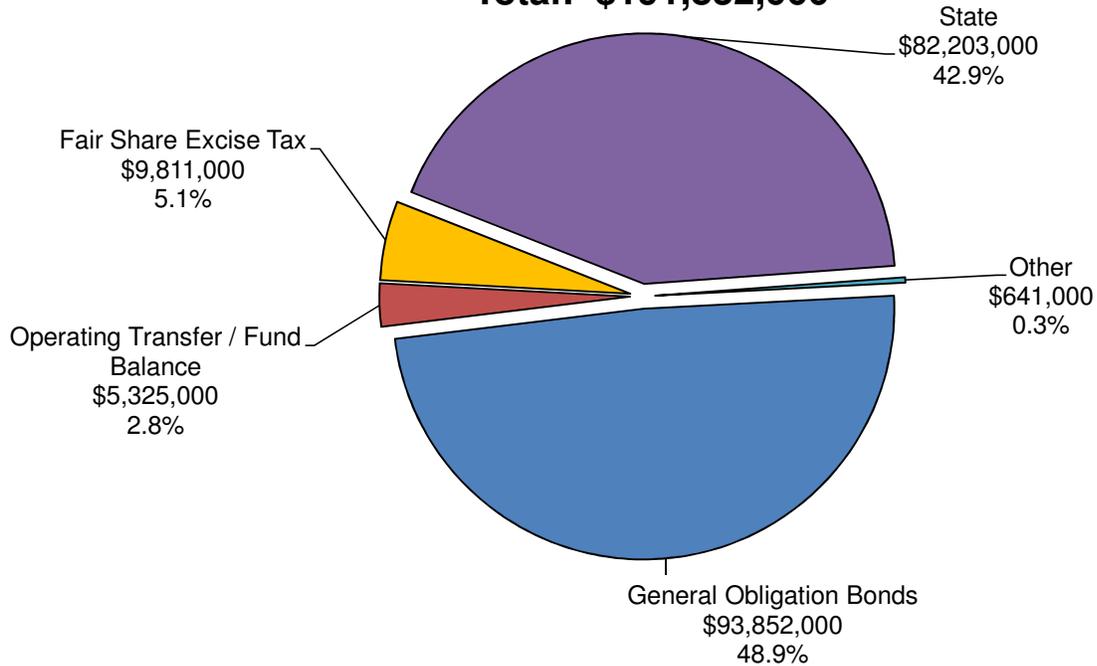
### FY13 Governmental Projects by Funding Source

Total: \$47,442,000



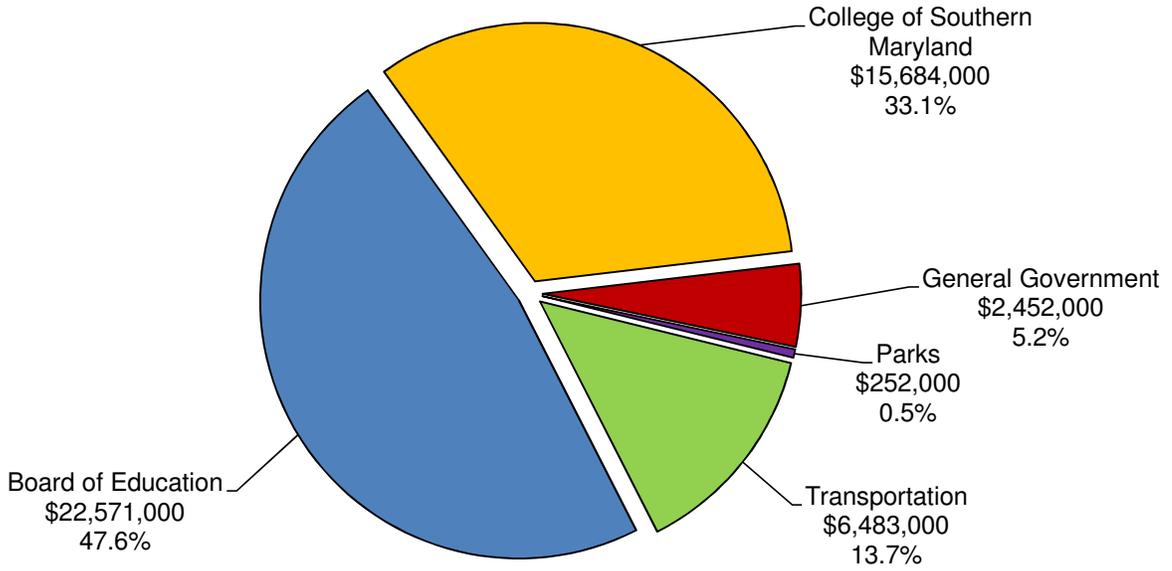
### FY13-FY17 Governmental Projects by Funding Source

Total: \$191,832,000

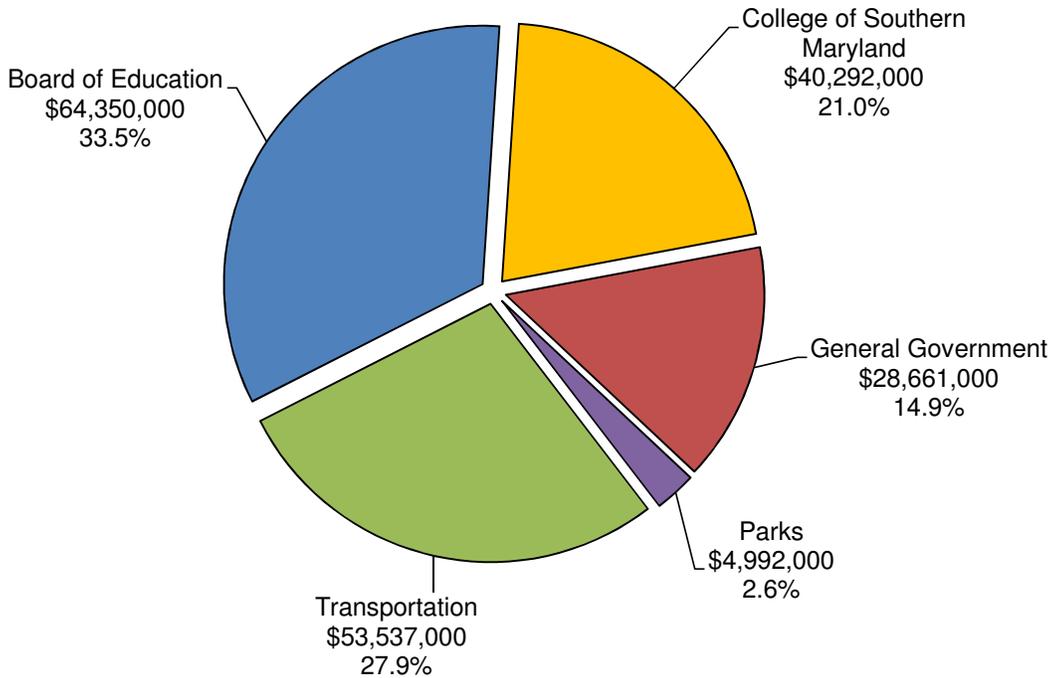


The majority of the County's financing for infrastructure is done by issuing long-term debt in the form of bonds. After utilizing grant funds and other funding sources the County must decide whether to bond or transfer funds from the General Fund to pay for General Government projects. The County typically 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.

**FY13 Governmental Projects by Type**  
**Total: \$47,442,000**



**FY13-FY17 Governmental Projects by Type**  
**Total: \$191,932,000**



- The majority of the funding for the Board of Education represents the construction of a new High School which is scheduled to open in FY15.
- 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 2013 APPROVED CAPITAL PROJECT BUDGET  
FY2013-FY2017 CAPITAL IMPROVEMENT PROGRAM**

<i>(\$ in thousands)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total 13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
<b>Governmental Projects</b>									
<b>CAPITAL COSTS</b>									
Board of Education .....	\$22,571	\$20,747	\$9,580	\$3,400	\$8,052	\$64,350	\$38,946	\$3,311	\$106,607
College of Southern Maryland.....	15,684	8,910	3,146	10,619	1,933	40,292	9,468	10,406	60,166
General Government.....	2,452	6,117	6,637	8,227	5,228	28,661	1,463	3,012	33,136
Parks.....	252	1,841	383	1,728	788	4,992	51	527	5,570
Transportation.....	6,483	11,052	12,744	11,780	11,478	53,537	3,036	15,300	71,873
<b>Total Governmental</b>	<b>\$47,442</b>	<b>\$48,667</b>	<b>\$32,490</b>	<b>\$35,754</b>	<b>\$27,479</b>	<b>\$191,832</b>	<b>\$52,964</b>	<b>\$32,556</b>	<b>\$277,352</b>
<b>FINANCE SOURCES</b>									
General Obligation Bonds.....	\$14,953	\$17,020	\$22,679	\$21,280	\$17,920	\$93,852	\$16,274	\$20,103	\$130,229
Fair Share Excise Tax Bonds.....	6,078	24	309	3,400	0	9,811	15,311	0	25,122
General Fund-Fund Balance Appropriation.....	856	705	270	270	270	2,371	108	0	2,479
General Fund Operating Transfer.....	244	591	635	724	760	2,954	462	90	3,506
<b>Total County Funding</b>	<b>\$22,131</b>	<b>\$18,340</b>	<b>\$23,893</b>	<b>\$25,674</b>	<b>\$18,950</b>	<b>\$108,988</b>	<b>\$32,155</b>	<b>\$20,193</b>	<b>\$161,336</b>
Federal.....	192	0	104	0	0	296	0	0	296
State.....	20,250	20,307	14,394	18,723	8,529	82,203	19,743	12,363	114,309
Other: Forward funding State Share.....	4,525	10,020	(5,901)	(8,643)	0	0	1,000	0	1,000
Other.....	344	0	0	0	0	344	66	0	410
<b>Total Governmental</b>	<b>\$47,442</b>	<b>\$48,667</b>	<b>\$32,490</b>	<b>\$35,754</b>	<b>\$27,479</b>	<b>\$191,832</b>	<b>\$52,964</b>	<b>\$32,556</b>	<b>\$277,352</b>
<b>Enterprise Fund Projects</b>									
<b>CAPITAL COSTS</b>									
Water.....	\$3,570	\$2,866	\$1,902	\$1,592	\$1,450	\$11,379	\$2,922	\$6,532	\$20,832
Sewer.....	7,241	16,741	18,638	5,989	7,250	55,859	25,301	7,650	88,811
Solid Waste.....	9,020	0	867	0	0	9,887	563	0	10,450
Environmental Services.....	5,824	5,735	4,047	4,287	4,502	24,395	7,262	9,867	41,524
<b>Total Enterprise Funds</b>	<b>\$25,655</b>	<b>\$25,342</b>	<b>\$25,454</b>	<b>\$11,867</b>	<b>\$13,202</b>	<b>\$101,520</b>	<b>\$36,048</b>	<b>\$24,049</b>	<b>\$161,616</b>
<b>FINANCE SOURCES</b>									
Water Bonds.....	\$3,363	\$2,652	\$1,763	\$1,444	\$1,407	\$10,629	\$2,846	\$6,499	\$19,975
Sewer Bonds.....	6,733	14,011	16,242	4,624	5,818	47,428	19,586	6,046	73,061
Solid Waste Fund Bonds.....	0	0	867	0	0	867	0	0	867
Environmental Service Bonds.....	5,824	5,735	4,047	4,287	4,502	24,395	7,262	9,867	41,524
Enterprise Fund Operating Transfers.....	252	297	183	194	92	1,018	105	33	1,156
Water Fund Balance Appropriation.....	3	3	0	0	0	6	0	0	6
Sewer Fund Balance Appropriation.....	0	238	0	0	0	238	0	0	238
Solid Waste Capital Reserve.....	9,020	0	0	0	0	9,020	563	0	9,583
<b>Total County Funding</b>	<b>\$25,195</b>	<b>\$22,936</b>	<b>\$23,102</b>	<b>\$10,549</b>	<b>\$11,819</b>	<b>\$93,601</b>	<b>\$30,361</b>	<b>\$22,445</b>	<b>\$146,409</b>
State.....	77	80	0	0	0	157	475	0	632
Federal.....	0	0	0	0	0	0	728	0	728
Other: WSSC.....	383	2,326	2,352	1,318	1,383	7,762	2,584	1,604	11,949
Other.....	0	0	0	0	0	0	1,899	0	1,899
<b>Total Enterprise Funds</b>	<b>\$25,655</b>	<b>\$25,342</b>	<b>\$25,454</b>	<b>\$11,867</b>	<b>\$13,202</b>	<b>\$101,520</b>	<b>\$36,047</b>	<b>\$24,049</b>	<b>\$161,617</b>
<b>Total All Projects</b>	<b>\$73,097</b>	<b>\$74,009</b>	<b>\$57,944</b>	<b>\$47,621</b>	<b>\$40,681</b>	<b>\$293,352</b>	<b>\$89,011</b>	<b>\$56,605</b>	<b>\$438,969</b>

**CHARLES COUNTY COMMISSIONERS OF CHARLES COUNTY, MD**  
**FISCAL YEAR 2013 APPROVED CAPITAL PROJECT BUDGET**  
**FY2013-FY2017 CAPITAL IMPROVEMENT PROGRAM**

<i>(\$ in thousands)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Prior Approp. thru FY12	Beyond FY 2017	Project Total
<b><u>GOVERNMENTAL PROJECTS</u></b>									
<b><u>BOARD OF EDUCATION</u></b>									
BOE: Various Maintenance Projects	\$182	\$46	\$0	\$0	\$0	\$228	\$0	\$0	\$228
St. Charles High School	18,751	18,220	3,700	0	0	40,671	33,699	0	74,370
Jenifer E.S. Roof/RTU/Boiler Replacement	365	0	0	0	0	365	3,935	0	4,300
Mitchell E.S.: AHU/Boiler/Chiller/H&V /Cooling Tower	3,130	0	0	0	0	3,130	138	0	3,268
Full-Day Kindergarten Addition: Wade E.S.	0	0	0	1,495	2,209	3,704	493	0	4,197
Full-Day Kindergarten Addition: Matula E.S.	0	0	0	1,387	1,994	3,381	497	0	3,878
Dr. Gustavus Brown E.S. RTU/Boiler Replacement	0	1,666	1,599	0	0	3,265	184	0	3,449
F.B. Gwynn Center Roof/Boiler Replacement	0	243	2,635	0	0	2,878	0	0	2,878
Benjamin Stoddert M.S. RTU/Boiler Replacement	0	0	335	0	1,908	2,243	0	2,157	4,400
Local Portable Classrooms - Various Schools	0	388	388	0	388	1,164	0	388	1,552
Total without inflation	\$22,428	\$20,563	\$8,657	\$2,882	\$6,499	\$61,029	\$38,946	\$2,545	\$102,520
Contingency- Inflation	143	184	923	518	1,553	3,321		766	4,087
Total Board of Education	\$22,571	\$20,747	\$9,580	\$3,400	\$8,052	\$64,350	\$38,946	\$3,311	\$106,607
<b><u>COLLEGE OF SOUTHERN MARYLAND</u></b>									
BU & CE Buildings Renovation/Addition	\$15,242	\$751	\$0	\$0	\$0	\$15,993	\$9,468	\$0	\$25,461
Center for Trades and Energy Training Building	0	7,575	2,000	0	0	9,575	0	0	9,575
Healthcare Training Facility	0	0	800	9,000	1,000	10,800	0	0	10,800
Upgrade Telecom, PBX, Safety & Security Systems	0	0	0	0	560	560	0	8,000	8,560
Total without inflation	\$15,242	\$8,326	\$2,800	\$9,000	\$1,560	\$36,928	\$9,468	\$8,000	\$54,396
Contingency- Inflation	442	584	346	1,619	373	3,364		2,406	5,770
Total College Southern Maryland	\$15,684	\$8,910	\$3,146	\$10,619	\$1,933	\$40,292	\$9,468	\$10,406	\$60,166
<b><u>GENERAL GOVERNMENT</u></b>									
Various Planning and Growth Management Studies	\$161	\$161	\$161	\$161	\$161	\$805	\$0	\$90	\$895
Agricultural Preservation	0	303	303	303	303	1,212	0	302	1,514
Rural Legacy Program	0	1,508	1,508	1,508	1,508	6,032	0	1,507	7,539
Port Tobacco Historic District Revitalization	0	132	104	104	0	340	217	0	557
Various Maintenance Projects	201	367	367	367	367	1,669	0	417	2,086
Automation & Technology Master Plan- Facilities	0	328	608	0	0	936	380	0	1,316
Courthouse Renovation	101	101	101	101	101	505	100	0	605
Multi-Generational Center	0	550	1,486	2,799	1,487	6,322	0	0	6,322
Detention Center Intake Area	166	806	806	0	0	1,778	660	0	2,438
Hughesville Streetscape	329	279	0	0	0	608	0	0	608
Purchase of Developments Rights (PDR) Program	100	100	500	500	500	1,700	0	0	1,700
Zoning Update (2012 Comprehensive Plan)	0	319	0	0	0	319	0	0	319
Community Services HVAC Improvements	438	0	0	0	0	438	0	0	438
Lighting Retrofit	0	106	106	106	106	424	0	0	424
Sheriff's Office Improvements	0	354	0	478	0	832	0	0	832
P.D. Brown Improvements	0	0	0	201	0	201	0	0	201
Nanjemoy Community Center Roof Replacement	69	0	0	0	0	69	0	0	69
Detention Center Ceiling Replacement	91	0	0	0	0	91	0	0	91
Animal Shelter Improvements	224	0	0	0	0	224	106	0	330
Countywide Building Re-Keying	0	0	0	157	0	157	0	0	157
Parking Lot Improvements	233	0	0	333	0	566	0	0	566
Robert J. Fuller Transitional Home Improvements	0	0	0	95	0	95	0	0	95
Engineering Plan Digitization	83	53	53	33	33	255	0	0	255
Message Board	200	0	0	0	0	200	0	0	200
Siren's for Developmental District	0	360	0	0	0	360	0	0	360
Total without inflation	\$2,396	\$5,827	\$6,103	\$7,246	\$4,566	\$26,138	\$1,463	\$2,316	\$29,917
Contingency- Inflation	56	290	534	981	662	2,523		696	3,219
Total General Government	\$2,452	\$6,117	\$6,637	\$8,227	\$5,228	\$28,661	\$1,463	\$3,012	\$33,136

**CHARLES COUNTY COMMISSIONERS OF CHARLES COUNTY, MD  
FISCAL YEAR 2013 APPROVED CAPITAL PROJECT BUDGET  
FY2013-FY2017 CAPITAL IMPROVEMENT PROGRAM**

<i>(\$ in thousands)</i>	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Prior Approp. thru FY12	Beyond FY 2017	Project Total
<b><u>PARKS</u></b>									
Various Pedestrian & Bicycle Facilities	\$0	\$80	\$80	\$0	\$80	\$240	\$51	\$78	\$369
Park Repair & Maintenance Projects	252	252	252	318	318	1,392	0	316	1,708
Waterfront Acquisition	0	1,503	0	0	0	1,503	0	0	1,503
Milton Somers Football Stadium Improvements	0	0	0	163	0	163	0	0	163
Tennis Court Improvements	0	0	0	138	0	138	0	0	138
Oak Ridge Development Phase II	0	0	0	403	0	403	0	0	403
Sprayground	0	0	0	403	0	403	0	0	403
Gilbert Run/Oak Ridge Connection Trail	0	0	0	28	228	256	0	0	256
Total without inflation	\$252	\$1,835	\$332	\$1,453	\$626	\$4,498	\$51	\$394	\$4,943
Contingency- Inflation	0	6	51	275	162	494		133	627
<b>Total Parks</b>	<b>\$252</b>	<b>\$1,841</b>	<b>\$383</b>	<b>\$1,728</b>	<b>\$788</b>	<b>\$4,992</b>	<b>\$51</b>	<b>\$527</b>	<b>\$5,570</b>
<b><u>TRANSPORTATION</u></b>									
Waldorf Subarea Plan Implementation Studies	\$91	\$91	\$91	\$91	\$91	\$455	\$0	\$90	\$545
Bryans Road Subarea Plan Implementation	61	61	0	0	0	122	59	0	181
County Drainage Systems Improvement Program	1,343	938	924	942	188	4,335	794	185	5,314
Traffic Signal Program	202	202	202	202	202	1,010	239	269	1,518
Safety Improvement Program- Existing Roadways	220	66	287	285	285	1,143	0	283	1,426
Smallwood/St. Patrick Dr. Inter. & Traffic Improv.	0	588	0	0	0	588	88	0	676
Old Washington Road Reconstruction	0	0	372	1,022	1,074	2,468	0	5,596	8,064
Radio Station Road Upgrade	145	3,173	0	0	0	3,318	1,002	2,413	6,733
Billingsley Road Improvements	153	0	4,001	4,001	4,001	12,156	0	0	12,156
Middletown Road and Billingsley Road Roundabout	603	487	487	0	0	1,577	0	0	1,577
Bridge Replacement Program	0	0	262	0	0	262	153	0	415
Mill Hill Road Upgrade	0	1,253	1,253	0	0	2,506	701	0	3,207
Light Rail Transit Initiative	270	270	270	270	270	1,350	0	0	1,350
Sidewalk Improvement Program	153	153	153	153	153	765	0	0	765
Road Overlay Program	3,078	3,078	3,078	3,078	3,078	15,390	0	3,001	18,391
Total without inflation	\$6,319	\$10,360	\$11,380	\$10,044	\$9,342	\$47,445	\$3,036	\$11,837	\$62,318
Contingency- Inflation	164	692	1,364	1,736	2,136	6,092		3,463	9,555
<b>Total Transportation</b>	<b>\$6,483</b>	<b>\$11,052</b>	<b>\$12,744</b>	<b>\$11,780</b>	<b>\$11,478</b>	<b>\$53,537</b>	<b>\$3,036</b>	<b>\$15,300</b>	<b>\$71,873</b>
<b>Total Governmental</b>	<b>\$47,442</b>	<b>\$48,667</b>	<b>\$32,490</b>	<b>\$35,754</b>	<b>\$27,479</b>	<b>\$191,832</b>	<b>\$52,964</b>	<b>\$32,556</b>	<b>\$277,352</b>

**CHARLES COUNTY COMMISSIONERS OF CHARLES COUNTY, MD**  
**FISCAL YEAR 2013 APPROVED CAPITAL PROJECT BUDGET**  
**FY2013-FY2017 CAPITAL IMPROVEMENT PROGRAM**

(\$ in thousands)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Prior Approp. thru FY12	Beyond FY 2017	Project Total
<b>FINANCING SOURCES:</b>									
<b>GOVERNMENTAL OPERATIONS:</b>									
<b><u>BOARD OF EDUCATION</u></b>									
Bonds	\$3,586	\$2,457	\$5,571	\$0	\$2,845	\$14,459	\$10,148	\$1,154	\$25,761
Fund Balance Appropriation	182	46	0	0	0	228	0	0	228
Operating Transfer	0	0	0	0	0	0	0	0	0
Fair Share Excise Tax Bonds	6,078	24	309	3,400	0	9,811	15,311	0	25,122
<b>Total County Funding</b>	<b>9,846</b>	<b>2,527</b>	<b>5,880</b>	<b>3,400</b>	<b>2,845</b>	<b>24,498</b>	<b>25,459</b>	<b>1,154</b>	<b>51,111</b>
Federal	0	0	0	0	0	0	0	0	0
State	8,200	8,200	9,601	8,643	5,207	39,851	12,488	2,157	54,496
Other: Forward Funding State Share	4,525	10,020	(5,901)	(8,643)	0	0	0	0	0
Other: St. Charles Communities	0	0	0	0	0	0	1,000	0	1,000
<b>Total Funding</b>	<b>\$22,571</b>	<b>\$20,747</b>	<b>\$9,580</b>	<b>\$3,400</b>	<b>\$8,052</b>	<b>\$64,350</b>	<b>\$38,946</b>	<b>\$3,311</b>	<b>\$106,607</b>
<b><u>COLLEGE OF SOUTHERN MARYLAND</u></b>									
Bonds	\$3,920	\$2,228	\$787	\$2,655	\$483	\$10,073	\$2,366	\$2,598	\$15,037
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>3,920</b>	<b>2,228</b>	<b>787</b>	<b>2,655</b>	<b>483</b>	<b>10,073</b>	<b>2,366</b>	<b>2,598</b>	<b>15,037</b>
Federal	0	0	0	0	0	0	0	0	0
State	11,764	6,682	2,359	7,964	1,450	30,219	7,102	7,808	45,129
Other: _____	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$15,684</b>	<b>\$8,910</b>	<b>\$3,146</b>	<b>\$10,619</b>	<b>\$1,933</b>	<b>\$40,292</b>	<b>\$9,468</b>	<b>\$10,406</b>	<b>\$60,166</b>
<b><u>GENERAL GOVERNMENT</u></b>									
Bonds	\$1,648	\$4,044	\$4,124	\$6,398	\$3,487	\$19,701	\$1,289	\$824	\$21,814
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	244	573	241	229	241	1,528	0	0	1,528
<b>Total County Funding</b>	<b>1,892</b>	<b>4,617</b>	<b>4,365</b>	<b>6,627</b>	<b>3,728</b>	<b>21,229</b>	<b>1,289</b>	<b>824</b>	<b>23,342</b>
Federal	192	0	0	0	0	192	0	0	192
State	24	1,500	2,272	1,600	1,500	6,896	108	2,188	9,192
Other: St. Mary's & Calvert Counties	144	0	0	0	0	144	66	0	210
Other: GenOn	200	0	0	0	0	200	0	0	200
<b>Total Funding</b>	<b>\$2,452</b>	<b>\$6,117</b>	<b>\$6,637</b>	<b>\$8,227</b>	<b>\$5,228</b>	<b>\$28,661</b>	<b>\$1,463</b>	<b>\$3,012</b>	<b>\$33,136</b>
<b><u>PARKS</u></b>									
Bonds	\$0	\$86	\$92	\$987	\$172	\$1,337	\$51	\$527	\$1,915
Fund Balance Appropriation	252	237	0	0	0	489	0	0	489
Operating Transfer	0	18	291	387	406	1,102	0	0	1,102
<b>Total County Funding</b>	<b>252</b>	<b>341</b>	<b>383</b>	<b>1,374</b>	<b>578</b>	<b>2,928</b>	<b>51</b>	<b>527</b>	<b>3,506</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	1,500	0	354	210	2,064	0	0	2,064
Other: _____	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$252</b>	<b>\$1,841</b>	<b>\$383</b>	<b>\$1,728</b>	<b>\$788</b>	<b>\$4,992</b>	<b>\$51</b>	<b>\$527</b>	<b>\$5,570</b>
<b><u>TRANSPORTATION</u></b>									
Bonds	\$5,799	\$8,205	\$12,105	\$11,240	\$10,933	\$48,282	\$2,421	\$14,999	\$65,702
Fund Balance Appropriation	422	422	270	270	270	1,654	108	0	1,762
Operating Transfer	0	0	103	108	113	324	462	90	876
<b>Total County Funding</b>	<b>6,221</b>	<b>8,627</b>	<b>12,478</b>	<b>11,618</b>	<b>11,316</b>	<b>50,260</b>	<b>2,991</b>	<b>15,089</b>	<b>68,340</b>
Federal	0	0	104	0	0	104	0	0	104
State	262	2,425	162	162	162	3,173	45	211	3,429
Other: _____	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$6,483</b>	<b>\$11,052</b>	<b>\$12,744</b>	<b>\$11,780</b>	<b>\$11,478</b>	<b>\$53,537</b>	<b>\$3,036</b>	<b>\$15,300</b>	<b>\$71,873</b>
<b>Total Governmental</b>	<b>\$47,442</b>	<b>\$48,667</b>	<b>\$32,490</b>	<b>\$35,754</b>	<b>\$27,479</b>	<b>\$191,832</b>	<b>\$52,964</b>	<b>\$32,556</b>	<b>\$277,352</b>
<b>TOTAL GOVERNMENTAL BONDS</b>	<b>\$14,953</b>	<b>\$17,020</b>	<b>\$22,679</b>	<b>\$21,280</b>	<b>\$17,920</b>	<b>\$93,852</b>	<b>\$16,274</b>	<b>\$20,103</b>	<b>\$130,229</b>
<b>TOTAL PAYGO</b>	<b>\$244</b>	<b>\$591</b>	<b>\$635</b>	<b>\$724</b>	<b>\$760</b>	<b>\$2,954</b>	<b>\$462</b>	<b>\$90</b>	<b>\$3,506</b>

**CHARLES COUNTY COMMISSIONERS OF CHARLES COUNTY, MD  
FISCAL YEAR 2013 APPROVED CAPITAL PROJECT BUDGET  
FY2013-FY2017 CAPITAL IMPROVEMENT PROGRAM**

(\$ in thousands)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year	Prior		Project
						Total	Approp.	Beyond	Project
						'13-'17	thru FY12	FY 2017	Total
<b>ENTERPRISE FUND OPERATIONS</b>									
<b>WATER &amp; SEWER</b>									
Automation & Technology Master Plan	1,701	1,506	1,506	1,506	1,331	7,550	0	713	8,263
MWWTP Lab Renovation	36	0	135	0	0	171	21	0	192
Swan Point Water Tower Rehabilitation	561	0	0	0	0	561	116	0	677
Well Site Automation	197	198	133	0	0	528	0	0	528
Cliffton Water System Improvements	27	1,194	0	0	0	1,221	939	0	2,160
Satellite Water Facility Upgrades	537	0	0	0	0	537	0	0	537
Underground Infrastructure Repairs	328	328	328	458	458	1,900	253	4,570	6,723
Smallwood Drive East Water Tower Rehab.	750	0	0	0	0	750	0	0	750
Benedict Replacement Well	0	0	286	0	0	286	0	0	286
Water Model Update	34	34	34	34	34	170	0	33	203
Patuxent Aquifer Study	78	78	0	0	0	156	1,515	0	1,671
Various County Water Studies	89	89	89	89	0	356	87	0	443
Mt. Carmel Woods / College of Southern Maryland Pump Station & Forcemains	2,513	0	0	0	0	2,513	4,097	0	6,610
Influent/Effluent Pump Station	33	2,427	1,216	0	0	3,676	3,856	0	7,532
MWWTP Electrical System Replacement	218	1,415	3,129	0	0	4,762	449	0	5,211
MWWTP Flow Equalization	369	2,136	2,136	0	0	4,641	0	0	4,641
Mattawoman Infiltration and Inflow	37	2,737	2,437	2,937	2,937	11,085	5,675	3,245	20,005
Mattawoman WWTP Automation	819	998	998	0	0	2,815	1,727	0	4,542
Grit System Reconfiguration at MWWTP	49	0	0	0	0	49	1,427	0	1,476
MWWTP Underground Concrete Rehab	318	0	0	0	0	318	0	0	318
Pump Station Rehabs and Replacements	670	1,211	730	906	906	4,423	0	905	5,328
Satellite Wastewater Facility Upgrades	218	333	428	298	298	1,575	0	0	1,575
MWWTP Clarifier and Thickener Repairs	345	345	0	0	0	690	153	0	843
Cobb Island/Swan Point Interconnection	0	294	1,384	0	0	1,678	0	0	1,678
MWWTP Utility Water System Evaluation & Improvement	0	62	198	0	0	260	49	0	309
MWWTP Biosolids Feasibility Study	100	135	0	0	0	235	0	0	235
Sewer Model Update	39	39	39	39	39	195	73	38	306
Cliffton Pump Station #4	0	0	0	92	577	669	0	0	669
White Plains Failing Septic Sewer Improvements	440	0	0	0	0	440	1,376	0	1,816
Mattawoman WWTP Berm Relocation	0	0	0	0	372	372	589	1,280	2,241
U. Port Tobacco River Watershed Swr Conn. Study	0	223	0	0	0	223	0	0	223
Benedict Central Sewer System	0	1,684	3,061	0	0	4,745	5,125	0	9,870
Hughesville Package Treatment Plant	0	835	0	0	0	835	695	0	1,530
Total without inflation	\$10,506	\$18,301	\$18,267	\$6,359	\$6,952	\$60,385	\$28,222	\$10,784	\$99,391
Contingency-inflation	305	1,305	2,273	1,221	1,748	6,852	0	3,398	10,251
<b>Total Water &amp; Sewer</b>	<b>\$10,811</b>	<b>\$19,606</b>	<b>\$20,540</b>	<b>\$7,580</b>	<b>\$8,700</b>	<b>\$67,237</b>	<b>\$28,222</b>	<b>\$14,182</b>	<b>\$109,642</b>
Water	3,570	2,866	1,902	1,592	1,450	11,379	2,921	6,532	20,832
Sewer	7,241	16,741	18,638	5,989	7,250	55,859	25,301	7,650	88,811
<b>Total Water &amp; Sewer</b>	<b>\$10,811</b>	<b>\$19,607</b>	<b>\$20,540</b>	<b>\$7,580</b>	<b>\$8,700</b>	<b>\$67,237</b>	<b>\$28,222</b>	<b>\$14,182</b>	<b>\$109,642</b>
<b>SOLID WASTE FUND</b>									
Cell #3B & 2B Expansion	\$8,747	\$0	\$0	\$0	\$0	\$8,747	\$563	\$0	\$9,310
Automation & Technology Master Plan - Landfill	0	0	772	0	0	772	0	0	772
Total without inflation	\$8,747	\$0	\$772	\$0	\$0	\$9,519	\$563	\$0	\$10,082
Contingency-inflation	273	0	95	0	0	368	0	0	368
<b>Total Solid Waste</b>	<b>\$9,020</b>	<b>\$0</b>	<b>\$867</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,887</b>	<b>\$563</b>	<b>\$0</b>	<b>\$10,450</b>
<b>ENVIRONMENTAL SERVICE FUND</b>									
NPDES Retrofit Projects	\$5,657	\$4,994	\$3,061	\$3,061	\$3,061	\$19,834	\$7,262	\$7,512	\$34,608
Hoghole Run Living Shoreline	0	112	199	199	199	709	0	0	709
Jennie Run Subwatershed Restoration	0	249	338	338	338	1,263	0	0	1,263
Total without inflation	\$5,657	\$5,355	\$3,598	\$3,598	\$3,598	\$21,806	\$7,262	\$7,512	\$36,580
Contingency-inflation	167	380	449	689	904	2,589	0	2,355	4,944
<b>Total Environmental Service Fund</b>	<b>\$5,824</b>	<b>\$5,735</b>	<b>\$4,047</b>	<b>\$4,287</b>	<b>\$4,502</b>	<b>\$24,395</b>	<b>\$7,262</b>	<b>\$9,867</b>	<b>\$41,524</b>
<b>TOTAL ENTERPRISE FUNDS</b>	<b>\$25,655</b>	<b>\$25,342</b>	<b>\$25,454</b>	<b>\$11,867</b>	<b>\$13,202</b>	<b>\$101,520</b>	<b>\$36,047</b>	<b>\$24,049</b>	<b>\$161,616</b>
<b>TOTAL ALL PROJECTS</b>	<b>\$73,097</b>	<b>\$74,009</b>	<b>\$57,944</b>	<b>\$47,621</b>	<b>\$40,681</b>	<b>\$293,352</b>	<b>\$89,011</b>	<b>\$56,605</b>	<b>\$438,968</b>

**CHARLES COUNTY COMMISSIONERS OF CHARLES COUNTY, MD  
FISCAL YEAR 2013 APPROVED CAPITAL PROJECT BUDGET  
FY2013-FY2017 CAPITAL IMPROVEMENT PROGRAM**

(\$ in thousands)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Prior Approp. thru FY12	Beyond FY 2017	Project Total
<b>FINANCING SOURCES</b>									
<b>ENTERPRISE FUND OPERATIONS:</b>									
<b>WATER AND SEWER FUND</b>									
<b>Water Projects</b>									
Bonds	\$3,363	\$2,652	\$1,763	\$1,444	\$1,407	\$10,629	\$2,846	\$6,499	\$19,975
Fund Balance Appropriation	3	3	0	0	0	6	0	0	6
Operating Transfer	127	131	139	147	43	587	0	33	620
Total County Funding	3,493	2,786	1,902	1,591	1,450	11,222	\$2,846	\$6,532	\$20,601
Federal	0	0	0	0	0	0	0	0	0
State	77	80	0	0	0	157	75	0	232
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$3,570	\$2,866	\$1,902	\$1,591	\$1,450	\$11,379	\$2,921	\$6,532	\$20,832
<b>Sewer Projects</b>									
Bonds	\$6,733	\$14,011	\$16,242	\$4,624	\$5,818	\$47,428	\$19,586	\$6,046	\$73,061
Fund Balance Appropriation	0	238	0	0	0	238	0	0	238
Operating Transfer	125	166	44	47	49	431	105	0	536
Operating	\$6,858	\$14,415	\$16,286	\$4,671	\$5,867	\$48,097	\$19,691	\$6,046	\$73,835
Federal	0	0	0	0	0	0	728	0	728
State	0	0	0	0	0	0	400	0	400
Other: WSSC	383	2,326	2,352	1,318	1,383	7,762	2,584	1,604	11,949
Other:	0	0	0	0	0	0	1,899	0	1,899
Total Funding	\$7,241	\$16,741	\$18,638	\$5,989	\$7,250	\$55,859	\$25,302	\$7,650	\$88,811
<b>SOLID WASTE FUND</b>									
Bonds	\$0	\$0	\$867	\$0	\$0	\$867	\$0	\$0	\$867
Capital Budget Reserve	9,020	0	0	0	0	9,020	563	0	9,583
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	\$9,020	\$0	\$867	\$0	\$0	\$9,887	\$563	\$0	\$10,450
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	\$9,020	\$0	\$867	\$0	\$0	\$9,887	\$563	\$0	\$10,450
<b>ENVIRONMENTAL SERVICE FUND</b>									
Bonds	\$5,824	\$5,735	\$4,047	\$4,287	\$4,502	\$24,395	\$7,262	\$9,867	\$41,524
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	\$5,824	\$5,735	\$4,047	\$4,287	\$4,502	\$24,395	\$7,262	\$9,867	\$41,524
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	\$5,824	\$5,735	\$4,047	\$4,287	\$4,502	\$24,395	\$7,262	\$9,867	\$41,524
<b>TOTAL ENTERPRISE FUNDS</b>	<b>\$25,655</b>	<b>\$25,342</b>	<b>\$25,454</b>	<b>\$11,867</b>	<b>\$13,202</b>	<b>\$101,520</b>	<b>\$36,047</b>	<b>\$24,049</b>	<b>\$161,616</b>
<b>TOTAL ALL PROJECTS</b>	<b>\$73,097</b>	<b>\$74,009</b>	<b>\$57,944</b>	<b>\$47,621</b>	<b>\$40,681</b>	<b>\$293,352</b>	<b>\$89,011</b>	<b>\$56,605</b>	<b>\$438,968</b>